1-Bromopropane (CASRN: 106-94-5) Bibliography: Supplemental File for the TSCA Scope Document

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This document provides the bibliographic citations that were identified and screened from the initial literature search and the initial categorization of whether citations are *on topic* or *off topic*. *On topic* references are those that may contain data and/or information relevant to the risk evaluation. *Off topic* references are those that do not appear to contain data or information relevant to the risk evaluation.

Because systematic review is an iterative process, EPA/OPPT expects that some references may move from the *on topic* to the *off topic* category and vice versa. Additional *on topic* references not initially identified in the initial search may also be identified as the systematic review process proceeds. Moreover, targeted supplemental searches may be conducted to address specific needs for the analysis phase (e.g., to locate specific data needed for modeling).

Some of the references supporting the "Scope of the Risk Evaluation for 1-Bromopropane" may not be reflected in the "OPPT Risk Assessment, Problem Formulation or Scope Document" section of this bibliography document. Thus, please refer to the bibliography included in the final scope document for the full list of references.

PEER REVIEWED LITERATURE SEARCH RESULTS

The peer reviewed literature search results include studies cited in the 2013 Report on Carcinogens Monograph on 1-bromopropane and results from the comprehensive searches of bibliographic databases. The combined results were reviewed and determined to either be *on topic* or *off topic* with respect to the data needs of the five topic areas presented below. The full literature search strategy is presented in *the Strategy for Conducting Literature Searches for 1-Bromopropane: Supplemental File for the TSCA Scope Document.*

Citations are presented in the format returned from database searches. In some instances citations may be incomplete (e.g., publication year or journal information may be missing). Efforts to complete citation information are underway. Because each reference was considered for each topic area during screening, a citation may be listed as *on topic* or *off topic* in more than one topic area.

Fate Literature Search Results

On Topic

Bridgeman, CH; Pyle, JA; Shallcross, DE. (2000). A three-dimensional model calculation of the ozone depletion potential of 1-bromopropane (1-C3H7Br). J Geophys Res Atmos 105: 26493-26502.

Horn, HG; Kolkmann, F; Janke, N. (1981). BY-PRODUCTS OF THE SYNTHESIS OF 3,3,3-TRIFLUORINE-1-BROMOPROPANE. Chemiker-Zeitung 105: 123-123.

Kaneko, T; Kim, HY; Wang, PY; Sato, A. (1997). Partition coefficients and hepatic metabolism in vitro of 1- and 2-bromopropanes. J Occup Health 39: 341-342. http://dx.doi.org/10.1539/joh.39.341.

Whitten, GZ; Cohen, JP; Myers, TC; Carter, WPL. (2003). The ozone formation potential of 1-bromo-propane. Journal of the Air and Waste Management Association 53: 262-272.

Wisniak, J; Tamir, A. (1992). ISOBARIC VAPOR-LIQUID-EQUILIBRIA IN THE TERNARY-SYSTEMS METHYL ACETATE PLUS VINYL-ACETATE PLUS PROPYL BROMIDE AND METHYL ACETATE PLUS VINYL-ACETATE PLUS TOLUENE. Journal of Chemical and Engineering Data 37: 538-541.

Wuebbles, DJ; Jain, AK; Patten, KO; Connell, PS. (1998). Evaluation of ozone depletion potentials for chlorobromomethane (CH2ClBr) and 1-bromo-propane (CH2BrCH2CH3). Atmos Environ 32: 107-113.

Wuebbles, DJ; Kotamarthi, R; Patten, KO. (1999). Updated evaluation of ozone depletion potentials for chlorobromomethane (CH2ClBr) and 1-bromo-propane (CH2BrCH2CH3). Atmos Environ 33: 1641-1643.

Wuebbles, DJ; Patten, KO; Johnson, MT; Kotamarthi, R. (2001). New methodology for Ozone Depletion Potentials of short-lived compounds: n-propyl bromide as an example. J Geophys Res Atmos 106: 14551-14571.

Wuebbles, DJ; Patten, KO; Wang, D; Youn, D; Martinez-Aviles, M; Francisco, JS. (2011). Three-dimensional model evaluation of the Ozone Depletion Potentials for n-propyl bromide, trichloroethylene and perchloroethylene. Atmos Chem Phys 11: 2371-2380. http://dx.doi.org/10.5194/acp-11-2371-2011.

Fate Literature Search Results

Off Topic

Ahn, S; Cha, YB, um; Kim, M; Ahn, KH; Kim, YC. (2015). Synthesis, characterization, and electroluminescence properties of a donor-acceptor type molecule for highly efficient non-doped green organic light-emitting diodes. Synthetic Metals 199: 8-13. http://dx.doi.org/10.1016/j.synthmet.2014.11.005.

Ahn, S; Kim, J, aeN; Kim, YC. (2015). Solid state solvation effect of a donor-acceptor type fluorescent molecule and its application to white organic light-emitting diodes. Curr Appl Phys 15: S42-S47. http://dx.doi.org/10.1016/j.cap.2015.03.013.

Allen, BL; Mallarino, AP; Lore, JF; Baker, JL; Haq, MU. (2012). Phosphorus Lateral Movement through Subsoil to Subsurface Tile Drains. Soil Sci Soc Am J 76: 710-717. http://dx.doi.org/10.2136/sssaj2011.0150.

Almeida, CF; Calado, CRC; Bernardino, SA; Cabral, JMS; Fonseca, LP. (2006). A flow injection analysis system for on-line monitoring of cutinase activity at outlet of an expanded bed adsorption column almost in real time. J Chem Tech Biotechnol 81: 1678-1684. http://dx.doi.org/10.1002/jctb.1587.

Altarawneh, M; Dlugogorski, BZ. (2015). Reactions of HO2 with n-propylbenzene and its phenylpropyl radicals. Combust Flame 162: 1406-1416. http://dx.doi.org/10.1016/j.combustflame.2014.11.007.

Anderson, LM; Rice, JM. (1987). Tumorigenesis in Athymic Nude Mouse Skin by Chemical Carcinogens and Ultraviolet Light. J Natl Cancer Inst 78: 125-134.

Aoyama, M. (2006). Properties of neutral phosphate buffer extractable organic matter in soils revealed using size exclusion chromatography and fractionation with polyvinylpyrrolidone. Soil Sci Plant Nutr 52: 378-386. http://dx.doi.org/10.1111/j.1747-0765.2006.00047.x.

Apeagyei, AK; Diefenderfer, SD. (2012). Correlation of Flow Number with Stiffness Obtained from Dynamic Shear Rheometer Testing of Extracted Binder from Asphalt Concrete Containing Recycled Asphalt Pavement. Journal of Testing and Evaluation 40: 612-621. http://dx.doi.org/10.1520/JTE104471.

Arumemi-Ikhide, M; Sefiane, K; Duursma, G; Glass, D. (2008). Investigation of flow boiling in circulating three-phase fluidised bed - Part II: Theoretical correlation. Chem Eng Sci 63: 896-914. http://dx.doi.org/10.1016/j.ces.2007.10.019.

Asadov, ZH; Rahimov, RA; Mammadova, KA; Gurbanov, AV; Ahmadova, GA. (2016). Synthesis and Characteristics of Dodecyl Isopropylolamine and Derived Surfactants. Journal of Surfactants and Detergents 19: 145-153. http://dx.doi.org/10.1007/s11743-015-1762-y.

Averill, AF; Ingram, JM; Nolan, PF. (1999). Replacing TCA and CFC-113 with HFE and HFC based azeotropes and n-propyl bromide based solvents for wipe cleaning metal components - Source evaporation rates and models. Institute of Metal Finishing Transactions 77: 16-25.

Averill, AF; Ingram, JM; Nolan, PF. (1999). A study of the dispersion of solvent vapour in the workspace during wipe cleaning of metal components with organic solvents - A Monte Carlo uncertainty analysis. Institute of Metal Finishing Transactions 77: 204-208.

Badica, P; Awaji, S; Oguro, H; Nishijima, G, en; Watanabe, K. (2007). Behavior of Nb3Sn composite wires: Multiple room temperature bending cycles. I E E E Transactions on Applied Superconductivity 17: 2672-2675. http://dx.doi.org/10.1109/TASC.2007.899606.

Bai, Y; Liu, S, u; Li, H; Liu, C; Wang, J; Chang, J. (2014). White organic light-emitting devices with high color purity and stability. Semiconductor Science and Technology 29. http://dx.doi.org/10.1088/0268-1242/29/4/045026.

Balasubramaniam, E; Tao, YT; Danel, A; Tomasik, P. (2000). Blue light-emitting diodes based on dipyrazolopyridine derivatives. Chem Mater 12: 2788-2793. http://dx.doi.org/10.1021/cm0003368.

Ban, D; Han, S; Lu, ZH; Oogarah, T; Springthorpe, AJ; Liu, HC. (2007). Organic-inorganic hybrid optical upconverter. I E E E Transactions on Electron Devices 54: 1645-1650. http://dx.doi.org/10.1109/TED.2007.898462.

Baran, V; Melcak, I; Otcovsky, J; Landa, V. (1993). IMMUNOELECTRON MICROSCOPIC LOCALIZATION OF SMALL NUCLEAR RIBONUCLEOPROTEINS AND INTERCHROMATIN GRANULES IN THE 2-CELL MOUSE EMBRYO. Reprod Nutr Dev 33: 447-454.

Barbosa, O; Torres, R; Ortiz, C; Fernandez-Lafuente, R. (2012). Versatility of glutaraldehyde to immobilize lipases: Effect of the immobilization protocol on the properties of lipase B from Candida antarctica. Process Biochemistry 47: 1220-1227. http://dx.doi.org/10.1016/j.procbio.2012.04.019.

Barrera-Alba, JJ; Flores Gianesella, SM; Oliveira Moser, GA; Prado Saldanha-Correa, FM. (2009). Influence of allochthonous organic matter on bacterioplankton biomass and activity in a eutrophic, sub-tropical estuary. Estuar Coast Shelf Sci 82: 84-94. http://dx.doi.org/10.1016/j.ecss.2008.12.020.

Baysal, C, an; Bortesi, L; Zhu, C; Farre, G; Schillberg, S; Christou, P. (2016). CRISPR/Cas9 activity in the rice OsBEIIb gene does not induce off-target effects in the closely related paralog OsBEIIa. Molecular Breeding 36. http://dx.doi.org/10.1007/s11032-016-0533-4.

Beck, M; Burmester, R; Cembrano, J; Drake, R; Garcia, A; Herve, F; Munizaga, F. (2000). Paleomagnetism of the North Patagonian batholith, southern Chile. An exercise in shape analysis. Tectonophysics 326: 185-202.

Beeley, JG; Neurath, H. (1968). The reaction of trypsin with bromoacetone. Biochemistry 7: 1239-1251.

Beierlein, TA; Brutting, W; Riel, H; Haskal, EI; Muller, P; Riess, W. (2000). Kelvin probe investigations of metal work functions and correlation to device performance of organic light-emitting devices. Synthetic Metals 111: 295-297.

Benassi, B; Leleu, R; Bird, T; Clifton, P; Fenech, M. (2007). Cytokinesis-block micronucleus cytome assays for the determination of genotoxicity and cytotoxicity of cecal water in rats and fecal water in humans. Cancer Epidemiol Biomarkers Prev 16: 2676-2680. http://dx.doi.org/10.1158/1055-9965.EPI-07-0488.

Berleb, S; Bruetting, W; Paasch, G. (2000). Interfacial charges and electric field distribution in organic hetero-layer light-emitting devices. Organic Electronics 1: 41-47.

Berleb, S; Brutting, W; Paasch, G. (2001). Interfacial charges in organic hetero-layer light emitting diodes probed by capacitance-voltage measurements. Synthetic Metals 122: 37-39.

Bin, JK; Hong, JI, n. (2011). Efficient blue organic light-emitting diode using anthracene-derived emitters based on polycyclic aromatic hydrocarbons. Organic Electronics 12: 802-808. http://dx.doi.org/10.1016/j.orgel.2011.02.011.

Fate Literature Search Results

Off Topic

Bin, Z; Duan, L; Li, C; Zhang, D; Dong, G; Wang, L; Qiu, Y. (2014). Bismuth Trifluoride as a low-temperature-evaporable insulating dopant for efficient and stable organic light-emitting diodes. Organic Electronics 15: 2439-2447. http://dx.doi.org/10.1016/j.orgel.2014.07.002.

Biswas, R; Xu, C; Zhao, W; Liu, R, ui; Shinar, R; Shinar, J. (2011). Simulations of emission from microcavity tandem organic light-emitting diodes. 1. http://dx.doi.org/10.1117/1.3552947.

Blair, MW; Giraldo, MC; Buendía, HF; Tovar, E; Duque, MC; Beebe, SE. (2006). Microsatellite marker diversity in common bean (Phaseolus vulgaris L.). Theor Appl Genet 113: 100-109. http://dx.doi.org/10.1007/s00122-006-0276-4.

Blanco, ST; Munoz, J; Velasco, I; Otin, S. (1995). EXCESS MOLAR ENTHALPIES OF BINARY-MIXTURES CONTAINING MONOBROMOALKANES AND POLYBROMOALKANES AT 298.15 K. Journal of Chemical and Engineering Data 40: 605-606.

Blando, JD; Schill, DP; De La Cruz, MP; Zhang, L; Zhang, J. (2010). Preliminary study of propyl bromide exposure among New Jersey dry cleaners as a result of a pending ban on perchloroethylene. Journal of the Air and Waste Management Association 60: 1049-1056. http://dx.doi.org/10.3155/1047-3289.60.9.1049.

Bodkin, JJ; Curry, TB; Lundgren, CEG. (2006). Negative pressure oxygen breathing and head-down tilt increase nitrogen elimination. Undersea Hyperb Med 33: 455-462.

Boelens, OJ; Badcock, KJ; Elmilgui, A; Abdol-Hamid, KS; Massey, SJ. (2009). Comparison of Measured and Block Structured Simulation Results for the F-16XL Aircraft. J Aircraft 46: 377-384. http://dx.doi.org/10.2514/1.35064.

Bolotnikov, MF; Neruchev, YA; Ryshkova, OS. (2007). Density of some 1-bromoalkanes within the temperature range from (243.15 to 423.15) K. Journal of Chemical and Engineering Data 52: 1065-1068. http://dx.doi.org/10.1021/je700015t.

Bond, JA; Birnbaum, LS; Dahl, AR; Medinsky, MA; Sabourin, PJ; Henderson, RF. (1988). DISPOSITION OF INHALED 1 CHLORO-2-PROPANOL IN F344-N RATS. Toxicol Appl Pharmacol 95: 444-455.

Boyle, EB; Viet, SM; Wright, DJ; Merrill, LS; Alwis, KU; Blount, BC; Mortensen, ME; Moye, J; Dellarco, M. (2016). Assessment of Exposure to VOCs among Pregnant Women in the National Children's Study. Int J Environ Res Public Health 13: 376. http://dx.doi.org/10.3390/ijerph13040376.

Bruetting, W; Berleb, S; Mueckl, AG. (2001). Device physics of organic light-emitting diodes based on molecular materials. Organic Electronics 2: 1-36.

Bull, CF; Mayrhofer, G; Zeegers, D; Mun, GL; Hande, MP; Fenech, MF. (2012). Folate deficiency is associated with the formation of complex nuclear anomalies in the cytokinesis-block micronucleus cytome assay. Environ Mol Mutagen 53: 311-323. http://dx.doi.org/10.1002/em.21688.

Burkhart-Schultz, KJ; Jones, IM. (1997). Deletion and insertion in vivo somatic mutations in the hypoxanthine phosphoribosyltransferase (hprt) gene of human T-lymphocytes. Environ Mol Mutagen 30: 371-384.

Bursik, J; Vanek, P; Kuzel, R; Studnicka, V; Zelezny, V. (2001). Textured PbTiO3-Al2O3 composite films prepared by chemical solution deposition. J Eur Ceram Soc 21: 1503-1507.

Burt, R; Mays, MD; Benham, EC; Wilson, MA. (2002). Phosphorus characterization and correlation with properties of selected benchmark soils of the United States. Commun Soil Sci Plant Anal 33: 117-141.

Byun, Y; Cha, SH; Jeon, HJ, oo; Hong, S, ukB. (2016). n-Propylbenzene Disproportionation: An Efficient Tool for Assessing the Framework Topology of Large-Pore Zeolites. J Phys Chem C 120: 6125-6135. http://dx.doi.org/10.1021/acs.jpcc.6b00758.

Cacciatore, LC; Kristoff, G; Verrengia Guerrero, NR; Cochón, AC. (2012). Binary mixtures of azinphos-methyl oxon and chlorpyrifos oxon produce in vitro synergistic cholinesterase inhibition in Planorbarius corneus. Chemosphere 88: 450-458. http://dx.doi.org/10.1016/j.chemosphere.2012.02.069.

Camargo, H; Paolini, TB; Niyama, E; Brito, HF; Cremona, M. (2013). New rare-earth quinolinate complexes for organic light-emitting devices. Thin Solid Films 528: 36-41. http://dx.doi.org/10.1016/j.tsf.2012.09.085.

Cao, Y; Zhang, E; Tang, H; Langdon, P; Ning, D; Zheng, W. (2016). Combined effects of nutrients and trace metals on chironomid composition and morphology in a heavily polluted lake in central China since the early 20th century. Hydrobiologia 779: 147-159. http://dx.doi.org/10.1007/s10750-016-2810-y.

Carta, LK; Li, S; Skantar, AM; Newcombe, G. (2016). Morphological and Molecular Characterization of Two Aphelenchoides Endophytic in Poplar Leaves. Journal of Nematology 48: 28-33.

Carvan, r; Ponomareva, r; Solis, r; Matlib, r; Puga, r; Nebert, r. (1999). Trout CYP1A3 Gene: Recognition of Fish DNA Motifs by Mouse Regulatory Proteins. Mar Biotechnol 1: 155-166.

Castillo, MM; Kling, GW; Allan, JD. (2003). Bottom-up controls on bacterial production in tropical lowland rivers. Limnol Oceanogr 48: 1466-1475. http://dx.doi.org/10.4319/lo.2003.48.4.1466.

Castro, P; Valiela, I; Freitas, H. (2007). The use of sedimentary %C, %N, delta N-15, and Pb concentrations to assess historical changes in anthropogenic influence on Portuguese estuaries. Environ Pollut 147: 706-712. http://dx.doi.org/10.1016/j.envpol.2006.09.011.

Çayır, A; Coskun, M; Coskun, M. (2014). Micronuclei, nucleoplasmic bridges, and nuclear buds induced in human lymphocytes by the fungicide signum and its active ingredients (boscalid and pyraclostrobin). Environ Toxicol 29: 723-732. http://dx.doi.org/10.1002/tox.21789.

Cepeda, EA; Bravo, R; Calvo, B. (2009). Solubilities of Lauric Acid in n-Hexane, Acetone, Propanol, 2-Propanol, 1-Bromopropane, and Trichloroethylene from (279.0 to 315.3) K. Journal of Chemical and Engineering Data 54: 1371-1374. http://dx.doi.org/10.1021/je800739y.

Cepeda, EA; Bravo, R; Lomas, JM. (2012). Solubilities of Fatty Acids and Triglycerides in 1-Bromopropane. Journal of Chemical and Engineering Data 57: 1160-1164. http://dx.doi.org/10.1021/je201181k.

Chan, CYH; Chow, CM; So, SK. (2011). Using transistor technique to study the effects of transition metal oxide dopants on organic charge transporters. Organic Electronics 12: 1454-1458. http://dx.doi.org/10.1016/j.orgel.2011.04.023.

Fate Literature Search Results

Off Topic

Chan, CYK; Lam, JWY; Zhao, Z; Chen, S; Lu, P; Sung, HHY; Kwok, H, oiS; Ma, Y; Williams, I, anD; Tang, B, enZ. (2014). Aggregation-induced emission, mechanochromism and blue electroluminescence of carbazole and triphenylamine-substituted ethenes. 2: 4320-4327. http://dx.doi.org/10.1039/c4tc00097h.

Chan, J; Rakic, AD; Kwong, CY; Liu, ZT; Djurisic, AB; Majewski, ML; Chan, WK; Chui, PC. (2006). Device optimization of tris-aluminum (Alq(3)) based bilayer organic light emitting diode structures. Smart Materials and Structures 15: S92-S98. http://dx.doi.org/10.1088/0964-1726/15/1/015.

Chanas, B; Wang, H; Ghanayem, BI. (2003). Differential metabolism of acrylonitrile to cyanide is responsible for the greater sensitivity of male vs female mice: Role of CYP2E1 and epoxide hydrolases. Toxicol Appl Pharmacol 193: 293-302. http://dx.doi.org/10.1016/j.taap.2003.08.006.

Chang, M, eiY; Wu, CC; Lin, SC; Chen, Y, iFan. (2009). High-Brightness White Organic Light-Emitting Diodes Featuring a Single Emission Layer. J Electrochem Soc 156: J1-J5. http://dx.doi.org/10.1149/1.3005990.

Chatterjee, K; Poggie, J. (2006). A parallelized 3D floating random-walk algorithm for the solution of the nonlinear Poisson-Boltzmann equation. 57: 237-252. http://dx.doi.org/10.2528/PIER05072802.

Chatterjee, K; Poggie, J. (2006). A two-dimensional stochastic algorithm for the solution of the non-linear Poisson-Boltzmann equation: validation with finite-difference benchmarks. International Journal for Numerical Methods in Engineering 66: 72-84. http://dx.doi.org/10.1002/nme.1539.

Chatterjee, K; Poggie, J. (2007). A parallelized Monte Carlo algorithm for the nonlinear Poisson-Boltzmann equation in two dimensions. Applied Computational Electromagnetics Society Journal 22: 333-339.

Chen, BJ; Divayana, Y; Sun, XW; Sarma, KR. (2008). Improved performance of organic light-emitting devices with ultra-thin hole-blocking layers. Society for Information Display Journal 16: 603-608.

Chen, BJ; Sun, XW; Sarma, KR. (2007). Phosphorescent organic light-emitting devices with in situ post-growth annealed organic layers. Mater Sci Eng B 139: 192-196. http://dx.doi.org/10.1016/j.mseb.2007.02.007.

Chen, CM; Chung, MH, ua; Hsieh, TE; Huang, BR, an; Hsieh, HE, n; Juang, F, uhS; Tsai, Y, uS; Liu, MO; Lin, J, enL. (2008). Electroluminescent properties of color/luminance tunable organic light emitting diodes and their lifetime enhancement with encapsulation. Mater Sci Eng B 153: 100-105. http://dx.doi.org/10.1016/j.mseb.2008.10.028.

Chen, GT; Su, SH; Yokoyama, M. (2007). Field-emission organic light-emitting device using oxide-coated cathode as electron source. Electrochemical and Solid-State Letters 10: J41-J44. http://dx.doi.org/10.1149/1.2409060.

Chen, H, ua; Gao, CH; Jiang, Z, uoQ; Zhang, L, ei; Cui, L, inS; Ji, SJ, un; Liao, LS. (2014). Spiro-annulated hole-transport material outperforms NPB with higher mobility and stability in organic light-emitting diodes. Dyes and Pigments 107: 15-20. http://dx.doi.org/10.1016/j.dyepig.2014.03.006.

Chen, K, anLin. (2014). High Stability White Organic Light-Emitting Diode (WOLED) Using Nano-Double-Ultra Thin Carrier Trapping Materials. Journal of Nanomaterials. http://dx.doi.org/10.1155/2014/173276.

Chen, L; Jiang, Y; Nie, H; Hu, R; Kwok, HS; Huang, F; Qin, A; Zhao, Z; Tang, BZ. (2014). Rational design of aggregation-induced emission luminogen with weak electron donor-acceptor interaction to achieve highly efficient undoped bilayer OLEDs. 6: 17215-17225. http://dx.doi.org/10.1021/am505036a.

Chen, L; Jiang, Y; Nie, H, an; Lu, P; Sung, HHY; Williams, I, anD; Kwok, H, oiS; Huang, F, ei; Qin, A; Zhao, Z; Tang, B, enZ. (2014). Creation of Bifunctional Materials: Improve Electron-Transporting Ability of Light Emitters Based on AIE-Active 2,3,4,5-Tetraphenylsiloles. Adv Funct Mater 24: 3621-3630. http://dx.doi.org/10.1002/adfm.201303867.

Chen, L; Lin, G; Peng, H; Nie, H, an; Zhuang, Z; Shen, P; Ding, S; Huang, D; Hu, R; Chen, S; Huang, F, ei; Qin, A; Zhao, Z; Tang, B, enZ. (2016). Dimesitylboryl-functionalized tetraphenylethene derivatives: efficient solid-state luminescent materials with enhanced electron-transporting ability for nondoped OLEDs. 4: 5241-5247. http://dx.doi.org/10.1039/c6tc01383j.

Chen, L, ei; Qin, D; Chen, Y; Li, G; Wang, M; Ban, D. (2013). The combination of two p-doped layers for improving the hole current of organic light-emitting diodes. Physica Status Solidi A: Applications and Materials Science (Print) 210: 1157-1162. http://dx.doi.org/10.1002/pssa.201228514.

Chen, RT; Muir, BW; Such, GK; Postma, A; Evans, RA; Pereira, SM; Mclean, KM; Caruso, F. (2010). Surface "click" chemistry on brominated plasma polymer thin films. Langmuir 26: 3388-3393. http://dx.doi.org/10.1021/la9031688.

Chen, SF, u; Tian, Y; Peng, J; Zhang, H; Feng, X, inJ; Zhang, H; Xu, X; Li, L; Gao, J. (2015). Synthesis and characterization of arylamino end-capped silafluorenes for blue to deep-blue organic light-emitting diodes (OLEDs). 3: 6822-6830. http://dx.doi.org/10.1039/c5tc00382b.

Chen, SF; Wu, ZJ; Zhao, Y; Li, CN; Hou, JY; Liu, SY. (2005). Efficient organic light-emitting device from exciplex emission between 4,4 ' 4 ''-tris[3-methylphenyl(phenyl)amino] triphenylamine and 2,2 ',2 ''-(1,3,5-benzenetriyl)tris[1-phenyl-1H-benzimidazole]. Organic Electronics 6: 111-117. http://dx.doi.org/10.1016/j.orgel.2005.03.005.

Chen, W, enYin; Ling, YC; Chen, B, oJ; Shih, HH; Cheng, CH. (2006). Diffusion study of multi-organic layers in OLEDs by ToF-SIMS. Appl Surf Sci 252: 6594-6596. http://dx.doi.org/10.1016/j.apsusc.2006.02.228.

Chen, X; He, Z; Hu, Y; He, Y, un; Peng, H; Liang, Z. (2015). Tunable Exciton Dissociation at the Organic/Metal Electrode Interface. J Phys Chem C 119: 7039-7046. http://dx.doi.org/10.1021/jpcc.5b00679.

Chen, Y, uH; Chang, Y, uJen; Lee, GR, u; Chang, JH; Wu, IW, en; Fang, JH, ao; Hsu, S, huHan; Liu, SW, ei; Wu, CI; Pi, T, unWen. (2010). Formation of gap states and enhanced current injection efficiency in organic light emitting diodes incorporated with subphthalocyanine. Organic Electronics 11: 445-449. http://dx.doi.org/10.1016/j.orgel.2009.11.025.

Chen, Y, uC; Fang, YC; Wu, MH, ua; Juang, YD, er; Chu, SY. (2012). The Investigation of Two Different Types of Multiple-Quantum-Well Structure on Fluorescent White Organic Light Emitting Devices. 1: R66-R71. http://dx.doi.org/10.1149/2.009202jss.

Chen, Y, uC; Juang, YD, er; Chu, SY; Kao, P, oC. (2012). Investigation of Time-Dependent UV-Ozone Treatment on an Ultra-Thin AgF Buffer Layer for Organic Light-Emitting Diodes. J Electrochem Soc 159: H388-H392. http://dx.doi.org/10.1149/2.008204jes.

Fate Literature Search Results

Off Topic

Chen, Y, uC; Kao, P, oC; Yu, J, enC; Juang, YD, er; Chu, SY. (2012). Co-Host Comprising Hole-Transporting and Blue-Emitting Components for Efficient Fluorescent White OLEDs. J Electrochem Soc 159: J127-J131. http://dx.doi.org/10.1149/2.092204jes.

Chen, Z, huQi; Ding, F, ei; Bian, Z, uQ; Huang, CH, ui. (2010). Efficient near-infrared organic light-emitting diodes based on multimetallic assemblies of lanthanides and iridium complexes. Organic Electronics 11: 369-376. http://dx.doi.org/10.1016/j.orgel.2009.11.015.

Chen, Z; Ding, F, ei; Hao, F; Bian, Z; Ding, B, ei; Zhu, Y; Chen, F; Huang, C. (2009). A highly efficient OLED based on terbium complexes. Organic Electronics 10: 939-947. http://dx.doi.org/10.1016/j.orgel.2009.04.023.

Chen, Z; Feng, L; Zhang, C; Bie, H; Lei, G; Bai, F. (2007). The light-emitting device consisting of organic white-light components. Current Opinion in Solid State & Materials Science 11: 28-32. http://dx.doi.org/10.1016/j.cossms.2008.04.001.

Cheng, G; Xie, ZQ; Zhang, YF; Ma, YG; Liu, SY. (2005). Blue and white organic light-emitting devices using 2,5-diphenyl-1,4-d istyryl benzene with two trans-double bonds as a blue emitting layer. Materials Science Forum 475-479: 1805-1808.

Cheng, G; Zaho, Y; Xie, W; Ma, Y; Liu, S. (2004). High-efficiency white light emission using a phosphorescent sensitizer in organic light-emitting devices. Optical and Quantum Electronics 36: 659-664.

Cheng, G; Zhao, Y; Li, F; Xie, WF; Liu, SY. (2004). Effect of a thin layer of tris (8-hydroxyquinoline) aluminum doped with 4-(dicyanomethylene)-2-t-butyl-6-(1,1,7,7-tetramethyljulolidyl-9-enyl) on the chromaticity of white organic light-emitting devices. Thin Solid Films 467: 231-233. http://dx.doi.org/10.1016/j.tsf.2004.04.014.

Cheung, CH; Ng, AMC; Djurisic, AB; Liu, ZT; Kwong, CY; Chui, PC; Tam, HL; Cheah, KW; Chan, WK; Chan, J; Lu, AW; Rakic, AD. (2008). Angular dependence of the emission from low Q-factor organic microcavity light emitting diodes. Displays 29: 358-364. http://dx.doi.org/10.1016/j.displa.2007.10.007.

Cheung, CH; Song, WJ; So, SK. (2010). Role of air exposure in the improvement of injection efficiency of transition metal oxide/organic contact. Organic Electronics 11: 89-94. http://dx.doi.org/10.1016/j.orgel.2009.10.003.

Chia, MA; Chimdirim, PK; Japhet, WS. (2015). Lead induced antioxidant response and phenotypic plasticity of Scenedesmus quadricauda (Turp.) de Br,bisson under different nitrogen concentrations. J Appl Phycol 27: 293-302. http://dx.doi.org/10.1007/s10811-014-0312-8.

Chiang, CJ; Bull, S; Winscom, C; Monkman, A. (2010). A nano-indentation study of the reduced elastic modulus of Alq(3) and NPB thin-film used in OLED devices. Organic Electronics 11: 450-455. http://dx.doi.org/10.1016/j.orgel.2009.11.026.

Chiang, CJ; Winscom, C; Monkman, A. (2010). Electroluminescence characterization of FOLED devices under two type of external stresses caused by bending. Organic Electronics 11: 1870-1875. http://dx.doi.org/10.1016/j.orgel.2010.08.021.

Chiu, CH; Gregoire, L; Gumucio, DL; Muniz, JA; Lancaster, WD; Goodman, M. (1999). Model for the fetal recruitment of simian gamma-globin genes based on findings from two New World monkeys Cebus apella and Callithrix jacchus (Platyrrhini, Primates). J Exp Zool 285: 27-40.

Cho, SW, an; Yi, Y; Noh, M; Cho, MH, o; Yoo, KH, wa; Jeong, K; Whang, CN, am. (2008). Energy level alignment in N,N '-bis(1-naphthyl)-N,N '-diphenyl-1,1 '-biphenyl-4,4 '-diamine (NPB)/hexadecafluoro copper phthalocyanine (F(16)CuPc)/Au and NPB/CuPc/Au heterojunction. Synthetic Metals 158: 539-543. http://dx.doi.org/10.1016/j.synthmet.2008.03.024.

Choi, G, yuC; Chung, KC; Kim, YK, uk; Cho, YS; Choi, CJ, in; Kim, YD, o. (2011). Electrical and Luminescent Properties of OLEDs by Nickel Oxide Buffer Layer with Controlled Thickness. 49: 811-817. http://dx.doi.org/10.3365/KJMM.2011.49.10.811.

Choi, J; Lee, YG; Park, S; Lee, J; Lee, HH. (2005). Voltage-independent white organic light-emitting diodes by Alq(3) insertion. J Chem Eng Jpn 38: 588-592.

Choi, WH; Cheung, CH; So, SK. (2010). Can an organic phosphorescent dye act as a charge transporter? Organic Electronics 11: 872-875. http://dx.doi.org/10.1016/j.orgel.2010.02.001.

Chong, L, aiWan; Lee, Y, uhL; Wen, T, enC. (2007). Surface modification of indium tin oxide anodes by self-assembly monolayers: Effects on interfacial morphology and charge injection in organic light-emitting diodes. Thin Solid Films 515: 2833-2841. http://dx.doi.org/10.1016/j.tsf.2006.05.010.

Chorazewski, M; Goralski, P; Tkaczyk, M. (2005). Heat capacities of 1-chloroalkanes and 1-bromoalkanes within the temperature range from 284.15 K to 353.15 K. A group additivity and molecular connectivity analysis. Journal of Chemical and Engineering Data 50: 619-624. http://dx.doi.org/10.1021/je049652j.

Chou, D, eiWei; Huang, CJ; Lee, TC; Chen, W, enRay; Meen, TH. (2011). Emission Shift Upon Recombination Using Hole Blocking Layer (HBL). Ferroelectrics 421: 16-22. http://dx.doi.org/10.1080/00150193.2011.594028.

Chovanec, M; Cedervall, B; Kolman, A. (2001). DNA damage induced by gamma-radiation in combination with ethylene oxide or propylene oxide in human fibroblasts. Chem Biol Interact 137: 259-268.

Chu, Z; Wang, D, an; Zhang, C; Wang, F; Wu, H; Lv, Z; Hou, S; Fan, X; Zou, D. (2012). Synthesis of spiro[fluorene-9,9 '-xanthene] derivatives and their application as hole-transporting materials for organic light-emitting devices. Synthetic Metals 162: 614-620. http://dx.doi.org/10.1016/j.synthmet.2012.02.009.

Chung, SM; Hwang, C, hiSun; Lee, JI, k; Park, SH, eeKo; Yang, YS, uk; Do, L, eeMi; Chu, H, yeY. (2007). Top emission organic light emitting diode with a Cr/Al/Cr anode. Synthetic Metals 157: 327-331. http://dx.doi.org/10.1016/j.synthmet.2007.03.012.

Collins-Garcia, H; Tia, M; Roque, R; Choubane, B; TRB. (2000). Alternative solvent for reducing health and environmental hazards in extracting asphalt - An evaluation. Trans Res Rec79-85.

Cook, GM; Rothenberger, JP; Sikaroodi, M; Gillevet, PM; Peters, EC; Jonas, RB. (2013). A comparison of culture-dependent and culture-independent techniques used to characterize bacterial communities on healthy and white plague-diseased corals of the Montastraea annularis species complex. Coral Reefs 32: 375-388. http://dx.doi.org/10.1007/s00338-012-0989-6.

Cook, MB; Dawsey, SM; Freedman, ND; Inskip, PD; Wichner, SM; Quraishi, SM; Devesa, SS; Mcglynn, KA. (2009). Sex disparities in cancer incidence by period and age. Cancer Epidemiol Biomarkers Prev 18: 1174-1182. http://dx.doi.org/10.1158/1055-9965.EPI-08-1118.

Correa, AMS; Baker, AC. (2009). Understanding diversity in coral-algal symbiosis: a cluster-based approach to interpreting fine-scale genetic variation in the genus Symbiodinium. Coral Reefs 28: 81-93. http://dx.doi.org/10.1007/s00338-008-0456-6.

Fate Literature Search Results

Off Topic

Coskun, M; Coskun, M; Cayir, A; Ozdemir, O. (2011). Frequencies of micronuclei (MNi), nucleoplasmic bridges (NPBs), and nuclear buds (NBUDs) in farmers exposed to pesticides in Çanakkale, Turkey. Environ Int 37: 93-96. http://dx.doi.org/10.1016/j.envint.2010.08.002.

Costa, JCS; Taveira, RJS; Lima, CFR, AC; Mendes, A; Santos, LMN, BF. (2016). Optical band gaps of organic semiconductor materials. Optical Materials 58: 51-60. http://dx.doi.org/10.1016/j.optmat.2016.03.041.

Couch, R; Ehrenberg, L; Magnusson, AL; Nilsson, R; de la Rosa, ME; Törnqvist, M. (1996). In vivo dosimetry of ethylene oxide and propylene oxide in the cynomolgus monkey. Mutat Res 357: 17-23.

Craft, T. (2013). Letter to R. Linn from T.D. Craft, Albemarle Corporation, Baton Rouge, LA, March 7, 2013. National Toxicology Program, Research Triangle Park, NC. Craft, T.

Cui, J; Huang, QL; Veinot, JCG; Yan, H; Wang, QW; Hutchison, GR; Richter, AG; Evmenenko, G; Dutta, P; Marks, TJ. (2002). Anode interfacial engineering approaches to enhancing anode/hole transport layer interfacial stability and charge injection efficiency in organic light-emitting diodes. Langmuir 18: 9958-9970. http://dx.doi.org/10.1021/la020481v.

Cui, S; Hu, Y; Lou, Z; Yi, R, an; Hou, Y; Teng, F. (2015). Light emitting field-effect transistors with vertical heterojunctions based on pentacene and tris-(8-hydroxyquinolinato) aluminum. Organic Electronics 22: 51-55. http://dx.doi.org/10.1016/j.orgel.2015.03.029.

Cui, Z; Yang, Y; Kaufman, CD; Agalliu, D; Hackett, PB. (2003). RecA-mediated, targeted mutagenesis in zebrafish. Mar Biotechnol 5: 174-184. http://dx.doi.org/10.1007/s10126-002-0059-0.

Cuicui, C; Miao, L; Shaoru, G; Dan, Z; Rixiao, L; Hongwei, W. (2016). Grateloupia ramosa Wang & Luan sp nov (Halymeniaceae, Rhodophyta), a new species from China based on morphological evidence and comparative rbcL sequences. Chin J Oceanol Limnol 34: 283-294. http://dx.doi.org/10.1007/s00343-015-4335-z.

Curiel, D; Mas-Montoya, M; Chang, CH, ao; Chen, P, inY; Tai, CW, ei; Tarraga, A. (2013). Multifunctional carbazolocarbazoles as hole transporting and emitting host materials in red phosphorescent OLEDs. 1: 3421-3429. http://dx.doi.org/10.1039/c3tc30193a.

Curry, TB; Lundgren, CEG. (2003). Negative pressure breathing enhances nitrogen elimination. Aviat Space Environ Med 74: 1034-1039.

Czene, K; Osterman-Golkar, S; Yun, X; Li, G; Zhao, F; Pérez, HL; Li, M; Natarajan, AT; Segerbäck, D. (2002). Analysis of DNA and hemoglobin adducts and sister chromatid exchanges in a human population occupationally exposed to propylene oxide: a pilot study. Cancer Epidemiol Biomarkers Prev 11: 315-318.

Daifuku, SL; Favaro, C; Marchetti, AP; Neidig, ML. (2014). Direct observation of ICT cations at the HTL/transparent semiconductor interface. Organic Electronics 15: 3761-3765. http://dx.doi.org/10.1016/j.orgel.2014.10.027.

Davis, AH; Bussmann, K. (2004). Large magnetic field effects in organic light emitting diodes based on tris(8-hydroxyquinoline aluminum) (Alq(3))/IN,N '-Di(naphthalen-1-yl)-N,N ' diphenyl-benzidine (NPB) bilayers. Journal of Vacuum Science and Technology A 22: 1885-1891. http://dx.doi.org/10.1116/1.1759347.

De Silva, CR; Li, F; Huang, C; Zheng, Z. (2008). Europium beta-diketonates for red-emitting electroluminescent devices. Thin Solid Films 517: 957-962. http://dx.doi.org/10.1016/j.tsf.2008.08.118.

Demeny, A; Harangi, S, z; Vennemann, TW; Casillas, R; Horvath, P; Milton, AJ; Mason, PRD; Ulianov, A. (2012). Amphiboles as indicators of mantle source contamination: Combined evaluation of stable H and O isotope compositions and trace element ratios. Lithos 152: 141-156. http://dx.doi.org/10.1016/j.lithos.2012.07.001.

Deng, R; Zhou, L; Song, M; Hao, Z; Zhang, H. (2013). Near-Infrared and White Organic Light Emitting Diodes Based on a Samarium Complex. 5: 1556-1562. http://dx.doi.org/10.1166/sam.2013.1634.

Deng, Z; Lu, Z; Chen, Y; Yin, Y; Zou, Y, e; Xiao, J; Wang, Y. (2013). Aluminum phthalocyanine chloride as a hole injection enhancer in organic light-emitting diodes. Solid-State Electronics 89: 22-25. http://dx.doi.org/10.1016/j.sse.2013.03.003.

Deng, ZB; Lee, ST; Webb, DP; Chan, YC; Gambling, WA. (1999). Carrier transport in thin films of organic electroluminescent materials. Synthetic Metals 107: 107-109.

Depry, JL; Reed, KB; Cook-Norris, RH; Brewer, JD. (2011). Iatrogenic immunosuppression and cutaneous malignancy [Review]. Clin Dermatol 29: 602-613. http://dx.doi.org/10.1016/j.clindermatol.2011.08.009.

Dibb, JE; Talbot, RW; Gregory, GL. (1992). BERYLLIUM-7 AND PB-210 IN THE WESTERN-HEMISPHERE ARCTIC ATMOSPHERE - OBSERVATIONS FROM 3 RECENT AIRCRAFT-BASED SAMPLING PROGRAMS. J Geophys Res 97: 16709-16715.

Dittami, SM; Hostyeva, V; Egge, ES; Kegel, JU; Eikrem, W; Edvardsen, B. (2013). Seasonal dynamics of harmful algae in outer Oslofjorden monitored by microarray, qPCR, and microscopy. Environ Sci Pollut Res Int 20: 6719-6732. http://dx.doi.org/10.1007/s11356-012-1392-0.

Divayana, Y; Sun, XW; Chen, BJ; Lo, GQ; Sarma, KR; Kwong, DL. (2007). Bandgap engineering in Alq(3)- and NPB-based organic light-emitting diodes for efficient green, blue and white emission. Solid-State Electronics 51: 1618-1623. http://dx.doi.org/10.1016/j.sse.2007.09.019.

Dobrin, S; Harikumar, KR; Lim, TB; Leung, L; Mcnab, IR; Polanyi, JC; Sloan, PA; Waqar, Z; Yang, J; Ayissi, S; Hofer, WA. (2007). Maskless nanopatterning and formation of nanocorrals and switches, for haloalkanes at Si(111)-7 x 7. Nanotechnology 18. http://dx.doi.org/10.1088/0957-4484/18/4/044012.

Dong, G; Zheng, H; Duan, L; Wang, L; Qiu, Y. (2009). High-Performance Organic Optocouplers Based on a Photosensitive Interfacial C-60/NPB Heterojunction. Adv Mater Deerfield 21: 2501-+. http://dx.doi.org/10.1002/adma.200803152.

Dong, Y; Song, J; Cheng, C; Jiang, W; Yu, S; Du, G; Wang, X, u. (2008). Emission characteristics of near-ultraviolet two-dimensional organic photonic crystal lasers. Microwave & Optical Technology Letters 50: 382-385. http://dx.doi.org/10.1002/mop.23102.

Dröge, W; Breitkreutz, R. (2000). Glutathione and immune function. Proc Nutr Soc 59: 595-600.

Dröge, W; Schulze-Osthoff, K; Mihm, S; Galter, D; Schenk, H; Eck, HP; Roth, S; Gmünder, H. (1994). Functions of glutathione and glutathione disulfide in immunology and immunopathology [Review]. FASEB J 8: 1131-1138.

Fate Literature Search Results

Off Topic

Du, X; Zhao, J; Liu, W, ei; Wang, K, ai; Yuan, S; Zheng, C; Lin, H, ui; Tao, S; Zhang, XH. (2016). Bromine-substituted triphenylamine derivatives with improved hole-mobility for highly efficient green phosphorescent OLEDs with a low operating voltage. 4: 10301-10308. http://dx.doi.org/10.1039/c6tc03020c.

Duan, L; Xie, J; Zhang, D; Wang, L; Dong, G; Qiao, J; Qiu, Y. (2008). Nanocomposite thin film based on ytterbium fluoride and N,N'-Bis(1-naphthyl)-N,N'-diphenyl-1,1'-biphenyl-4,4'-diamine and its application in organic light emitting diodes as hole transport layer. J Phys Chem C 112: 11985-11990. http://dx.doi.org/10.1021/jp8040555.

Duan, XB; Jiang, ZQ; Yu, G; Lu, P; Liu, YQ; Xu, XJ; Zhu, DB. (2005). Blue organic electroluminescent device with tetra(beta-naphthyl)silane as hole blocking materials. Thin Solid Films 478: 121-124. http://dx.doi.org/10.1016/j.tsf.2004.10.023.

Duan, Y, u; He, F; Chen, P; Zhao, Y, i; Liu, S; Ma, Y. (2008). Small-molecular white organic light-emitting devices employing 2, 5, 2 ', 5 '-tetra (p-trifluoromethylstyryl)-biphenyl as single-emitting component. Optical and Quantum Electronics 40: 57-63. http://dx.doi.org/10.1007/s11082-008-9232-7.

Ebrahimi, M; Guo, S, iYue; Huang, K, ai; Lim, T; Mcnab, IR; Ning, Z; Polanyi, JC; Shapero, M; Yang, J. (2012). Effect of Alkyl Chain-Length on Dissociative Attachment: 1-Bromoalkanes on Si(100)-c(4x2). J Phys Chem C 116: 10129-10137. http://dx.doi.org/10.1021/jp301773m.

Edgren, G; Liang, L; Adami, HO; Chang, ET. (2012). Enigmatic sex disparities in cancer incidence. Eur J Epidemiol 27: 187-196. http://dx.doi.org/10.1007/s10654-011-9647-5.

Eisenberg, J; Ramsey, J. (2010). Health Hazard Evaluation Report: HETA-2008-0175-3111, New Jersey Department of Health and Senior Services, July 2010. Evaluation of 1-Bromopropane Use in Four New Jersey Commercial Dry Cleaning Facilities. (NTIS/12290078). National Board of Labour Protection (Finland).

El Ramy, R; Ould Elhkim, M; Lezmi, S; Poul, JM. (2007). Evaluation of the genotoxic potential of 3-monochloropropane-1,2-diol (3-MCPD) and its metabolites, glycidol and beta-chlorolactic acid, using the single cell gel/comet assay. Food Chem Toxicol 45: 41-48. http://dx.doi.org/10.1016/j.fct.2006.07.014.

El-Zein, RA; Lopez, MS; D'Amelio, AM; Liu, M; Munden, RF; Christiani, D; Su, L; Tejera-Alveraz, P; Zhai, R; Spitz, MR; Etzel, CJ. (2014). The cytokinesis-blocked micronucleus assay as a strong predictor of lung cancer: extension of a lung cancer risk prediction model. Cancer Epidemiol Biomarkers Prev 23: 2462-2470. http://dx.doi.org/10.1158/1055-9965.EPI-14-0462.

Emelyanova, I; Ali, R; Dawes, W; Varma, S; Hodgson, G; Mcfarlane, D. (2013). Evaluating the cumulative rainfall deviation approach for projecting groundwater levels under future climate. Journal of Water and Climate 4: 317-337. http://dx.doi.org/10.2166/wcc.2013.068.

Engi, M; Cheburkin, AK; Koppel, V. (2002). Nondestructive chemical dating of young monazite using XRF. 1. Design of a mini-probe, age data for samples from the Central Alps, and comparison to U-Pb (TIMS) data. Chem Geol 191: 225-241.

Espinoza, L; Huguet, T; Julier, B. (2012). Multi-population QTL detection for aerial morphogenetic traits in the model legume Medicago truncatula. Theor Appl Genet 124: 739-754. http://dx.doi.org/10.1007/s00122-011-1743-0.

ET, S; Singh, J; KL, K; JJ, S. (1994). Propylene oxide mutagenesis at template cytosine residues. Environ Mol Mutagen 23(4): 274-280. (Supported by the Center for Indoor Air Research and NIH. Authors affiliated with. Environ Mol Mutagen 23: 274-280.

Fan, C; Chen, Y; Liu, Z; Jiang, Z; Zhong, C; Ma, D; Qin, J; Yang, C. (2013). Tetraphenylsilane derivatives spiro-annulated by triphenylamine/carbazole with enhanced HOMO energy levels and glass transition temperatures without lowering triplet energy: host materials for efficient blue phosphorescent OLEDs. 1: 463-469. http://dx.doi.org/10.1039/c2tc00082b.

Fan, C; Zhu, L; Jiang, B, ei; Li, Y; Zhao, F; Ma, D; Qin, J; Yang, C. (2013). High Power Efficiency Yellow Phosphorescent OLEDs by Using New Iridium Complexes with Halogen-Substituted 2-Phenylbenzo[d]thiazole Ligands. J Phys Chem C 117: 19134-19141. http://dx.doi.org/10.1021/jp406220c.

Fan, YL; Hwang, KS; Su, SC. (2008). Improvement of the dimensional stability of powder injection molded compacts by adding swelling inhibitor into the debinding solvent. Metallurgical and Materials Transactions A 39A: 395-401. http://dx.doi.org/10.1007/s11661-007-9351-y.

Fang, Y; Gao, SL; Yang, X; Shuai, Z; Beljonne, D; Bredas, JL. (2004). Charge-transfer states and white emission in organic light-emitting diodes: a theoretical investigation. Synthetic Metals 141: 43-49. http://dx.doi.org/10.1016/j.synthmet.2003.09.022.

Fang, Z; Miao, R; Yang, D; Ji, J; Wu, W; Zhang, Y; Ji, Z; Shi, Y; Zhu, B. (2015). [Effects of 1-bromopropane on liver and kidney functions of exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 357-358.

Fang, Z; Miao, R; Yang, D; Wang, Y; Zhang, M; Zhang, Y. (2014). [Review of investigation in 1-bromopropane poisoning] [Review]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 32: 954-958.

Fazlollahi, F; Sarkari, M; Zare, A; Mirzaei, A, liA; Atashi, H. (2012). Development of a kinetic model for Fischer-Tropsch synthesis over Co/Ni/Al2O3 catalyst. J Ind Eng Chem 18: 1223-1232. http://dx.doi.org/10.1016/j.jiec.2011.10.011.

Feng, C; Yi, M; Yu, S; Hummelgen, I, voA; Zhang, T; Ma, D. (2008). Hybrid permeable metal-base transistor with large common-emitter current gain and low operational voltage. J Nanosci Nanotechnol 8: 2037-2043. http://dx.doi.org/10.1166/jnn.2008.054.

Feng, J; Liu, Y; Li, F; Wang, Y; Liu, SY. (2003). Chromaticity-stable organic white light-emitting devices based on mixed pyridine-phenol boron complex. Optical and Quantum Electronics 35: 259-265.

Feng, J; Liu, Y; Li, F; Wang, Y; Liu, SY. (2003). Thickness dependent emission color of organic white light-emitting devices. Synthetic Metals 137: 1101-1102. http://dx.doi.org/10.1016/S0379-6779(02)01098-6.

Ferrante, V; Mugnai, C; Ferrari, L; Marelli, SP; Spagnoli, E; Lolli, S. (2016). Stress and reactivity in three Italian chicken breeds. Italian Journal of Animal Science 15: 303-309. http://dx.doi.org/10.1080/1828051X.2016.1185978.

Flynn, MR. (2007). Analysis of exposure biomarker relationships with the Johnson SBB distribution. Ann Occup Hyg 51: 533-541. http://dx.doi.org/10.1093/annhyg/mem033.

Forsythe, EW; Abkowitz, MA; Gao, YL; Tang, CW. (2000). Influence of copper phthalocynanine on the charge injection and growth modes for organic light emitting diodes. Journal of Vacuum Science and Technology A 18: 1869-1874.

Fate Literature Search Results

Off Topic

Forsythe, EW; Choong, VE; Le, TQ; Gao, YL. (1999). Interface analysis of naphthyl-substituted benzidine derivative and tris-8-(hydroxyquinoline) aluminum using ultraviolet and x-ray photoemission spectroscopy. Journal of Vacuum Science and Technology A 17: 3429-3432.

Frasch, HF; Dotson, GS; Barbero, AM. (2011). In vitro human epidermal penetration of 1-bromopropane. J Toxicol Environ Health A 74: 1249-1260. http://dx.doi.org/10.1080/15287394.2011.595666.

Freitag, P; Reineke, S; Olthof, S; Furno, M; Luessem, B; Leo, K. (2010). White top-emitting organic light-emitting diodes with forward directed emission and high color quality. Organic Electronics 11: 1676-1682. http://dx.doi.org/10.1016/j.orgel.2010.07.017.

Fu, H, uiY; Sun, XY, u; Gao, X, inD; Xiao, F, ei; Shao, BX. (2009). Synthesis and characterization of benzothiazole derivatives for blue electroluminescent devices. Synthetic Metals 159: 254-259. http://dx.doi.org/10.1016/j.synthmet.2008.09.013.

Fu, H; Wu, H; Hou, X; Xiao, F, ei; Shao, B. (2007). Isophorone derivative as red dopant for organic electroluminescent devices. Curr Appl Phys 7: 697-701. http://dx.doi.org/10.1016/j.cap.2007.02.003.

Fu, H, uiY; Wu, HR; Hou, XY; Xiao, F, ei; Shao, BX. (2006). N-aryl carbazole derivatives for non-doped red OLEDs. Synthetic Metals 156: 809-814. http://dx.doi.org/10.1016/j.synthmet.2006.04.013.

Fu, H, uiY; Ye, XT; Zhong, G, aoyu; Zhong, Z, hiY; Xiao, F, ei. (2010). White organic light-emitting diodes based on benzothiazole derivative. Curr Appl Phys 10: 1326-1330. http://dx.doi.org/10.1016/j.cap.2010.04.002.

Fu, H; Zhan, Y; Xu, J; Hou, X; Xiao, F, ei. (2006). Red fluorescent materials based on naphthylamine for non-doping OLEDs. Optical Materials 29: 348-354. http://dx.doi.org/10.1016/j.optmat.2005.09.074.

Fu, Z; Wang, W; Liu, L; Zhang, X; Miu, R; Zhu, B. (2015). [Effects of 1-bromopropane on blood glucose of exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 353-354.

Fueta, Y; Ishidao, T; Arashidani, K; Endo, Y; Hori, H. (2002). Hyperexcitability of the hippocampal CA1 and the dentate gyrus in rats subchronically exposed to a substitute for chlorofluorocarbons, 1-bromopropane vapor. J Occup Health 44: 156-165. http://dx.doi.org/10.1539/joh.44.156.

Fueta, Y; Ishidao, T; Kasai, T; Hori, H; Arashidani, K. (2000). Decreased paired-pulse inhibition in the dentate gyrus of the brain in rats exposed to 1-bromopropane vapor [Letter]. J Occup Health 42: 149-151. http://dx.doi.org/10.1539/joh.42.149.

Fukunaga, T; Umeno, H. (2010). Implementation and Evaluation of Improvement in Parallel Processing Performance on the Cluster Using Small-Scale SMP PCs. Electronics and Communications in Japan 93: 1-11. http://dx.doi.org/10.1002/ecj.10315.

Fulka, H; Martinkova, S; Kyogoku, H; Langerova, A; Fulka, J, Jr. (2012). Production of Giant Mouse Oocyte Nucleoli and Assessment of Their Protein Content. J Reprod Dev 58: 371-376.

Furimsky, E; Zheng, L; Boudreau, F; Kovacik, G. (1993). ENTRAINED BED GASIFICATION OF COAL - PREDICTION OF CONTAMINANT LEVELS USING THERMODYNAMIC CALCULATIONS. 46: 379-385.

Gao, CJ; Liu, L; Ma, W; Zhu, NZ; Jiang, L; Li, Y; Kannan, K. (2015). Benzonphenone-type UV filters in urine of Chinese young adults: Concentration, source and exposure. Environ Pollut 203: 1-6. http://dx.doi.org/10.1016/j.envpol.2015.03.036.

Gao, J; You, H; Qin, ZP; Fang, JF; Ma, DG; Zhu, XH; Huang, W. (2005). High efficiency polymer electrophosphorescent light-eimitting diodes. Semiconductor Science and Technology 20: 805-808. http://dx.doi.org/10.1088/0268-1242/20/8/029.

Gao, L; Yuan, T; Zhou, C; Cheng, P; Bai, Q; Ao, J; Wang, W; Zhang, H. (2013). Effects of four commonly used UV filters on the growth, cell viability and oxidative stress responses of the Tetrahymena thermophila. Chemosphere 93: 2507-2513. http://dx.doi.org/10.1016/j.chemosphere.2013.09.041.

Gao, WB; Sun, JX; Yang, KX; Liu, HY; Zhao, JH; Liu, SY. (2003). Improved performances of the organic light-emitting devices by doping in the mixed layer. Optical and Quantum Electronics 35: 1149-1155.

Gao, WB; Yang, KX; Liu, HY; Feng, J; Hou, JY; Liu, SY. (2003). Doping in mixed layer can improve the performances of organic light-emitting devices. Synthetic Metals 137: 1529-1530. http://dx.doi.org/10.1016/S0379-6779(02)01222-5.

Gao, Y, hui; Kang, Z, hijie; Tang, Q; Zhang, G; Wang, J, in; Bo, B, aoxue; Jiang, W, enL; Su, B, in. (2016). Improvement of OLEDs' performance with graphene doped in NPB as hole transport layer. Journal of Materials Science: Materials in Electronics 27: 5676-5679. http://dx.doi.org/10.1007/s10854-016-4477-6.

Gao, ZQ; Lee, CS; Bello, I; Lee, ST. (2000). White light electroluminescence from a hole-transporting layer of mixed organic materials. Synthetic Metals 111: 39-42.

Gao, ZQ; Lee, CS; Bello, I; Lee, ST; Wu, SK; Yan, ZL; Zhang, XH. (1999). Blue organic electroluminescence of 1,3,5-triaryl-2-pyrazoline. Synthetic Metals 105: 141-144.

Garde, A; Sornmo, L; Jane, R; Giraldo, BF. (2010). Correntropy-Based Spectral Characterization of Respiratory Patterns in Patients With Chronic Heart Failure. IEEE Trans Biomed Eng 57: 1964-1972. http://dx.doi.org/10.1109/TBME.2010.2044176.

Garde, A; Sörnmo, L; Jané, R; Giraldo, BF. (2010). Breathing pattern characterization in chronic heart failure patients using the respiratory flow signal. Ann Biomed Eng 38: 3572-3580. http://dx.doi.org/10.1007/s10439-010-0109-0.

Genc, TO; Yilmaz, F; Inanan, BE; Yorulmaz, B; Utuk, G. (2015). APPLICATION OF MULTI-METAL BIOACCUMULATION INDEX AND BIOAVAILABILITY OF HEAVY METALS IN Unio sp. (UNIONIDAE) COLLECTED FROM TERSAKAN RIVER, MUGLA, SOUTH-WEST TURKEY. Fresen Environ Bull 24: 208-215.

Ghatak, KP; Bhattacharya, S; Saikia, H; Baruah, D; Saikia, A; Singh, KM; Ali, A; Mitra, SN; Bose, PK; Sinha, A. (2006). The Debye screening length in ultrathin films of nonlinear optical, optoelectronic, and related materials: Simplified theory and suggestion for experimental determination. Journal of Computational and Theoretical Nanoscience 3: 727-751.

Gilhooly, WP, III; Carney, RS; Macko, SA. (2007). Relationships between sulfide-oxidizing bacterial mats and their carbon sources in northern Gulf of Mexico cold seeps. Organic Geochemistry 38: 380-393. http://dx.doi.org/10.1016/j.orggeochem.2006.06.005.

Goel, A; Kumar, V; Singh, SP; Sharma, A; Prakash, S; Singh, C; Anand, RS. (2012). Non-aggregating solvatochromic bipolar benzo[f]quinolines and benzo[a] acridines for organic electronics. J Mater Chem 22: 14880-14888. http://dx.doi.org/10.1039/c2jm31052j.

Fate Literature Search Results

Off Topic

Gong, MS; Lee, HS; Jeon, YM, in. (2010). Highly efficient blue OLED based on 9-anthracene-spirobenzofluorene derivatives as host materials. J Mater Chem 20: 10735-10746. http://dx.doi.org/10.1039/c0jm00593b.

Gong, S; Zhao, Y; Yang, C; Zhong, C; Qin, J; Ma, D. (2010). Tuning the Photophysical Properties and Energy Levels by Linking Spacer and Topology between the Benzimidazole and Carbazole Units: Bipolar Host for Highly Efficient Phosphorescent OLEDs. J Phys Chem C 114: 5193-5198. http://dx.doi.org/10.1021/jp100034r.

Gorgun, S; Akpinar, MA, li. (2012). Purification and Characterization of Lipase from the Liver of Carp, Cyprinus carpio L. (1758), Living in Lake Todurge (Sivas, Turkiye). Turkish Journal of Fisheries and Aquatic Sciences 12: 207-215. http://dx.doi.org/10.4194/1303-2712-v12_2_03.

Gorley, PN; Vorobiev, YV; Makhniy, VP; Parfenyuk, O; Ilashchuk, M; Gonzalez-Hernandez, J; Horley, PP. (2003). Electric and photoelectric properties of semi-insulating crystals of CdTe : Pb. Mater Sci Eng B 99: 584-587.

Graul, F. (2012). Summary of data on workplace exposure to n-Propylbromide. Arlington, Va: Graul, F. http://ntp.niehs.nih.gov/ntp/roc/nominations/2012/publiccomm/graul_bp20120228.pdf.

Gu, J, uFen; Xie, G, uoHua; Zhang, L; Chen, S, huFen; Lin, ZQ; Zhang, ZS; Zhao, JF; Xie, LH, ai; Tang, C; Zhao, Y, i; Liu, S, hiY; Huang, W, ei. (2010). Dumbbell-Shaped Spirocyclic Aromatic Hydrocarbon to Control Intermolecular pi-pi Stacking Interaction for High-Performance Nondoped Deep-Blue Organic Light-Emitting Devices. Journal of Physical Chemistry Letters 1: 2849-2853. http://dx.doi.org/10.1021/jz101039d.

Guan, M, in; Chen, Z; Bian, Z; Liu, Z; Gong, Z; Baik, W; Lee, H; Huang, C. (2006). The host materials containing carbazole and oxadiazole fragment for red triplet emitter in organic light-emitting diodes. Organic Electronics 7: 330-336. http://dx.doi.org/10.1016/j.orgel.2006.04.006.

Guo, FW; Ma, DG. (2006). High efficiency white organic light-emitting diodes based on double recombination zones. Optical Materials 28: 966-969. http://dx.doi.org/10.1016/j.optmat.2005.05.006.

Guo, FW; Ma, DG; Wang, LX; Jing, XB; Wang, FS. (2005). High efficiency white organic light-emitting devices by effectively controlling exciton recombination region. Semiconductor Science and Technology 20: 310-313. http://dx.doi.org/10.1088/0268-1242/20/3/010.

Guo, J; Wu, C; Zhou, Z. (2016). [Advances in detection methods for 1-bromopropane and its metabolites]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 34: 62-65.

Gusev, AN; Shul'gin, VF; Nishimenko, G; Hasegawa, M; Linert, W. (2013). Photo- and electroluminescent properties europium complexes using bistriazole ligands. Synthetic Metals 164: 17-21. http://dx.doi.org/10.1016/j.synthmet.2012.12.020.

Gutiérrez-Millán, LE; Peregrino-Uriarte, AB; Sotelo-Mundo, R; Vargas-Albores, F; Yepiz-Plascencia, G. (2002). Sequence and conservation of a rRNA and tRNAVal mitochondrial gene fragment from Penaeus californiensis and comparison with Penaeus vannamei and Penaeus stylirostris. Mar Biotechnol 4: 392-398. http://dx.doi.org/10.1007/s10126-002-0008-y.

Guyton, KZ; Kyle, AD; Aubrecht, J; Cogliano, VJ; Eastmond, DA; Jackson, M; Keshava, N; Sandy, MS; Sonawane, B; Zhang, LP; Waters, MD; Smith, MT. (2009). Improving prediction of chemical carcinogenicity by considering multiple mechanisms and applying toxicogenomic approaches [Review]. Mutat Res Rev Mutat Res 681: 230-240. http://dx.doi.org/10.1016/j.mrrev.2008.10.001.

Han, IK; Kim, JH; Piao, XS; Bae, SH; Han, YK. (1998). Evaluation of Bio-V-Pro (R) as an alternative protein source in broiler diets. Asian-Australas J Anim Sci 11: 71-77.

Han, Q; Tian, X; Zhang, G; Yan, Y; Jiang, W; Xing, S. (2015). Doping Concentration of Fluorescent Dyes on the Properties of Yellow Organic Electroluminescent Devices. Nanoscience and Nanotechnology Letters 7: 661-664. http://dx.doi.org/10.1166/nnl.2015.2024.

Han, W, ei; Tian, X; Zhang, G; Yan, Y; Jiang, W; Lang, J; Xing, S. (2015). High Performance Yellow Green Organic Light-Emitting Devices Based on Ir(ppy)(3). Nanoscience and Nanotechnology Letters 7: 806-810. http://dx.doi.org/10.1166/nnl.2015.2034.

Hanley, K; Curwin, B; Sanderson, W; Johnson, B. (2005). Workers' exposures to n- propyl bromide in two foam fabricating plants manufacturing furniture polyurethane seat cushions in north carolina. Hanley, K; Curwin, B; Sanderson, W; Johnson, B.

Hanley, KW; Dunn, K. (2006). Workers' exposures to n-propyl bromide at a helicopter transmission factory. Hanley, KW; Dunn, K.

Hanley, KW; Petersen, M; Curwin, BD; Sanderson, WT. (2006). Urinary bromide and breathing zone concentrations of 1-bromopropane from workers exposed to flexible foam spray adhesives. Ann Occup Hyg 50: 599-607. http://dx.doi.org/10.1093/annhyg/mel020.

Hanley, KW; Petersen, MR; Cheever, KL; Luo, L. (2009). N-acetyl-S-(n-propyl)-l-cysteine in urine from workers exposed to 1-bromopropane in foam cushion spray adhesives. Ann Occup Hyg 53: 759-769. http://dx.doi.org/10.1093/annhyg/mep051.

Hanley, KW; Petersen, MR; Cheever, KL; Luo, L. (2010). Bromide and N-acetyl-S-(n-propyl)-L-cysteine in urine from workers exposed to 1-bromopropane solvents from vapor degreasing or adhesive manufacturing. Int Arch Occup Environ Health 83: 571-584. http://dx.doi.org/10.1007/s00420-010-0524-4.

Hao, J; Deng, Z; Yang, S. (2006). Relationship between exciton recombination zone and applied voltage in organic light-emitting diodes. Displays 27: 108-111. http://dx.doi.org/10.1016/j.displa.2006.01.001.

Hao, Q; Zhao, D; Duan, H; Zhou, Q; Xu, C. (2015). Si/Ag composite with bimodal micro-nano porous structure as a high-performance anode for Li-ion batteries. Nanoscale 7: 5320-5327. http://dx.doi.org/10.1039/c4nr07384c.

Hao, Y; Meng, W; Xu, H; Wang, H, ua; Liu, X; Xu, B. (2011). White organic light-emitting diodes based on a novel Zn complex with high CRI combining emission from excitons and interface-formed electroplex. Organic Electronics 12: 136-142. http://dx.doi.org/10.1016/j.orgel.2010.10.019.

Haq, K, ul; Shan-Peng, L, iu; Khan, MA; Jiang, XY; Zhang, ZL; Cao, J, in; Zhu, WQ. (2009). Red organic light-emitting diodes with high efficiency, low driving voltage and saturated red color realized via two step energy transfer based on ADN and Alq(3) co-host system. Curr Appl Phys 9: 257-262. http://dx.doi.org/10.1016/j.cap.2008.02.005.

Haq, K, ul; Shan-peng, L; Khan, MA; Jiang, XY; Zhang, ZL; Zhu, WQ. (2008). Red organic light-emitting diodes based on wide band gap emitting material as the host utilizing two-step energy transfer. Semiconductor Science and Technology 23. http://dx.doi.org/10.1088/0268-1242/23/3/035024.

Fate Literature Search Results

Off Topic

Harney, JM; Nemhauser, JB; Reh, CM; Trout, D; Schrader, S. (2003). NIOSH Health Hazard Evaluation Report: HETA No. 99-0260-2906, Marx Industries, Inc., Sawmills, North Carolina. (NTIS/02928130). National Board of Labour Protection (Finland).

Hashemimajd, K; Jamaati-E-Somarin, S. (2011). CONTRIBUTION OF ORGANIC BULKING MATERIALS ON CHEMICAL QUALITY OF SEWAGE SLUDGE VERMICOMPOST. Ciencia e Agrotecnologia 35: 1077-1084.

Havare, AK; Can, M; Yagmurcukardes, N; Yigit, MZ; Aydin, H; Okur, S; Demic, S; Icli, S. (2016). Investigation of the Electrical Parameters of the Organic Diode Modified with 4-[(3-Methylphenyl)(phenyl)amino] Benzoic Acid. 5: P239-P244. http://dx.doi.org/10.1149/2.0131605jss.

He, J; Liu, H; Dai, Y; Ou, X; Wang, J; Tao, S; Zhang, X; Wang, P; Ma, D. (2009). Nonconjugated Carbazoles: A Series of Novel Host Materials for Highly Efficient Blue Electrophosphorescent OLEDs. J Phys Chem C 113: 6761-6767. http://dx.doi.org/10.1021/jp808801q.

He, L, in; Liu, J; Wu, Z; Wang, D; Liang, S; Zhang, X; Jiao, B, o; Wang, D; Hou, X, un. (2010). Solution-processed small molecule thin films and their light-emitting devices. Thin Solid Films 518: 3886-3890. http://dx.doi.org/10.1016/j.tsf.2009.11.002.

He, P. (2007). Growth behaviour and electronic properties of organic semiconductors on metal surfaces. International Journal of Nanotechnology 4: 100-109.

He, SJ; White, R; Wang, DK; Zhang, J; Jiang, N; Lu, ZH. (2014). A simple organic diode structure with strong rectifying characteristics. Organic Electronics 15: 3370-3374. http://dx.doi.org/10.1016/j.orgel.2014.09.018.

Hendricks, TJ; Karri, NK. (2009). Micro- and Nano-Technology: A Critical Design Key in Advanced Thermoelectric Cooling Systems. Journal of Electronic Materials 38: 1257-1267. http://dx.doi.org/10.1007/s11664-009-0709-3.

Hewson, I; Fuhrman, JA. (2006). Improved strategy for comparing microbial assemblage fingerprints. Microb Ecol 51: 147-153. http://dx.doi.org/10.1007/s00248-005-0144-9.

HM, S; HA, A-W; M, M. (2008). Gamma-aminobutyric acid, a potential tumor suppressor for small airway-derived lung adenocarcinoma. Carcinogenesis 29(10): 1979-1985. (Supported by the National Cancer Institute. Authors affiliated with. Carcinogenesis 29: 1979-1985. http://dx.doi.org/10.1093/carcin/bgn041.

Hoanh, TD; Im, YH; Kim, DE, un; Kwon, YS, oo; Lee, BJ. (2012). Synthesis and Electroluminescent Properties of Bis(3H-1,2,3-triazolo-[4,5-b]pyridine-3-ol)zinc Zn(TAP)(2). Journal of Nanomaterials. http://dx.doi.org/10.1155/2012/451306.

Hoanh, TD, ac; Kim, I, kH; Kim, DE, un; Shin, HK, yu; Kwon, YS, oo; Chang, SM, ok; Lee, BJ. (2014). Synthesis and Electroluminescent Properties of a Novel Electroluminescence Material of Bis-2-(4-(diphenylphosphino)phenyl)benzo[d]oxazole (DPB). J Nanosci Nanotechnol 14: 5889-5893. http://dx.doi.org/10.1166/jnn.2014.8413.

Hongmei, Z; Jianjian, X; Wenjin, Z; Wei, H. (2014). Effect of PEDOT:PSS vs. MoO3 as the hole injection layer on performance of C545T-based green electroluminescent light-emitting diodes. Displays 35: 171-175. http://dx.doi.org/10.1016/j.displa.2014.04.004.

Hsia, AP; Wen, TJ; Chen, HD; Liu, Z; Yandeau-Nelson, MD; Wei, Y; Guo, L; Schnable, PS. (2005). Temperature gradient capillary electrophoresis (TGCE)--a tool for the high-throughput discovery and mapping of SNPs and IDPs. Theor Appl Genet 111: 218-225. http://dx.doi.org/10.1007/s00122-005-1997-5.

Hsu, CM; Liu, CF; Cheng, HE; Wu, WT. (2006). Low-temperature nickel-doped indium tin oxide anode for flexible organic light-emitting devices. Journal of Electronic Materials 35: 383-387.

Hu, J; Zhang, G; Shih, HH; Sun, P; Cheng, CH. (2008). Synthesis and luminescent properties of Ir complexes with fluorine substituted phenylpyridine derivative ligands. Synthetic Metals 158: 912-916. http://dx.doi.org/10.1016/j.synthmet.2008.06.012.

Hu, YM; Li, RH; He, Y; Zhang, XQ; Li, MQ; Zhu, Y; Yi, JH; Fu, RC, h. (2014). Molecular beam deposition and polymerization of parylene-N ultrathin films: Effective buffers in organic light emitting diodes. Appl Surf Sci 314: 1070-1073. http://dx.doi.org/10.1016/j.apsusc.2014.06.036.

Hu, YX, u; Zhao, GW, ei; Dong, Y, an; Lu, Y, anLi; Li, X; Zhang, DY, u. (2017). New rhenium(I) complex with thiadiazole-annelated 1,10-phenanthroline for highly efficient phosphorescent OLEDs. Dyes and Pigments 137: 569-575. http://dx.doi.org/10.1016/j.dyepig.2016.10.048.

Hua, J, ie; Sun, D; Wang, Y, u; Gao, D, i; Wang, J, in; Jiang, W, enL; Ouyang, X, inHua; Zeng, H, eP. (2014). Efficient and Good Color Quality Single-Emitting-Layer Fluorescent White Organic Light-Emitting Diode Employing a Novel 8-Hydroxyquinoline Derivative as Yellow Emissive Component. Nanoscience and Nanotechnology Letters 6: 1040-1045. http://dx.doi.org/10.1166/nnl.2014.1921.

Huang, CJ; Chen, K, anLin; Chou, D, eiWei; Lee, Y, uC; Kang, CC. (2014). Enhancing Color Purity and Stable Efficiency of White Organic Light Diodes by Using Hole-Blocking Layer. Journal of Nanomaterials. http://dx.doi.org/10.1155/2014/915894.

Huang, D, a; Tan, Y; Sun, Y; Zheng, C; Wang, Z. (2015). Quantum chemical calculation study on terphenyl arylamines hole transport materials. Society for Information Display Journal 23: 182-185. http://dx.doi.org/10.1002/jsid.320.

Huang, H; Wang, Y; Zhuang, S; Yang, X; Wang, L, ei; Yang, C. (2012). Simple Phenanthroimidazole/Carbazole Hybrid Bipolar Host Materials for Highly Efficient Green and Yellow Phosphorescent Organic Light-Emitting Diodes. J Phys Chem C 116: 19458-19466. http://dx.doi.org/10.1021/jp305764b.

Huang, HH; Chu, SY; Kao, P, oC; Chen, YC. (2008). High efficiency white organic light emitting diodes using Rubrene doped N,N '-bis-(1-naphthyl)-N,N '-diphenyl-1,1 '-biphenyl-4,4 '-diamine as an emitting layer. Thin Solid Films 516: 5669-5672. http://dx.doi.org/10.1016/j.tsf.2007.07.082.

Huang, HH; Chu, SY; Kao, PC; Chen, YC. (2008). Improvement of highly efficient organic light-emitting diodes using Mg-doped ZnO buffer layers. Thin Solid Films 516: 5664-5668. http://dx.doi.org/10.1016/j.tsf.2007.07.081.

Huang, HH; Chu, SY; Kao, PC; Chen, YC; Yang, MR; Tseng, ZL. (2009). Enhancement of hole-injection and power efficiency of organic light emitting devices using an ultra-thin ZnO buffer layer. J Alloy Comp 479: 520-524. http://dx.doi.org/10.1016/j.jallcom.2008.12.122.

Huang, J, inZ; Xu, Z; Zhao, S, uL; Zhang, F, uJun; Wang, Y. (2007). Luminescence properties of type-II quantum well light-emitting diodes formed with NPB and Alq(3). Appl Surf Sci 253: 4542-4545. http://dx.doi.org/10.1016/j.apsusc.2006.10.005.

Huang, J; Yi, M; Hummelgen, I, voA; Ma, D. (2009). Ambipolar permeable metal-base transistor based on NPB/C-60 heterojunction. Organic Electronics 10: 210-213. http://dx.doi.org/10.1016/j.orgel.2008.10.019.

Fate Literature Search Results

Off Topic

Huang, MC; Chao, JS. (2001). Regulatory sequences in the 5 ' flanking region of goat beta-casein gene. Asian-Australas J Anim Sci 14: 1628-1633.

Huang, W, enC; Chen, CC. (2011). Electrical characteristics and inhomogeneous barrier analysis of Al/NPB/p-Si Schottky diodes. Microelectron Eng 88: 287-292. http://dx.doi.org/10.1016/j.mee.2010.11.023.

Huang, W, enC; Horng, CT; Cheng, J, inC; Chen, CC. (2011). The current-voltage-temperature characteristics of Al/NPB/p-Si contact. Microelectron Eng 88: 597-600. http://dx.doi.org/10.1016/j.mee.2010.06.021.

Huang, YJ; Huang, CW; Lin, TH; Lin, CT; Chen, LG; Hsiao, PY; Wu, BR; Hsueh, HT; Kuo, BJ; Tsai, HH; Liao, HH; Juang, YZ; Wang, CK; Lu, SS. (2013). A CMOS cantilever-based label-free DNA SoC with improved sensitivity for hepatitis B virus detection. I E E E Transactions on Biomedical Circuits and Systems 7: 820-831. http://dx.doi.org/10.1109/TBCAS.2013.2247761.

Huang, ZH; Zeng, XT; Kang, ET; Fuh, JYH; Lu, L; Sun, XY. (2006). Electrochemical treatment of ITO surface for performance improvement of organic light-emitting diode. Electrochemical and Solid-State Letters 9: H39-H42. http://dx.doi.org/10.1149/1.2191008.

Huang, ZH; Zeng, XT; Sun, XY; Kang, ET; Fuh, JYH; Lu, L. (2008). Influence of plasma treatment of ITO surface on the growth and properties of hole transport layer and the device performance of OLEDs. Organic Electronics 9: 51-62. http://dx.doi.org/10.1016/j.orgel.2007.08.002.

Huang, ZH; Zeng, XT; Sun, XY; Kang, ET; Fuh, JYH; Lu, L. (2009). Influence of electrochemical treatment of ITO surface on nucleation and growth of OLED hole transport layer. Thin Solid Films 517: 4810-4813. http://dx.doi.org/10.1016/j.tsf.2009.03.020.

Hughes, MA; Wood, J; Rosenberg, E. (2008). Polymer structure and metal ion selectivity in silica polyamine composites modified with sodium chloroacetate and nitriloacetic acid (NTA) anhydride. Ind Eng Chem Res 47: 6765-6774. http://dx.doi.org/10.1021/ie800359k.

Huh, D, alHo; Kim, GW, oo; Kim, GH; Kulshreshtha, C; Kwon, JH. (2013). High hole mobility hole transport material for organic light-emitting devices. Synthetic Metals 180: 79-84. http://dx.doi.org/10.1016/j.synthmet.2013.07.021.

Hui, L; Junsheng, Y; Nana, W; Chunhua, H; Yadong, J. (2008). Flexible organic light-emitting diodes with improved performance by insertion of an UV-sensitive layer. Journal of Vacuum Science and Technology Part B Microelectronics and Nanometer Structures 26: 1379-1381. http://dx.doi.org/10.1116/1.2953729.

Huixia, X; Yan, Y; Litao, Q; Yuying, H; Hua, W; Liuqing, C; Bingshe, X. (2013). Synthesis and characterization of blue-to-green electrophosphorescence emitter based on pyrazole iridium complexes. Dyes and Pigments 99: 67-73. http://dx.doi.org/10.1016/j.dyepig.2013.04.022.

Hwang, EJ; Kim, YE; Lee, CJ; Park, JW. (2006). Synthesis and luminescent properties of pentacene derivatives having a chromophore. Thin Solid Films 499: 185-191. http://dx.doi.org/10.1016/j.tsf.2005.07.018.

Hyman, J; Leifer, Z; Rosenkranz, HS. (1980). THE E.COLI POL A1- ASSAY. A QUANTITATIVE PROCEDURE FOR DIFFUSIBLE AND NON-DIFFUSIBLE CHEMICALS (pp. 107-111). (ISSN 0027-5107; EISSN 1873-135X; EMICBACK/34544). Hyman, J; Leifer, Z; Rosenkranz, HS.

IARC. (1994). Propylene oxide. In Some Industrial Chemicals. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, vol. 60. 181-213.

IARC (International Agency for Research on Cancer). (2000). Glycidol In Some Industrial Chemicals in IARC Monographs on the Evaluation of Carcinogenic Risks to Humans. Vol. 77, 469-486. Lyon, France. http://monographs.iarc.fr/ENG/Monographs/vol77/mono77-19.pdf.

Ichihara, G. (2005). Neuro-reproductive toxicities of 1-bromopropane and 2-bromopropane [Review]. Int Arch Occup Environ Health 78: 79-96. http://dx.doi.org/10.1007/s00420-004-0547-9.

Ichihara, G; Li, W; Ding, X; Peng, S; Yu, X; Shibata, E; Yamada, T; Wang, H; Itohara, S; Kanno, S; Sakai, K; Ito, H; Kanefusa, K; Takeuchi, Y. (2004). A survey on exposure level, health status, and biomarkers in workers exposed to 1-bromopropane. Am J Ind Med 45: 63-75. http://dx.doi.org/10.1002/ajim.10320.

Ichihara, G; Li, W; Shibata, E; Ding, X; Wang, H; Li, J; Huang, F; Peng, S; Gu, B; Ichihara, S; Takeuchi, Y. (2006). Exposure to 1-bromopropane adversely affects vibration sense and nerve conduction velocity of lower limbs and central nervous system in workers [Abstract]. Clin Toxicol 44: 668.

Ichihara, G; Li, W; Shibata, E; Ding, X; Wang, H; Liang, Y; Peng, S; Itohara, S; Kamijima, M; Fan, Q; Zhang, Y; Zhong, E; Wu, X; Valentine, WM; Takeuchi, Y. (2004). Neurologic abnormalities in workers of a 1-bromopropane factory. Environ Health Perspect 112: 1319-1325. http://dx.doi.org/10.1289/ehp.6995.

Ichihara, G; Miller, JK; Ziolkokwska, A; Itohara, S; Takeuchi, Y. (2002). Neurological disorders in three workers exposed to 1-bromopropane. J Occup Health 44: 1-7. http://dx.doi.org/10.1539/joh.44.1.

Ichihara, G; Miller, JK; Ziolkowska, A; Itohara, S; Takeuchi, Y. (2002). Neurological disorders in three workers exposed to 1-bromopropane (vol 44, pg 1, 2002). J Occup Health 44.

Ichihara, G; Wang, H; Zhang, L; Wakai, K; Li, W; Ding, X; Shibata, E; Zhou, Z; Wang, Q; Li, J; Ichihara, S; Takeuchi, Y. (2011). Dose-dependent neurologic abnormalities in workers exposed to 1-bromopropane: authors' response [Letter]. J Occup Environ Med 53: 1095-1098. http://dx.doi.org/10.1097/JOM.0b013e3182300a4f.

Ikehata, T; Shioya, K; Sato, NY; Yukimura, K. (2004). Positive pulse bias method for a high-throughput PBII processing system. Surf Coating Tech 186: 209-213. http://dx.doi.org/10.1016/j.surfcoat.2004.04.028.

Ise, K; Ishikawa, K; Li, CY; Ye, CR. (2002). Inheritance of resistance to rice stripe virus in rice line 'BL 1'. Euphytica 127: 185-191.

Ishidao, T; Fueta, Y; Ueno, S; Yoshida, Y; Hori, H. (2016). A cross-fostering analysis of bromine ion concentration in rats that inhaled 1-bromopropane vapor. J Occup Health 58: 241-246. http://dx.doi.org/10.1539/joh.15-0284-OA.

Ishihara, S; Hase, H; Okachi, T; Naito, H. (2011). Determination of charge carrier mobility in tris(8-hydroxy-quinolinato) aluminum by means of impedance spectroscopy measurements. Organic Electronics 12: 1364-1369. http://dx.doi.org/10.1016/j.orgel.2011.05.004.

Islam, A; Murugan, P; Hwang, KC; Cheng, CH. (2003). Blue light-emitting devices based on 1,8-acridinedione derivatives. Synthetic Metals 139: 347-353. http://dx.doi.org/10.1016/S0379-6779(03)00188-7.

Jackson, VR; Lin, SH; Wang, Z; Nothacker, HP; Civelli, O. (2006). A study of the rat neuropeptide B/neuropeptide W system using in situ techniques. J Comp Neurol 497: 367-383. http://dx.doi.org/10.1002/cne.20989.

Fate Literature Search Results

Off Topic

Jaeger, L; Schmidt, TD; Bruetting, W. (2016). Manipulation and control of the interfacial polarization in organic light-emitting diodes by dipolar doping. 6. http://dx.doi.org/10.1063/1.4963796.

Jain, RB. (2015). Levels of selected urinary metabolites of volatile organic compounds among children aged 6-11 years. Environ Res 142: 461-470. http://dx.doi.org/10.1016/j.envres.2015.07.023.

Jang, J, iG; Ji, HJ, in. (2012). Blue Phosphorescent Organic Light-Emitting Devices with the Emissive Layer of mCP:FCNIr(pic). Advances in Materials Science and Engineering. http://dx.doi.org/10.1155/2012/192731.

Jang, J, iG; Kim, W, onKi. (2010). High-efficiency red-phosphorescent organic light-emitting diode with the organic structure of 2-TNATA/Bebq(2):SFC-411/SFC-137. Society for Information Display Journal 18: 92-96. http://dx.doi.org/10.1889/JSID18.1.92.

Jang, J, inN; Song, BC; Lee, DH; Yoo, S, ukJae; Lee, B; Hong, M. (2011). Effects of neutral particle beam on nano-crystalline silicon thin films, with application to thin film transistor backplane for flexible active matrix organic light emitting diodes. Thin Solid Films 519: 6667-6672. http://dx.doi.org/10.1016/j.tsf.2011.04.135.

Jang, YK, i; Kim, DE, un; Kim, W, onSam; Kim, BS; Kwon, O, hK; Lee, BJ; Kwon, YS, oo. (2007). White OLEDs based on novel emissive materials such as Zn(HPB)(2) and Zn(HPB)q. Thin Solid Films 515: 5075-5078. http://dx.doi.org/10.1016/j.tsf.2006.10.098.

Jankus, V; Winscom, C; Monkman, AP. (2011). Critical Role of Triplet Exciton Interface Trap States in Bilayer Films of NPB and Ir(piq)(3). Adv Funct Mater 21: 2522-2526. http://dx.doi.org/10.1002/adfm.201002262.

Janzen, N; Banzhaf, S; Scheytt, T; Bester, K. (2009). Vertical flow soil filter for the elimination of micro pollutants from storm and waste water. Chemosphere 77: 1358-1365. http://dx.doi.org/10.1016/j.chemosphere.2009.09.024.

Jaroenram, W; Chaivisuthangkura, P; Owens, L. (2015). One base pair deletion and high rate of evolution: Keys to viral accommodation of Australian Penaeus stylirostris densovirus. Aquaculture 443: 40-48. http://dx.doi.org/10.1016/j.aquaculture.2015.03.003.

Jena, B; Manoharan, SS; Prakash, S. (2009). Specificity and Selectivity in Photoluminescent Properties of pi-Conjugated Benzheterazole Molecules. J Phys Chem C 113: 20942-20948. http://dx.doi.org/10.1021/jp907722g.

Jeon, T; Geffroy, B; Tondelier, D; Bonnassieux, Y; Forget, S; Chenais, S; Ishow, E. (2013). White organic light-emitting diodes with an ultra-thin premixed emitting layer. Thin Solid Films 542: 263-269. http://dx.doi.org/10.1016/j.tsf.2013.06.054.

Jeon, W, ooSik; Park, T, aeJin; Kim, KH; Pode, R; Jang, J, in; Kwon, JH. (2010). High efficiency red phosphorescent organic light-emitting diodes with single layer structure. Organic Electronics 11: 179-183. http://dx.doi.org/10.1016/j.orgel.2009.10.010.

Jeon, YM, in; Lee, I, nHo; Lee, HS; Gong, MS. (2011). Orange phosphorescent organic light-emitting diodes based on spirobenzofluorene type carbazole derivatives as a host material. Dyes and Pigments 89: 29-36. http://dx.doi.org/10.1016/j.dyepig.2010.08.015.

Jeon, YM, in; Lee, J, unY; Kim, JW, oo; Lee, CW, on; Gong, MS. (2010). Deep-blue OLEDs using novel efficient spiro-type dopant materials. Organic Electronics 11: 1844-1852. http://dx.doi.org/10.1016/j.orgel.2010.08.007.

Jeong, CH; Lim, JT; Kim, MS; Lee, JH; Bae, JW; Yeom, GY. (2007). Four-wavelength white organic light-emitting diodes using 4,4 '-bis-[carbazoyl-(9)]-stilbene as a deep blue emissive layer. Organic Electronics 8: 683-689. http://dx.doi.org/10.1016/j.orgel.2007.05.005.

Jeong, D; Lim, C; Kim, M; Jeong, K; Kim, J, aeHun; Kim, J; Park, J, inGoo; Min, KS, ik; Lee, J. (2017). Self-assembled monolayer modified MoO3/Au/MoO3 multilayer anodes for high performance OLEDs. Electronic Materials Letters 13: 16-24. http://dx.doi.org/10.1007/s13391-017-6381-5.

Jeong, H, aeJin; Ha, JH; Park, J, aeY; Kim, JH; Kang, N, amS; Kim, S; Kim, J, aeS; Du Yoo, Y; Yih, W, onHo. (2006). Distribution of the heterotrophic dinoflagellate Pfiesteria piscicida in Korean waters and its consumption of mixotrophic dinoflagellates, raphidophytes and fish blood cells. Aquatic Microbial Ecology 44: 263-278.

Jha, JK; Sun, W, ei; Santos-Ortiz, R; Du, J; Shepherd, ND. (2016). Electro-optical performance of molybdenum oxide modified aluminum doped zinc oxide anodes in organic light emitting diodes: A comparison to indium tin oxide. 6: 289-294. http://dx.doi.org/10.1166/mex.2016.1308.

Ji, Z; Miao, R; Zhu, B. (2015). [Latest research progress in biological exposure limits of 1-bromopropane]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 398-400.

Jia, WL; Feng, XD; Bai, DR; Lu, ZH; Wang, SN; Vamvounis, G. (2005). MeS2B(p-4,4 '-biphenyl-NPh(1-naphthyl)): A multifunctional molecule for electroluminescent devices. Chem Mater 17: 164-170. http://dx.doi.org/10.1021/cm048617t.

Jia, WL; Moran, MJ; Yuan, YY; Lu, ZH; Wang, SN. (2005). (1-Naphthyl)phenylamino functionalized three-coordinate organoboron compounds: syntheses, structures, and applications in OLEDs. J Mater Chem 15: 3326-3333. http://dx.doi.org/10.1039/b506840a.

Jia, Y; Duan, L; Zhang, D; Qiao, J; Dong, G; Wang, L; Qiu, Y. (2013). Low-Temperature Evaporable Re2O7: An Efficient p-Dopant for OLEDs. J Phys Chem C 117: 13763-13769. http://dx.doi.org/10.1021/jp400003m.

Jiang, MD, an; Lee, P, eiYu; Chiu, TL; Lin, HC; Lee, JH, aw. (2011). Optimizing hole-injection in organic electroluminescent devices by modifying CuPc/NPB interface. Synthetic Metals 161: 1828-1831. http://dx.doi.org/10.1016/j.synthmet.2011.06.010.

Jiang, S; Wang, J; Liu, D, an; Chen, L; Zhang, X; Xu, F, an; Sun, S; Jiang, H, ui; Ding, G; Wang, T; Bai, L; Zhang, F; Xu, Z. (2016). Mapping and candidate gene analysis for a new top spikelet abortion mutant in rice. Plant Breeding (Print) 135: 155-165. http://dx.doi.org/10.1111/pbr.12342.

Jiang, WL; Duan, Y; Zhao, Y; Hou, JY; Liu, SY. (2005). A novel efficient blue organic light emitting structure. Materials Science Forum 475-479: 3677-3679.

Jiang, X, ueYin; Zhang, Z, hiLin; Cao, J, in; Zhu, W, enQ. (2008). High stability and low driving voltage green organic light emitting diode with molybdenum oxide as buffer layer. Solid-State Electronics 52: 952-956. http://dx.doi.org/10.1016/j.sse.2008.01.017.

Jiang, X, ueYin; Zhang, Z, hiLin; Zhu, W, enQ; Xu, SH. (2006). Highly efficient and stable white organic light emitting diode with triply doped structure. Displays 27: 161-165. http://dx.doi.org/10.1016/j.displa.2006.05.002.

Jiang, XY; Zhang, ZL; Zhang, BX; Zhu, WQ; Xu, SH. (2002). Stable and current independent white-emitting organic diode. Synthetic Metals 129: 9-13.

Jiang, XY; Zhang, ZL; Zheng, XY; Wu, YZ; Xu, SH. (2001). A blue organic emitting diode from anthracene derivative. Thin Solid Films 401: 251-254.

Fate Literature Search Results

Off Topic

Jiang, Z; Liu, Z; Yang, C; Zhong, C; Qin, J; Yu, G, ui; Liu, Y. (2009). Multifunctional Fluorene-Based Oligomers with Novel Spiro-Annulated Triarylamine: Efficient, Stable Deep-Blue Electroluminescence, Good Hole Injection, and Transporting Materials with Very High T-g. Adv Funct Mater 19: 3987-3995. http://dx.doi.org/10.1002/adfm.200901534.

Jiang, Z; Xu, X; Zhang, Z; Yang, C; Liu, Z; Tao, Y; Qin, J; Ma, D. (2009). Diarylmethylene-bridged 4,4 '-(bis(9-carbazolyl))biphenyl: morphological stable host material for highly efficient electrophosphorescence. J Mater Chem 19: 7661-7665. http://dx.doi.org/10.1039/b910247g.

Jiang, Z; Ye, T; Yang, C; Yang, D; Zhu, M; Zhong, C; Qin, J; Ma, D. (2011). Star-Shaped Oligotriarylamines with Planarized Triphenylamine Core: Solution-Processable, High-T-g Hole-Injecting and Hole-Transporting Materials for Organic Light-Emitting Devices. Chem Mater 23: 771-777. http://dx.doi.org/10.1021/cm1018585.

Jianwei, L; Junxin, L; Lin, L. (2008). Performance of two biofilters with neutral and low pH treating off-gases. J Environ Sci 20: 1409-1414.

Jiao, B, o; Wu, Z; Yang, Z; Hou, X, un. (2013). Tandem organic light-emitting diodes with an effective nondoped charge-generation unit. Physica Status Solidi A: Applications and Materials Science (Print) 210: 2583-2587. http://dx.doi.org/10.1002/pssa.201330119.

Jiménez-Díaz, I; Artacho-Cordón, F; Vela-Soria, F; Belhassen, H; Arrebola, JP; Fernández, MF; Ghali, R; Hedhili, A; Olea, N. (2016). Urinary levels of bisphenol A, benzophenones and parabens in Tunisian women: A pilot study. Sci Total Environ 562: 81-88. http://dx.doi.org/10.1016/j.scitotenv.2016.03.203.

Jin, F; Chu, B, ei; Li, W; Su, Z; Zhao, B, o; Zhang, T; Yan, X; Gao, Y; Wu, H; Lee, CS; Zhu, J; Pi, H; Wang, J. (2013). The influence of donor material on achieving high photovoltaic response for organic bulk heterojunction cells with small ratio donor component. Organic Electronics 14: 1130-1135. http://dx.doi.org/10.1016/j.orgel.2013.01.026.

JL, W. (2012). Establishing the carcinogenic risk of immunomodulatory drugs. Toxicol Pathol 40(2): 267-271. (Support not reported. Author affiliated with U.S. Toxicol Pathol 40: 267-271. http://dx.doi.org/10.1177/0192623311427711.

Johnson, CW; Williams, WC; Copeland, CB; Devito, MJ; Smialowicz, RJ. (2000). Sensitivity of the SRBC PFC assay versus ELISA for detection of immunosuppression by TCDD and TCDD-like congeners. Toxicology 156: 1-11.

Joo, CW; Jeon, SO, k; Yook, KS, oo; Lee, J, unY. (2010). Red phosphorescent organic light-emitting diodes with indium tin oxide/single organic layer/Al simple device structure. Organic Electronics 11: 36-40. http://dx.doi.org/10.1016/j.orgel.2009.09.019.

Juang, F, uhS; Ji, LW, en; Tsai, Y, uS; Tseng, CC; Meen, TH. (2007). Effects of nitridation time on top-emission inverted organic light-emitting diodes. J Cryst Growth 305: 109-112. http://dx.doi.org/10.1016/j.jcrysgro.2007.03.049.

Jung, BJ; Lee, JI; Chu, HY; Do, LM; Lee, J; Shim, HK. (2005). A new family of bis-DCM based dopants for red OLEDs. J Mater Chem 15: 2470-2475. http://dx.doi.org/10.1039/b419408j.

Jung, K; Park, S; Lee, Y; Youn, Y; Shin, H, aeIn; Kim, H, anKi; Lee, H; Yi, Y. (2016). Energy level alignments at the interface of N,N '-bis-(1-naphthyl)-N,N '-diphenyl-1,1 '-biphenyl-4,4 '-diamine (NPB)/Ag-doped In2O3 and NPB/Sn-doped In2O3. Appl Surf Sci 387: 625-630. http://dx.doi.org/10.1016/j.apsusc.2016.06.157.

Kaczmarek, KA; Haase, SJ. (2003). Pattern identification and perceived stimulus quality as a function of stimulation waveform on a fingertip-scanned electrotactile display. IEEE Trans Neural Syst Rehabil Eng 11: 9-16. http://dx.doi.org/10.1109/TNSRE.2003.810421.

Kadekar, S; Peddada, S; Silins, I; French, JE; Högberg, J; Stenius, U. (2012). Gender differences in chemical carcinogenesis in National Toxicology Program 2-year bioassays. Toxicol Pathol 40: 1160-1168. http://dx.doi.org/10.1177/0192623312446527.

Kan, Y; Wang, LD; Gao, YD; Duan, L; Wu, GS; Qiu, Y. (2004). Highly efficient blue electroluminescence based on a new anthracene derivative. Synthetic Metals 141: 245-249. http://dx.doi.org/10.1016/S0379-6779(03)00406-5.

Kanemitsu, M; Fueta, Y; Ishidao, T; Aou, S; Hori, H. (2016). Development of a direct exposure system for studying the mechanisms of central neurotoxicity caused by volatile organic compounds. Ind Health 54: 42-49. http://dx.doi.org/10.2486/indhealth.2015-0076.

Kang, E; Kim, K; Kim, DE, un; Shin, HK, yu; Lee, BJ. (2014). Synthesis and Organic Light-Emitting Diode Properties of Isomeric (Benzo[d]thiazol-2-yl)phenyldiphenylphosphine Oxides. 6: 2298-2303. http://dx.doi.org/10.1166/sam.2014.2196.

Kang, HS; Ko, A; Kwon, JE; Kyung, MS; Moon, GI; Park, JH; Lee, HS; Suh, JH; Lee, JM; Hwang, MS; Kim, K; Hong, JH; Hwang, IG. (2016). Urinary benzophenone concentrations and their association with demographic factors in a South Korean population. Environ Res 149: 1-7. http://dx.doi.org/10.1016/j.envres.2016.04.036.

Kang, S; Lee, H; Kim, B; Park, Y; Park, J. (2016). Synthesis and Property of New Propeller Shaped Emitting Materials for Organic Light-Emitting Devices. J Nanosci Nanotechnol 16: 3102-3105. http://dx.doi.org/10.1166/jnn.2016.11055.

Kanno, H; Hamada, Y; Takahashi, H. (2004). Development of OLED with high stability and luminance efficiency by co-doping methods for full color displays. I E E E Journal on Selected Topics in Quantum Electronics 10: 30-36. http://dx.doi.org/10.1109/JSTQE.2004.824076.

Kao, P, oC; Chu, SY; Chen, CH; Huang, HH; Yang, CH; Sun, IW, en. (2006). White and red organic light-emitting diodes using a phosphorescent iridium complex as a red dopant. J Electrochem Soc 153: H228-H231. http://dx.doi.org/10.1149/1.2358930.

Kao, P, oC; Lu, CW, en; Lin, J, ieHan; Lin, Y, ehKai. (2014). Lithium hydroxide doped tris(8-hydroxyquinoline) aluminum as an effective interfacial layer in inverted bottom-emission organic light-emitting diodes. Thin Solid Films 570: 510-515. http://dx.doi.org/10.1016/j.tsf.2014.05.025.

Kao, PC; Chu, SY; Chen, TY; Zhan, CY; Hong, FC; Chang, CY; Hsu, LC; Liao, WC; Hon, MH. (2005). Fabrication of large-scaled organic light emitting devices on the flexible substrates using low-pressure imprinting lithography. I E E E Transactions on Electron Devices 52: 1722-1726. http://dx.doi.org/10.1109/TED.2005.851811.

Kao, PC; Chu, SY; Liu, SJ; You, ZX; Chuang, CA. (2006). Improved performance of organic light-emitting diodes using a metal-phthalocyanine hole-injection layer. J Electrochem Soc 153: H122-H126. http://dx.doi.org/10.1149/1.2189267.

Kao, PC; Chu, SY; You, ZX; Liou, SJ; Chuang, CA. (2006). Improved efficiency of organic light-emitting diodes using CoPc buffer layer. Thin Solid Films 498: 249-253. http://dx.doi.org/10.1016/j.tsf.2005.07.120.

Kathirgamanathan, P; Surendrakumar, S; Vanga, RR; Ravichandran, S; Antipan-Lara, J; Ganeshamurugan, S; Kumaraverl, M; Paramaswara, G; Arkley, V. (2011). Arylvinylene phenanthroline derivatives for electron transport in blue organic light emitting diodes. Organic Electronics 12: 666-676. http://dx.doi.org/10.1016/j.orgel.2010.12.025.

Fate Literature Search Results

Off Topic

Kato, Y; Kamoshita, A; Yamagishi, J. (2006). Growth of three rice cultivars (Oryza sativa L.) under upland conditions with different levels of water supply 2. Grain yield. Plant Production Science 9: 435-445.

Kato, Y; Kamoshita, A; Yamagishi, J; Abe, J, un. (2006). Growth of three rice (Oryza sativa L.) cultivars under upland conditions with different levels of water supply 1. Nitrogen content and dry matter production. Plant Production Science 9: 422-434.

Kato, Y; Kamoshita, A; Yamagishi, J; Imoto, H; Abe, J, un. (2007). Growth of rice (Oryza sativa L.) cultivars under upland conditions with different levels of water supply 3. Root system development, soil moisture change and plant water status. Plant Production Science 10: 3-13.

Kawai, T; Takeuchi, A; Miyama, Y; Sakamto, K; Zhang, ZW; Higashikawa, K; Ikeda, M. (2001). Biological monitoring of occupational exposure to 1-bromopropane by means of urinalysis for 1-bromopropane and bromide ion. Biomarkers 6: 303-312. http://dx.doi.org/10.1080/13547500110034817.

Kay, KY; Cho, SY; Park, HC; Park, JW. (2003). Synthesis and electroluminescent properties of bipyridine derivatives. Synthetic Metals 137: 1045-1046. http://dx.doi.org/10.1016/S0379-6779(02)00897-4.

Khan, MA; Xu, W, ei; Khizar-Ul-Haq; Bai, Y, u; Jiang, XY; Zhang, ZL; Zhu, WQ. (2008). Influence of p-doping hole transport layer on the performance of organic light-emitting devices. Semiconductor Science and Technology 23. http://dx.doi.org/10.1088/0268-1242/23/5/055014.

Khantham, S; Tunhoo, B; Onlaor, K; Thiwawong, T; Nukeaw, J. (2012). Electrical properties of dye-doped colour tunable organic light emitting diode. Can J Chem Eng 90: 903-908. http://dx.doi.org/10.1002/cjce.21658.

Kim, B; Kwon, B; Jang, S; Kim, PG; Ji, K. (2016). Major benzophenone concentrations and influence of food consumption among the general population in Korea, and the association with oxidative stress biomarker. Sci Total Environ 565: 649-655. http://dx.doi.org/10.1016/j.scitotenv.2016.05.009.

Kim, B; Lee, J; Park, Y; Lee, C; Park, JW. (2014). Highly efficient new hole injection materials for organic light emitting diodes base on phenothiazine derivatives. J Nanosci Nanotechnol 14: 6404-6408. http://dx.doi.org/10.1166/jnn.2014.8456.

Kim, B, oY; Lee, SJ, ae; Koo, J, aR; Lee, SE, un; Lee, K, umHee; Yoon, SS, oo; Kim, YK. (2013). Effect of electron transport layer engineering based on blue phosphorescent organic light-emitting diodes. Displays 34: 396-398. http://dx.doi.org/10.1016/j.displa.2013.08.003.

Kim, B; Park, Y; Park, J. (2014). White Organic Light-Emitting Diodes with Single Active Layer Using a Solution Process Based on a Co-Host Emitter System. J Nanosci Nanotechnol 14: 8449-8452. http://dx.doi.org/10.1166/jnn.2014.9913.

Kim, B; Park, Y; Shin, H; Lee, J; Park, J. (2011). A Study on Single-Layered White Organic Light-Emitting Diodes Based on Co-Host System Using Solution Process. J Nanosci Nanotechnol 11: 7508-7511. http://dx.doi.org/10.1166/jnn.2011.4842.

Kim, BS, oo; Kim, T, aeMin; Choi, M, inSoo; Shim, HS, ub; Kim, JJ, oo. (2015). Fully vacuum-processed perovskite solar cells with high open circuit voltage using MoO3/NPB as hole extraction layers. Organic Electronics 17: 102-106. http://dx.doi.org/10.1016/j.orgel.2014.12.002.

Kim, C; Yoon, JY; Lee, S; Lee, H; Kim, YK; Yoon, S. (2015). Various Blue Emitting Materials Based on Pyrene Derivatives for Organic Light-Emitting Diodes. J Nanosci Nanotechnol 15: 5246-5249. http://dx.doi.org/10.1166/jnn.2015.10398.

Kim, CK; Noh, IH; Lee, TS; Lee, BW; Hong, C; Moon, DG. (2010). Efficient white organic light-emitting diodes based on a balanced split of the exciton-recombination zone using a graded mixed layer as an electron-blocking layer. Society for Information Display Journal 18: 97-102. http://dx.doi.org/10.1889/JSID18.1.97.

Kim, DE, un; Kim, W, onSam; Kim, BS; Lee, BJ; Kwon, YS, oo. (2008). Improvement of color purity in white OLED based on Zn(HPB)(2) as blue emitting layer. Thin Solid Films 516: 3637-3640. http://dx.doi.org/10.1016/j.tsf.2007.08.103.

Kim, DE, un; Kwon, YS, oo; Shin, HK, yu. (2015). Fabrication of White Organic Light Emitting Diode Using Two Types of Zn-Complexes as an Emitting Layer. J Nanosci Nanotechnol 15: 488-491. http://dx.doi.org/10.1166/jnn.2015.8417.

Kim, E; Eom, H; Yeom, HY. (2012). Asymmetry-aware load balancing for parallel applications in single-ISA multi-core systems. 13: 413-427. http://dx.doi.org/10.1631/jzus.C1100198.

Kim, H, eeUn; Jang, J, aeHo; Song, W; Jung, BJ, un; Lee, J, unY; Hwang, D, oH. (2015). Improved luminance and external quantum efficiency of red and white organic light-emitting diodes with iridium(III) complexes with phenyl-substituted 2-phenylpyridine as a second cyclometalated ligand. 3: 12107-12115. http://dx.doi.org/10.1039/c5tc02728d.

Kim, H; Lee, J; Park, S; Jeong, J; Shin, D; Yi, Y; Kwon, JD, ae; Park, J, inS. (2015). Versatile hole injection of VO2: Energy level alignment at N,N '-di(1-naphthyl)-N,N '-diphenyl-(1,1 '-biphenyl)-4,4 '-diamine/VO2/fluorine-doped tin oxide. Organic Electronics 16: 133-138. http://dx.doi.org/10.1016/j.orgel.2014.10.044.

Kim, HY; Chung, YH; Jeong, JH; Lee, YM; Sur, GS; Kang, JK. (1999). Acute and repeated inhalation toxicity of 1-bromopropane in SD rats. J Occup Health 41: 121-128. http://dx.doi.org/10.1539/Joh.41.121.

Kim, J, ooHan; Jeon, YM, in; Lee, HS; Kim, JW, oo; Lee, CW, on; Jang, J, iG; Chang, H, oJ; Lee, J, unY; Gong, MS. (2008). New asymmetric monostyrylamine dopants for blue light-emitting organic electroluminescence device. Synthetic Metals 158: 369-374. http://dx.doi.org/10.1016/j.synthmet.2008.02.011.

Kim, J, iY; Kim, N, amHo; Kim, J, inW; Kang, J, inS; Yoon, J, uAn; Yoo, SI, l; Kim, W, ooY; Cheah, K, okWai. (2014). Enhancement of external quantum efficiency and reduction of roll-off in blue phosphorescent organic light emitt diodes using TCTA inter-layer. Optical Materials 37: 120-124. http://dx.doi.org/10.1016/j.optmat2014.05.010.

Kim, J, inW; Kim, N, amHo; Yoon, J, uAn; Yoo, SI, l; Kang, J, inS; Cheah, K, okWai; Zhu, F, uR; Kim, W, ooY. (2015). Study of triplet exciton's energy transfer in white phosphorescent organic light-emitting diodes with multi-doped single emissive layer. Optical Materials 40: 57-62. http://dx.doi.org/10.1016/j.optmat.2014.11.046.

Kim, J, inY; Kim, W, ooH; Kim, D, oH; Choi, KC. (2014). Investigation of voltage reduction in nanostructure-embedded organic light-emitting diodes. Organic Electronics 15: 260-265. http://dx.doi.org/10.1016/j.orgel.2013.11.019.

Kim, J, ooH; Lee, Y, ouJ; Jang, YS; Jang, J, inN; Kim, D, ooH; Song, BC; Lee, DH; Kwon, SN, am; Hong, M. (2011). The effect of Ar plasma bombardment upon physical property of tungsten oxide thin film in inverted top-emitting organic light-emitting diodes. Organic Electronics 12: 285-290. http://dx.doi.org/10.1016/j.orgel.2010.10.023.

Fate Literature Search Results

Off Topic

Kim, J, iH; Seo, J; Kwon, D, aeG; Hong, JA, m; Hwang, J; Choi, HK, yw; Moon, J; Lee, JI, k; Jung, D, aeY; Choi, SY; Park, Y. (2014). Carrier injection efficiencies and energy level alignments of multilayer graphene anodes for organic light-emitting diodes with different hole injection layers. Carbon 79: 623-630. http://dx.doi.org/10.1016/j.carbon.2014.08.024.

Kim, J, aeK; Suh, KY. (2008). Room Temperature Detachment Nanolithography Using a Rigiflex Polymeric Mold. J Nanosci Nanotechnol 8: 3621-3625. http://dx.doi.org/10.1166/jnn.2008.162.

Kim, J, ooH; Yoon, D, oY; Kim, J, iW; Kim, JJ, oo. (2007). New host materials with high triplet energy level for blue-emitting electrophosphorescent device. Synthetic Metals 157: 743-750. http://dx.doi.org/10.1016/j.synthmet.2007.08.001.

Kim, JH; Nam, EJ; Hong, SY; Kim, BO; Kim, SM; Yoon, SS; Suh, JH; Ha, YY; Kim, YK. (2004). Study on electrical characteristics of organic electrophosphorescent devices based on new Ir complex. Mater Sci Eng C 24: 167-171. http://dx.doi.org/10.1016/j.msec.2003.09.005.

Kim, JK; Park, JW; Yang, H; Choi, M; Choi, JH; Suh, KY. (2006). Low-pressure detachment nanolithography. Nanotechnology 17: 940-946. http://dx.doi.org/10.1088/0957-4484/17/4/017.

Kim, K, yuS; Jeon, YM, in; Kim, JW, oo; Lee, CW, on; Gong, MS. (2008). Blue organic light-emitting devices using novel styrylarylene host and dopant materials. Dyes and Pigments 77: 238-244. http://dx.doi.org/10.1016/j.dyepig.2007.05.012.

Kim, K, iSoo; Jeong, S; Kim, C; Kwon, Y; Choi, BD, ae; Han, YS, oo. (2009). Synthesis and electro-optical properties of carbazole derivatives with high band gap energy. Thin Solid Films 518: 284-289. http://dx.doi.org/10.1016/j.tsf.2009.06.016.

Kim, KH; Jeon, YP; Choo, DC; Kim, TW. (2015). Luminance Mechanisms of White Organic Light-Emitting Devices Fabricated Utilizing a Charge Generation Layer with a Light-Emitting Function. J Nanosci Nanotechnol 15: 5220-5223. http://dx.doi.org/10.1166/jnn.2015.10367.

Kim, M, inJi; Lee, CW, on; Gong, MS. (2014). Deep blue organic light-emitting diode using non anthracene-type fused-ring spiro[benzotetraphene-fluorene] with aromatic wings. Organic Electronics 15: 2922-2931. http://dx.doi.org/10.1016/j.orgel.2014.08.030.

Kim, M, inSu; Nishikawa, H. (2015). Effects of bonding temperature on microstructure, fracture behavior and joint strength of Ag nanoporous bonding for high temperature die attach. Mater Sci Eng A 645: 264-272. http://dx.doi.org/10.1016/j.msea.2015.08.015.

Kim, MS; Jeong, CH; Lim, JT; Yeom, GY. (2008). White top-emitting organic light-emitting diodes using one-emissive layer of the DCJTB doped DPVBi layer. Thin Solid Films 516: 3590-3594. http://dx.doi.org/10.1016/j.tsf.2007.08.078.

Kim, MS; Lim, JT; Jeong, CH; Lee, JH; Yeom, GY. (2006). White organic light-emitting diodes from three emitter layers. Thin Solid Films 515: 891-895. http://dx.doi.org/10.1016/j.tsf.2006.07.051.

Kim, S; Choi, K. (2014). Occurrences, toxicities, and ecological risks of benzophenone-3, a common component of organic sunscreen products: a mini-review [Review]. Environ Int 70: 143-157. http://dx.doi.org/10.1016/j.envint.2014.05.015.

Kim, S; Choi, P; Kim, S; Park, H; Baek, D; Kim, S; Choi, B. (2016). Analysis of the Electrical Properties of an Electron Injection Layer in Alq(3)-Based Organic Light Emitting Diodes. J Nanosci Nanotechnol 16: 4742-4745. http://dx.doi.org/10.1166/jnn.2016.12203.

Kim, S; Jung, D; Kho, Y; Choi, K. (2014). Effects of benzophenone-3 exposure on endocrine disruption and reproduction of Japanese medaka (Oryzias latipes)-A two generation exposure study. Aquat Toxicol 155: 244-252. http://dx.doi.org/10.1016/j.aquatox.2014.07.004.

Kim, S; Kim, B; Lee, J; Yu, Y; Park, J. (2015). Highly Efficient White Organic Light Emitting Diodes Using New Blue Fluorescence Emitter. J Nanosci Nanotechnol 15: 5442-5445. http://dx.doi.org/10.1166/jnn.2015.10365.

Kim, S, ooK; Lee, J, iH; Park, JW. (2008). Phenyl-Naphthyl Amine Effect of New Phenothiazine Derivatives with High T(g) for Hole Injection and Hole Transporting Materials. J Nanosci Nanotechnol 8: 5247-5251. http://dx.doi.org/10.1166/jnn.2008.1015.

Kim, S; Lee, SH, o; Shin, H; Kay, KY, ol; Park, J. (2014). New Hole Transporting Materials Based on Hexaarylbenzene and Aromatic Amine Moiety for Organic Light-Emitting Diodes. J Nanosci Nanotechnol 14: 6382-6385. http://dx.doi.org/10.1166/jnn.2014.8291.

Kim, S, ooK; Park, YI, l; Kang, I, nNam; Park, JW. (2007). New deep-blue emitting materials based on fully substituted ethylene derivatives. J Mater Chem 17: 4670-4678. http://dx.doi.org/10.1039/b706606f.

Kim, S, ooK; Yang, B; Park, YI, l; Ma, Y; Lee, J, unY; Kim, HJ; Park, J. (2009). Synthesis and electroluminescent properties of highly efficient anthracene derivatives with bulky side groups. Organic Electronics 10: 822-833. http://dx.doi.org/10.1016/j.orgel.2009.04.003.

Kim, SH; Jang, J; Yook, KS, oo; Lee, J, unY. (2009). Role of mixed hole transport layer with exciton blocking properties in phosphorescent organic light-emitting diodes. Synthetic Metals 159: 568-570. http://dx.doi.org/10.1016/j.synthmet.2008.11.020.

Kim, SH; Shin, CM, in; Park, YI, l; Park, JW; Kim, SR; Chung, M, inC; Lee, J, iH. (2008). New Hole Transporting Materials Based on Di- and Tetra-Substituted Biphenyl Derivatives for Organic Light-Emitting Diodes. J Nanosci Nanotechnol 8: 5123-5129. http://dx.doi.org/10.1166/jnn.2008.1114.

Kim, SK; Lee, CJ; Kang, IN; Lee, JH; Park, JW. (2006). Synthesis and electroluminescent properties of new phenothiazyl derivatives. Thin Solid Films 509: 132-136. http://dx.doi.org/10.1016/j.tsf.2005.09.039.

Kim, W, onSam; You, JM, in; Lee, BJ; Jang, YK, i; Kim, DE, un; Kwon, YS, oo. (2006). Fabrication and characterization of organic light-emitting diodes using zinc complexes as hole-blocking layer. J Nanosci Nanotechnol 6: 3637-3641. http://dx.doi.org/10.1166/jnn.2006.072.

Kim, Y; Lee, JG; Han, KJ; Hwang, HK; Choi, DK; Jung, YY; Keum, JH; Kim, S; Park, SS; Im, WB. (2000). Hole-transporting polyimide for organic electroluminescent display. Thin Solid Films 363: 263-267.

Kim, Y, ouH; Lee, S, uH; Yoon, HS, oo; Choi, J, aeY; Shin, SS, ik; Chae, S, ooJoh; Seo, J, iH; Seo, J, iH; Kim, YK; Kim, W, ooY. (2008). High Efficient White Organic Light-Emitting Diodes Using BCzVBi as Blue Fluorescent Dopant. J Nanosci Nanotechnol 8: 4579-4583. http://dx.doi.org/10.1166/jnn.2008.IC67.

Kim, Y; Park, J; Moon, Y. (1999). Hematopoietic and reproductive toxicity of 2- bromopropane, a recently introduced substitute for chlorofluorocarbons. Toxicol Lett 108(2-3): 309-313. (Support not reported. Authors affiliated with. 108: 309-313.

Kim, YH, ak; Kwon, S; Lee, JH; Park, SM, i; Lee, YM, i; Kim, JW, on. (2011). Hole Injection Enhancement by a WO3 Inter layer in Inverted Organic Light-Emitting Diodes and Their Interfacial Electronic Structures. J Phys Chem C 115: 6599-6604. http://dx.doi.org/10.1021/jp111128k.

Kim, YK; Hwang, SH. (2006). Highly efficient organic light-emitting diodes using novel hole-transporting materials. Synthetic Metals 156: 1028-1035. http://dx.doi.org/10.1016/j.synthmet.2006.06.025.

Fate Literature Search Results

Off Topic

Kim, YS; Yoon, JY; Lee, HW, oo; Kim, J; Lee, H, oWon; Lee, SE, un; Kim, YK; Yoon, SS, oo. (2015). Blue fluorescent materials based on bis(10-phenylanthracen-9-yl) derivatives containing heterocyclic moiety. Optical Materials 46: 247-253. http://dx.doi.org/10.1016/j.optmat.2015.04.027.

Knoppel, H; Schauenburg, H. (1989). Screening of household products for the emission of volatile organic compounds. Environ Int 15: 413-418. http://dx.doi.org/10.1016/0160-4120(89)90056-1.

Ko, A; Kang, HS; Park, JH; Kwon, JE; Moon, GI; Hwang, MS; Hwang, IG. (2016). The Association Between Urinary Benzophenone Concentrations and Personal Care Product Use in Korean Adults. Arch Environ Contam Toxicol 70: 640-646. http://dx.doi.org/10.1007/s00244-015-0240-x.

Ko, CW; Tao, YT. (2002). 9,9-bis{4-[di-(p-biphenyl)aminophenyl]fluorene: a high T-g and efficient hole-transporting material for electrolumine scent devices. Synthetic Metals 126: 37-41.

Ko, CW; Tao, YT; Danel, A; Krzeminska, L; Tomasik, P. (2001). Organic light-emitting diodes based on 2 (Stilben-4-yl)benzoxazole derivatives: An implication on the emission mechanism. Chem Mater 13: 2441-2446. http://dx.doi.org/10.1021/cm010199u.

Ko, CW; Tao, YT; Lin, JT; Thomas, KRJ. (2002). Light-emitting diodes based on a carbazole-derivatized dopant: Origin of dopant excitation as a function of the device structure. Chem Mater 14: 357-361. http://dx.doi.org/10.1021/cm0106365.

Kolman, A; Spivak, I; Näslund, M; Dusinská, M; Cedervall, B. (1997). Propylene oxide and epichlorohydrin induce DNA strand breaks in human diploid fibroblasts. Environ Mol Mutagen 30: 40-46.

Kominami, H; Oki, K; Kohno, M; Onoue, S; Kera, Y; Ohtani, B. (2001). Novel solvothermal synthesis of niobium(v) oxide powders and their photocatalytic activity in aqueous suspensions. J Mater Chem 11: 604-609.

Kovac, J; Wong, TC; Fung, MK; Liu, MW; Kremnican, V; Bello, I; Lee, ST. (2001). Transient electroluminescence of single and multilayer organic light emitting devices. Mater Sci Eng B 85: 172-176.

Kreger, K; Jandke, M; Strohriegl, P. (2001). Novel starshaped molecules based on fluorene. Synthetic Metals 119: 163-164.

Kristensen, NB; Pierzynowski, SG; Danfaer, A. (2000). Portal-drained visceral metabolism of 3-hydroxybutyrate in sheep. J Anim Sci 78: 2223-2228.

Kristoff, G; Chiny Barrionuevo, D; Cacciatore, LC; Verrengia Guerrero, NR; Cochon, AC. (2012). In vivo studies on inhibition and recovery of B-esterase activities in Biomphalaria glabrata exposed to "azinphos-methyl: Analysis of enzyme, substrate and tissue dependence. Aquat Toxicol 112: 19-26. http://dx.doi.org/10.1016/j.aquatox.2012.01.016.

Kucharczyk, D; Kujawa, R; Luczynski, M; Glogowski, J; Babiak, I; Wyszomirska, E. (1997). Induced spawning in bream, Abramis brama (L), using carp and bream pituitary extract and hCG. Aquaculture Research 28: 139-144.

Kuku, TA. (1999). Ion transport studies on vacuum deposited PbSnI4 thin films. Thin Solid Films 340: 292-296.

Kuo, CH, ui; Peng, KC; Kuo, L, iC; Yang, KH, ui; Lee, JH, aw; Leung, M, ankit; Hsieh, K, uoH. (2006). High-performance hole-transport polyurethanes for light-emitting diodes applications. Chem Mater 18: 4121-4129. http://dx.doi.org/10.1021/cm060124w.

Kusch, J; Stremmel, M; Breiner, HW; Adams, V; Schweikert, M; Schmidt, HJ. (2000). The Toxic Symbiont Caedibacter caryophila in the Cytoplasm of Paramecium novaurelia. Microb Ecol 40: 330-335.

Kuschal, C; Thoms, KM; Schubert, S; Schäfer, A; Boeckmann, L; Schön, MP; Emmert, S. (2012). Skin cancer in organ transplant recipients: effects of immunosuppressive medications on DNA repair [Review]. Experimental Dermatology Online 21: 2-6. http://dx.doi.org/10.1111/j.1600-0625.2011.01413.x.

Kwok, HL; Xu, JB. (2002). A model for exciton formation in organic electroluminescent devices. Solid-State Electronics 46: 645-650.

Kwon, J, aeW; Lim, JT, ae; Yeom, GY. (2010). Light-emitting characteristics of organic light-emitting diodes with the MoOx-doped NPB and C-60/LiF layer. Thin Solid Films 518: 6339-6342. http://dx.doi.org/10.1016/j.tsf.2009.12.108.

Kwong, CY; Djurisic, AB; Choy, WCH; Li, D; Xie, MH; Chan, WK; Cheah, KW; Lai, PT; Chui, PC. (2005). Efficiency and stability of different tris(8-hydroxyquinoline) aluminium (Alq(3)) derivatives in OLED applications. Mater Sci Eng B 116: 75-81. http://dx.doi.org/10.1016/j.mseb.2004.09.024.

Lakhera, VJ; Gupta, A; Kumar, R. (2009). Investigation of coated tubes in cross-flow boiling. Int J Heat Mass Tran 52: 908-920. http://dx.doi.org/10.1016/j.ijheatmasstransfer.2008.06.044.

Le, QT; Avendano, FM; Forsythe, EW; Yan, L; Gao, YL; Tang, CW. (1999). X-ray photoelectron spectroscopy and atomic force microscopy investigation of stability mechanism of tris-(8-hydroxyquinoline) aluminum-based light-emitting devices. Journal of Vacuum Science and Technology A 17: 2314-2317.

Le, QT; Forsythe, EW; Nuesch, F; Rothberg, LJ; Yan, L; Gao, Y. (2000). Interface formation between NPB and processed indium tin oxide. Thin Solid Films 363: 42-46.

Lee, DH; Choi, J; Chae, H; Chung, CH, wa; Cho, SM. (2008). Single-layer organic-light-emitting devices fabricated by screen printing method. Korean J Chem Eng 25: 176-180.

Lee, DH; Xun, Z; Chae, H; Cho, SM. (2009). Effect of electron- and hole-transporting materials on the performance of FIrpic-doped PVK phosphorescent devices. Synthetic Metals 159: 1640-1643. http://dx.doi.org/10.1016/j.synthmet.2009.04.029.

Lee, DU; Yoon, YB; Baek, SH; Kim, TW; Seo, JH; Kim, YK. (2008). Enhancement of the efficiency and the color stabilization in green organic light-emitting devices with multiple heterostructures acting as a hole transport layer. Thin Solid Films 516: 3627-3632. http://dx.doi.org/10.1016/j.tsf.2007.08.075.

Lee, H; Lee, J; Jeong, K; Yi, Y; Lee, JH, an; Kim, JW, on; Cho, SW, an. (2012). Hole Injection Enhancements of a CoPc and CoPc:NPB Mixed Layer in Organic Light-Emitting Devices. J Phys Chem C 116: 13210-13216. http://dx.doi.org/10.1021/jp3029598.

Lee, H; Lee, J; Park, S; Yi, Y; Cho, SW, an; Kim, JW, on; Kang, SJ, un. (2014). Hole injection enhancement of a single-walled carbon nanotube anode using an organic charge-generation layer. Carbon 71: 268-275. http://dx.doi.org/10.1016/j.carbon.2014.01.039.

Fate Literature Search Results

Off Topic

Lee, HW, oo; Jeong, S, uJin; Lee, H, oWon; Kim, YK; Yoon, SS, oo. (2016). Blue Electroluminescent Materials Based on Dibenzofuran-Containing Anthracene Derivatives for Organic Light-Emitting Diodes. J Nanosci Nanotechnol 16: 8460-8464. http://dx.doi.org/10.1166/jnn.2016.12486.

Lee, J; Kim, B; Park, J. (2016). Excimer Formation Promoted by Steric Hindrance in Dual Core Chromophore for Organic Light-Emitting Diodes Emitters. J Nanosci Nanotechnol 16: 8854-8857. http://dx.doi.org/10.1166/jnn.2016.12479.

Lee, J; Kim, B; Park, Y; Kim, S; Park, J. (2014). Fluorine effects in new indenofluorenedione derivatives for electron transporting layer in OLED devices. J Nanosci Nanotechnol 14: 6431-6434. http://dx.doi.org/10.1166/jnn.2014.8807.

Lee, J, aeH; Kim, HM, i; Kim, K, iBum; Kim, JJ, oo. (2011). Origin of charge generation efficiency of metal oxide p-dopants in organic semiconductors. Organic Electronics 12: 950-954. http://dx.doi.org/10.1016/j.orgel.2011.03.008.

Lee, J, aeH; Kim, M, inHoi. (2016). Thermal stability of devices with molybdenum oxide doped organic semiconductors. Organic Electronics 28: 172-177. http://dx.doi.org/10.1016/j.orgel.2015.10.034.

Lee, J, aeH; Leem, DS; Kim, JJ, oo. (2008). High performance top-emitting organic light-emitting diodes with copper iodide-doped hole injection layer. Organic Electronics 9: 805-808. http://dx.doi.org/10.1016/j.orgel.2008.05.011.

Lee, J; Shin, H; Park, J. (2016). Solution Processable White Organic Light-Emitting Diodes Using New Blue Host Material Including Substituent Group. J Nanosci Nanotechnol 16: 2101-2104. http://dx.doi.org/10.1166/jnn.2016.12026.

Lee, K, umHee; Kim, SO, ng; Yook, KS, oo; Jeon, SO, k; Lee, J, unY; Yoon, SS, oo. (2011). Highly efficient blue light-emitting diodes containing spirofluorene derivatives end-capped with triphenylamine/phenylcarbazole. Synthetic Metals 161: 2024-2030. http://dx.doi.org/10.1016/j.synthmet.2011.07.020.

Lee, K, umHee; Kim, SO, ng; You, J, aeNam; Kang, S; Lee, J, inY; Yook, KS, oo; Jeon, SO, k; Lee, J, unY; Yoon, SS, oo. (2012). tert-Butylated spirofluorene derivatives with arylamine groups for highly efficient blue organic light emitting diodes. J Mater Chem 22: 5145-5154. http://dx.doi.org/10.1039/c2jm14869b.

Lee, K, umHee; Kim, YK; Yoon, SS, oo. (2012). Trimethylsilane-Containing Donor-Acceptor-Donor Type Material for Red Fluorescent Organic Light-Emitting Diodes. J Nanosci Nanotechnol 12: 4203-4206. http://dx.doi.org/10.1166/jnn.2012.5925.

Lee, K, umHee; Kwon, YS, oo; Kang, L, eeK; Kim, G, uY; Seo, J, iH; Kim, YK; Yoon, SS, oo. (2009). Blue organic light-emitting materials based on diphenylaminofluorene and N-phenylcarbazole derivatives. Synthetic Metals 159: 2603-2608. http://dx.doi.org/10.1016/j.synthmet.2009.09.018.

Lee, K, umHee; Park, JK; Kim, G, uY; Seo, J, iH; Kim, YK; Yoon, SS, oo. (2010). Highly Efficient Blue Fluorescent Materials Based on Fluorene Derivatives End-Capped with Arylaminofluorenylethylenes for Organic Light-Emitting Diodes. J Nanosci Nanotechnol 10: 3289-3293. http://dx.doi.org/10.1166/jnn.2010.2238.

Lee, K, umHee; You, J, aeNam; Kang, S; Lee, J, unY; Kwon, HJ, oo; Kim, YK; Yoon, SS, oo. (2010). Synthesis and electroluminescent properties of blue-emitting t-butylated bis(diarylaminoaryl)anthracenes for OLEDs. Thin Solid Films 518: 6253-6258. http://dx.doi.org/10.1016/j.tsf.2010.03.144.

Lee, M; Park, J; Lee, H; Sohn, SH, an; Lee, J. (2015). Complete chloroplast genomic sequence of Citrus platymamma determined by combined analysis of Sanger and NGS data. Horticulture, Environment and Biotechnology 56: 704-711. http://dx.doi.org/10.1007/s13580-015-0061-x.

Lee, S; Kim, B; Jung, H; Shin, H; Lee, H; Lee, J; Park, J. (2017). Synthesis and electroluminescence properties of new blue dual-core OLED emitters using bulky side chromophores. Dyes and Pigments 136: 255-261. http://dx.doi.org/10.1016/j.dyepig.2016.08.010.

Lee, S; Lyu, Y, iY; Lee, S, ooH. (2006). The use of cross-linkable interlayers to improve device performances in blue polymer light-emitting diodes. Synthetic Metals 156: 1004-1009. http://dx.doi.org/10.1016/j.synthmet.2006.06.011.

Lee, SB, ee; Park, S, ooNa; Kim, C; Lee, HW, oo; Lee, H, oWon; Kim, YK; Yoon, SS, oo. (2015). Synthesis and electroluminescent properties of 9,10-diphenylanthracene containing 9H-carbazole derivatives for blue organic light-emitting diodes. Synthetic Metals 203: 174-179. http://dx.doi.org/10.1016/j.synthmet.2015.02.037.

Lee, SH; Kim, SH; Kwak, J. (2013). Enhanced lifetime of organic light-emitting diodes using an anthracene derivative with high glass transition temperature. J Nanosci Nanotechnol 13: 4216-4222. http://dx.doi.org/10.1166/jnn.2013.7151.

Lee, SK; Kang, MJ; Jeon, TW; Ha, HW; Yoo, JW; Ko, GS; Kang, W; Jeong, HG; Lyoo, WS; Jeong, TC. (2010). Role of metabolism in 1-bromopropane-induced hepatotoxicity in mice. J Toxicol Environ Health A 73: 1431-1440. http://dx.doi.org/10.1080/15287394.2010.511546.

Lee, SK, yu; Lee, DJ, u; Jeong, H; Bista, SR; Kang, M, iJ; Lee, ES; Son, JK; Nam, D, ooH; Chang, HW; Lee, SH, o; Jahng, Y; Jeong, T, aeC. (2007). Hepatotoxic and immunotoxic effects produced by 1,3-dibromopropane and its conjugation with glutathione in female BALB/c mice. J Toxicol Environ Health A 70: 1381-1390. http://dx.doi.org/10.1080/15287390701434489.

Lee, SL; Thomas, P; Fenech, M. (2014). Extracellular amyloid beta 42 causes necrosis, inhibition of nuclear division, and mitotic disruption under both folate deficient and folate replete conditions as measured by the cytokinesis-block micronucleus cytome assay. Environ Mol Mutagen 55: 1-14. http://dx.doi.org/10.1002/em.21811.

Lee, SL; Thomas, P; Hecker, J; Faunt, J; Fenech, M. (2015). Chromosomal DNA damage measured using the cytokinesis-block micronucleus cytome assay is significantly associated with cognitive impairment in South Australians. Environ Mol Mutagen 56: 32-40. http://dx.doi.org/10.1002/em.21890.

Lee, SN, am; Lee, SJ, ae; Kim, YK; Shin, DM. (2014). Fabrication and Electroluminescence Properties of White Organic Light-Emitting Diode with a New Yellow Fluorescent Dopant. J Nanosci Nanotechnol 14: 6185-6188. http://dx.doi.org/10.1166/jnn.2014.8815.

Lee, Y; Kim, J; Kwon, S; Min, CK, i; Yi, Y; Kim, JW; Koo, B; Hong, M. (2008). Interface studies of Aluminum, 8-hydroxyquinolatolithium (Liq) and Alq(3) for inverted OLED application. Organic Electronics 9: 407-412. http://dx.doi.org/10.1016/j.orgel.2008.01.001.

Lee, YH; Kim, WJ; Kim, TY; Jung, J; Lee, JY; Park, HD; Kim, TW; Hong, JW. (2007). Electrical characteristics and efficiency of organic light-emitting diodes depending on hole-injection layer. Curr Appl Phys 7: 409-412. http://dx.doi.org/10.1016/j.cap.2006.09.021.

Fate Literature Search Results

Off Topic

Lee, YJ, oo; Lee, H; Byun, Y; Song, S; Kim, J, eEun; Eom, D; Cha, W; Park, SS, ik; Kim, J; Kim, H. (2007). Study of thermal degradation of organic light emitting device structures by X-ray scattering. Thin Solid Films 515: 5674-5677. http://dx.doi.org/10.1016/j.tsf.2006.12.018.

Lee, YM, i; Kim, S, ooK; Lee, CJ, un; Lee, J, iH; Park, JW. (2008). Synthesis and Hole-Transporting Properties of Various Bicarbazyl Derivatives. J Nanosci Nanotechnol 8: 4797-4802. http://dx.doi.org/10.1166/jnn.2008.IC74.

Legnani, C; Louro, SR, SR; Quirino, WG; Tabak, M; Cremona, M. (2006). Organic light emitting diodes based on dipyridamole drug. Thin Solid Films 515: 902-906. http://dx.doi.org/10.1016/j.tsf.2006.07.059.

Lei, GT; Wang, LD; Duan, L; Wang, JH; Qiu, Y. (2004). Highly efficient blue electrophosphorescent devices with a novel host material. Synthetic Metals 144: 249-252. http://dx.doi.org/10.1016/j.synthmet.2004.03.010.

Lenartova, V; Holovska, K; Martinezlara, E; Lopezbarea, J; Barcena, JA; Rosival, I. (1996). Changes in GST-isoenzyme pattern of some organs of sheep exposed to different levels of pollution. Comp Biochem Physiol C Comp Pharmacol Toxicol 114: 153-158.

Li, B; Chen, J; Zhao, Y; Yang, D; Ma, D. (2011). Effects of carrier trapping and scattering on hole transport properties of N,N '-diphenyl-N,N '-bis(1-naphthyl)-1,1 '-biphenyl-4,4 '-diamine thin films. Organic Electronics 12: 974-979. http://dx.doi.org/10.1016/j.orgel.2011.03.026.

Li, C; Shih, HH; Jiang, X; Sun, P; Pan, Y, i; Cheng, CH. (2009). Synthesis, characterization, and electroluminescent properties of iridium complex containing 4-phenybenzoquinoline ligand. Synthetic Metals 159: 2070-2074. http://dx.doi.org/10.1016/j.synthmet.2009.07.028.

Li, CN; Djurisic, AB; Kwong, CY; Lai, PT; Chan, WK; Liu, SY. (2005). Indium tin oxide surface treatments for improvement of organic light-emitting diode performance. Applied Physics A: Materials Science and Processing 80: 301-307. http://dx.doi.org/10.1007/s00339-003-2146-0.

Li, CN; Kwong, CY; Djurišić, AB; Lai, PT; Chui, PC; Chan, WK; Liu, SY. (2005). Improved performance of OLEDs with ITO surface treatments. Thin Solid Films 477: 57-62. http://dx.doi.org/10.1016/j.tsf.2004.08.111.

Li, D; de Supinski, BR; Schulz, M; Nikolopoulos, DS; Cameron, KW. (2013). Strategies for Energy-Efficient Resource Management of Hybrid Programming Models. I E E E Transactions on Parallel and Distributed Systems 24: 144-157. http://dx.doi.org/10.1109/TPDS.2012.95.

Li, D; Dong, G; Duan, L; Wang, L; Qiu, Y. (2012). New Method of Mobility Measurement for Organic Semiconductors by Optoelectronic Coupling. J Phys Chem C 116: 5236-5240. http://dx.doi.org/10.1021/jp211858y.

Li, D; Wang, Y; Chen, L; Cao, Y. (2013). Displacement prediction of Bazimen landslide with step-like deformation in the Three Gorges Reservoir. Disaster Advances 6: 185-191.

Li, F; Feng, J; Cheng, G; Liu, SY. (2002). Electron injection and electroluminescence investigation of organic light-emitting devices based on a Sn/Al cathode. Synthetic Metals 126: 347-350.

Li, F; Feng, J; Liu, SY. (2003). Degradation of organic light-emitting devices under different driving model. Synthetic Metals 137: 1103-1104. http://dx.doi.org/10.1016/S0379-6779(02)01099-8.

Li, F; Lin, JL; Feng, J; Chen, G; Liu, HY; Liu, SY; Zhang, LG; Zhang, XF; Lee, ST. (2003). Electrical and optical characteristics of red organic light-emitting diodes doped with two guest dyes. Synthetic Metals 139: 341-346. http://dx.doi.org/10.1016/S0379-6779(03)00184-X.

Li, GF; Zhang, Q; Yu, F; Liu, C; Wu, HR. (2008). Organic light-emitting device with surface-modified tungsten-doped indium oxide anode. Electronics Letters 44: 818-819. http://dx.doi.org/10.1049/e1:20081318.

Li, H; Duan, L; Zhang, D; Qiu, Y. (2014). Influence of Molecular Packing on Intramolecular Reorganization Energy: A Case Study of Small Molecules. J Phys Chem C 118: 14848-14852. http://dx.doi.org/10.1021/jp504979x.

Li, H; Qiu, Y; Duan, L. (2016). Multi-scale calculation of the electric properties of organic-based devices from the molecular structure. Organic Electronics 33: 164-171. http://dx.doi.org/10.1016/j.orgel.2016.03.016.

Li, HY, an; Zhou, Z; Ryan, JG; Wei, GJ; Xu, Y, iG. (2016). Boron isotopes reveal multiple metasomatic events in the mantle beneath the eastern North China Craton. Geochim Cosmo Act 194: 77-90. http://dx.doi.org/10.1016/j.gca.2016.08.027.

Li, J; Chen, P; Duan, Y, u; Zhao, F; Li, C; Xie, W; Liu, S; Zhang, L; Li, B, in. (2007). Highly efficient and high colour rendering index white organic light-emitting devices using bis(2-(2-fluorphenyl)-1,3-benzothiozolato-N,C-2 ') iridium (acetylacetonate) as yellow emitter. Semiconductor Science and Technology 22: 798-801. http://dx.doi.org/10.1088/0268-1242/22/7/021.

Li, J, iC; Lee, S, ooH; Hahn, YB; Kim, K, iJu; Zong, K; Lee, YS, ik. (2008). Synthesis and characterization of triphenylamine-3-hexylthiophene oligomer hybrids: A triphenylamine core carrying three terthiophene branches and triphenylamine end-capped quaterthiophene. Synthetic Metals 158: 150-156. http://dx.doi.org/10.1016/j.synthmet.2008.01.002.

Li, J; Marks, TJ. (2008). Air-stable, cross-linkable, hole-injecting/transporting interlayers for improved charge injection in organic light-emitting diodes. Chem Mater 20: 4873-4882. http://dx.doi.org/10.1021/cm703689j.

Li, J, ie; Zheng, Y; Zheng, D; Yu, J. (2016). Effect of organic small-molecule hole injection materials on the performance of inverted organic solar cells. 6. http://dx.doi.org/10.1117/1.JPE.6.035502.

Li, JY; Hong, ZR; Wang, PF; Lee, CS; Wong, NB; Kwong, HL; Lee, ST. (2004). Enhancement of green electroluminescence from 2,5-di-p-anisyl-isobenzofuran by double-layer doping strategy. Thin Solid Films 446: 111-116. http://dx.doi.org/10.1016/S0040-6090(03)01241-0.

Li, JY; Liu, D; Li, YQ; Lee, CS; Kwong, HL; Lee, ST. (2005). A high Tg carbazole-based hole-transporting material for organic light-emitting devices. Chem Mater 17: 1208-1212. http://dx.doi.org/10.1021/cm034731k.

Li, JY; Ma, CW; Tang, JX; Lee, CS; Lee, ST. (2005). Novel starburst molecule as a hole injecting and transporting material for organic light-emitting devices. Chem Mater 17: 615-619. http://dx.doi.org/10.1021/cm048337d.

Li, L; Guan, M, in; Cao, G; Li, Y; Zeng, Y. (2010). Highly efficient and stable organic light-emitting diodes employing MoO3-doped perylene-3, 4, 9, 10-tetracarboxylic dianhydride as hole injection layer. Applied Physics A: Materials Science and Processing 99: 251-254. http://dx.doi.org/10.1007/s00339-009-5511-9.

Li, L; Guan, M, in; Cao, G; Li, Y; Zeng, Y. (2012). Low operating-voltage and high power-efficiency OLED employing MoO3-doped CuPc as hole injection layer. Displays 33: 17-20. http://dx.doi.org/10.1016/j.displa.2011.10.002.

Li, L, in; Liu, X; Lyu, L, u; Wu, R; Liu, P; Zhang, Y; Zhao, Y; Wang, H; Niu, D; Yang, J; Gao, Y. (2016). Modification of Ultrathin NPB Interlayer on the Electronic Structures of the CH3NH3PbI3/NPB/MoO3 Interface. J Phys Chem C 120: 17863-17871. http://dx.doi.org/10.1021/acs.jpcc.6b02942.

Fate Literature Search Results

Off Topic

Li, M; Li, W; Su, W; Zang, F; Chu, B, ei; Xin, Q, i; Bi, D; Li, B, in; Yu, T. (2008). High efficiency and color saturated blue electroluminescence by using 4,4 '-bis[N-(1-naphthyl)-N-phenylamino]biphenyl as the thinner host and hole-transporter. Solid-State Electronics 52: 121-125. http://dx.doi.org/10.1016/j.sse.2007.07.030.

Li, MT; Li, WL; Niu, JH; Chu, B; Li, B; Sun, XY; Zhang, ZQ; Hu, ZZ. (2005). Efficient white organic light-emitting device based on a thin layer of hole-transporting host with rubrene dopant. Solid-State Electronics 49: 1956-1960. http://dx.doi.org/10.1016/j.sse.2005.08.011.

Li, N, a; Lai, SL, un; Liu, W; Wang, P; You, J; Lee, CS; Liu, Z. (2011). Synthesis and properties of n-type triphenylpyridine derivatives and applications in deep-blue organic light-emitting devices as electron-transporting layer. J Mater Chem 21: 12977-12985. http://dx.doi.org/10.1039/c1jm11898f.

Li, R, ui; Feng, C; Chen, N, an; Zhang, B; Hao, C; Peng, T; Zhu, X, u. (2014). A bench-scale denitrification wall for simulating the in-situ treatment of nitrate-contaminated groundwater. Ecol Eng 73: 536-544. http://dx.doi.org/10.1016/j.ecoleng.2014.09.089.

Li, SF; Zhong, G; Zhu, WH; Li, FY; Pan, JF; Huang, W; Tian, H. (2005). Dendritic europium complex as a single dopant for white-light electroluminescent devices. J Mater Chem 15: 3221-3228. http://dx.doi.org/10.1039/b504738b.

Li, T; Li, W; Li, X; Han, L; Chu, B, ei; Li, M; Hu, Z; Zhang, Z. (2009). Red electroluminescent devices based on rubrene derivative in 4,4 '-N,N '-dicarubreneazole-biphenyl host and its application in white light emitting device for lighting purpose. Solid-State Electronics 53: 120-123. http://dx.doi.org/10.1016/j.sse.2008.11.008.

Li, T; Li, X; Li, W; Chu, B, ei; Su, Z; Han, L; Hu, Z; Zhang, Z. (2009). Tunable red emission by incorporation of a rubrene derivative in p-type and n-type hosts in organic light emitting devices. Thin Solid Films 517: 4629-4632. http://dx.doi.org/10.1016/j.tsf.2009.03.106.

Li, T; You, J; Wen, J; Liang, Z. (2005). An efficient reconstruction method for nonuniform attenuation compensation in nonparallel beam geometries based on Novikov's explicit inversion formula. IEEE Trans Med Imaging 24: 1357-1368. http://dx.doi.org/10.1109/TMI.2005.857026.

Li, W; Shibata, E; Zhou, Z; Ichihara, S; Wang, H; Wang, Q; Li, J; Zhang, L; Wakai, K; Takeuchi, Y; Ding, X; Ichihara, G. (2010). Dose-dependent neurologic abnormalities in workers exposed to 1-bromopropane. J Occup Environ Med 52: 769-777. http://dx.doi.org/10.1097/JOM.0b013e3181eaded7.

Li, W; Xia, Y; Ti, C; Yan, X. (2011). Evaluation of biological and chemical nitrogen indices for predicting nitrogen-supplying capacity of paddy soils in the Taihu Lake region, China. Biol Fertil Soils 47: 669-678. http://dx.doi.org/10.1007/s00374-011-0577-x.

Li, W; Yu, J; Wang, T, ao; Jiang, Y; Wei, B. (2008). Electroluminescence of organic light-emitting diodes with an ultra-thin layer of dopant. Mater Sci Eng B 149: 77-81. http://dx.doi.org/10.1016/j.mseb.2007.11.027.

Li, WL; Gao, ZQ; Hong, ZY; Lee, CS; Lee, ST. (2000). Blue electroluminescent devices made from a naphthyl-substituted benzidine derivative and rare earth metal chelates. Synthetic Metals 111: 53-56.

Li, WX; Hagen, J; Jones, R; Heikenfeld, J; Steckl, AJ. (2007). Color tunable organic light emitting diodes using Eu complex doping. Solid-State Electronics 51: 500-504. http://dx.doi.org/10.1016/j.sse.2007.01.033.

Li, X; Deng, Z; Chen, Z; Shi, Y; Xu, D. (2008). Multilayer cathode for organic light-emitting devices. Displays 29: 323-326. http://dx.doi.org/10.1016/j.displa.2007.09.015.

Li, X; Jiang, J; Gu, L; Ali, SW; He, J; Li, S. (2008). Diversity of chlorpyrifos-degrading bacteria isolated from chlorpyrifos-contaminated samples. Int Biodeterior Biodegradation 62: 331-335. http://dx.doi.org/10.1016/j.ibiod.2008.03.001.

Li, X; Wu, S; Zhang, D; Su, Z; Lei, P; Zhang, Z; Hu, Z; Li, W. (2010). Synthesis, photophysical and electrophosphorescent properties of a novel fluorinated rhenium(I) complex. Synthetic Metals 160: 390-393. http://dx.doi.org/10.1016/j.synthmet.2009.11.012.

Li, X; Zhang, D; Li, W; Chu, B, ei; Han, L; Li, T; Su, Z; Zhu, J; Chen, Y; Hu, Z; Lei, P; Zhang, Z. (2009). Efficient electroluminescence based on a novel binuclear rhenium complex. Optical Materials 31: 1173-1176. http://dx.doi.org/10.1016/j.optmat.2008.12.014.

Li, X; Zhang, D; Li, W; Chu, B, ei; Han, L; Li, T; Su, Z; Zhu, J; Wu, S; Chen, Y; Lei, P; Hu, Z; Zhang, Z. (2009). New rhenium complexes containing 4,5-diazafluorene ligand for high-efficiency green electrophosphorescence. Synthetic Metals 159: 1340-1344. http://dx.doi.org/10.1016/j.synthmet.2009.03.004.

Li, Y; Shang, X; Zhou, L; Jiang, Y; Cui, R; Zhao, X. (2016). Influence of doping concentration on the dominant injection and transport mechanisms of electrons within Alq(3) doped NPB films. Thin Solid Films 616: 160-163. http://dx.doi.org/10.1016/j.tsf.2016.08.017.

Li, Y; Wen, C; Weng, Y. (2013). Fine mapping of the pleiotropic locus B for black spine and orange mature fruit color in cucumber identifies a 50 kb region containing a R2R3-MYB transcription factor. Theor Appl Genet 126: 2187-2196. http://dx.doi.org/10.1007/s00122-013-2128-3.

Li, Y; Xu, X; Wang, C; Wang, C; Xie, F; Yang, J; Gao, Y. (2015). Investigation on thermal evaporated CH3NH3PbI3 thin films. 5. http://dx.doi.org/10.1063/1.4930545.

Li, YX; Chen, BH; Meng, WJ; Li, CY; Wang, WX; Cao, G. (2003). Effect of pore structure and acidic property of MCM-22 zeolite on product distribution of benzene alkylation with propylene. Chinese journal of catalysis 24: 494-498.

Li, Z; Wu, Z; Fu, W, en; Wang, D; Liu, P; Jiao, B, o; Lei, X; Zhou, G; Hao, Y. (2013). Stable amorphous bis(diarylamino)biphenyl derivatives as hole-transporting materials in OLEDs. Electronic Materials Letters 9: 655-661. http://dx.doi.org/10.1007/s13391-013-2195-2.

Li, Z; Yu, J; Zhou, L; Zhang, H; Deng, R; Guo, Z. (2008). 1.54 mu m near-infrared photoluminescent and electroluminescent properties of a new Erbium (111) organic complex. Organic Electronics 9: 487-494. http://dx.doi.org/10.1016/j.orgel.2008.02.010.

Liang, CJ; Hong, ZR; Liu, XY; Zhao, DX; Zhao, D; Li, WL; Peng, JB; Yu, JQ; Lee, CS; Lee, ST. (2000). Organic electroluminescent devices using europium complex as an electron-transport emitting layer. Thin Solid Films 359: 14-16.

Liang, FS; Chen, JS; Cheng, YX; Wang, LX; Ma, DG; Jing, XB; Wang, FS. (2003). Synthesis, characterization, photoluminescent and electroluminescent properties of new conjugated 2,2 '-(arylenedivinylene)bis-8-substituted quinolines. J Mater Chem 13: 1392-1399. http://dx.doi.org/10.1039/b210408c.

Liang, FS; Chen, JS; Wang, LX; Ma, DG; Jing, XB; Wang, FS. (2003). A hydroxyphenyloxadiazole lithium complex as a highly efficient blue emitter and interface material in organic light-emitting diodes. J Mater Chem 13: 2922-2926. http://dx.doi.org/10.1039/b307209f.

Fate Literature Search Results

Off Topic

Liang, FS; Cheng, YX; Su, GP; Ma, DG; Wang, LX; Jing, XB; Wang, FS. (2003). White organic electroluminescence based on a new boron complex. Synthetic Metals 137: 1109-1110. http://dx.doi.org/10.1016/S0379-6779(02)01101-3.

Lim, JT; Jeong, CH; Vozny, A; Lee, JH; Kim, MS; Yeom, GY. (2007). Top-emitting organic light-emitting diode using transparent conducting indium oxide layer fabricated by a two-step ion beam-assisted deposition. Surf Coating Tech 201: 5358-5362. http://dx.doi.org/10.1016/j.surfcoat.2006.07.036.

Lim, JT, ae; Kim, KN, am; Yeom, GY. (2009). Device Characteristics of Organic Light-Emitting Diodes Based on Electronic Structure of the Ba-Doped Alq(3) Layer. J Nanosci Nanotechnol 9: 7485-7490. http://dx.doi.org/10.1166/jnn.2009.1774.

Lim, JT, ae; Kwon, J, aeW; Yeom, GY. (2011). Enhanced Driving Performance of Organic Light-Emitting Diodes with All Carrier Ohmic-Contacts. J Electrochem Soc 158: J10-J14. http://dx.doi.org/10.1149/1.3519846.

Lim, JT; Kwon, JW; Park, JB; Yeom, GY. (2011). Chemical and electronic properties of Ba/bis(2-methyl-8-quinolinolato)(4-phenylphenolato)aluminum(III) interfaces for organic light-emitting diodes. J Nanosci Nanotechnol 11: 851-855. http://dx.doi.org/10.1166/jnn.2011.3235.

Lim, JT; Lee, JH; Park, JK; Park, BJ; Yeom, GY. (2008). Top-emitting organic light-emitting diodes based on semitransparent conducting cathode of Ba/Al/ITO. Surf Coating Tech 202: 5646-5649. http://dx.doi.org/10.1016/j.surfcoat.2008.06.036.

Lim, JT, ae; Park, J, inWoo; Kwon, J, aeW; Yeom, GY; Lhm, K; Lee, KJ, ae. (2013). Optoelectronic Characteristics of Organic Light-Emitting Diodes with a Rb2CO3-Mixed C-60 Layer as an Electron Ohmic-Contact. J Electrochem Soc 160: G1-G5. http://dx.doi.org/10.1149/2.038301jes.

Lin, C, hiF; Liu, SW, ei; Lee, CC; Sakurai, T; Kubota, M; Su, W, eiC; Huang, J, iaC; Chiu, TL; Han, HC; Chen, L, iC; Chen, CT, i; Lee, JH, aw. (2015). A new anodic buffer layer material for non-mixed planar heterojunction chloroboron subphthalocyanine organic photovoltaic achieving 96% internal quantum efficiency. Solar Energy Materials and Solar Cells 137: 138-145. http://dx.doi.org/10.1016/j.solmat.2015.01.011.

Lin, H, ui; Yu, J; Lou, S; Wang, J, un; Jiang, Y. (2008). Low temperature DC sputtering deposition on indium-tin oxide film and its application to inverted top-emitting organic light-emitting diodes. Journal of Materials Science & Technology 24: 179-182.

Lin, H, ui; Yu, J; Wang, N; Lou, S; Jiang, Y. (2009). Fabrication and Properties of DC Magnetron Sputtered Indium Tin Oxide on Flexible Plastic Substrate. Journal of Materials Science & Technology 25: 119-122.

Lin, JS; Lin, SH; Chen, NP, o; Ko, CH, ao; Tsai, ZS; Juang, F, uhS; Chen, CM; Liu, LC. (2010). Manufacture of brightness enhancement films (BEFs) by ultraviolet (UV) irradiation and their applications for organic light emitting diodes (OLEDs). Synthetic Metals 160: 1493-1500. http://dx.doi.org/10.1016/j.synthmet.2010.05.009.

Lin, Z; Wen, Y, uhS; Chow, TJ. (2009). White light-emitting devices with a single emitting layer based on bisindolylmaleimide fluorophores. J Mater Chem 19: 5141-5148. http://dx.doi.org/10.1039/b901627a.

Liu, D; Zhen, CG; Wang, XS; Zou, DC; Zhang, BW; Cao, Y. (2004). Enhancement in brightness and efficiency of organic electroluminescent device using novel N,N-di(9-ethylcarbaz-3-yl)-3-methylaniline as hole injecting and transporting material. Synthetic Metals 146: 85-89. http://dx.doi.org/10.1016/j.synthmet.2004.06.022.

Liu, H; Sun, P; Liu, H; Yang, S; Wang, L; Wang, Z. (2015). Hepatic oxidative stress biomarker responses in freshwater fish Carassius auratus exposed to four benzophenone UV filters. Ecotoxicol Environ Saf 119: 116-122. http://dx.doi.org/10.1016/j.ecoenv.2015.05.017.

Liu, MW; Zhang, XH; Lai, WY; Lin, XQ; Wong, FL; Gao, ZQ; Lee, CS; Hung, LS; Lee, ST; Kwong, HL. (2001). A new series of blue emitting pyrazine derivatives for organic electroluminescence devices. 185: 203-211.

Liu, S; Liu, R, ui; Chen, Y; Ho, S; Kim, JH; So, F. (2014). Nickel Oxide Hole Injection/Transport Layers for Efficient Solution-Processed Organic Light-Emitting Diodes. Chem Mater 26: 4528-4534. http://dx.doi.org/10.1021/cm501898y.

Liu, TH; Iou, CY; Wen, SW; Chen, CH. (2003). 4-(Dicyanomethylene)-2-t-butyl-6-(1,1,7,7-tetramethyljulolidyl-9-enyl)-4H-pyran doped red emitters in organic light-emitting devices. Thin Solid Films 441: 223-227. http://dx.doi.org/10.1016/S0040-6090(03)00861-7.

Liu, WG; Zheng, MY; Polle, EA; Konzak, CF. (2002). Highly efficient doubled-haploid production in wheat (Triticum aestivum L.) via induced microspore embryogenesis. Crop Sci 42: 686-692.

Liu, Y; Wang, L; Zaidi, SA, liR; Elkashlan, M; Duong, TQ. (2016). Secure D2D Communication in Large-Scale Cognitive Cellular Networks: A Wireless Power Transfer Model. I E E E Transactions on Communications 64: 329-342. http://dx.doi.org/10.1109/TCOMM.2015.2498171.

Liu, Y, ouS; Ying, GG, uo; Shareef, A, li; Kookana, R, aiS. (2011). Photostability of the UV filter benzophenone-3 and its effect on the photodegradation of benzotriazole in water. Environ Chem 8: 581-588. http://dx.doi.org/10.1071/EN11068.

Liu, Z; Bian, Z; Ming, L; Ding, F; Shen, H; Nie, D; Huang, C. (2008). Green and blue-green phosphorescent heteroleptic iridium complexes containing carbazole-functionalized beta-diketonate for non-doped organic light-emitting diodes. Organic Electronics 9: 171-182. http://dx.doi.org/10.1016/j.orgel.2007.09.001.

Liu, Z; Guan, M, in; Bian, Z; Nie, D; Gong, Z; Li, Z; Huang, C. (2006). Red phosphorescent iridium complex containing carbazole-functionalized beta-diketonate for highly efficient nondoped organic light-emitting diodes. Adv Funct Mater 16: 1441-1448. http://dx.doi.org/10.1002/adfm.200600099.

Liu, Z; Pinto, J; Soares, J; Pereira, E. (2001). Efficient multilayer organic light emitting diode. Synthetic Metals 122: 177-179.

Lo, MF, ai; Ng, T, szWai; Mo, H, inWai; Lee, CS. (2013). Direct Threat of a UV-Ozone Treated Indium-Tin-Oxide Substrate to the Stabilities of Common Organic Semiconductors. Adv Funct Mater 23: 1718-1723. http://dx.doi.org/10.1002/adfm.201202120.

Long, L, i; Zhang, M; Xu, S; Zhou, X; Gao, X; Shang, Y; Wei, B, in. (2012). Cyclic arylamines functioning as advanced hole-transporting and emitting materials. Synthetic Metals 162: 448-452. http://dx.doi.org/10.1016/j.synthmet.2012.01.003.

Lorenzo, OG; Pena, TF; Cabaleiro, JC; Pichel, JC; Rivera, FF. (2014). 3DyRM: a dynamic roofline model including memory latency information. Journal of Supercomputing 70: 696-708. http://dx.doi.org/10.1007/s11227-014-1163-4.

Lu, AW; Chan, J; Rakic, AD; Ng, AM, anC; Djurisic, AB. (2006). Optimization of microcavity OLED by varying the thickness of multi-layered mirror. Optical and Quantum Electronics 38: 1091-1099. http://dx.doi.org/10.1007/s11082-006-9057-1.

Fate Literature Search Results

Off Topic

Lu, HT; Tsou, CC; Yokoyama, M. (2005). Improvement of FWHM and luminance of blue organic light-emitting diodes with double hole-blocking structure. J Cryst Growth 277: 388-392. http://dx.doi.org/10.1016/j.jcrysgro.2004.12.182.

Lu, HW, ei; Huang, CW, en; Kao, P, oC; Chu, SY; Juang, YD, er. (2015). Effects of ITO Electrode Modification Using CsF Solution on Performance of Organic Light-Emitting Diodes. 4: R54-R59. http://dx.doi.org/10.1149/2.0221503jss.

Lu, HW, ei; Kao, P, oC; Chu, SY. (2016). The effects of UV-ozone treated ultra-thin Li2CO3-doped NiO film as the anode buffer layer on the electrical characteristics of organic light-emitting diodes. J Alloy Comp 682: 311-317. http://dx.doi.org/10.1016/j.jallcom.2016.04.271.

Lu, HW, ei; Tsai, CC, he; Hong, CS; Kao, P, oC; Juang, YD, er; Chu, SY. (2016). The The effects of ultra-thin cerium fluoride film as the anode buffer layer on the electrical characteristics of organic light emitting diodes. Appl Surf Sci 385: 139-144. http://dx.doi.org/10.1016/j.apsusc.2016.05.105.

Lu, L; Junsheng, Y; Qing, L; Shuangling, L; Yadong, J; Wei, L. (2008). Efficient blue organic light-emitting diodes with simple structure based on N, N '-bis (1-naphthyl)-N, N '-biphenyl-1, 1 '-biphenyl-4,4 '-diamine. 17: 111-114.

Lu, Z; Deng, Z; Hou, Y; Zhang, X; Xu, H. (2013). Enhanced properties of organic electroluminescent devices with cesium chloride ultra-thin layer. Displays 34: 69-74. http://dx.doi.org/10.1016/j.displa.2012.12.001.

Lu, Z; Hou, Y; Xiao, J; Xu, H. (2014). Effects of emissive layer architecture on recombination zone and Forster resonance energy transfer in organic light-emitting diodes. Displays 35: 247-251. http://dx.doi.org/10.1016/j.displa.2014.08.005.

Lu, Z; Hou, Y; Xiao, J; Xu, H. (2014). Emission spectra dependence on voltage and emissive layer layout in organic light-emitting diodes. Vacuum 109: 197-199. http://dx.doi.org/10.1016/j.vacuum.2014.07.026.

Lu, Z; Wei-hua, X; Zhi-yun, O; Chun-quan, Z. (2014). Determination of priority nature conservation areas and human disturbances in the Yangtze River Basin, China. J Nat Conservat 22: 326-336. http://dx.doi.org/10.1016/j.jnc.2014.02.007.

Lucia, A; Finger, EJ. (2004). Co-solvent selection and recovery. Adv Environ Res 8: 197-211. http://dx.doi.org/10.1016/S1093-0191(02)00132-6.

Lue, Z; Deng, Z; Chen, Z; Yin, Y; Xu, D; Xiao, J; Wang, Y. (2011). The effect of various electrodes on the properties of electroluminescent devices with potassium chloride inside tris (8-hydroxyquinoline) aluminum. Displays 32: 113-117. http://dx.doi.org/10.1016/j.displa.2011.01.004.

Lue, Z; Deng, Z; Zheng, J; Xu, D; Chen, Z; Zhou, E; Wang, Y. (2010). Organic light-emitting diodes with 2-(4-biphenylyl)-5(4-tert-butyl-phenyl)-1,3,4-oxadiazole layer inserted between hole-injecting and hole-transporting layers. Vacuum 84: 1287-1290. http://dx.doi.org/10.1016/j.vacuum.2010.02.004.

Lue, Z; Deng, Z; Zheng, J; Zhou, E; Chen, Z; Xu, D; Wang, Y. (2010). Organic light-emitting diodes using potassium chloride as efficiency and stability enhancers. Displays 31: 54-58. http://dx.doi.org/10.1016/j.displa.2009.09.004.

Lundgren, CE; Eckhardt, LG; Senf, CJ; Bowdwin, MR; Pendergast, DR. (2013). Negative pressure breathing increases cardiac output and nitrogen elimination in seated subjects. Undersea Hyperb Med 40: 403-410.

Luo, FT; Tao, YT; Ko, SL; Chang, HC; Chen, H. (2002). Efficient electroluminescent material for light-emitting diodes from 1,4-distyrylbenzene derivatives. J Mater Chem 12: 47-52.

Luo, JX; Wang, W, ei; Meng, H, u; Xu, W, anJin; Qin, G, uoG. (2016). Optimizing efficiency of polycrystalline p-Si anode organic light-emitting diode. Rare Metals 35: 826-830. http://dx.doi.org/10.1007/s12598-016-0720-9.

Luo, W; Fang, M; Xu, H; Xing, H; Nie, Q. (2015). Transcriptome comparison in the pituitary-adrenal axis between Beagle and Chinese Field dogs after chronic stress exposure. Anim Genet 46: 522-534. http://dx.doi.org/10.1111/age.12325.

Luo, X; Wen, Z; Du, L; Lv, W; Zhao, F; Tang, Y; Chen, Z; Peng, Y. (2016). Notably Improved Red Photoresponse of Organic Diode Employing Gold Nanoparticles Plasmonic Absorption. J Nanosci Nanotechnol 16: 5707-5713. http://dx.doi.org/10.1166/jnn.2016.12056.

Lv, Z; Deng, Z; Xu, D; Li, X; Jia, Y. (2009). Efficient organic light-emitting diodes with C-60 buffer layer. Displays 30: 23-26. http://dx.doi.org/10.1016/j.displa.2008.10.001.

Ma, J; Jiang, XY; Liang, Z; Cao, J, in; Zhang, X; Zhang, ZL. (2009). Highly power efficient organic light-emitting diodes based on Cs2CO3 n-doped and MoO3 p-doped carrier transport layers. Semiconductor Science and Technology 24. http://dx.doi.org/10.1088/0268-1242/24/3/035009.

Ma, T, ao; Deng, K; Jiang, C; Tu, Y, an; Zhang, N; Liu, J, ie; Zhao, Y; Diao, Q. (2013). The relationship between microbial N synthesis and urinary excretion of purine derivatives in Dorper x thin-tailed Han crossbred sheep. Small Ruminant Research 112: 49-55. http://dx.doi.org/10.1016/j.smallrumres.2012.09.003.

Maemura, K; Yamauchi, H; Hayasaki, H; Kanbara, K; Tamayama, T; Hirata, I; Watanabe, M. (2003). gamma-Amino-butyric acid immunoreactivity in intramucosal colonic tumors. J Gastroenterol Hepatol 18: 1089-1094. http://dx.doi.org/10.1046/j.1440-1746.2003.03131.x.

Maiorano, V; Mazzeo, M; Mariano, F; Ben Khalifa, M; Carallo, S; Dussert-Vidalet, B; Cingolani, R; Gigli, G. (2008). Very Long Operational Lifetime at High Initial Luminance of Deep Red Phosphorescent Organic Light-Emitting Diodes With Double Emission Layers. I E E E Photonics Technology Letters 20: 2105-2107. http://dx.doi.org/10.1109/LPT.2008.2006859.

Mallarino, AP. (2003). Field calibration for corn of the Mehlich-3 soil phosphorus test with colorimetric and inductively coupled plasma emission spectroscopy determination methods. Soil Sci Soc Am J 67: 1928-1934.

Maluf, S; Prá, D; Friedrisch, JR; Bittar, C; da Silva, MA; Henriques, JA; Silla, L. (2009). Length of treatment and dose as determinants of mutagenicity in sickle cell disease patients treated with hydroxyurea. Environ Toxicol Pharmacol 27: 26-29. http://dx.doi.org/10.1016/j.etap.2008.08.004.

Marandure, T; Mapiye, C; Makombe, G; Nengovhela, B; Strydom, P; Muchenje, V; Dzama, K. (2016). Beef traders' and consumers' perceptions on the development of a natural pasture-fed beef brand by smallholder cattle producers in South Africa. African Journal of Range and Forage Science 33: 207-214. http://dx.doi.org/10.2989/10220119.2016.1235616.

Marchesan, S; Easton, CD; Styan, KE; Leech, P; Gengenbach, TR; Forsythe, JS; Hartley, PG. (2013). SU-8 photolithography on reactive plasma thin-films: coated microwells for peptide display. Colloids Surf B Biointerfaces 108: 313-321. http://dx.doi.org/10.1016/j.colsurfb.2013.03.018.

Fate Literature Search Results

Off Topic

Markwitz, A; Fang, F; Johnson, PB. (2011). Dual N/Pb ion-implanted Si: Temperature dependence of the novel shift of the Pb peak under electron beam annealing. Appl Surf Sci 257: 4856-4862. http://dx.doi.org/10.1016/j.apsusc.2010.12.114.

Mazon, G; Philippin, G; Cadet, J; Gasparutto, D; Fuchs, RP. (2009). The alkyltransferase-like ybaZ gene product enhances nucleotide excision repair of O(6)-alkylguanine adducts in E. coli. DNA Repair 8: 697-703. http://dx.doi.org/10.1016/j.dnarep.2009.01.022.

Mendes, AMS; Duda, GP; Do Nascimento, CWA; Lima, JAG; Medeiros, ADL. (2010). Accumulation of heavy metals and chemical alterations in a Ultisol cultivated with melon. Revista Brasileira de Engenharia AgrÃ-cola e Ambiental - Agriambi 14: 791-796.

Meng, H, u; Luo, J; Wang, W, ei; Shi, Z; Niu, Q; Dai, L, un; Qin, G. (2013). Top-Emission Organic Light-Emitting Diode with a Novel Copper/Graphene Composite Anode. Adv Funct Mater 23: 3324-3328. http://dx.doi.org/10.1002/adfm.201203283.

Meng, LC; Hou, Y, anB; Lou, Z, hiD; Teng, F; Yao, X; Liu, XJ, un; Tang, A, iWei; Peng, J, unB. (2013). Efficient and color-stable white organic light-emitting diodes based on exciton management and phosphorescent sensitization. Synthetic Metals 172: 63-68. http://dx.doi.org/10.1016/j.synthmet.2013.03.022.

Meng, Q; Wang, G; Jiang, H; Wang, Y, un; Xie, S. (2013). Preparation of a fast photochromic ormosil matrix coating for smart windows. Journal of Materials Science 48: 5862-5870. http://dx.doi.org/10.1007/s10853-013-7382-x.

Mi, BX; Gao, ZQ; Lee, CS; Kwong, HL; Wang, NB; Lee, ST. (2001). Efficient green electroluminescence of pure chromaticity from a polycyclic aromatic hydrocarbon. J Mater Chem 11: 2244-2247.

Miao, R; Fang, Z; Yang, D; Zhang, Y; Wang, Y; Zhu, B; Zhang, M. (2015). [Effects of 1-bromopropane on hematological changes of exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 350-351.

Miao, R; Fang, Z; Zhu, B; Yang, D; Qian, G; Chen, Y; Zhang, Y. (2015). [Cardiac effects of 1-bromopropane on exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 352-353.

Miao, R; Shi, Y; Zhu, B; Ding, P; Yang, D; Fu, Z; Zhang, Y; Wang, Y; Zhang, M. (2015). [Electrophysiological effects of 1-bromopropane on exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 355-357.

Miao, RM; Ding, BM; Zhang, YY; Wu, WM; You, DH; Fang, ZH; Zhao, R. (2016). [The research of proteome profiling change of 1-bromopropane poisoning cases]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 34: 835-838.

Miao, Y; Gao, Z; Li, Y; Zhang, A; Wang, H, ua; Hao, Y; Jia, H; Liu, X; Xu, B. (2015). Multiple emissive layers white organic light emitting device with nanoplatforms patterning structure for improved current efficiency and color balance. Synthetic Metals 203: 59-67. http://dx.doi.org/10.1016/j.synthmet.2015.02.017.

Miller, TL; Downie, AJ; Cribb, TH. (2009). Morphological disparity despite genetic similarity; new species of Lobosorchis Miller & Cribb, 2005 (Digenea: Cryptogonimidae) from the Great Barrier Reef and the Maldives. Zootaxa37-52.

Mirsaidov, U; Comer, J; Dimitrov, V; Aksimentiev, A; Timp, G. (2010). Slowing the translocation of double-stranded DNA using a nanopore smaller than the double helix. Nanotechnology 21: 395501. http://dx.doi.org/10.1088/0957-4484/21/39/395501.

Mirza, T; Gérin, M; Bégin, D; Drolet, D. (2000). A study on the substitution of trichloroethylene as a spot remover in the textile industry. AIHAJ 61: 431-438.

Mitchell, AE; Zheng, J; Hammock, BD; Lo Bello, M; Jones, AD. (1998). Structural and functional consequences of haloenol lactone inactivation of murine and human glutathione S-transferase. Biochemistry 37: 6752-6759. http://dx.doi.org/10.1021/bi971846r.

Miyazawa, K, ae; Murayama, T. (2007). Heterogeneity of neutral phosphate buffer extractable soil organic matter. Soil Sci Plant Nutr 53: 1-6. http://dx.doi.org/10.1111/j.1747-0765.2007.00103.x.

Mogi, K; Ito, S; Matsuyama, S; Ohara, H; Sakumoto, R; Yayou, K; Ohkura, S; Sutoh, M; Mori, Y; Okamura, H. (2008). Central administration of neuropeptide B, but not prolactin-releasing peptide, stimulates cortisol secretion in sheep. J Reprod Dev 54: 138-141.

Mohideen, SS; Ichihara, S; Subramanian, K; Huang, Z; Naito, H; Kitoh, J; Ichihara, G. (2013). Effects of exposure to 1-bromopropane on astrocytes and oligodendrocytes in rat brain. J Occup Health 55: 29-38. http://dx.doi.org/10.1539/joh.12-0118-OA.

Moon, HI, l; Shin, S; Byeon, SH. (2015). Exposure Monitoring and Health Risk Assessment of 1-Bromopropane as a Cleaning Solvent in the Workplace. Hum Ecol Risk Assess 21: 744-752. http://dx.doi.org/10.1080/10807039.2014.926203.

Mori, A; Okada, K. (2010). Phosphate buffer-extractable organic nitrogen as an index of soil-N availability for sorghum and pearl millet. J Plant Nutr Soil Sci 173: 284-290. http://dx.doi.org/10.1002/jpln.200900282.

Mori, M; Ishihara, M; Okumura, J; Yamaguchi, K; Nakamae, K. (2003). Immobilization of viologen moieties on poly(acrylic acid)-grafted polyethylene surface. Sen'i Gakkaishi 59: 260-265.

Nakayama, Y; Machida, S; Miyazaki, Y; Nishi, T; Noguchi, Y; Ishii, H. (2012). Electronic structures at organic heterojunctions of N,N '-bis(1-naphthyl)-N, N '-diphenyl-1,1 '-biphenyl-4,4 '-diamin (NPB)-based organic light emitting diodes. Organic Electronics 13: 2850-2855. http://dx.doi.org/10.1016/j.orgel.2012.08.033.

Neghabi, M; Behjat, A; Mirjalili, B, iBiF; Zamani, L. (2013). Improvement of performance of tetraphenylporphyrin-based red organic light emitting diodes using WO3 and C-60 buffer layers. Curr Appl Phys 13: 302-306. http://dx.doi.org/10.1016/j.cap.2012.08.003.

Nguyen, PH; Scheinert, S; Berleb, S; Bruetting, W; Paasch, G. (2001). The influence of deep traps on transient current voltage characteristics of organic light-emitting diodes. Organic Electronics 2: 105-120.

NIOSH (National Institute for Occupational Safety and Health). (2008). 1-BP: A Potential Occupational Hazard. Retrieved from https://blogs.cdc.gov/niosh-science-blog/2008/12/08/1bp/

NIOSH (National Institute for Occupational Safety and Health). (2010). Pocket Guide: Methyl bromide. Retrieved from http://www.cdc.gov/niosh/npg/npgd0400.html

Niu, L; Guan, M, in; Chu, X; Zeng, Y; Li, Y; Zhang, Y. (2015). Transient Current Response Characteristics in MoO3-Based Organic Light-Emitting Diodes. J Phys Chem C 119: 10526-10531. http://dx.doi.org/10.1021/acs.jpcc.5b03175.

Nivard, MJ; Czene, K; Segerbäck, D; Vogel, EW. (2003). Mutagenic activity of ethylene oxide and propylene oxide under XPG proficient and deficient conditions in relation to N-7-(2-hydroxyalkyl)guanine levels in Drosophila. Mutat Res 529: 95-107. http://dx.doi.org/10.1016/S0027-5107(03)00111-8.

Fate Literature Search Results

Off Topic

Nohmi, T; Masumura, K. (2005). Molecular nature of intrachromosomal deletions and base substitutions induced by environmental mutagens [Review]. Environ Mol Mutagen 45: 150-161. http://dx.doi.org/10.1002/em.20110.

Nousiainen, T; Zubko, E; Niemi, JV; Kupiainen, K; Lehtinen, M; Muinonen, K; Videen, G. (2009). Single-scattering modeling of thin, birefringent mineral-dust flakes using the discrete-dipole approximation. J Geophys Res Atmos 114. http://dx.doi.org/10.1029/2008JD011564.

NTP. (1990). NTP Toxicology and Carcinogenesis Studies of Glycidol (CAS No. 556-52-5) In F344/N Rats and B6C3F1 Mice (Gavage Studies). 374: 1-229.

NTP. (2003). Monograph on the Potential Human Reproductive and Developmental Effects of 2-Bromopropane (2-BP. 11: i-III11.

NTP (National Toxicology Program). (2011). Glycidol. In Report on Carcinogenes 13th edition. RTP, NC. http://ntp.niehs.nih.gov/ntp/roc/content/profiles/glycidol.pdf.

NTP (National Toxicology Program). (2011). Report on Carcinogens: Propylene oxide. Research Triangle Park, NC.

Odawara, M; Udagawa, T; Shimaoka, G. (2005). Morphological investigation of double positioning growth of (111)-boron phosphide (BP) on the (0001)-GaN. Appl Surf Sci 244: 289-292. http://dx.doi.org/10.1016/j.apsusc.2004.10.147.

Oh, S; Lee, K, umHee; Kim, YK; Yoon, SS, oo. (2012). Highly efficient blue OLEDs based on diphenylaminofluorenylstyrenes end-capped with heterocyclic aromatics. Materials Research Bulletin 47: 2792-2795. http://dx.doi.org/10.1016/j.materresbull.2012.04.055.

Oh, S; Lee, K, umHee; Seo, J, iH; Kim, YK; Yoon, SS, oo. (2011). Highly Efficient Blue Light-Emitting Materials Based on Arylamine Substituted DPVBi Derivatives. J Nanosci Nanotechnol 11: 7250-7253. http://dx.doi.org/10.1166/jnn.2011.4798.

Okamoto, T; Kozaki, M; Doe, M; Uchida, M; Wang, GF; Okada, K. (2005). 1,4-benzoxazino[2,3-b]phenoxazine and its sulfur analogues: Synthesis, properties, and application to organic light-emitting diodes. Chem Mater 17: 5504-5511. http://dx.doi.org/10.1021/cm050723n.

Orselli, E; Maunoury, J; Bascour, D; Catinat, JP. (2012). Orange phosphorescent organic light-emitting diodes with high operational stability. Organic Electronics 13: 1506-1510. http://dx.doi.org/10.1016/j.orgel.2012.04.020.

OSHA (Occupational Safety & Health Administration). (2011). Chemical Exposure Health data. Retrieved from http://www.osha.gov/opengov/healthsamples.html

Osipov, KA; Pavlovskii, VN; Lutsenko, EV; Gurskii, AL; Yablonskii, GP; Hartmann, S; Janssen, A; Johannes, HH; Caspary, R; Kowalsky, W; Meyer, N; Gersdorff, A; Heuken, A; van Gemmern, P; Zimmermann, C; Jessen, F; Kalisch, H; Jansen, RH. (2007). Influence of thermal annealing on photoluminescence and structural properties of N,N '-diphenyl-N,N '-bis(1-naphthylphenyl)-1, 1 '-biphenyl-4,4 '-diamine (alpha-NPD) organic thin films. Thin Solid Films 515: 4834-4837. http://dx.doi.org/10.1016/j.tsf.2006.11.029.

Ostapovets, A; Serra, A. (2014). Characterization of the matrix-twin interface of a (10(1)over-bar2) twin during growth. Philos Mag 94: 2827-2839. http://dx.doi.org/10.1080/14786435.2014.933906.

Osterholm, AM; Hou, SM. (1998). Splicing mutations at the HPRT locus in human T-lymphocytes in vivo. Environ Mol Mutagen 32: 25-32.

Palilis, LC; Murata, H; Uchida, M; Kafafi, ZH. (2003). High efficiency molecular organic light-emitting diodes based on silole derivatives and their exciplexes. Organic Electronics 4: 113-121. http://dx.doi.org/10.1016/j.orgel.2003.08.006.

Pan, QW, a; Lei, F, uMin; Yin, Z, uoHua; Kristin, A; Kanuch, P. (2007). Phylogenetic relationships between Turdus species: Mitochondrial cytochrome b gene analysis. Ornis Fennica 84: 1-11.

Paredes, YA; Caldas, PG; Prioli, R; Cremona, M. (2011). Quality improvement of organic thin films deposited on vibrating substrates. Thin Solid Films 520: 1416-1421. http://dx.doi.org/10.1016/j.tsf.2011.10.040.

Park, G, uiY; Ha, Y. (2008). Red phosphorescent iridium(III) complexes containing 2,3-diphenylquinoline derivatives for OLEDs. Synthetic Metals 158: 120-124. http://dx.doi.org/10.1016/j.synthmet.2007.12.010.

Park, H, yoY; Lee, S. (2015). Highly efficient yellow organic light-emitting diodes based on a hole-dominant host layer co-doped with yellow emitting and electron transporting guests. Curr Appl Phys 15: 1620-1623. http://dx.doi.org/10.1016/j.cap.2015.09.010.

Park, H, oC; Park, JW; Oh, SG. (2009). Well-Organized Highly Efficient White Organic Light Emitting Diodes Using Fluorescent Emitting Materials. J Nanosci Nanotechnol 9: 7260-7264. http://dx.doi.org/10.1166/jnn.2009.1658.

Park, H, oC; Park, JW; Oh, SG. (2010). Highly efficient and stable organic light-emitting diode by balancing drift current of charge. Curr Appl Phys 10: 1103-1107. http://dx.doi.org/10.1016/j.cap.2010.01.005.

Park, J, inWoo; Lim, JT, ae; Oh, JS, ik; Kim, SH, ee; Viet, PP; Jhon, MS; Yeom, GY. (2013). Electron-injecting properties of Rb2CO3-doped Alq(3) thin films in organic light-emitting diodes. Journal of Vacuum Science and Technology A 31. http://dx.doi.org/10.1116/1.4798302.

Park, JK; Kim, DE, un; Hoanh, TD, ac; Kwon, YS, oo; Lee, BJ. (2008). Zinc Complex Based on 2-(5-Methyl-2-hydroxyphenyl)benzotriazole: Synthesis and Electroluminescence Characteristics. J Nanosci Nanotechnol 8: 5071-5075. http://dx.doi.org/10.1166/jnn.2008.1213.

Park, JK; Lee, K, umHee; Kang, S; Lee, J, inY; Park, JS, un; Seo, J, iH; Kim, YK; Yoon, SS, oo. (2010). Highly efficient blue-emitting materials based on 10-naphthylanthracene derivatives for OLEDs. Organic Electronics 11: 905-915. http://dx.doi.org/10.1016/j.orgel.2010.02.009.

Park, JK; Lee, K, umHee; Park, JS, un; Seo, J, iH; Kim, YK; Yoon, SS, oo. (2011). Highly Efficient Blue Light-Emitting Diodes Based on Diarylanthracene/Triphenylsilane Compounds. J Nanosci Nanotechnol 11: 4357-4362. http://dx.doi.org/10.1166/jnn.2011.3698.

Park, JW; Lee, SE; Park, HC; Chung, TG; Seo, HJ. (2004). Synthesis and electroluminescent properties of diphenyl benzeneamine derivatives as dopant material. Mater Sci Eng C 24: 103-106. http://dx.doi.org/10.1016/j.msec.2003.09.033.

Park, NR; Ryu, GY; Lim, DH; Lee, SJ; Kim, YK; Shin, DM. (2014). Effects of co-doping on the red fluorescent OLEDS. J Nanosci Nanotechnol 14: 5109-5113. http://dx.doi.org/10.1166/jnn.2014.8427.

Park, S; Lee, H; Lee, J; Lee, Y; Yi, Y. (2014). Electronic structures of CuI interlayers in organic electronic devices: An interfacial studies of N,N '-diphenyl-N,N '-bis(1-naphthyl)-1,1 '-biphenyl-4,4 '-diamine/CuI and tris-(8-hydroxyquinolinato)aluminum/CuI. Organic Electronics 15: 3298-3305. http://dx.doi.org/10.1016/j.orgel.2014.09.005.

Park, S, ooNa; Lee, HW, oo; Kim, YS; Kim, J; Lee, SE, un; Lee, H, oWon; Kim, YK; Yoon, SS, oo. (2015). Blue organic light-emitting diodes based on phenyl-bridged fluoranthene and triphenylene derivatives. Synthetic Metals 206: 124-130. http://dx.doi.org/10.1016/j.synthmet.2015.05.020.

Fate Literature Search Results

Off Topic

Park, TJ; Kim, SY; Jeon, WS; Park, JJ; Pode, R; Jang, J; Kwon, JH. (2008). Electrical characterization of N- and P-doped hole and electron only organic devices. J Nanosci Nanotechnol 8: 5606-5609. http://dx.doi.org/10.1166/jnn.2008.1434.

Park, Y; Kim, B; Lee, C; Hyun, A; Jang, S; Lee, J, iH; Gal, YS; Kim, T, aeH; Kim, KS, oo; Park, J. (2011). Highly Efficient New Hole Injection Materials for OLEDs Based on Dimeric Phenothiazine and Phenoxazine Derivatives. J Phys Chem C 115: 4843-4850. http://dx.doi.org/10.1021/jp108719w.

Park, Y; Kim, B; Lee, C; Lee, J; Lee, J, iH; Park, J. (2012). High Efficiency New Hole Injection Materials for Organic Light Emitting Diodes Based on Dimeric Phenothiazine and Phenoxazine Moiety Derivatives. J Nanosci Nanotechnol 12: 4356-4360. http://dx.doi.org/10.1166/jnn.2012.5886.

Patra, G; Williams, LE; Qi, Y; Rose, S; Redkar, R; Delvecchio, VG. (2002). Rapid genotyping of Bacillus anthracis strains by real-time polymerase chain reaction. Ann N Y Acad Sci 969: 106-111.

Patten, KO; Khamaganov, VG; Orkin, VL; Baughcum, SL; Wuebbles, DJ. (2011). OH reaction rate constant, IR absorption spectrum, ozone depletion potentials and global warming potentials of 2-bromo-3,3,3-trifluoropropene. J Geophys Res Atmos 116. http://dx.doi.org/10.1029/2011JD016518.

Paulechka, YU; Kabo, GJ; Blokhin, AV; Firaha, DS. (2011). Thermodynamics of Ionic Liquid Precursors. 1-Bromobutane and Its Isomers. Journal of Chemical and Engineering Data 56: 4891-4899. http://dx.doi.org/10.1021/je200814m.

Pavlicev, M; Mayer, W. (2006). Multiple copies of coding as well as pseudogene c-mos sequence exist in three lacertid species. J Exp Zoolog B Mol Dev Evol 306: 539-550. http://dx.doi.org/10.1002/jez.b.21110.

Peng, J; Ye, K; Zhang, G; Zhan, Y; Jia, J; Xue, P; Lu, R, an. (2014). Synthesis, photophysical and electroluminescent properties of phenanthroimidazole derivatives with terminal carbazole or pyrene. Synthetic Metals 193: 94-101. http://dx.doi.org/10.1016/j.synthmet.2014.04.004.

Peng, T, ai; Li, G; Ye, K; Wang, C; Zhao, S; Liu, Y, u; Hou, Z; Wang, Y, ue. (2013). Highly efficient phosphorescent OLEDs with host-independent and concentration-insensitive properties based on a bipolar iridium complex. 1: 2920-2926. http://dx.doi.org/10.1039/c3tc00500c.

Peng, Z; Tao, S; Zhang, X; Tang, J; Lee, CS; Lee, ST. (2008). New fluorene derivatives for blue electroluminescent devices: Influence of substituents on thermal properties, photoluminescence, and electroluminescence. J Phys Chem C 112: 2165-2169. http://dx.doi.org/10.1021/jp074834g.

Perego, C; Millini, R; Parker, WO; Belussi, G; Romano, U. (2004). Influence of zeolite pore structure on benzene propylation to iso-/n-propylbenzene. Stud Surf Sci Catal 154: 2239-2246.

Pereira, D; Pinto, A; California, A; Gomes, J; Pereira, L. (2016). Control of a White Organic Light Emitting Diode emission parameters using a single doped RGB active layer. Mater Sci Eng B 211: 156-165. http://dx.doi.org/10.1016/j.mseb.2016.07.004.

Peters, K; Raupp, S; Hummel, H; Bruns, M; Scharfer, P; Schabel, W. (2016). Formation of blade and slot die coated small molecule multilayers for OLED applications studied theoretically and by XPS depth profiling. 6. http://dx.doi.org/10.1063/1.4953845.

Pimentel, MC; Leão, AB; Melo, EH; Ledingham, WM; Filho, JL; Sivewright, M; Kennedy, JF. (2007). Immobilization of Candida rugosa lipase on magnetized Dacron: kinetic study. Artificial Cells, Blood Substitutes, and Biotechnology 35: 221-235. http://dx.doi.org/10.1080/10731190601188380.

Pisso, I; Haynes, PH; Law, KS. (2010). Emission location dependent ozone depletion potentials for very short-lived halogenated species. Atmos Chem Phys 10: 12025-12036. http://dx.doi.org/10.5194/acp-10-12025-2010.

Piva, A; Pizzamiglio, V; Morlacchini, M; Tedeschi, M; Piva, G. (2007). Lipid microencapsulation allows slow release of organic acids and natural identical flavors along the swine intestine. J Anim Sci 85: 486-493. http://dx.doi.org/10.2527/jas.2006-323.

Plna, K; Nilsson, R; Koskinen, M; Segerback, D. (1999). 32P-postlabelling of propylene oxide 1- and N6-substituted adenine and 3-substituted cytosine/uracil: formation and persistence in vitro and in vivo. Carcinogenesis 20(10): 2025- 2032. (Supported by the American Chemical Manufacturer's Association. Authors affiliated with. Carcinogenesis 20: 2025-2032.

Pollack, AZ; Perkins, NJ; Sjaarda, L; Mumford, SL; Kannan, K; Philippat, C; Wactawski-Wende, J; Schisterman, EF. (2016). Variability and exposure classification of urinary phenol and paraben metabolite concentrations in reproductive-aged women. Environ Res 151: 513-520. http://dx.doi.org/10.1016/j.envres.2016.08.016.

Polowinski, S; Jantas, R. (2008). Antibacterial and Catalytic Properties of Textiles with Modified Surfaces. 16: 104-107.

Popovic, ZD; Xie, S; Hu, N; Hor, A; Fork, D; Anderson, G; Tripp, C. (2000). Life extension of organic LED's by doping of a hole transport layer. Thin Solid Films 363: 6-8.

Qian, D; Lu, Z; Jian, S; XiQing, Z; YongSheng, W. (2012). Organic photodetectors based on transparent electrodes for application in ultraviolet light detection. Science China Technological Sciences 55: 1551-1555. http://dx.doi.org/10.1007/s11431-012-4806-9.

Qian, G; Zhong, Z, e; Luo, M, in; Yu, D; Zhang, Z; Ma, D; Wang, Z, hiY. (2009). Synthesis and Application of Thiadiazoloquinoxaline-Containing Chromophores as Dopants for Efficient Near-Infrared Organic Light-Emitting Diodes. J Phys Chem C 113: 1589-1595. http://dx.doi.org/10.1021/jp809568a.

Qin, D; Jin, S; Chen, Y; Wang, W; Chen, L, i. (2015). The improved performance in inverted organic light-emitting diodes using the hybrid-p-doped hole transport layer. Applied Physics A: Materials Science and Processing 120: 651-655. http://dx.doi.org/10.1007/s00339-015-9233-x.

Qin, D; Liu, J; Chen, Y; Chen, L, ei; Quan, W, ei; Li, G. (2012). Increased performance in the organic light-emitting diode employing two p-doped hole transport layers. Semiconductor Science and Technology 27. http://dx.doi.org/10.1088/0268-1242/27/4/045012.

Qin, W, ei; Liu, J; Chen, S; Lam, JWY; Arseneault, M; Yang, Z; Zhao, Q; Kwok, H, oiS; Tang, B, enZ. (2014). Crafting NPB with tetraphenylethene: a win-win strategy to create stable and efficient solid-state emitters with aggregation-induced emission feature, high hole-transporting property and efficient electroluminescence. 2: 3756-3761. http://dx.doi.org/10.1039/c4tc00145a.

Qiu, Y; Qiao, J. (2000). Photostability and morphological stability of hole transporting materials used in organic electroluminescence. Thin Solid Films 372: 265-270.

Fate Literature Search Results

Off Topic

Qiu, Y; Qiao, J; Gao, YD; Zhang, DQ; Wang, LD. (2002). A novel 1,5-naphthylenediamine derivative as potential organic blue light-emitting material. Synthetic Metals 129: 25-28.

Quirino, WG; Legnani, C; Cremona, M; Lima, PP; Junior, SA; Malta, OL. (2006). White OLED using beta-diketones rare earth binuclear complex as emitting layer. Thin Solid Films 494: 23-27. http://dx.doi.org/10.1016/j.tsf.2005.08.185.

Quirino, WG; Legnani, C; dos Santos, RMB; Teixeira, KC; Cremona, M; Guedes, MA; Brito, HF. (2008). Electroluminescent devices based on rare-earth tetrakis beta-diketonate complexes. Thin Solid Films 517: 1096-1100. http://dx.doi.org/10.1016/j.tsf.2008.06.012.

Radaoui, M; Ben Fredj, A; Romdhane, S; Bouaicha, M; Bouchriha, H. (2013). Enhancement of magneto-conductance in n-Si/n-PS/NPB structures at room temperature. Mater Sci Eng B 178: 1416-1421. http://dx.doi.org/10.1016/j.mseb.2013.08.019.

Ramadass, K; Smith, E; Palanisami, T; Mathieson, G; Srivastava, P; Megharaj, M; Naidu, R. (2015). Evaluation of constraints in bioremediation of weathered hydrocarbon-contaminated arid soils through microcosm biopile study. Int J Environ Sci Tech 12: 3597-3612. http://dx.doi.org/10.1007/s13762-015-0793-2.

Ramos-Chavez, LA; Sordo, M; Calderon-Aranda, E; Castañeda-Saucedo, E; Ostrosky-Wegman, P; Moreno-Godinez, ME. (2015). A permethrin/allethrin mixture induces genotoxicity and cytotoxicity in human peripheral blood lymphocytes. J Toxicol Environ Health A 78: 7-14. http://dx.doi.org/10.1080/15287394.2015.956025.

Rao, MVM; Su, Y, anK; Huang, TS; Chen, Y, iC. (2010). White Organic Light Emitting Devices Based on Multiple Emissive Nanolayers. Nano-Micro Letters 2: 242-246. http://dx.doi.org/10.3786/nml.v2i4.p242-246.

Rao, MVM; Su, YK; Liu, YC; Huang, TS. (2016). LOW DRIVING VOLTAGE FOR FLEXIBLE ORGANIC LIGHT EMITTING DIODES BASED ON TRANSPARENT ANODE. Digest Journal of Nanomaterials and Biostructures 11: 865-872.

Raymond, LW; Ford, MD. (2007). Severe illness in furniture makers using a new glue: 1-bromopropane toxicity confounded by arsenic. J Occup Environ Med 49: 1009-1019. http://dx.doi.org/10.1097/JOM.0b013e318145b616.

Riel, H; Brutting, W; Beierlein, T; Haskal, E; Muller, P; Riess, W. (2000). Influence of space charges on the current-voltage characteristic of organic light-emitting devices. Synthetic Metals 111: 303-306.

Rink, KK; Kozinski, JA; Lighty, JS. (1995). BIOSLUDGE INCINERATION IN FBCS - BEHAVIOR OF ASH PARTICLES. Combust Flame 100: 121-132.

Ríos-Blanco, MN; Faller, TH; Nakamura, J; Kessler, W; Kreuzer, PE; Ranasinghe, A; Filser, JG; Swenberg, JA. (2000). Quantitation of DNA and hemoglobin adducts and apurinic/apyrimidinic sites in tissues of F344 rats exposed to propylene oxide by inhalation. Carcinogenesis 21: 2011-2018.

Ríos-Blanco, MN; Ranasinghe, A; Lee, MS; Faller, T; Filser, JG; Swenberg, JA. (2003). Molecular dosimetry of N7-(2-hydroxypropyl)guanine in tissues of F344 rats after inhalation exposure to propylene oxide. Carcinogenesis 24: 1233-1238. http://dx.doi.org/10.1093/carcin/bgg087.

Ruiz, DRY; Moumen, A; Alcaide, EM. (2004). Comparative studies on microbial protein synthesis in the rumen of goats and sheep. J Anim Feed Sci 13: 251-254.

Rustan, PL; Verga, RL; Nikolich, M; Wiley, RL; Straw, DC. (1991). SDIO PULSED POWER RESEARCH-AND-DEVELOPMENT REQUIREMENTS. I E E E Transactions on Electron Devices 38: 686-691.

Ryu, GY; Lee, SG; Lim, SH; Kim, GY; Kim, YK; Shin, DM. (2009). A non-doped organic light emitting diode with pure red emission using a new host emitter. J Nanosci Nanotechnol 9: 6983-6987. http://dx.doi.org/10.1166/jnn.2009.1655.

Ryu, GY; Shin, SE; Seo, JH; Park, JS; Chang, HM; Shin, S; Kim, YK; Shin, DM. (2011). A Study on White Organic Light-Emitting Diodes Co-Doped with Red Fluorescent and Blue Phosphorescent Dopants. J Nanosci Nanotechnol 11: 4430-4433. http://dx.doi.org/10.1166/jnn.2011.3706.

Sahasithiwat, S; Sooksimuang, T; Kangkaew, L; Panchan, W. (2017). 3,12-Dimethoxy-5,6,9,10-tetrahydro-7,8-dicyano-[5]helicene as a new emitter for blue and white organic light-emitting diodes. Dyes and Pigments 136: 754-760. http://dx.doi.org/10.1016/j.dyepig.2016.09.042.

Sahoo, PK; Sheu, JP. (2003). An efficient channel allocation technique for multiple videos-on-demand. Multimedia Tools and Applications 20: 67-81.

Saito, H; Okumoto, Y; Yoshitake, Y; Inoue, H; Yuan, Q; Teraishi, M; Tsukiyama, T; Nishida, H; Tanisaka, T. (2011). Complete loss of photoperiodic response in the rice mutant line X61 is caused by deficiency of phytochrome chromophore biosynthesis gene. Theor Appl Genet 122: 109-118. http://dx.doi.org/10.1007/s00122-010-1426-2.

Samoto, H; Fukui, Y; Ukai, H; Okamoto, S; Takada, S; Ohashi, F; Moriguchi, J; Ezaki, T; Ikeda, M. (2006). Field survey on types of organic solvents used in enterprises of various sizes. Int Arch Occup Environ Health 79: 558-567. http://dx.doi.org/10.1007/s00420-005-0082-3.

Sari, A; Zamani, Y; Taheri, SA, li. (2009). Intrinsic kinetics of Fischer-Tropsch reactions over an industrial Co-Ru/gamma-Al2O3 catalyst in slurry phase reactor. Fuel Process Tech 90: 1305-1313. http://dx.doi.org/10.1016/j.fuproc.2009.06.024.

Sarret, G; Manceau, A; Spadini, L; Roux, JC; Hazemann, JL; Soldo, Y; Eybert-Berard, L; Menthonnex, JJ. (1998). Structural determination of Zn and Pb binding sites in Penicillium chrysogenum cell walls by EXAFS spectroscopy. Environ Sci Technol 32: 1648-1655.

Sayfzadeh, S; Habibi, D; Taleghani, DF; Kashani, A; Vazan, S; Qaen, SHS; Khodaei, AH; Mashhadi, M; Boojar, A; Rashidi, M. (2011). Response of Antioxidant Enzyme Activities and Root Yield in Sugar Beet to Drought Stress. International Journal of Agriculture and Biology 13: 357-362.

Scheckel, KG; Impellitteri, CA; Ryan, JA. (2004). Lead sorption on ruthenium oxide: A macroscopic and spectroscopic study. Environ Sci Technol 38: 2836-2842. http://dx.doi.org/10.1021/es035212l.

Schuette, A; Boelens, OJ; Oehlke, M; Jirasek, A; Loeser, T. (2012). Prediction of the flow around the X-31 aircraft using three different CFD methods. Aerospace Science and Technology 20: 21-37. http://dx.doi.org/10.1016/j.ast.2011.07.014.

Schulte, PA; Mckernan, LT; Heidel, DS; Okun, AH; Dotson, GS; Lentz, TJ; Geraci, CL; Heckel, PE; Branche, CM. (2013). Occupational safety and health, green chemistry, and sustainability: a review of areas of convergence [Review]. Environ Health 12: 31. http://dx.doi.org/10.1186/1476-069X-12-31.

Fate Literature Search Results

Off Topic

Schulz, U; Praefke, C; Munzert, P; Goedeker, C; Kaiser, N. (2011). Formation of antireflective nanostructures on melamine and N,N '-di(1-naphthyl)-N,N ' diphenyl benzidine (NPB). 1: 101-107.

Schwarzenbach, RP; Giger, W; Schaffner, C; Wanner, O. (1985). GROUNDWATER CONTAMINATION BY VOLATILE HALOGENATED ALKANES ABIOTIC FORMATION OF VOLATILE SULFUR COMPOUNDS UNDER ANAEROBIC CONDITIONS. Environ Sci Technol 19: 322-327. http://dx.doi.org/10.1021/es00134a003.

Schwarzenbacher, H; Wurmser, C; Flisikowski, K; Misurova, L; Jung, S; Langenmayer, MC; Schnieke, A; Knubben-Schweizer, G; Fries, R; Pausch, H. (2016). A frameshift mutation in GON4L is associated with proportionate dwarfism in Fleckvieh cattle. 48: 25. http://dx.doi.org/10.1186/s12711-016-0207-z.

Segerbäck, D; Plná, K; Faller, T; Kreuzer, PE; Hakansson, K; Filser, JG; Nilsson, R. (1998). Tissue distribution of DNA adducts in male Fischer rats exposed to 500 ppm of propylene oxide: quantitative analysis of 7-(2-hydroxypropyl)guanine by 32P-postlabelling. Chem Biol Interact 115: 229-246.

Seo, HJ; Park, HC; Lee, SE; Park, JW. (2005). Synthesis and electroluminescent properties of carbazolyl vinylene derivatives. Curr Appl Phys 5: 209-212. http://dx.doi.org/10.1016/j.cap.2003.11.085.

Seo, JA; Lee, CW, on; Gong, MS. (2013). Spirobenzofluorene linked anthracene derivatives: Synthesis and application in blue fluorescent host materials. Dyes and Pigments 96: 211-219. http://dx.doi.org/10.1016/j.dyepig.2012.08.011.

Seong, NC; Jeon, YM, in; Lim, T, aeHo; Kim, JW, oo; Lee, CW, on; Lee, E, nJ; Jang, J, iG; Jang, H, oJ; Lee, JY; Gong, MS. (2007). Organic light-emitting device using new distyrylarylene host materials. Synthetic Metals 157: 421-426. http://dx.doi.org/10.1016/j.synthmet.2007.04.015.

Shangguan, R; Mu, G; Qiao, X; Wang, L, ei; Cheah, K, okWai; Zhu, X; Chen, CH. (2011). Low sublimation temperature cesium pivalate complex as an efficient electron injection material for organic light-emitting diode devices. Organic Electronics 12: 1957-1962. http://dx.doi.org/10.1016/j.orgel.2011.08.005.

Shen, Q, un; Ye, S; Yu, G, ui; Lu, P; Liu, Y. (2008). Synthesis of tetraarylsilanes and its usage as blue emitters in electroluminescence. Synthetic Metals 158: 1054-1058. http://dx.doi.org/10.1016/j.synthmet.2008.07.012.

Shen, WC; Su, Y, anK; Ji, LW, en. (2006). High bright white organic light-emitting diode based on mixing orange and blue emission. J Cryst Growth 293: 48-51. http://dx.doi.org/10.1016/j.jcrysgro.2006.03.062.

Sherchan, J; Choi, H; Lee, ES. (2009). Depurination of nucleosides and calf thymus DNA induced by 2-bromopropane at the physiological condition. Bull Kor Chem Soc 30: 2309-2317.

Sherchan, J; Yun, M; Lee, E, -S. (2009). Deadenylation of adenine based- nucleosides and calf thymus DNA induced by halogenated alkanes at the physiological condition. Bull Kor Chem Soc 30: 2318-2328.

Shi, H, eP; Dai, J, xin; Wu, XH; Shi, L, iwen; Yuan, JD; Fang, L, i; Miao, Y, anqin; Du, XG; Wang, H, ua; Dong, C. (2013). A novel dimesitylboron-substituted indolo[3,2-b]carbazole derivative: Synthesis, electrochemical, photoluminescent and electroluminescent properties. Organic Electronics 14: 868-874. http://dx.doi.org/10.1016/j.orgel.2012.12.028.

Shi, S; Ma, D. (2006). Improved performance and stability by an Al/Ni bilayer cathode in organic light-emitting diodes. Appl Surf Sci 253: 1551-1554. http://dx.doi.org/10.1016/j.apsusc.2006.02.038.

Shi, S; Ma, D. (2006). NaCl/Ca/Al as an efficient cathode in organic light-emitting devices. Appl Surf Sci 252: 6337-6341. http://dx.doi.org/10.1016/j.apsusc.2005.08.036.

Shi, S; Ma, D; Peng, J. (2007). Improved electron injection in organic light-emitting devices with a lithium acetylacetonate [Li(acac)]/aluminium bilayer cathode. Semiconductor Science and Technology 22: 249-252. http://dx.doi.org/10.1088/0268-1242/22/3/013.

Shi, SW; Ma, DG. (2005). A pentacene-doped hole injection layer for organic light-emitting diodes. Semiconductor Science and Technology 20: 1213-1216. http://dx.doi.org/10.1088/0268-1242/20/12/012.

Shi, Y, uM; Deng, Z, bo; Xu, D, hui; Chen, Z; Li, X, iuF. (2007). Quantum well organic light emitting diodes with ultra thin Rubrene layer. Displays 28: 97-100. http://dx.doi.org/10.1016/j.displa.2007.02.001.

Shi, Y, uM; Deng, Z, bo; Xu, D, hui; Xiao, J. (2006). Organic light-emitting diodes with improved hole-electron balance and tunable light emission with aromatic diamine/bathocuproine multiple hole-trapping-layer. Displays 27: 166-169. http://dx.doi.org/10.1016/j.displa.2006.05.003.

Shim, S; Kim, J, inTae; Shin, E, unJin; Chung, N, akK; Ko, MK, yu; Kwon, O; Yun, J, uY. (2016). Phase behaviors of NPB molecule under vacuum. Materials Research Bulletin 82: 67-70. http://dx.doi.org/10.1016/j.materresbull.2016.01.054.

Shin, D; Lee, J; Lee, H; Kim, H; Yi, Y. (2014). Evidence for the changes in hole injection mechanism with a CoPc hole injection layer. Curr Appl Phys 14: 778-783. http://dx.doi.org/10.1016/j.cap.2014.03.006.

Shin, H; Kang, H; Kim, JH; Wang, Y; Kim, S; Kay, K; Park, J. (2015). Synthesis and Electroluminescence Property of New Hexaphenyl Benzene Derivatives Including Emitting Core for OLED. J Nanosci Nanotechnol 15: 8289-8294. http://dx.doi.org/10.1166/jnn.2015.11260.

Shin, H; Wang, YF; Kim, JH; Lee, J; Kay, KY; Park, J. (2013). Synthesis and electroluminescence property of new hexaphenylbenzene derivatives including amine group for blue emitters. Nanoscale Res Lett 8: 421. http://dx.doi.org/10.1186/1556-276X-8-421.

Shin, W, onJu; Lee, J, eYun; Kim, J, aeC; Yoon, T, aeH; Kim, T, aeS; Song, O, kK. (2008). Bulk and interface properties of molybdenum trioxide-doped hole transporting layer in organic light-emitting diodes. Organic Electronics 9: 333-338. http://dx.doi.org/10.1016/j.orgel.2007.12.001.

Silva, AC; Vidal-Torrado, P; Cortizas, AM; Rodeja, EG. (2004). Soils of the Sao Jose Hills (Minas Gerais State, Brazil) and their relationship with palaeoclimate in southeastern Brazil. Revista Brasileira de Ciencia do Solo 28: 455-466.

Silva, VM; Pereira, L. (2006). The nature of the electrical conduction and light emitting efficiency in organic semiconductors layers: The case of [m-MTDATA]-[NPB]-Alq3 OLED. Journal of Non-Crystalline Solids 352: 5429-5436. http://dx.doi.org/10.1016/j.jnoncrysol.2006.08.016.

Simonet, J; Peters, DG. (2004). Electrochemical conversion of primary alkyl halides to alkenes at platinum cathodes. J Electrochem Soc 151: D7-D12. http://dx.doi.org/10.1149/1.1636179.

Fate Literature Search Results

Off Topic

Siviour, NG; Ng, K. (1994). MG-PB PHASE-DIAGRAM AND PHASE-TRANSFORMATIONS IN THE INTERMETALLIC COMPOUNDS MG2PB AND BETA'. Metallurgical and Materials Transactions B - Process Metallurgy and Materials Processing Science 25: 265-275.

SK, L; CH, J; SH, H; DW, L; GH, K; TW, J; Lee, J; DH, K; HG, J; ES, L; a, JT. (2005). Identification of glutathione conjugates and mercapturic acids of 1,2-dibromopropane in female BALB/c mice by liquid chromatography-electrospray ionization tandem mass spectrometry. Xenobiotica 35(1): 97-105. (Supported by KOSEF, Korea. Authors affiliated with. 35: 97-105. http://dx.doi.org/10.1080/00498250400021937.

Small, CE; Tsang, S, aiW; Kido, J; So, S, huK; So, F. (2012). Origin of Enhanced Hole Injection in Inverted Organic Devices with Electron Accepting Interlayer. Adv Funct Mater 22: 3261-3266. http://dx.doi.org/10.1002/adfm.201200185.

SMARTe (Sustainable Management Approaches and Revitalization Tools - electronic). (2012). Understanding Units of Measurement. Retrieved from http://www.smarte.org/smarte/home/index.xml

Smith, CJ; Johnson, GT; Harbison, RD; Zhu, Y; Lee, RV; Banasik, M; Stedeford, T. (2011). Dose-dependent neurologic abnormalities in workers exposed to 1-bromopropane [Letter]. J Occup Environ Med 53: 707-708. http://dx.doi.org/10.1097/JOM.0b013e318220c30c.

Son, H, oJin; Han, W, onSik; Han, S, uJ; Lee, C; Kang, SO, ok. (2010). Electrochemically Active Dendrimers for the Manufacture of Multilayer Films: Electrochemical Deposition or Polymerization Process by End-Capped Triarylamine or Carbazole Dendrimer. J Phys Chem C 114: 1064-1072. http://dx.doi.org/10.1021/jp9083184.

Son, H, oJin; Han, W, onSik; Wee, KR; Lee, S, uH; Hwang, A, hR; Kwon, S; Cho, D, aeWon; Suh, I, lH; Kang, SO, ok. (2009). Intermolecular peripheral 2,5-bipyridyl interactions by cyclization of 1,1 '-silanylene unit of 2,3,4,5-aryl substituted siloles: enhanced thermal stability, high charge carrier mobility, and their application to electron transporting layers for OLEDs. J Mater Chem 19: 8964-8973. http://dx.doi.org/10.1039/b915214h.

Son, M, inJ; Kim, S; Kwon, S; Kim, JW, on. (2009). Interface electronic structures of organic light-emitting diodes with WO3 interlayer: A study by photoelectron spectroscopy. Organic Electronics 10: 637-642. http://dx.doi.org/10.1016/j.orgel.2009.02.017.

Song, J, iY; Lee, SB, ee; Lee, SJ, ae; Kim, YK; Yoon, SS, oo. (2015). Organic light-emitting diodes based on 9-(2-naphthyl)anthracene derivatives with a triphenylsilane unit as the deep-blue emitting layer. Thin Solid Films 577: 42-48. http://dx.doi.org/10.1016/j.tsf.2015.01.050.

Song, J, iY; Lee, SJ, ae; Kim, YK; Yoon, SS, oo. (2014). Highly efficient non-doped organic light emitting diodes (OLEDs) using anthracene derivatives with triphenylsilane unit. Materials Research Bulletin 58: 145-148. http://dx.doi.org/10.1016/j.materresbull.2014.03.021.

Song, J, in; Qin, D; Chen, Y; Wang, W; Chen, L, i. (2016). Unlocking the potential of p-doped hole transport layers in inverted organic light emitting diodes. Displays 45: 44-47. http://dx.doi.org/10.1016/j.displa.2015.12.003.

Song, L; Hu, Y; Zhang, N; Li, Y; Lin, J; Liu, X. (2016). Improved Performance of Organic Light-Emitting Field-Effect Transistors by Interfacial Modification of Hole-Transport Layer/Emission Layer: Incorporating Organic Heterojunctions. 8: 14063-14070. http://dx.doi.org/10.1021/acsami.6b02618.

Song, S; Kim, CW, oo; Moon, J, inS; Kim, S. (2014). At least nine independent natural mutations of the DFR-A gene are responsible for appearance of yellow onions (Allium cepa L.) from red progenitors. Molecular Breeding 33: 173-186. http://dx.doi.org/10.1007/s11032-013-9942-9.

Song, W; Meng, M, ei; Cheah, K; Zhu, F, uR; Kim, W, ooY. (2015). RGB Recombination Zone Tuning to Improve Optical Characteristics of White Organic Light-Emitting Diodes. J Nanosci Nanotechnol 15: 3697-3702. http://dx.doi.org/10.1166/jnn.2015.9260.

SRI Consulting. (2012). Directory of Chemical Producers. Database edition. Menlo Park, CA.

Stafford, E; Bosque, JL; Martinez, C; Vallejo, F; Beivide, R; Camarero, C; Castillo, E. (2016). Assessing the Suitability of King Topologies for Interconnection Networks. I E E E Transactions on Parallel and Distributed Systems 27: 682-694. http://dx.doi.org/10.1109/TPDS.2015.2409865.

Standeven, AM; Goldsworthy, TL. (1994). Identification of hepatic mitogenic and cytochrome P-450-inducing fractions of unleaded gasoline in B6C3F1 mice. J Toxicol Environ Health 43: 213-224. http://dx.doi.org/10.1080/15287399409531916.

Stolzenberg, SJ; Hine, CH. (1979). Mutagenicity of halogenated and oxygenated three-carbon compounds. J Toxicol Environ Health 5: 1149-1158. http://dx.doi.org/10.1080/15287397909529820.

Stroup-Gardiner, M; Nelson, JW. (2001). Use of n-propyl bromide solvents for extraction and recovery of asphalt cements. Journal of Testing and Evaluation 29: 432-441.

Styers, DM; Chappelka, AH. (2009). Urbanization and Atmospheric Deposition: Use of Bioindicators in Determining Patterns of Land-Use Change in West Georgia. Water Air Soil Pollut 200: 371-386. http://dx.doi.org/10.1007/s11270-008-9919-1.

Suda, M; Honma, T; Miyagawa, M; Wang, RS. (2008). Alteration of brain levels of neurotransmitters and amino acids in male F344 rats induced by three-week repeated inhalation exposure to 1-bromopropane. Ind Health 46: 348-359. http://dx.doi.org/10.2486/indhealth.46.348.

Suescun-Florez, E; Roslyakov, S; Iskander, M; Baamer, M. (2015). Geotechnical Properties of BP-1 Lunar Regolith Simulant. J Aerosp Eng 28. http://dx.doi.org/10.1061/(ASCE)AS.1943-5525.0000462.

Sun, J; Wang, H, ua; Xu, H; Li, J, ie; Wu, Y; Du, X; Xu, B. (2015). Synthesis, structure, photophysical and electroluminescent properties of a blue-green self-host phosphorescent iridium(III) complex. Mater Chem Phys 162: 392-399. http://dx.doi.org/10.1016/j.matchemphys.2015.06.005.

Sun, MC; Jou, JH; Weng, WK; Huang, YS. (2005). Enhancing the performance of organic light-emitting devices by selective thermal treatment. Thin Solid Films 491: 260-263. http://dx.doi.org/10.1016/j.tsf.2005.05.036.

Sun, PP; Duan, JP; Lih, JJ; Cheng, CH. (2003). Synthesis of new europium complexes and their application in electroluminescent devices. Adv Funct Mater 13: 683-691. http://dx.doi.org/10.1002/adfm.200304378.

Sun, Q; Dong, G; Li, D; Duan, L; Wang, L; Qiu, Y. (2012). Dark current and photovoltage models on the formation of depletion region in C-60/NPB organic heterojunctions. Organic Electronics 13: 3276-3283. http://dx.doi.org/10.1016/j.orgel.2012.09.022.

Sun, XW; Huang, JZ; Wang, JX; Xu, Z. (2008). A ZnO nanorod inorganic/organic heterostructure light-emitting diode emitting at 342 nm. Nano Lett 8: 1219-1223. http://dx.doi.org/10.1021/nl080340z.

Fate Literature Search Results

Off Topic

Sun, XY; Li, WL; Xu, ML; Chu, B; Bi, DF; Li, B; Hu, YW; Zhang, ZQ; Hu, ZZ. (2008). High-efficiency red phosphorescent organic light-emitting diodes based on metal-microcavity structure. Solid-State Electronics 52: 211-214. http://dx.doi.org/10.1016/j.sse.2007.09.001.

Sun, Z; Mou, X. (2016). Effects of sediment burial disturbance on macro and microelement dynamics in decomposing litter of Phragmites australis in the coastal marsh of the Yellow River estuary, China. Environ Sci Pollut Res Int 23: 5189-5202. http://dx.doi.org/10.1007/s11356-015-5756-0.

Sundriyal, V; Sosonkina, M. (2016). Joint frequency scaling of processor and DRAM. Journal of Supercomputing 72: 1549-1569. http://dx.doi.org/10.1007/s11227-016-1680-4.

SZ, Y; A, B. GABA's control of stem and cancer cell proliferation in adult neural and peripheral niches. Physiology 24: 171-185. (Supported by NIH. Authors affiliated with.

Sze, PW; Huang, CJ; Lin, FY; Lan, WH. (2015). Enhancement Performances in White Organic Light-Emitting Diode (WOLED) by Formation of Charge-Transfer (CT) Complex. J Nanosci Nanotechnol 15: 9178-9183. http://dx.doi.org/10.1166/jnn.2015.11413.

Sztrum, CG; Rabani, E. (2006). Out-of-equilibrium self-assembly of binary mixtures of nanoparticles. Adv Mater Deerfield 18: 565-+. http://dx.doi.org/10.1002/adma.200501408.

Tachizawa, H; MacDonald, TL; Neal, RA. (1982). Rat liver microsomal metabolism of propyl halides. Mol Pharmacol 22: 745-751.

Takebayashi, Y; Morii, N; Sue, K; Furuya, T; Yoda, S; Ikemizu, D, ai; Taka, H. (2015). Solubility of N,N '-Di(1-naphthyl)-N,N '-diphenyl Benzidine (NPB) in Various Organic Solvents: Measurement and Correlation with the Hansen Solubility Parameter. Ind Eng Chem Res 54: 8801-8808. http://dx.doi.org/10.1021/acs.iecr.5b01219.

Takehara, ZI; Ogumi, Z; Uchimoto, Y; Yasuda, K. (1995). ENHANCEMENT OF THE MONOVALENT CATION PERM-SELECTIVITY OF NAFION BY PLASMA-INDUCED SURFACE MODIFICATION. J Adhes Sci Tech 9: 615-625.

Takeuchi, Y. (2006). Control of hazardous substances at small workplaces. Ind Health 44: 48-52.

Talanov, MV; Razumovskaya, ON; Shilkina, LA; Reznichenko, LA. (2013). Effect of barium on the structure and dielectric properties of multicomponent ceramics based on ferroelectric relaxors. Inorg Mater 49: 957-961. http://dx.doi.org/10.1134/S0020168513090197.

Tamir, A; Wisniak, J. (1986). LIQUID VAPOR EQUILIBRIA AT 760 MMHG IN THE SYSTEMS METHANOL ACETONITRILE AND ACETONITRILE PROPYL BROMIDE. Journal of Chemical and Engineering Data 31: 363-364.

Tamir, A; Wisniak, J. (1987). VAPOR-LIQUID-EQUILIBRIA AT 760 MMHG IN THE TERNARY-SYSTEM METHANOL ACETONITRILE PROPYL BROMIDE. Journal of Chemical and Engineering Data 32: 291-293.

Tan, G; Chen, S; Sun, N; Li, Y; Fortin, D; Wong, W, aiY; Kwok, H, oiS; Ma, D; Wu, H; Wang, L; Harvey, PD. (2013). Highly efficient iridium(III) phosphors with phenoxy-substituted ligands and their high-performance OLEDs. 1: 808-821. http://dx.doi.org/10.1039/c2tc00123c.

Tan, YY; Fu, H, aoWei; Zhao, H, aiJun; Lu, S, ha; Fu, J, unJie; Li, Y, ouFa; Cui, H, aiRui; Shu, QY, ao. (2013). Functional molecular markers and high-resolution melting curve analysis of low phytic acid mutations for marker-assisted selection in rice. Molecular Breeding 31: 517-528. http://dx.doi.org/10.1007/s11032-012-9809-5.

Tang, C; Xu, H, ui; Wang, X, uL; Liu, W, ei; Liu, R, uiLan; Rong, Z; Fan, Q, uLi; Huang, W, ei. (2013). Study of carrier mobility of N,N '-diphenyl-N,N ' bis(1,1 '-biphenyl)-4,4 '-diamine (NPB) by transmission line model of impedance spectroscopy. Thin Solid Films 542: 281-284. http://dx.doi.org/10.1016/j.tsf.2013.06.075.

Tang, H, ao; Li, Y; Wang, X; Wang, W; Sun, R. (2007). Improvement of efficiency and stability utilizing a wide band gap material as the host for red organic light-emitting diodes. Semiconductor Science and Technology 22: 287-291. http://dx.doi.org/10.1088/0268-1242/22/3/020.

Tang, H; Tang, H, ao; Zhang, Z; Cong, C; Zhang, K. (2009). Synthesis, thermal, photoluminescent, and electroluminescent properties of a novel quaternary Eu(III) complex containing a carbazole hole-transporting functional group. Journal of Materials Science: Materials in Electronics 20: 597-603. http://dx.doi.org/10.1007/s10854-008-9771-5.

Tang, H; Tang, H, ao; Zhang, Z; Yuan, J; Cong, C; Zhang, K. (2009). Synthesis, photoluminescent and electroluminescent properties of a novel europium(III) complex involving both hole- and electron-transporting functional groups. Synthetic Metals 159: 72-77. http://dx.doi.org/10.1016/j.synthmet.2008.07.025.

Tao, S; Jiang, Y; Lai, SL, un; Fung, M, anK; Zhou, Y; Zhang, X; Zhao, W; Lee, CS. (2011). Efficient blue organic light-emitting devices with a new bipolar emitter. Organic Electronics 12: 358-363. http://dx.doi.org/10.1016/j.orgel.2010.12.001.

Tao, S; Li, L; Yu, J; Jiang, Y; Zhou, Y; Lee, CS; Lee, ST; Zhang, X; Kwon, O. (2009). Bipolar Molecule as an Excellent Hole-Transporter for Organic-Light Emitting Devices. Chem Mater 21: 1284-1287. http://dx.doi.org/10.1021/cm803087c.

Tao, Y; Wang, Q; Yang, C; Qin, J; Ma, D. (2010). Managing Charge Balance and Triplet Excitons to Achieve High-Power-Efficiency Phosphorescent Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces 2: 2813-2818. http://dx.doi.org/10.1021/am100495g.

Tao, Y; Wang, Q; Yang, C; Zhong, C; Qin, J; Ma, D. (2010). Multifunctional Triphenylamine/Oxadiazole Hybrid as Host and Exciton-Blocking Material: High Efficiency Green Phosphorescent OLEDs Using Easily Available and Common Materials. Adv Funct Mater 20: 2923-2929. http://dx.doi.org/10.1002/adfm.201000669.

Tao, Y, uTai; Wu, K, unY; Huang, K, oHui; Perng, TP. (2011). Odd-even modulation of electrode work function with self-assembled layer: Interplay of energy barrier and tunneling distance on charge injection in organic light-emitting diodes. Organic Electronics 12: 602-608. http://dx.doi.org/10.1016/j.orgel.2011.01.004.

Tao, YT; Balasubramaniam, E; Danel, A; Jarosz, B; Tomasik, P. (2001). Organic light-emitting diodes based on variously substituted pyrazoloquinolines as emitting material. Chem Mater 13: 1207-1212.

Tao, YT; Balasubramaniam, E; Danel, A; Wisla, A; Tomasik, P. (2001). Pyrazoloquinoline derivatives as efficient blue electroluminescent materials. J Mater Chem 11: 768-772.

Tao, YT; Ko, CW; Balasubramaniam, E. (2002). Energy transfer vs. carrier trapping: emission mechanism in dye-doped organic light emitting diodes. Thin Solid Films 417: 61-66.

Off Topic

Tatsuta, M; Iishi, H; Baba, M; Nakaizumi, A; Ichii, M; Taniguchi, H. (1990). INHIBITION BY GAMMA-AMINO-NORMAL-BUTYRIC ACID AND BACLOFEN OF GASTRIC CARCINOGENESIS INDUCED BY N-METHYL-N'-NITRO-N-NITROSOGUANIDINE IN WISTAR RATS. Cancer Res 50: 4931-4934.

Temple, L; Kawabata, TT; Munson, AE; White, KL. (1993). Comparison of ELISA and Plaque-Forming Cell Assays for Measuring the Humoral Immune Response to SRBC in Rats and Mice Treated with Benzo[a]pyrene or Cyclophosphamide. Toxicol Sci 21: 412-419. http://dx.doi.org/10.1093/toxsci/21.4.412.

Thangthong, AM; Prachumrak, N; Tarsang, R; Keawin, T; Jungsuttiwong, S; Sudyoadsuk, T; Promarak, V. (2012). Blue light-emitting and hole-transporting materials based on 9,9-bis(4-diphenylaminophenyl)fluorenes for efficient electroluminescent devices. J Mater Chem 22: 6869-6877. http://dx.doi.org/10.1039/c2jm15480c.

Tian, A; Cao, J; Zhang, E. (2016). Identification and functional characterisation of a novel anther-specific LTP promoter from Brassica campestris ssp chinensis. Journal of Horticultural Science and Biotechnology 91: 427-434. http://dx.doi.org/10.1080/14620316.2016.1166992.

Timp, W; Mirsaidov, UM; Wang, D; Comer, J; Aksimentiev, A; Timp, G. (2010). Nanopore Sequencing: Electrical Measurements of the Code of Life. I E E E Transactions on Nanotechnology 9: 281-294. http://dx.doi.org/10.1109/TNANO.2010.2044418.

TL, G; JA, M; RD, B; DL, M; Butterworth, L; AE, M; DR, G; KL, W. (2000). Glycidol modulation of the immune responses in female B6C3F1 mice. Drug Chem Toxicol 23: 433-457.

TM, S; IB, L; Williams, A; GR, D; CL, Y. (2006). Detection of induced male germline mutation: correlations and comparisons between traditional germline mutation assays, transgenic rodent assays and expanded simple tandem repeat instability assays. Mutat Res 598(1-2): 164-193. (Support not reported. Authors affiliated with Health. Mutat Res 598: 164-193. http://dx.doi.org/10.1016/j.mrfmmm.2006.01.017.

Tong, H, ui; Dong, Y; Hong, Y; Haussler, M; Lam, JWY; Sung, HHY; Yu, X; Sun, J; Williams, I, anD; Kwok, H, oiS; Tang, B, enZ. (2007). Aggregation-induced emission: Effects of molecular structure, solid-state conformation, and morphological packing arrangement on light-emitting behaviors of diphenyldibenzofulvene derivatives. J Phys Chem C 111: 2287-2294. http://dx.doi.org/10.1021/jp0630828.

Tong, QX; Lai, SL, un; Chan, M, eiYee; Lai, K, aHo; Tang, JX, in; Kwong, H, olLun; Lee, CS; Lee, ST. (2007). High T-g triphenylamine-based starburst hole-transporting material for organic light-emitting devices. Chem Mater 19: 5851-5855. http://dx.doi.org/10.1021/cm0712624.

Tong, QX; Lai, SL, un; Chan, M, eiYee; Zhou, Y, eC; Kwong, H, oiLun; Lee, CS; Lee, ST; Lee, T, aeWoo; Noh, T; Kwon, O. (2009). A High Performance Nondoped Blue Organic Light-Emitting Device Based on a Diphenylfluoranthene-Substituted Fluorene Derivative. J Phys Chem C 113: 6227-6230. http://dx.doi.org/10.1021/jp810305b.

Tong, QX; Lai, SL, un; Lo, MF, ai; Chan, M, eiYee; Ng, T, szWai; Lee, ST; Tao, S, iLu; Lee, CS. (2012). An efficient hole-transporting blue fluorophore 3,6-dipyrenyl-9-ethylcarbazole for undoped organic light-emitting devices. Synthetic Metals 162: 415-418. http://dx.doi.org/10.1016/j.synthmet.2011.12.030.

Tong, SW; Lau, KM; Sun, HY; Fung, MK; Lee, CS; Lifshitz, Y; Lee, ST. (2006). Ultraviolet photoelectron spectroscopy investigation of interface formation in an indium-tin oxide/fluorocarbon/organic semiconductor contact. Appl Surf Sci 252: 3806-3811. http://dx.doi.org/10.1016/j.apsusc.2005.05.065.

Töpfer, K; Kempe, S; Müller, N; Schmitz, M; Bachmann, M; Cartellieri, M; Schackert, G; Temme, A. (2011). Tumor evasion from T cell surveillance [Review]. J Biomed Biotechnol 2011: 918471. http://dx.doi.org/10.1155/2011/918471.

Toppi, S; Thomas, C; Sayag, C; Brodzki, D; Le Peltier, F; Travers, C; Djega-Mariadassou, G. (2003). Proposal for a common reactive adsorbate for ethylbenzene and indenic compounds in the conversion of n-propylbenzene over a precoked silica-supported platinum catalyst. J Catal 218: 411-418. http://dx.doi.org/10.1016/S0021-9517(03)00161-1.

Torres-Perez, J; Gerente, C; Andres, Y. (2012). Sustainable Activated Carbons from Agricultural Residues Dedicated to Antibiotic Removal by Adsorption. Chinese Journal of Chemical Engineering 20: 524-529.

Tran, CDT; Liu, Y, i; Thibau, ES; Llanos, A; Lu, ZH. (2015). Stability of organometal perovskites with organic overlayers. 5. http://dx.doi.org/10.1063/1.4930082.

Trivedi, K; Bhansali, US; Gnade, B; Hu, W. (2009). The fabrication of high density nanochannel organic light emitting diodes with reduced charge spreading. Nanotechnology 20: 405204. http://dx.doi.org/10.1088/0957-4484/20/40/405204.

Tsai, Y, uS; Wang, SH, si; Chen, SY; Su, SY; Juang, F, uhS. (2009). Efficiency improvement of flexible fluorescent and phosphorescent organic light emitting diodes by inserting a spin-coating buffer layer. Thin Solid Films 517: 5338-5342. http://dx.doi.org/10.1016/j.tsf.2009.03.154.

Tsang, SW; Tse, SC; Tong, KL; So, SK. (2006). PEDOT : PSS polymeric conducting anode for admittance spectroscopy. Organic Electronics 7: 474-479. http://dx.doi.org/10.1016/j.orgel.2006.06.002.

Tsou, CC; Lu, HT; Yokoyama, M. (2005). Investigation of the recombination zone in the structure of red organic electroluminescent devices. Thin Solid Films 488: 254-257. http://dx.doi.org/10.1016/j.tsf.2005.04.086.

Tsou, CC; Lu, HT; Yokoyama, M. (2005). Novel structure of white organic electroluminescent devices. Solid-State Electronics 49: 1595-1598. http://dx.doi.org/10.1016/j.sse.2005.07.002.

Tsou, CC; Lu, HT; Yokoyama, M. (2005). Red, green, blue and white organic electroluminescent devices. J Cryst Growth 280: 201-205. http://dx.doi.org/10.1016/j.jcrysgro.2005.03.044.

Tsou, CC; Lu, HT; Yokoyama, M. (2006). White organic electroluminescent devices. J Cryst Growth 289: 559-563. http://dx.doi.org/10.1016/j.jcrysgro.2005.12.112.

Tsuboi, T; Jeon, WS; Kwon, JH. (2009). Observation of phosphorescence from fluorescent organic material Bebq(2) using phosphorescent sensitizer. Optical Materials 31: 1755-1758. http://dx.doi.org/10.1016/j.optmat.2008.07.017.

Tsuboi, T; Kishimoto, T; Wako, K; Matsuda, K; Iguchi, H. (2012). Effect of ITO Surface Treatment on Organic Light Emitting Diodes. J Nanosci Nanotechnol 12: 3692-3695. http://dx.doi.org/10.1166/jnn.2012.5662.

Tsung, KK; So, SK. (2009). High temperature carrier mobility as an intrinsic transport parameter of an organic semiconductor. Organic Electronics 10: 661-665. http://dx.doi.org/10.1016/j.orgel.2009.02.014.

Fate Literature Search Results

Off Topic

Tung, YL; Chen, L, iS; Chi, Y, un; Chou, P, iTai; Cheng, Y, iM; Li, E, seYLi; Lee, GH; Shu, CF; Wu, TI, y; Carty, AJ. (2006). Orange and red organic light-emitting devices employing neutral Ru(II) emitters: Rational design and prospects for color tuning. Adv Funct Mater 16: 1615-1626. http://dx.doi.org/10.1002/adfm.200500901.

U.S. EPA. (2003). Protection of stratospheric ozone; Listing of substitutes for ozone- depleting substances - n-propyl bromide. 68: 33284-33316.

U.S. EPA. (2007). Protection of stratospheric ozone: Listing of substances for ozone depleting substances - n-propyl bromide in adhesives, coatings and aerosols. Fed Reg 72: 30168-30207.

U.S. EPA. (2007). Protection of stratospheric ozone: Listing of substitutes for ozone-depleting substances-n-propyl bromide in solvent cleaning. Fed Reg 72: 30142-30167.

U.S. EPA (U.S. Environmental Protection Agency). (2010). List of lists: Consolidated list of chemicals subject to the Emergency Planning and Community Right-to-know Act (EPCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and section 112(r) of the Clean Air Act [EPA Report]. (EPA 550-B-10-001). Washington, DC.

U.S. EPA (U.S. Environmental Protection Agency). (2012). Non-confidential IUR Production Volume Information.

Udagawa, T; Odawara, A; Shimaoka, G. (2005). High-resolution TEM characterization of MOVPE-grown (111)-BP layer on hexagonal 6H (0001)-SiC. Appl Surf Sci 244: 285-288. http://dx.doi.org/10.1016/j.apsusc.2004.10.129.

UNEP (United Nations Environment Programme). (2001). Montreal Protocol on Substances that Deplete the Ozone Layer. Report of the Technology and Economic Assessment Panel.

USITC. Interactive Tariff and Trade Dataweb. United States International Trade Commission. http://dataweb.usitc.gov/scripts/user_set.asp and search.

Vamvounis, G; Aziz, H; Hu, NX; Popovic, ZD. (2004). Temperature dependence of operational stability of organic light emitting diodes based on mixed emitter layers. Synthetic Metals 143: 69-73. http://dx.doi.org/10.1016/j.synthmet.2003.10.014.

van den Hurk, P; Faisal, M; Roberts, MH. (1998). Interaction of cadmium and benzo[a]pyrene in mummichog (Fundulus heteroclitus): Effects on acute mortality. Mar Environ Res 46: 525-528.

Van Hylckama Vlieg, JE; Janssen, DB. (2001). Formation and Detoxification of Reactive Intermediates in the Metabolism of Chlorinated Ethenes [Review]. J Biotechnol 85: 81-102.

Vanzetti, LS; Pflueger, L; Bainotti, CT; Jensen, C; Helguera, M. (2010). Identification of a null allele at the Wx-A1 locus in durum wheat (Triticum turgidum L. ssp durum Desf.). Plant Breeding (Print) 129: 718-720. http://dx.doi.org/10.1111/j.1439-0523.2009.01741.x.

Vaz, MF; Fortes, MA; Teixeira, PI. (2005). Symmetry-breaking transitions and dissociation of two-dimensional Plateau borders. Eur Phys J E Soft Matter 16: 401-407. http://dx.doi.org/10.1140/epje/i2004-10090-4.

Veerappan, K; Jung, H, eeJ; Hwang, I; Kho, KH, ee; Chung, M, iY; Nou, I, llSup. (2016). Sequence variation in SlMYB12 is associated with fruit peel color in pink tomato cultivars. Horticulture, Environment and Biotechnology 57: 274-279. http://dx.doi.org/10.1007/s13580-016-0041-9.

Vemireddy, LR; Archak, S; Nagaraju, J. (2007). Capillary electrophoresis is essential for microsatellite marker based detection and quantification of adulteration of Basmati rice (Oryza sativa). J Agric Food Chem 55: 8112-8117. http://dx.doi.org/10.1021/jf0714517.

Venkatachalm, S; Hayashi, H; Ebina, T; Kawasaki, K; Nakamura, T; Nanjo, H. (2012). Preparation and Optimization of Epitaxial Growth of Transparent ZnO Nanotip Thin Films by Hydrothermal Method. J Nanosci Nanotechnol 12: 3751-3759. http://dx.doi.org/10.1166/jnn.2012.6140.

Ventura, HT; Fonseca e Silva, F; Varona, L; Pereira de Figueiredo, EA; Costa, EV; da Silva, LP; Ventura, R; Lopes, PS. (2015). Comparing multi-trait Poisson and Gaussian Bayesian models for genetic evaluation of litter traits in pigs. Livest Sci 176: 47-53. http://dx.doi.org/10.1016/j.livsci.2015.03.030.

Vogel, EW; Nivard, MJ. (1997). The response of germ cells to ethylene oxide, propylene oxide, propylene imine and methyl methanesulfonate is a matter of cell stage-related DNA repair. Environ Mol Mutagen 29: 124-135. http://dx.doi.org/10.1002/(SICI)1098-2280(1997)29:2<124::AID-EM3>3.0.CO;2-E.

Vu, H-T; Yu, HC; Chen, YC; Chen, IW, enP; Huang, CY; Juang, F, uhS; Su, Y, anK. (2014). Non-oxidized graphene nanoplatelets as an efficient hole transport layer in organic light-emitting diodes. Organic Electronics 15: 792-797. http://dx.doi.org/10.1016/j.orgel.2014.01.008.

Wandeler, P; Camenisch, G. (2011). Identifying Y-chromosomal diversity by long-template PCR. Molecular Ecology Resources 11: 835-841. http://dx.doi.org/10.1111/j.1755-0998.2011.03013.x.

Wang, D; Beppu, K; Yamamoto, K; Inai, T; Kido, H. (2013). Effects of Bisphosphonate Administration on Peri-Implant Bone in Vitamin D-Deficient Rats. 22: 79-87.

Wang, D; Wu, Z; Zhang, X; Jiao, B, o; Liang, S; Wang, D; He, R; Hou, X, un. (2010). Solution-processed organic films of multiple small-molecules and white light-emitting diodes. Organic Electronics 11: 641-648. http://dx.doi.org/10.1016/j.orgel.2010.01.004.

Wang, F; Qiao, X; Xiong, T, ao; Ma, D. (2008). The role of molybdenum oxide as anode interfacial modification in the improvement of efficiency and stability in organic light-emitting diodes. Organic Electronics 9: 985-993. http://dx.doi.org/10.1016/j.orgel.2008.07.009.

Wang, G; He, Y, i; Wang, L. (2008). Effect of the ligand on the properties of emitting materials: Pentacoordinated 8-hydroxyquinoline aluminum complexes. Mater Lett 62: 2611-2614. http://dx.doi.org/10.1016/j.matlet.2007.12.070.

Wang, J; Wang, T; Cao, D; Zhao, X; Liu, J, ie; Zhuo, M; Mi, B; Gao, Z. (2015). Exciton blocking and dissociation by a p-type anode buffer in small molecule bulk heterojunction organic photovoltaic with small ratio donor of phosphorescent material. Organic Electronics 23: 11-16. http://dx.doi.org/10.1016/j.orgel.2015.04.004.

Wang, J, un; Yu, J; Lin, H, ui; Jiang, Y; Lou, S; Yang, G. (2007). High efficiency organic light-emitting diodes with yellow phosphorescent emission based on a novel iridium complex. Semiconductor Science and Technology 22: 25-28. http://dx.doi.org/10.1088/0268-1242/22/2/005.

Wang, L, ei; Wu, Z, hiY; Wong, W, aiY; Cheah, K, okWai; Huang, H; Chen, CH. (2011). New blue host materials based on anthracene-containing dibenzothiophene. Organic Electronics 12: 595-601. http://dx.doi.org/10.1016/j.orgel.2011.01.002.

Fate Literature Search Results

Off Topic

Wang, L, i; Xu, W, ei; Luo, Y, u; Yuan, J; Ding, Y. (2011). Performances enhancement in OLEDs by inserting ultrathin trilayer in electron injection structure and using MoO3 as hole buffer layer. Displays 32: 45-48. http://dx.doi.org/10.1016/j.displa.2010.11.001.

Wang, LG; Gao, YX; Liu, XL; Cheng, LF. (2016). Charge transport and electrical properties in the organic small-molecule material NPB. J Optoelect Adv Mater 18: 504-508.

Wang, M; Qin, D; Chen, Y; Chen, L, ei; Li, G; Wang, W. (2013). Reduced hole loss in organic light emitting diode incorporating two p-doped hole transport layers. Applied Physics A: Materials Science and Processing 113: 811-815. http://dx.doi.org/10.1007/s00339-013-7598-2.

Wang, PF; Xie, ZY; Hong, ZR; Tang, JX; Wong, OY; Lee, CS; Wong, NB; Lee, ST. (2003). Synthesis, photoluminescence and electroluminescence of new 1H-pyrazolo[3,4-b]quinoxaline derivatives. J Mater Chem 13: 1894-1899. http://dx.doi.org/10.1039/b302972g.

Wang, PF; Xie, ZY; Tong, SW; Wong, OY; Lee, CS; Wong, N; Hung, LS; Lee, S. (2003). A novel neutral red derivative for applications in high-performance red-emitting electroluminescent devices. Chem Mater 15: 1913-1917. http://dx.doi.org/10.1021/cm0209214.

Wang, Q, iZ; Fu, H, aoWei; Huang, JZ; Zhao, H, aiJun; Li, Y, ouFa; Zhang, B, in; Shu, QY, ao. (2012). Generation and characterization of bentazon susceptible mutants of commercial male sterile lines and evaluation of their utility in hybrid rice production. Field Crops Research 137: 12-18. http://dx.doi.org/10.1016/j.fcr.2012.09.001.

Wang, QK, un; Wang, RB, in; Shen, PF, ei; Li, C, hi; Li, Y, anQ; Liu, L, iJia; Duhm, S; Tang, JX, in. (2015). Energy Level Offsets at Lead Halide Perovskite/Organic Hybrid Interfaces and Their Impacts on Charge Separation. 2. http://dx.doi.org/10.1002/admi.201400528.

Wang, W; Du, C; Bi, H; Sun, Y; Wang, Y; Mauser, C; Da Como, E; Fuchs, H; Chi, L. (2010). Tunable multicolor ordered patterns with two dye molecules. Adv Mater Deerfield 22: 2764-2769. http://dx.doi.org/10.1002/adma.201000129.

Wang, X, in; Liu, B, o; Lu, Q; Meng, L; Li, C; Duan, W; Tang, A. (2015). A Single Molecule Electromer Emitting Compound with Enhanced Hole Transporting Property for Organic Light Emitting Devices. 7: 2436-2440. http://dx.doi.org/10.1166/sam.2015.2643.

Wang, XC; Zhao, HY; Chen, NX; Zhang, Y. (2010). Theoretical investigations into self-organized ordered metallic semi-clusters arrays on metallic substrate. Nanoscale Res Lett 5: 1020-1026. http://dx.doi.org/10.1007/s11671-010-9595-0.

Wang, XZ; Ding, XM; Li, ZS; Zhan, YQ; Bergenti, I; Dediu, VA; Taliani, C; Xie, ZT; Ding, BF; Hou, XY; Zhang, WH; Xu, FQ. (2007). Modification of the organic/La0.7Sr0.3MnO3 interface by in situ gas treatment. Appl Surf Sci 253: 9081-9084. http://dx.doi.org/10.1016/j.apsusc.2007.05.035.

Wang, Y; Chen, J; Huang, J; Dai, Y; Zhang, Z; Liu, S, u; Ma, D. (2014). Hole transport characteristics in phosphorescent dye-doped NPB films by admittance spectroscopy. Applied Physics A: Materials Science and Processing 117: 1125-1130. http://dx.doi.org/10.1007/s00339-014-8478-0.

Wang, Y; Zhao, S, huL; Zhang, F, ujun; Yuan, G, cai; Xu, Z. (2007). Study of electroplex emission from a blend of two basic blue-emitting materials PVK and NPB. Microelectronics Journal 38: 275-277. http://dx.doi.org/10.1016/j.mejo.2006.09.014.

Wang, YM; Teng, F; Xu, Z; Hou, YB; Yang, SY; Xu, XR. (2005). Trap effect of an ultrathin DCJTB layer in organic light-emitting diodes. Mater Chem Phys 92: 291-294. http://dx.doi.org/10.1016/j.matchemphys.2005.01.060.

Wang, YM; Teng, F; Zhou, QC; Wang, YS. (2006). Multiple roles of bathocuproine employed as a buffer-layer in organic light-emitting diodes. Appl Surf Sci 252: 2355-2359. http://dx.doi.org/10.1016/j.apsusc.2005.04.006.

Watanabe, M; Maemura, K; Oki, K; Shiraishi, N; Shibayama, Y; Katsu, K. (2006). Gamma-aminobutyric acid (GABA) and cell proliferation: focus on cancer cells [Review]. Histol Histopathol 21: 1135-1141. http://dx.doi.org/10.14670/HH-21.1135.

Watanabe, S; Yoshikawa, H. (2007). Characterization of neutral phosphate buffer extractable soil organic matter by electrophoresis and fractionation using ultrafiltration. Soil Sci Plant Nutr 53: 650-656. http://dx.doi.org/10.1111/j.1747-0765.2007.00188.x.

Wei, B, in; Liu, J, iZ; Zhang, Y; Zhang, JH, ua; Peng, H, uaNan; Fan, H, eL; He, Y, anBo; Gao, X, iCun. (2010). Stable, Glassy, and Versatile Binaphthalene Derivatives Capable of Efficient Hole Transport, Hosting, and Deep-Blue Light Emission. Adv Funct Mater 20: 2448-2458. http://dx.doi.org/10.1002/adfm.201000299.

Wei, F; Zhang, X; Cao, J, in; Khan, MA; Zhu, W; Jiang, X; Zhang, Z. (2006). Enhancement of red organic light-emitting diodes via cascade energy transfer. Microelectronics Journal 37: 1325-1328. http://dx.doi.org/10.1016/j.mejo.2006.07.012.

Wei, F; Zhang, X; Cao, J, in; Khan, MA; Zhu, W; Jiang, X; Zhang, Z. (2007). Highly efficient styrylamine-doped blue and white organic electroluminescent devices. Displays 28: 186-190. http://dx.doi.org/10.1016/j.displa.2007.07.006.

Weigel, CS; Kowalsky, W; Saive, R. (2015). Direct observation of the potential distribution within organic light emitting diodes under operation. Physica Status Solidi Rapid Research Letters 9: 475-479. http://dx.doi.org/10.1002/pssr.201510223.

Whitelaw-Weckert, MA; Curtin, SJ; Huang, R; Steel, CC; Blanchard, CL; Roffey, PE. (2007). Phylogenetic relationships and pathogenicity of Colletotrichum acutatum isolates from grape in subtropical Australia. Plant Pathology 56: 448-463. http://dx.doi.org/10.1111/j.1365-3059.2007.01569.x.

Whitten, GZ; Yarwood, G. (2008). The ozone productivity of n-propyl bromide: Part 2 - An exception to the Maximum Incremental Reactivity scale. Journal of the Air and Waste Management Association 58: 891-901. http://dx.doi.org/10.3155/1047-3289.58.7.891.

Willamil, J; Creus, E, va; Francisco Perez, J; Mateu, E; Martin-Orue, SM. (2011). Effect of a microencapsulated feed additive of lactic and formic acid on the prevalence of Salmonella in pigs arriving at the abattoir. Arch Anim Nutr 65: 431-444. http://dx.doi.org/10.1080/1745039X.2011.623047.

Wisniak, J. (1993). ISOBARIC VAPOR-LIQUID-EQUILIBRIA IN THE TERNARY-SYSTEM ACETONITRILE PLUS METHYL ACETATE PLUS PROPYL BROMIDE. Journal of Chemical and Engineering Data 38: 296-298.

Wisniak, J. (1996). Phase equilibria in the systems ethyl methanoate plus 1-bromopropane, ethyl methanoate plus cyclohexane, and ethyl methanoate plus 1-bromopropane plus cyclohexane. Journal of Chemical and Engineering Data 41: 468-473.

Wisniak, J; Apelblat, A; Zabicky, J; Feingold, I. (1995). ISOBARIC VAPOR-LIQUID-EQUILIBRIA IN THE BINARY-SYSTEMS OF 1-BROMOPROPANE WITH CYCLOHEXANE, HEPTANE, AND 1-BUTANOL. Journal of Chemical and Engineering Data 40: 120-123.

Wisniak, J; Tamir, A. (1982). VAPOR LIQUID EQUILIBRIUM IN THE SYSTEMS PROPYL BROMIDE ACETIC-ACID, PROPYL BROMIDE PROPIONIC-ACID, AND PROPYL BROMIDE ACETIC-ACID PROPIONIC-ACID. Journal of Chemical and Engineering Data 27: 430-435.

Fate Literature Search Results

Off Topic

Wisniak, J; Tamir, A. (1984). LIQUID VAPOR EQUILIBRIA AT 760 MMHG IN THE SYSTEM PROPYL BROMIDE METHYL BUTYRATE. Journal of Chemical and Engineering Data 29: 19-20.

Wisniak, J; Tamir, A. (1985). VAPOR LIQUID EQUILIBRIA AT 760-MMHG IN THE SYSTEM METHANOL-2-PROPANOL-PROPYL BROMIDE AND ITS BINARIES. Journal of Chemical and Engineering Data 30: 339-344.

Wisniak, J; Tamir, A. (1987). VAPOR-LIQUID-EQUILIBRIA AT 760 MMHG IN THE SYSTEM PROPYL BROMIDE TOLUENE. Journal of Chemical and Engineering Data 32: 294-295.

Wisniak, J; Tamir, A. (1988). VAPOR LIQUID EQUILIBRIA AT 760 MMHG FOR THE SYSTEM 1,1-DICHLOROETHANE PROPYL BROMIDE. Journal of Chemical and Engineering Data 33: 108-109.

Wisniak, J; Tamir, A. (1988). VAPOR LIQUID EQUILIBRIA AT 760 MMHG IN THE SYSTEMS PROPYL BROMIDE TERT-BUTYL ALCOHOL AND PROPYL BROMIDE PARA-XYLENE. Journal of Chemical and Engineering Data 33: 106-108.

Wisniak, J; Tamir, A. (1988). VAPOR LIQUID EQUILIBRIA AT 760 MMHG IN THE TERNARY-SYSTEM METHANOL-1,1-DICHLOROETHANE-PROPYL BROMIDE. Journal of Chemical and Engineering Data 33: 429-432.

Wisniak, J; Tamir, A. (1988). VAPOR LIQUID EQUILIBRIA AT 760 MMHG IN THE TERNARY-SYSTEM METHANOL PROPYL BROMIDE METHYL-METHACRYLATE. Journal of Chemical and Engineering Data 33: 376-379.

Wisniak, J; Tamir, A. (1989). VAPOR LIQUID EQUILIBRIA AT 760 MMHG IN THE TERNARY-SYSTEM METHYL ACETATE PROPYL BROMIDE TOLUENE. Journal of Chemical and Engineering Data 34: 298-301.

Wisniak, J; Tamir, A. (1989). VAPOR-LIQUID-EQUILIBRIA AT 760 MMHG IN THE SYSTEMS METHYL ACETATE-PROPYL BROMIDE, METHYL ACETATE-TOLUENE, AND METHYL METHACRYLATE-TOLUENE. Journal of Chemical and Engineering Data 34: 16-19.

Wisniak, J; Tamir, A. (1989). VAPOR-LIQUID-EQUILIBRIA AT 760 MMHG IN THE SYSTEMS PROPYL BROMIDE-METHYL METHACRYLATE AND VINYL ACETATE-PROPYL BROMIDE. Journal of Chemical and Engineering Data 34: 14-16.

Wisniak, J; Tamir, A. (1990). ISOBARIC VAPOR-LIQUID-EQUILIBRIA IN THE SYSTEMS PROPYL BROMIDE METHYL ETHYL KETONE, METHYL ETHYL KETONE PARA-XYLENE, AND VINYL-ACETATE METHYL-METHACRYLATE. Journal of Chemical and Engineering Data 35: 147-150.

Wisniak, J; Tamir, A. (1990). VAPOR-LIQUID-EQUILIBRIA IN THE SYSTEM VINYL-ACETATE PROPYL BROMIDE METHYL-METHACRYLATE. Journal of Chemical and Engineering Data 35: 150-152.

Wisniak, J; Tamir, A. (1991). VAPOR-LIQUID-EQUILIBRIA IN THE SYSTEMS METHYL ACETATE METHYL-METHACRYLATE AND METHYL ACETATE PROPYL BROMIDE METHYL-METHACRYLATE. Journal of Chemical and Engineering Data 36: 4-7.

Wisniak, J; Tamir, A. (1992). ISOBARIC VAPOR-LIQUID-EQUILIBRIA IN THE TERNARY-SYSTEM METHANOL-PROPYL BROMIDE-TOLUENE AND PROPYL BROMIDE-ACETONITRILE-TOLUENE. 30: 245-251.

Wolf, K; Morris, M; Swanson, MB; Geibig, JR; Kelly, KE. (2003). Alternative Adhesive Technologies: Foam Furniture and Bedding Industries. Wolf, K; Morris, M; Swanson, MB; Geibig, JR; Kelly, KE.

Wong, AK; Ruhe, AL; Robertson, KR; Loew, ER; Williams, DC; Neff, MW. (2013). A de novo mutation in KIT causes white spotting in a subpopulation of German Shepherd dogs. Anim Genet 44: 305-310. http://dx.doi.org/10.1111/age.12006.

Wong, FL; Chan, MY; Lai, SL; Fung, MK; Lai, KH; Tsang, WM; Ng, TW; Poon, CO; Lee, CS; Lee, ST. (2008). Lifetime improvement of organic light-emitting diodes using silicon oxy-nitride as anode modifier. Thin Solid Films 516: 8195-8198. http://dx.doi.org/10.1016/j.tsf.2008.04.028.

Wong, FL; Sun, HY; Tong, SW; Chan, MY; Lee, CS; Lee, ST. (2006). Performance enhancement of organic light-emitting diode by heat treatment. J Cryst Growth 288: 110-114. http://dx.doi.org/10.1016/j.jcrysgro.2005.12.032.

Wu, F; Chang, XL; Wu, CH. (2016). [Summary of studies on carcinogenicity of 1-bromopropane]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 34: 555-558.

Wu, FI; Shu, CF; Wang, TT; Diau, EWG; Chien, CH; Chuen, CH; Tao, Y. (2005). Bis(2,2-diphenylvinyl)spirobifluorene: An efficient and stable blue emitter for electroluminescence applications. Synthetic Metals 151: 285-292. http://dx.doi.org/10.1016/j.synthmet.2005.06.003.

Wu, H, aoDi; Xiao, Y, an; Liu, ZH, ui; Wang, FX, ia; Pan, G, eBo. (2015). Preparation and Optical Waveguiding Property of Single-Crystal Organic NPB Microsheets. J Nanosci Nanotechnol 15: 6015-6019. http://dx.doi.org/10.1166/jnn.2015.10309.

Wu, QG; Esteghamatian, M; Hu, NX; Popovic, Z; Enright, G; Tao, Y; D'Iorio, M; Wang, SN. (2000). Synthesis, structure, and electroluminescence of BR(2)q (R = Et, Ph, 2-naphthyl and q=8-hydroxyquinolato). Chem Mater 12: 79-83.

Wu, QX; Hendershot, WH; Marshall, WD; Ge, Y. (2000). Speciation of cadmium, copper, lead, and zinc in contaminated soils. Commun Soil Sci Plant Anal 31: 1129-1144.

Wu, S; Chen, H; Di, S; Zhou, B; Xie, Z; Jin, H, ai; Shi, X. (2015). Synchronization-Aware Scheduling for Virtual Clusters in Cloud. I E E E Transactions on Parallel and Distributed Systems 26: 2890-2902. http://dx.doi.org/10.1109/TPDS.2014.2359017.

Wu, SH; Lo, MF; Chen, ZY; Ng, TW; Hu, X; Mo, HW; Wu, C; Li, WL; Lee, CS. (2012). Simple near-infrared photodetector based on charge transfer complexes formed in molybdenum oxide doped N,N '-di(naphthalene-1-yl)-N,N '-diphenyl-benzidine. Physica Status Solidi Rapid Research Letters 6: 129-131. http://dx.doi.org/10.1002/pssr.201105596.

Wu, X; Faqi, AS; Yang, J; Pang, BP; Ding, X; Jiang, X; Chahoud, I. (2002). 2-Bromopropane induces DNA damage, impairs functional antioxidant cellular defenses, and enhances the lipid peroxidation process in primary cultures of rat Leydig cells. Reprod Toxicol 16: 379-384.

Wu, X; Li, F; Wu, W, ei; Guo, T. (2014). Flexible white phosphorescent organic light emitting diodes based on multilayered graphene/PEDOT:PSS transparent conducting film. Appl Surf Sci 295: 214-218. http://dx.doi.org/10.1016/j.apsusc.2014.01.034.

Wu, XM; Mu, X, ue; Hua, Y, uLin; Bai, JJ; Wang, L, i; Xiao, Z, hiHui; Dong, N, i; Yin, SG, en. (2013). Realization of Low Driving Voltage in Organic Light-Emitting Diodes Using C-60 as an Electron Transport Layer and Alq(3) as a Buffer Layer. I E E E Electron Device Letters 34: 650-652. http://dx.doi.org/10.1109/LED.2013.2251600.

Wu, YS; Hwang, SW; Chen, HH; Lee, MT; Shen, WJ; Chen, CH. (2005). Efficient white organic light emitting devices with dual emitting layers. Thin Solid Films 488: 265-269. http://dx.doi.org/10.1016/j.tsf.2005.04.032.

Fate Literature Search Results

Off Topic

Xia, ZY; Su, JH, ua; Wong, W, aiY; Wang, L, ei; Cheah, K, okWai; Tian, H, e; Chen, CH. (2010). High performance organic light-emitting diodes based on tetra(methoxy)-containing anthracene derivatives as a hole transport and electron-blocking layer. J Mater Chem 20: 8382-8388. http://dx.doi.org/10.1039/c0jm01297a.

Xiang, C; Chopra, N; Wang, J; Brown, C; Ho, S; Mathai, M; So, F. (2014). Phosphorescent organic light emitting diodes with a cross-linkable hole transporting material. Organic Electronics 15: 1702-1706. http://dx.doi.org/10.1016/j.orgel.2014.03.009.

Xiao, BW; Yao, B; Ma, CS; Liu, SY; Xie, ZY; Wang, LX. (2005). Highly efficient top-emitting organic light-emitting devices with aluminium electrodes. Semiconductor Science and Technology 20: 952-955. http://dx.doi.org/10.1088/0268-1242/20/9/011.

Xiao, G; Lei, P; Chi, H; Lu, Y; Dong, Y, an; Hu, Z; Zhang, Z; Li, X. (2009). Synthesis and luminescence of red, fluorinated iridium (III) complexes containing alkenyl benzothiazole ligand. Synthetic Metals 159: 705-709. http://dx.doi.org/10.1016/j.synthmet.2008.12.019.

Xiao, G; Li, X; Chi, H; Lu, Y; Dong, Y, an; Hu, Z; Yu, J; Kimura, M. (2012). Synthesis and photophysical characterization of orange-emitting iridium(III) complexes containing benzothiazole ligand. Synthetic Metals 162: 497-502. http://dx.doi.org/10.1016/j.synthmet.2012.01.014.

Xiao, H; Ding, L, ei; Ruan, D; Li, B; Ding, N; Ma, D. (2015). tert-Butylated spirobifluorene derivative incorporating triphenylamine groups: A deep-blue emitter with high thermal stability and good hole transport ability for organic light emitting diode applications. Dyes and Pigments 121: 7-12. http://dx.doi.org/10.1016/j.dyepig.2015.03.027.

Xiao, H; Yin, H; Wang, L, ei; Ding, L, ei; Guo, S; Zhang, X; Ma, D. (2012). Synthesis and optoelectronic properties of a series of novel spirobifluorene derivatives starting from the readily available reagent 4,4 '-bisalkylated biphenyl. Organic Electronics 13: 1553-1564. http://dx.doi.org/10.1016/j.orgel.2012.05.002.

Xiao, J; Deng, Z. (2012). A novel white organic electroluminescent device based on a thin LiF interlayer. Synthetic Metals 162: 2016-2019. http://dx.doi.org/10.1016/j.synthmet.2012.09.015.

Xiao, J; Deng, ZB; Liang, CJ; Xu, DH; Xu, Y. (2005). An efficient and bright organic white-light-emitting device. Displays 26: 129-132. http://dx.doi.org/10.1016/j.displa.2005.03.001.

Xie, W; Wu, Z; Liu, S. (2004). Efficient white light emitting using an electron blocker in non-doped type organic electroluminescent devices. Optical and Quantum Electronics 36: 635-640.

Xie, WF; Hou, JY; Liu, SY. (2003). Blue and white organic light-emitting diodes based on 4,4 '-bis(2,2 ' diphenyl vinyl)-1,1 '-biphenyl. Semiconductor Science and Technology 18: L42-L44.

Xie, WF; Liu, SY. (2005). High-efficient non-doped type white organic light-emitting devices using an electron/exciton blocker. Materials Science Forum 475-479: 1799-1803.

Xie, WF; Liu, SY. (2006). Nondoped-type red organic electroluminescent devices based on a 4-(dicyanomethylene)-2-t-butyl-6-(1,1,7,7-tetramethyljulolidyl-9-enyl)-4H-pyran ultrathin layer. Semiconductor Science and Technology 21: 316-319. http://dx.doi.org/10.1088/0268-1242/21/3/020.

Xie, WF; Meng, M; Li, CN; Zhao, Y; Liu, SY. (2005). High-efficiency simple structure white organic light-emitting devices based on rubrene ultrathin layer. Optical and Quantum Electronics 37: 943-948. http://dx.doi.org/10.1007/s11082-005-7678-4.

Xie, WF; Sun, HY; Law, CW; Lee, CS; Lee, ST; Liu, SY. (2006). High-contrast and high-efficiency top-emitting organic light-emitting devices. Applied Physics A: Materials Science and Processing 85: 95-97. http://dx.doi.org/10.1007/s00339-006-3662-5.

Xie, WF; Wu, ZJ; Hu, W; Zhao, Y; Li, CN; Liu, SY. (2005). Low-voltage top-emitting organic light-emitting devices with an organic double-heterojunction structure. Semiconductor Science and Technology 20: 443-445. http://dx.doi.org/10.1088/0268-1242/20/5/020.

Xie, WF; Zhang, LT; Liu, SY. (2004). Modification of the electrodes of organic light-emitting devices using the SnO2 ultrathin layer. Semiconductor Science and Technology 19: 380-383. http://dx.doi.org/10.1088/0268-1242/19/3/014.

Xie, WF; Zhao, Y; Li, CA; Liu, SY. (2005). High colour rendering index non-doped-type white organic light-emitting devices with a RGB-stacked multilayer structure. Semiconductor Science and Technology 20: L57-L60. http://dx.doi.org/10.1088/0268-1242/20/12/L02.

Xie, WF; Zhao, Y; Li, CN; Liu, SY. (2005). High-efficiency electrophosphorescent white organic light-emitting devices with a double-doped emissive layer. Semiconductor Science and Technology 20: 326-329. http://dx.doi.org/10.1088/0268-1242/20/3/013.

Xie, ZY; Li, YQ; Wong, FL; Hung, LS. (2004). Fabrication of flexible organic top-emitting devices on steel foil substrates. Mater Sci Eng B 106: 219-223. http://dx.doi.org/10.1016/S0921-5107(03)00313-1.

Xin, H; Shi, M; Zhang, XM; Li, FY; Bian, ZQ; Ibrahim, K; Liu, FQ; Huang, CH. (2003). Carrier-transport, photoluminescence, and electroluminescence properties comparison of a series of terbium complexes with different structures. Chem Mater 15: 3728-3733. http://dx.doi.org/10.1021/cm0344414.

Xin, Q; Tao, X, uT; Wang, F, uZhi; Sun, JL; Zou, D, eC; Wang, F, aJun; Liu, H, uiJun; Liu, Z, hi; Ren, Y, an; Jiang, M, inHua. (2008). Fluorene-based Troger's base analogues: Potential electroluminescent materials. Organic Electronics 9: 1076-1086. http://dx.doi.org/10.1016/j.orgel.2008.08.013.

Xin, QQ; Huang, Y; Li, J; Zhang, WJ; Yu, T; Wang, H; Zhang, C; Ye, DQ; Huang, F. (2010). Apoptosis contributes to testicular toxicity induced by two isomers of bromopropanes. Toxicol Ind Health 26: 513-524. http://dx.doi.org/10.1177/0748233710373083.

Xing, X; Xiao, L; Zheng, L; Hu, S; Chen, Z; Qu, B, o; Gong, Q. (2012). Spirobifluorene derivative: a pure blue emitter (CIEy approximate to 0.08) with high efficiency and thermal stability. J Mater Chem 22: 15136-15140. http://dx.doi.org/10.1039/c2jm32512h.

Xin-Min, W; Xiao-Lei, J; Yong-Guan, Z; Yan-Lin, H; Tie-Quan, W. (2008). Relationships Between Agronomic and Environmental Soil Test Phosphorus in Three Typical Cultivated Soils in China. Pedosphere 18: 795-800.

Xu, AG; Ran, GZ; Wu, ZL; Ma, GL; Qiao, YP; Xu, YH; Yang, BR; Zhang, BR; Qin, GG. (2006). Effects of resistivity of a p-Si chip on the light-emitting efficiency of a top-emission organic light-emitting diode with the p-Si chip as the anode. 203: 428-434. http://dx.doi.org/10.1002/pssa.200521249.

Xu, D; Deng, Z; Li, X; Lv, Z; Shi, Y; Chen, Z. (2008). White organic light emitting devices with thin 4-(dicyanomethylene)-2-t-butyl-6(1,1,7,7-tetramethyljuloildyl-9-enyl)-4H-pyran (DCJTB) layer. Displays 29: 419-423. http://dx.doi.org/10.1016/j.displa.2008.01.002.

Fate Literature Search Results

Off Topic

Xu, D; Li, X; Ju, H; Zhu, Y; Deng, Z. (2011). A novel red organic light-emitting diode with ultrathin DCJTB and Rubrene layers. Displays 32: 92-95. http://dx.doi.org/10.1016/j.displa.2011.01.002.

Xu, D; Lou, B; Xu, H; Li, S; Geng, Z. (2013). Isolation and characterization of male-specific DNA markers in the rock bream Oplegnathus fasciatus. Mar Biotechnol 15: 221-229. http://dx.doi.org/10.1007/s10126-012-9480-1.

Xu, DH; Deng, ZB; Xu, Y; Xiao, J; Liang, CJ. (2005). Bright red-to-yellow organic light-emitting devices based on polarization-induced spectral shifts and broadening. Displays 26: 185-189. http://dx.doi.org/10.1016/j.displa.2005.06.006.

Xu, H, ui; Tang, C; Zhai, W, enJ; Liu, R, uiLan; Rong, Z; Fan, Q, uLi; Huang, W, ei. (2014). The study of defect state of 2,7-dipyrenyl-9-phenyl-9-pyrenyl fluorene through admittance spectroscopy. Synthetic Metals 198: 221-224. http://dx.doi.org/10.1016/j.synthmet.2014.10.028.

Xu, H; Xu, B; Fang, X; Yue, Y, an; Chen, L; Wang, H, ua; Hao, Y. (2011). Molecular structure, photoluminescent and electroluminescent properties of bis(2-(4-methyl-2-hydroxyphenyl)benzothiazolate) zinc with excellent electron-transport characteristics. Mater Chem Phys 129: 840-845. http://dx.doi.org/10.1016/j.matchemphys.2011.05.020.

Xu, HF; Luo, J; Wang, HP; Wang, H; Zhang, TY; Tian, HB; Yao, DW; Loor, JJ. (2016). Sterol regulatory element binding protein-1 (SREBP-1)c promoter: Characterization and transcriptional regulation by mature SREBP-1 and liver X receptor α in goat mammary epithelial cells. J Dairy Sci 99: 1595-1604. http://dx.doi.org/10.3168/jds.2015-10353.

Xu, J; Kasha, KJ. (1992). TRANSFER OF A DOMINANT GENE FOR POWDERY MILDEW RESISTANCE AND DNA FROM HORDEUM-BULBOSUM INTO CULTIVATED BARLEY (HORDEUM-VULGARE). Theor Appl Genet 84: 771-777.

Xu, M, in; Yi, C; Yang, CJ; Wang, JH; Liu, Y, anZhu; Xie, B; Gao, X, iCun; Wang, P; Zou, D, eC. (2008). Cyclic arylamines as hole transport materials with high thermal stability for efficient electroluminescence. Thin Solid Films 516: 7720-7726. http://dx.doi.org/10.1016/j.tsf.2008.04.032.

Xu, MS; Xu, JB; An, J. (2005). Visualization of thermally activated morphology evolution of N,N'-di(naphthalene-1-yl)-N,N'-diphthalbenzidine films on ITO/copper phthalocyanine underlying layer. Applied Physics A: Materials Science and Processing 81: 1151-1156. http://dx.doi.org/10.1007/s00339-004-3091-2.

Xue, L; Li, Y; Zou, F; Lu, L; Zhao, Y; Huang, X; Qu, Y. (2012). The catalytic efficiency of lipase in a novel water-in-[Bmim][PF6] microemulsion stabilized by both AOT and Triton X-100. Colloids Surf B Biointerfaces 92: 360-366. http://dx.doi.org/10.1016/j.colsurfb.2011.12.019.

Xue, Q, in; Liu, S; Zhang, S; Chen, P; Zhao, Y, i; Liu, S. (2013). Improved performances of organic light-emitting diodes with mixed layer and metal oxide as anode buffer. Solid-State Electronics 79: 75-78. http://dx.doi.org/10.1016/j.sse.2012.05.066.

Yamagishi, M; Takeuchi, Y; Kono, I; Yano, M. (2002). QTL analysis for panicle characteristics in temperate japonica rice. Euphytica 128: 219-224.

Yan, SQ; Hou, JN; Bai, CY; Jiang, Y; Zhang, XJ; Ren, HL; Sun, BX; Zhao, ZH; Sun, JH. (2014). A base substitution in the donor site of intron 12 of KIT gene is responsible for the dominant white coat colour of blue fox (Alopex lagopus). Anim Genet 45: 293-296. http://dx.doi.org/10.1111/age.12105.

Yanagi, H; Kikuchi, M; Kim, K, iB; Hiramatsu, H; Kamiya, T; Hirano, M; Hosono, H. (2008). Low and small resistance hole-injection barrier for NPB realized by wide-gap p-type degenerate semiconductor, LaCuOSe : Mg. Organic Electronics 9: 890-894. http://dx.doi.org/10.1016/j.orgel.2008.03.004.

Yang, C; Zhang, X; You, H, an; Zhu, L; Chen, L; Zhu, L; Tao, Y; Ma, D; Shuai, Z; Qin, J. (2007). Tuning the energy level and photophysical and electroluminescent properties of heavy metal complexes by controlling the ligation of the metal with the carbon of the carbazole unit. Adv Funct Mater 17: 651-661. http://dx.doi.org/10.1002/adfm.200600663.

Yang, CH; Tai, CC; Sun, IW. (2004). Synthesis of a high-efficiency red phosphorescent emitter for organic light-emitting diodes. J Mater Chem 14: 947-950. http://dx.doi.org/10.1039/b313843g.

Yang, H; Shi, Y; Zhao, Y, i; Meng, Y; Hu, W, ei; Hou, J; Liu, S. (2008). High colour rendering index white organic light-emitting devices with three emitting layers. Displays 29: 327-332. http://dx.doi.org/10.1016/j.displa.2007.10.001.

Yang, H; Zhao, Y, i; Hou, J; Liu, S. (2006). White organic light-emitting devices with non-doped-type structure. Displays 27: 183-186. http://dx.doi.org/10.1016/j.displa.2006.06.003.

Yang, HJ, in; Lee, H, oWon; Lee, SJ, ae; Lee, SE, un; Lee, DH; Koo, J, aR; Yoon, JY; Yoon, SS, oo; Kim, YK. (2014). Performance Improvement of Green Phosphorescent Organic Light Emitting Diodes with Partial Bulk Heterojunctioned Emitting Layer. J Nanosci Nanotechnol 14: 8337-8341. http://dx.doi.org/10.1166/jnn.2014.9910.

Yang, J, inP; Bao, Q, inYe; Xiao, Y, an; Deng, Y, anH; Li, Y, anQ; Lee, ST; Tang, JX, in. (2012). Hybrid intermediate connector for tandem OLEDs with the combination of MoO3-based interlayer and p-type doping. Organic Electronics 13: 2243-2249. http://dx.doi.org/10.1016/j.orgel.2012.06.037.

Yang, J; Li, Y; Duhm, S; Tang, J; Kera, S; Ueno, N. (2014). Molecular Structure-Dependent Charge Injection and Doping Efficiencies of Organic Semiconductors: Impact of Side Chain Substitution. 1. http://dx.doi.org/10.1002/admi.201300128.

Yang, KX; Gao, WB; Zhao, JH; Sun, JX; Lu, SX; Liu, SY. (2002). An efficient and bright organic white-light-emitting device. Synthetic Metals 132: 43-47.

Yang, KX; Huang, JS; Gao, WB; Liu, SY. (2002). Effects of alternate doped structures on organic electroluminescent devices. Thin Solid Films 408: 206-210.

Yang, LY; Chen, XZ; Xu, H; Ye, DQ; Tian, H; Yin, SG. (2008). Surface modification of indium tin oxide anode with self-assembled monolayer modified Ag film for improved OLED device characteristics. Appl Surf Sci 254: 5055-5060. http://dx.doi.org/10.1016/j.apsusc.2008.02.012.

Yang, Q; Hao, Y; Wang, Z; Li, Y; Wang, H, ua; Xu, B. (2012). Double-emission-layer green phosphorescent OLED based on LiF-doped TPBi as electron transport layer for improving efficiency and operational lifetime. Synthetic Metals 162: 398-401. http://dx.doi.org/10.1016/j.synthmet.2011.12.027.

Fate Literature Search Results

Off Topic

Yang, S, uHua; Chang, W, enKai; Hong, B, oC; Huang, XB, i. (2008). Improving the luminance properties of BGOLED by using hole blocking and energy transfer. J Electrochem Soc 155: J161-J164. http://dx.doi.org/10.1149/1.2899017.

Yang, S, uHua; Hong, B, oC; Hnang, SF. (2009). Influences of Dye Doping and Hole Blocking Layer Insertion on Sky-Blue OLED Performance. J Electrochem Soc 156: J41-J45. http://dx.doi.org/10.1149/1.3054385.

Yang, X; Du, X; Tao, S; Huang, Y, un; Ding, X; Xue, R, ui. (2015). Efficient hole-transporter for phosphorescent organic light emitting diodes with a simple molecular structure. Organic Electronics 26: 481-486. http://dx.doi.org/10.1016/j.orgel.2015.08.011.

Yang, X; Huang, H; Pan, B; Zhuang, S; Aldred, MP; Wang, L, ei; Chen, J; Ma, D. (2012). Novel electron-type host material for unilateral homogeneous phosphorescent organic light-emitting diodes with low efficiency roll-off. J Mater Chem 22: 23129-23135. http://dx.doi.org/10.1039/c2jm33988a.

Yang, Z; Xu, B, in; He, J; Xue, L; Guo, Q; Xia, H; Tian, W. (2009). Solution-processable and thermal-stable triphenylamine-based dendrimers with truxene cores as hole-transporting materials for organic light-emitting devices. Organic Electronics 10: 954-959. http://dx.doi.org/10.1016/j.orgel.2009.04.024.

Yao, Y, iS; Zhou, QX; Wang, X, ueS; Wang, Y, ue; Zhang, B, aoWen. (2006). Fine tuning of the photophysical and electroluminescent properties of DCM-type dyes by changing the structure of the electron-donating group. J Mater Chem 16: 3512-3520. http://dx.doi.org/10.1039/b604563d.

Yates, IC; Satterfield, CN. (1991). INTRINSIC KINETICS OF THE FISCHER-TROPSCH SYNTHESIS ON A COBALT CATALYST. Energy Fuels 5: 168-173.

Ye, H, ua; Zhao, B; Liu, M; Zhou, X; Li, Y; Li, D; Su, S, hiJ; Yang, W, ei; Cao, Y. (2011). Dual-functional conjugated polymers based on trifluoren-2-yl-amine for RGB organic light-emitting diodes. J Mater Chem 21: 17454-17461. http://dx.doi.org/10.1039/c1jm13533c.

Ye, S; Liu, Y; Di, C, an; Xi, H; Wu, W; Wen, Y; Lu, K, un; Du, C; Liu, Y; Yu, G, ui. (2009). Wide-Energy-Gap Host Materials for Blue Phosphorescent Organic Light-Emitting Diodes. Chem Mater 21: 1333-1342. http://dx.doi.org/10.1021/cm8032302.

Yeh, HC; Chan, LH; Wu, WC; Chen, CT. (2004). Non-doped red organic light-emitting diodes. J Mater Chem 14: 1293-1298. http://dx.doi.org/10.1039/b315301k.

Yeh, TS; Chow, TJ; Tsai, SH; Chiu, CW; Zhao, CX. (2006). Electroluminescence of bisindolylmaleimide derivatives containing pentafluorophenyl substituents. Chem Mater 18: 832-839. http://dx.doi.org/10.1021/cm052198y.

Yin, Z; Liu, R, ui; Li, C; Masayuki, T; Liu, C; Jin, X; Zhu, H. (2015). N-1,N-1,N-3,N-3-tetra([1,1 '-biphenyl]-4-yl)-N-5,N-5-diphenylbenzene-1,3,5-triamine: Synthesis, optical properties and application in OLED devices as efficient hole transporting material. Dyes and Pigments 122: 59-65. http://dx.doi.org/10.1016/j.dyepig.2015.06.023.

Yoo, SI, l; Yoon, J, uAn; Kim, N, amHo; Kim, J, inW; Lee, H, oWon; Kim, YK; He, G; Kim, W, ooY. (2015). Efficiency enhancement of blue phosphorescent organic light-emitting diodes using mixed electron transport layer. Optical Materials 39: 21-25. http://dx.doi.org/10.1016/j.optmat.2014.10.051.

Yoon, JA; Kim, YH; Kim, NH; Yoo, SI; Lee, SY; Zhu, FR; Kim, WY. (2014). Highly efficient blue organic light-emitting diodes using quantum well-like multiple emissive layer structure. Nanoscale Res Lett 9: 191. http://dx.doi.org/10.1186/1556-276X-9-191.

Yoon, JY; Na, E; Lee, S; Kim, YK; Yoon, S. (2015). Blue Emitting Materials Based on Naphthylanthracene Derivatives Containing Electron-Withdrawing Fluorobenzenes. J Nanosci Nanotechnol 15: 1628-1631. http://dx.doi.org/10.1166/jnn.2015.9326.

Yoon, JY; Na, E, unJae; Park, S, ooNa; Lee, SJ, ae; Kim, YK; Yoon, SS, oo. (2014). Synthesis and electroluminescent properties of anthracene derivatives containing electron-withdrawing oxide moieties. Materials Research Bulletin 58: 149-152. http://dx.doi.org/10.1016/j.materresbull.2014.03.019.

Yoon, Y; Lee, H; Kim, T; Kim, K; Choi, S; Yoo, HK; Friedman, B; Lee, K. (2013). Post-annealing effect on the interface morphology and current efficiency of organic light-emitting diodes. Solid-State Electronics 79: 45-49. http://dx.doi.org/10.1016/j.sse.2012.07.016.

You, J; Lai, SL, un; Liu, W; Ng, T, szWai; Wang, P; Lee, CS. (2012). Bipolar cyano-substituted pyridine derivatives for applications in organic light-emitting devices. J Mater Chem 22: 8922-8929. http://dx.doi.org/10.1039/c2jm00078d.

Yu, MX; Duan, JP; Lin, CH; Cheng, CH; Tao, YT. (2002). Diaminoanthracene derivatives as high-performance green host electroluminescent materials. Chem Mater 14: 3958-3963. http://dx.doi.org/10.1021/cm020414m.

Yu, SY; Huang, DC; Chen, YL; Wu, KY; Tao, YT. (2012). Approaching charge balance in organic light-emitting diodes by tuning charge injection barriers with mixed monolayers. Langmuir 28: 424-430. http://dx.doi.org/10.1021/la2036423.

Yu, T; Zhang, P; Zhao, Y; Zhang, H, ui; Meng, J; Fan, D. (2009). Synthesis, characterization and high-efficiency blue electroluminescence based on coumarin derivatives of 7-diethylamino-coumarin-3-carboxamide. Organic Electronics 10: 653-660. http://dx.doi.org/10.1016/j.orgel.2009.02.026.

Yu, X; Ichihara, G; Kitoh, J; Xie, Z; Shibata, E; Kamijima, M; Takeuchi, Y. (2001). Neurotoxicity of 2-bromopropane and 1-bromopropane, alternative solvents for chlorofluorocarbons. Environ Res 85: 48-52. http://dx.doi.org/10.1006/enrs.2000.4226.

Yu, XZ; Ichihara, G; Kitoh, J; Xie, ZL; Shibata, E; Kamijima, M; Asaeda, N; Takeuchi, Y. (1998). Preliminary report on the neurotoxicity of 1-bromopropane, an alternative solvent for chlorofluorocarbons. J Occup Health 40: 234-235. http://dx.doi.org/Doi 10.1539/Joh.40.234.

Yu, YH; Huang, CH; Yeh, J, uiM; Huang, PT. (2011). Effect of methyl substituents on the N-diaryl rings of anthracene-9,10-diamine derivatives for OLEDs applications. Organic Electronics 12: 694-702. http://dx.doi.org/10.1016/j.orgel.2011.01.020.

Yuan, H; Wang, QH; Wang, YY; Xie, CM; Xie, KQ; Zhao, XL. (2013). [Effect of docosahexaenoic acid and nervonic acid on the damage of learning and memory abilities in rats induced by 1-bromopropane]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 31: 806-810.

Yuan-yuan, X; Jing, W; Shan-shan, N; Dan-qiong, H; Yan, W; Liang, X; Rong-hua, W; Xiao-bo, L; Li-wang, L. (2016). Isolation and molecular characterization of the FLOWERING LOCUS C gene promoter sequence in radish (Raphanus sativus L). 15: 763-774. http://dx.doi.org/10.1016/S2095-3119(15)61295-3.

Yue, H, ao; Yan, C; Tu, F; Yang, C; Ma, W; Fan, Z; Song, Z; Owens, J; Liu, S; Zhang, X. (2015). Two novel mitogenomes of Dipodidae species and phylogeny of Rodentia inferred from the complete mitogenomes. Biochemical Systematics and Ecology 60: 123-130. http://dx.doi.org/10.1016/j.bse.2015.04.013.

Fate Literature Search Results

Off Topic

Yuying, H; Junfeng, L; Xiaohong, F; Wenhao, F; Bingshe, X. (2010). Theoretical studies on geometrical and electronic structure of electroplex at the NPB/PBD interface in organic light-emitting diodes. Curr Appl Phys 10: 744-748. http://dx.doi.org/10.1016/j.cap.2009.09.008.

Zapletal, P; Balejko, J; Adamczyk, K; Maj, D; Ochrem, A. (2012). Mechanical Properties of Leather from Crossbreed Kid from White Goats Upgraded by Bucks of Boer and Nubian Breeds. Journal of the Society of Leather Technologists and Chemists 96: 45-47.

Zeljezic, D; Bjelis, M; Mladinic, M. (2015). Evaluation of the mechanism of nucleoplasmic bridge formation due to premature telomere shortening in agricultural workers exposed to mixed pesticides: indication for further studies. Chemosphere 120: 45-51. http://dx.doi.org/10.1016/j.chemosphere.2014.05.085.

Zennaro, R; Tagliabue, M; Bartholomew, CH. (2000). Kinetics of Fischer-Tropsch synthesis on titania-supported cobalt. Catalysis Today 58: 309-319.

Zhai, J; Sheng, T; He, J; Chen, W; Zheng, W. (2011). Efficiently Acquiring Communication Traces for Large-Scale Parallel Applications. I E E E Transactions on Parallel and Distributed Systems 22: 1862-1870. http://dx.doi.org/10.1109/TPDS.2011.49.

Zhang, C; Daifuku, SL; Neidig, ML; Marchetti, AP. (2016). Resident holes and electrons at organic/conductor and organic/organic interfaces: An electron paramagnetic resonance investigation. Organic Electronics 37: 379-385. http://dx.doi.org/10.1016/j.orgel.2016.07.001.

Zhang, F; Petr, A; Kirbach, U; Dunsch, L. (2003). Improved hole injection and performance of multilayer OLED devices via electrochemically prepared-polybithiophene layers. J Mater Chem 13: 265-267. http://dx.doi.org/10.1039/b208482c.

Zhang, F; Xu, Z; Zhao, S; Zhao, D; Yuan, G; Cheng, Z. (2008). Improved performance of organic light emitting diodes by pentacene as hole transporting layer. Appl Surf Sci 255: 1942-1945. http://dx.doi.org/10.1016/j.apsusc.2008.06.166.

Zhang, F; Zhang, J; Tong, C; Chen, Y; Zhuang, S; Liu, W. (2013). Molecular interactions of benzophenone UV filters with human serum albumin revealed by spectroscopic techniques and molecular modeling. J Hazard Mater 263 Pt 2: 618-626. http://dx.doi.org/10.1016/j.jhazmat.2013.10.024.

Zhang, G; Tian, X; Zhao, L; Wang, J, in; Jiang, W; Zhang, X; Dong, W; Gao, Y. (2015). Effects of DMPPP layer thickness on the performance of deep blue organic light emitting devices. Journal of Materials Science: Materials in Electronics 26: 1004-1008. http://dx.doi.org/10.1007/s10854-014-2496-8.

Zhang, G; Wu, FI, y; Jiang, X; Sun, P; Cheng, CH. (2010). Iridium(III) complexes with cyclometalated styrylbenzoimidazole ligands: Synthesis, electrochemistry and as highly efficient emitters for organic light-emitting diodes. Synthetic Metals 160: 1906-1911. http://dx.doi.org/10.1016/j.synthmet.2010.07.008.

Zhang, GL; Guo, HQ; Chuai, Y; Zou, DC. (2005). Synthesis and luminescence of a new phosphorescent iridium(III) pyrazine complex. Mater Lett 59: 3002-3006. http://dx.doi.org/10.1016/j.matlet.2005.05.004.

Zhang, H; Dai, Y; You, H, an; Ma, D. (2007). Color tunable high efficiency microcavity organic light-emitting diodes. Optical and Quantum Electronics 39: 1319-1327. http://dx.doi.org/10.1007/s11082-008-9212-y.

Zhang, H; You, H, an; Shi, J; Wang, W, ei; Guo, S; Liu, M; Ma, D. (2006). Microcavity effects on emissive color and electroluminescent performance in organic light-emitting diodes. Synthetic Metals 156: 954-957. http://dx.doi.org/10.1016/j.synthmet.2006.06.008.

Zhang, H, ui; Yu, T; Zhao, Y; Fan, D; Xia, Y; Zhang, P. (2010). Synthesis, crystal structure, photo- and electro-luminescence of 3-(4-(anthracen-10-yl)phenyl)-7-(N,N '-diethylamino)coumarin. Synthetic Metals 160: 1642-1647. http://dx.doi.org/10.1016/j.synthmet.2010.05.034.

Zhang, HM; Choy, WCH; Li, K. (2010). Blue Organic LEDs With Improved Power Efficiency. I E E E Transactions on Electron Devices 57: 125-128. http://dx.doi.org/10.1109/TED.2009.2033641.

Zhang, J; Yang, F; Zheng, Y; Wei, B, in; Zhang, X; Zhang, J; Wang, Z; Pu, W; Yang, C. (2015). Effective exciton blocking by the hole-transporting material 5,10,15-tribenzyl-5H-diindolo[3,2-a:3 ',2 '-c]-carbazole (TBDI) in the tetraphenyldibenzoperiflanthene (DBP) based organic photovoltaic cells. Appl Surf Sci 357: 1281-1288. http://dx.doi.org/10.1016/j.apsusc.2015.09.144.

Zhang, L; Zu, FS; Deng, YL; Igbari, F; Wang, ZK; Liao, LS. (2015). Origin of Enhanced Hole Injection in Organic Light-Emitting Diodes with an Electron-Acceptor Doping Layer: p-Type Doping or Interfacial Diffusion? 7: 11965-11971. http://dx.doi.org/10.1021/acsami.5b01989.

Zhang, M; Miao, R; Wang, Y. (2015). [Analysis of urinary N-acetyl-S-(n-propyl)-L-cysteine as biomarker for occupational 1-bromopropane exposure]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 437-439.

Zhang, Q; Chen, JS; Cheng, YX; Wang, LX; Ma, DG; Jing, XB; Wang, FS. (2004). Novel hole-transporting materials based on 1,4-bis(carbazolyl)benzene for organic light-emitting devices. J Mater Chem 14: 895-900. http://dx.doi.org/10.1039/b309630k.

Zhang, Q; Zheng, RZ; Zhang, ZH; Yang, LS; Wang, H; Ning, H; Huang, F. (2013). [Effects of bromopropane exposure on expression of DNA methyltransferases and level of histone acetylation in testis of male rats]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 31: 92-95.

Zhang, T; Sun, H; Qin, X; Wu, Q; Zhang, Y; Ma, J; Kannan, K. (2013). Benzophenone-type UV filters in urine and blood from children, adults, and pregnant women in China: partitioning between blood and urine as well as maternal and fetal cord blood. Sci Total Environ 461-462: 49-55. http://dx.doi.org/10.1016/j.scitotenv.2013.04.074.

Zhang, W; He, Z; Wang, Y; Zhao, S. (2011). Multifunctional electroluminescent material based on dimesitylboron and alpha-naphthylamino fluorene bridge. Synthetic Metals 161: 2323-2328. http://dx.doi.org/10.1016/j.synthmet.2011.08.042.

Zhang, W; Wu, Z; Zhang, X; Liang, S; Jiao, B; Hou, X. (2010). Influence of driving mode on the operation stability of organic light-emitting diodes. Optoelectronics and Advanced Materials Rapid Communications 4: 1379-1383.

Zhang, X; Mo, B; You, F; Liu, L; Wang, H; Wei, B, in. (2015). Highly-efficient low-voltage organic light-emitting diode by controlling hole transporting with doped dual hole-transport layer and the impedance spectroscopy analysis. Synthetic Metals 205: 134-138. http://dx.doi.org/10.1016/j.synthmet.2015.04.001.

Zhang, X; Wei, F; Liu, X; Zhu, W; Jiang, X; Zhang, Z. (2007). Obtaining high-efficiency red electrophosphorescent OLEDs by changing the thickness of light-emitting layer. Displays 28: 150-153. http://dx.doi.org/10.1016/j.displa.2007.06.001.

Zhang, X; Wu, Z; Jiao, B, o; Wang, D; Wang, D; Hou, X, un. (2012). White organic light-emitting devices with a solution-processed small molecular emission layer. Displays 33: 129-132. http://dx.doi.org/10.1016/j.displa.2012.03.004.

Fate Literature Search Results

Off Topic

Zhang, XW, en; Mo, BJ, ie; Liu, L, iM; Wang, HH; Chang, D, anT; Xu, J, iWen; Wang, H, ua; Wei, B, in. (2014). Blue organic light-emitting diodes with 2-methyl-9,10-bis(naphthalen-2-yl)anthracene as hole transport and emitting layer and the impedance spectroscopy analysis. Curr Appl Phys 14: 1460-1464. http://dx.doi.org/10.1016/j.cap.2014.08.021.

Zhang, Y, e; Hao, Y; Meng, W; Xu, H; Wang, H, ua; Xu, B. (2012). The characterization of electroplex generated from the interface between 2-(4-trifluoromethyl-2-hydroxyphenyl)benzothiazole] zinc and N,N'-diphenyl-N,N'- bis(1-naphthyl)-(1,1'-biphenyl)-4,4'-diamine. Applied Physics A: Materials Science and Processing 106: 709-715. http://dx.doi.org/10.1007/s00339-011-6677-5.

Zhang, Z; Wang, Q, i; Dai, Y; Liu, Y; Wang, L; Ma, D. (2009). High efficiency fluorescent white organic light-emitting diodes with red, green and blue separately monochromatic emission layers. Organic Electronics 10: 491-495. http://dx.doi.org/10.1016/j.orgel.2009.02.006.

Zhang, ZF; Deng, ZB; Liang, CJ; Zhang, MX; Xu, DH. (2003). Organic light-emitting diodes with a nanostructured TiO2 layer at the interface between ITO and NPB layers. Displays 24: 231-234. http://dx.doi.org/10.1016/j.displa.2004.01.010.

Zhang, ZL; Jiang, XY; Xu, SH. (2000). Energy transfer and white emitting organic thin film electroluminescence. Thin Solid Films 363: 61-63.

Zhao, D; Song, S; Zhang, F; Xu, C; Xu, Z; Sun, X. (2008). The effect of organic multi-layer periodic structure on carrier balance based on OLEDs. Displays 29: 408-411. http://dx.doi.org/10.1016/j.displa.2007.12.003.

Zhao, D, eWei; Xu, Z; Zhang, F, uJun; Song, S, huF; Zhao, S, uL; Wang, Y; Yuan, GC, ai; Zhang, Y, anFei; Xu, HH, ua. (2007). The effect of electric field strength on electroplex emission at the interface of NPB/PBD organic light-emitting diodes. Appl Surf Sci 253: 4025-4028. http://dx.doi.org/10.1016/j.apsusc.2006.08.046.

Zhao, D; Zhang, F; Xu, C; Sun, J; Song, S; Xu, Z; Sun, X. (2008). Exciplex emission in the blend of two blue luminescent materials. Appl Surf Sci 254: 3548-3552. http://dx.doi.org/10.1016/j.apsusc.2007.11.049.

Zhao, DW; Zhang, FJ; Song, SF; Xu, C; Xu, Z. (2007). The influence of exciton behavior on luminescent characteristics of organic light-emitting diodes. Appl Surf Sci 253: 7412-7415. http://dx.doi.org/10.1016/j.apsusc.2007.03.044.

Zhao, LX; Kim, EK; Lim, HT; Moon, YS; Kim, NH; Kim, TH; Choi, H; Chae, W; Jeong, TC; Lee, ES. (2002). Synthesis, characterization and in vtro identification of N7-guanine adduct of 2-bromopropane. Arch Pharm Res 25: 39-44.

Zhao, P; Zhu, X; Chen, J; Ma, D; Huang, W, ei. (2006). Highly efficient red electroluminescence induced by efficient electron injection and exciton confinement. Synthetic Metals 156: 763-768. http://dx.doi.org/10.1016/j.synthmet.2005.12.024.

Zhao, W, u; Yang, Z; Jiao, B, o; Wu, Z. (2015). Organic alternating current electroluminescence device based on 4,4 '-bis(N-phenyl-1-naphthylamino) biphenyl/1,4,5,8,9,11-hexaazatriphenylene charge generation unit. Organic Electronics 17: 44-50. http://dx.doi.org/10.1016/j.orgel.2014.11.018.

Zhao, WY; Aoki, K; Xie, TX; Misumi, J. (1999). Electrophysiological changes induced by different doses of 1-bromopropane and 2-bromopropane. J Occup Health 41: 1-7. http://dx.doi.org/10.1539/joh.41.1.

Zhao, X; Onteru, SK; Piripi, S; Thompson, KG; Blair, HT; Garrick, DJ; Rothschild, MF. (2012). In a shake of a lamb's tail: using genomics to unravel a cause of chondrodysplasia in Texel sheep. Anim Genet 43 Suppl 1: 9-18. http://dx.doi.org/10.1111/j.1365-2052.2011.02304.x.

Zhao, Z; Chan, CYK; Chen, S; Deng, C; Lam, JWY; Jim, CKW; Hong, Y; Lu, P; Chang, Z; Chen, X; Lu, P; Kwok, H, oiS; Qiu, H; Tang, B, enZ. (2012). Using tetraphenylethene and carbazole to create efficient luminophores with aggregation-induced emission, high thermal stability, and good hole-transporting property. J Mater Chem 22: 4527-4534. http://dx.doi.org/10.1039/c2jm14914a.

Zheng, XY; Zhu, WQ; Wu, YZ; Jiang, XY; Sun, RG; Zhang, ZL; Xu, SH. (2003). A white OLED based on DPVBi blue light emitting host and DCJTB red dopant. Displays 24: 121-124. http://dx.doi.org/10.1016/j.displa.2003.09.004.

Zhiguo, S; Guangzhi, J. (2011). Organic Light Emitting Diodes with p-Si Anodes and Semitransparent Ce/Au Cathodes. Journal of Wuhan University of Technology--Materials Science Edition 26: 208-211. http://dx.doi.org/10.1007/s11595-011-0198-0.

Zhou, C; Zhu, B; Yin, L; Li, X; Wu, J; Rongming, M. (2015). [Determination of urinary 1-bromopropane by headspace-gas chromatography]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 392-393.

Zhou, C; Zhu, H; Liu, H; Rongming, M; Yin, L; Zhu, B. (2015). [Determination of N-acetyl-S-(n-propyl)-L-cysteine: the major metabolite of 1-bromopropane in human urine]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 394-396.

Zhou, DY; Shi, XB, o; Liu, Y; Gao, CH; Wang, K, un; Liao, LS. (2014). Role of hole injection layer in intermediate connector of tandem organic light-emitting devices. Organic Electronics 15: 3694-3701. http://dx.doi.org/10.1016/j.orgel.2014.10.015.

Zhou, G; Wang, Q, i; Wang, X; Ho, CL, am; Wong, W, aiY; Ma, D; Wang, L; Lin, Z. (2010). Metallophosphors of platinum with distinct main-group elements: a versatile approach towards color tuning and white-light emission with superior efficiency/color quality/brightness trade-offs. J Mater Chem 20: 7472-7484. http://dx.doi.org/10.1039/c0jm01159b.

Zhou, WQ; Zhao, XQ; Wang, YJ. (2003). Study on Pb-Zn double oxide for synthesis of diphenyl carbonate by transesterification. Chinese journal of catalysis 24: 760-764.

Zhou, YC; Zhou, J; Zhao, JM; Zhang, ST; Zhan, YQ; Wang, XZ; Wu, Y; Ding, XM; Hou, XY. (2006). Optimal thickness of hole transport layer in doped OLEDs. Applied Physics A: Materials Science and Processing 83: 465-468. http://dx.doi.org/10.1007/s00339-006-3575-3.

Zhu, HL; Choy, WCH; Sha, W, eiEI; Ren, X. (2014). Photovoltaic Mode Ultraviolet Organic Photodetectors with High On/Off Ratio and Fast Response. 2: 1082-1089. http://dx.doi.org/10.1002/adom.201400227.

Zhu, L, u; Dai, Q; Hu, Z, uofu; Zhang, X, iQ; Wang, YS. (2011). Organic Deep Ultraviolet Photodetector With Response Peak Focusing on 270 nm Using the Acceptor BAlq. I E E E Photonics Technology Letters 23: 1835-1837. http://dx.doi.org/10.1109/LPT.2011.2170192.

Zhu, XF; Zhang, H, aiP; Hu, MJ; Wu, ZY, un; Jiang, H, ao; Cao, J, iaJia; Xia, XC; Ma, CX, i; Chang, C. (2016). Cloning and characterization of Tabas1-B1 gene associated with flag leaf chlorophyll content and thousand-grain weight and development of a gene-specific marker in wheat. Molecular Breeding 36. http://dx.doi.org/10.1007/s11032-016-0563-y.

Zou, Y, e; Deng, Z; Xu, D; Xiao, J; Zhou, M; Du, H; Wang, Y. (2012). Enhanced performance in organic light-emitting diode by utilizing MoO3-doped C-60 as effective hole injection layer. Synthetic Metals 161: 2628-2631. http://dx.doi.org/10.1016/j.synthmet.2011.08.026.

Fate Literature Search Results

Off Topic

Zou, Y; Ye, T; Ma, D; Qin, J; Yang, C. (2012). Star-shaped hexakis(9,9-dihexyl-9H-fluoren-2-yl)benzene end-capped with carbazole and diphenylamine units: solution-processable, high T-g hole-transporting materials for organic light-emitting devices. J Mater Chem 22: 23485-23491. http://dx.doi.org/10.1039/c2jm35618j.

Engineering/Occupational Exposure Literature Search Results

On Topic

Averill, AF; Ingram, JM; Nolan, PF. (1999). Replacing TCA and CFC-113 with HFE and HFC based azeotropes and n-propyl bromide based solvents for wipe cleaning metal components - Source evaporation rates and models. Institute of Metal Finishing Transactions 77: 16-25.

Averill, AF; Ingram, JM; Nolan, PF. (1999). A study of the dispersion of solvent vapour in the workspace during wipe cleaning of metal components with organic solvents - A Monte Carlo uncertainty analysis. Institute of Metal Finishing Transactions 77: 204-208.

Blando, JD; Schill, DP; De La Cruz, MP; Zhang, L; Zhang, J. (2010). Preliminary study of propyl bromide exposure among New Jersey dry cleaners as a result of a pending ban on perchloroethylene. Journal of the Air and Waste Management Association 60: 1049-1056. http://dx.doi.org/10.3155/1047-3289.60.9.1049.

Collins-Garcia, H; Tia, M; Roque, R; Choubane, B; TRB. (2000). Alternative solvent for reducing health and environmental hazards in extracting asphalt - An evaluation. Trans Res Rec79-85.

Eisenberg, J; Ramsey, J. (2010). Health Hazard Evaluation Report: HETA-2008-0175-3111, New Jersey Department of Health and Senior Services, July 2010. Evaluation of 1-Bromopropane Use in Four New Jersey Commercial Dry Cleaning Facilities. (NTIS/12290078). National Board of Labour Protection (Finland).

Fang, Z; Miao, R; Yang, D; Ji, J; Wu, W; Zhang, Y; Ji, Z; Shi, Y; Zhu, B. (2015). [Effects of 1-bromopropane on liver and kidney functions of exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 357-358.

Fu, Z; Wang, W; Liu, L; Zhang, X; Miu, R; Zhu, B. (2015). [Effects of 1-bromopropane on blood glucose of exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 353-354.

Hanley, K; Curwin, B; Sanderson, W; Johnson, B. (2005). Workers' exposures to n- propyl bromide in two foam fabricating plants manufacturing furniture polyurethane seat cushions in north carolina. Hanley, K; Curwin, B; Sanderson, W; Johnson, B.

Hanley, KW; Dunn, K. (2006). Workers' exposures to n-propyl bromide at a helicopter transmission factory. Hanley, KW; Dunn, K.

Hanley, KW; Petersen, M; Curwin, BD; Sanderson, WT. (2006). Urinary bromide and breathing zone concentrations of 1-bromopropane from workers exposed to flexible foam spray adhesives. Ann Occup Hyg 50: 599-607. http://dx.doi.org/10.1093/annhyg/mel020.

Hanley, KW; Petersen, MR; Cheever, KL; Luo, L. (2009). N-acetyl-S-(n-propyl)-l-cysteine in urine from workers exposed to 1-bromopropane in foam cushion spray adhesives. Ann Occup Hyg 53: 759-769. http://dx.doi.org/10.1093/annhyg/mep051.

Hanley, KW; Petersen, MR; Cheever, KL; Luo, L. (2010). Bromide and N-acetyl-S-(n-propyl)-L-cysteine in urine from workers exposed to 1-bromopropane solvents from vapor degreasing or adhesive manufacturing. Int Arch Occup Environ Health 83: 571-584. http://dx.doi.org/10.1007/s00420-010-0524-4.

Harney, JM; Nemhauser, JB; Reh, CM; Trout, D; Schrader, S. (2003). NIOSH Health Hazard Evaluation Report: HETA No. 99-0260-2906, Marx Industries, Inc., Sawmills, North Carolina. (NTIS/02928130). National Board of Labour Protection (Finland).

Ichihara, G; Li, W; Ding, X; Peng, S; Yu, X; Shibata, E; Yamada, T; Wang, H; Itohara, S; Kanno, S; Sakai, K; Ito, H; Kanefusa, K; Takeuchi, Y. (2004). A survey on exposure level, health status, and biomarkers in workers exposed to 1-bromopropane. Am J Ind Med 45: 63-75. http://dx.doi.org/10.1002/ajim.10320.

Ichihara, G; Miller, JK; Ziolkokwska, A; Itohara, S; Takeuchi, Y. (2002). Neurological disorders in three workers exposed to 1-bromopropane. J Occup Health 44: 1-7. http://dx.doi.org/10.1539/joh.44.1.

Ichihara, G; Miller, JK; Ziolkowska, A; Itohara, S; Takeuchi, Y. (2002). Neurological disorders in three workers exposed to 1-bromopropane (vol 44, pg 1, 2002). J Occup Health 44.

Ichihara, G; Wang, H; Zhang, L; Wakai, K; Li, W; Ding, X; Shibata, E; Zhou, Z; Wang, Q; Li, J; Ichihara, S; Takeuchi, Y. (2011). Dose-dependent neurologic abnormalities in workers exposed to 1-bromopropane: authors' response [Letter]. J Occup Environ Med 53: 1095-1098. http://dx.doi.org/10.1097/JOM.0b013e3182300a4f.

Kawai, T; Takeuchi, A; Miyama, Y; Sakamto, K; Zhang, ZW; Higashikawa, K; Ikeda, M. (2001). Biological monitoring of occupational exposure to 1-bromopropane by means of urinalysis for 1-bromopropane and bromide ion. Biomarkers 6: 303-312. http://dx.doi.org/10.1080/13547500110034817.

Li, W; Shibata, E; Zhou, Z; Ichihara, S; Wang, H; Wang, Q; Li, J; Zhang, L; Wakai, K; Takeuchi, Y; Ding, X; Ichihara, G. (2010). Dose-dependent neurologic abnormalities in workers exposed to 1-bromopropane. J Occup Environ Med 52: 769-777. http://dx.doi.org/10.1097/JOM.0b013e3181eaded7.

Miao, R; Fang, Z; Yang, D; Zhang, Y; Wang, Y; Zhu, B; Zhang, M. (2015). [Effects of 1-bromopropane on hematological changes of exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 350-351.

Miao, R; Fang, Z; Zhu, B; Yang, D; Qian, G; Chen, Y; Zhang, Y. (2015). [Cardiac effects of 1-bromopropane on exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 352-353.

Miao, R; Shi, Y; Zhu, B; Ding, P; Yang, D; Fu, Z; Zhang, Y; Wang, Y; Zhang, M. (2015). [Electrophysiological effects of 1-bromopropane on exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 355-357.

Moon, HI, l; Shin, S; Byeon, SH. (2015). Exposure Monitoring and Health Risk Assessment of 1-Bromopropane as a Cleaning Solvent in the Workplace. Hum Ecol Risk Assess 21: 744-752. http://dx.doi.org/10.1080/10807039.2014.926203.

Raymond, LW; Ford, MD. (2007). Severe illness in furniture makers using a new glue: 1-bromopropane toxicity confounded by arsenic. J Occup Environ Med 49: 1009-1019. http://dx.doi.org/10.1097/JOM.0b013e318145b616.

Samoto, H; Fukui, Y; Ukai, H; Okamoto, S; Takada, S; Ohashi, F; Moriguchi, J; Ezaki, T; Ikeda, M. (2006). Field survey on types of organic solvents used in enterprises of various sizes. Int Arch Occup Environ Health 79: 558-567. http://dx.doi.org/10.1007/s00420-005-0082-3.
Smith, CJ; Johnson, GT; Harbison, RD; Zhu, Y; Lee, RV; Banasik, M; Stedeford, T. (2011). Dose-dependent neurologic abnormalities in workers exposed to 1-bromopropane [Letter]. J Occup Environ Med 53: 707-708. http://dx.doi.org/10.1097/JOM.0b013e318220c30c.
Takeuchi, Y. (2006). Control of hazardous substances at small workplaces. Ind Health 44: 48-52.

Engineering/Occupational Exposure Literature Search Results

Off Topic

Ahn, S; Cha, YB, um; Kim, M; Ahn, KH; Kim, YC. (2015). Synthesis, characterization, and electroluminescence properties of a donor-acceptor type molecule for highly efficient non-doped green organic light-emitting diodes. Synthetic Metals 199: 8-13. http://dx.doi.org/10.1016/j.synthmet.2014.11.005.
Ahn, S; Kim, J, aeN; Kim, YC. (2015). Solid state solvation effect of a donor-acceptor type fluorescent molecule and its application to white organic light-emitting diodes. Curr Appl Phys 15: S42-S47. http://dx.doi.org/10.1016/j.cap.2015.03.013.
Allen, BL; Mallarino, AP; Lore, JF; Baker, JL; Haq, MU. (2012). Phosphorus Lateral Movement through Subsoil to Subsurface Tile Drains. Soil Sci Soc Am J 76: 710-717. http://dx.doi.org/10.2136/sssaj2011.0150.
Almeida, CF; Calado, CRC; Bernardino, SA; Cabral, JMS; Fonseca, LP. (2006). A flow injection analysis system for on-line monitoring of cutinase activity at outlet of an expanded bed adsorption column almost in real time. J Chem Tech Biotechnol 81: 1678-1684. http://dx.doi.org/10.1002/jctb.1587.
Altarawneh, M; Dlugogorski, BZ. (2015). Reactions of HO2 with n-propylbenzene and its phenylpropyl radicals. Combust Flame 162: 1406-1416. http://dx.doi.org/10.1016/j.combustflame.2014.11.007.
Anderson, LM; Rice, JM. (1987). Tumorigenesis in Athymic Nude Mouse Skin by Chemical Carcinogens and Ultraviolet Light. J Natl Cancer Inst 78: 125-134.
Aoyama, M. (2006). Properties of neutral phosphate buffer extractable organic matter in soils revealed using size exclusion chromatography and fractionation with polyvinylpyrrolidone. Soil Sci Plant Nutr 52: 378-386. http://dx.doi.org/10.1111/j.1747-0765.2006.00047.x.
Apeagyei, AK; Diefenderfer, SD. (2012). Correlation of Flow Number with Stiffness Obtained from Dynamic Shear Rheometer Testing of Extracted Binder from Asphalt Concrete Containing Recycled Asphalt Pavement. Journal of Testing and Evaluation 40: 612-621. http://dx.doi.org/10.1520/JTE104471.
Arumemi-Ikhide, M; Sefiane, K; Duursma, G; Glass, D. (2008). Investigation of flow boiling in circulating three-phase fluidised bed - Part II: Theoretical correlation. Chem Eng Sci 63: 896-914. http://dx.doi.org/10.1016/j.ces.2007.10.019.
Asadov, ZH; Rahimov, RA; Mammadova, KA; Gurbanov, AV; Ahmadova, GA. (2016). Synthesis and Characteristics of Dodecyl Isopropylolamine and Derived Surfactants. Journal of Surfactants and Detergents 19: 145-153. http://dx.doi.org/10.1007/s11743-015-1762-y.
Badica, P; Awaji, S; Oguro, H; Nishijima, G, en; Watanabe, K. (2007). Behavior of Nb3Sn composite wires: Multiple room temperature bending cycles. I E E E Transactions on Applied Superconductivity 17: 2672-2675. http://dx.doi.org/10.1109/TASC.2007.899606.
Bai, Y; Liu, S, u; Li, H; Liu, C; Wang, J; Chang, J. (2014). White organic light-emitting devices with high color purity and stability. Semiconductor Science and Technology 29. http://dx.doi.org/10.1088/0268-1242/29/4/045026.
Balasubramaniam, E; Tao, YT; Danel, A; Tomasik, P. (2000). Blue light-emitting diodes based on dipyrazolopyridine derivatives. Chem Mater 12: 2788-2793. http://dx.doi.org/10.1021/cm0003368.
Ban, D; Han, S; Lu, ZH; Oogarah, T; Springthorpe, AJ; Liu, HC. (2007). Organic-inorganic hybrid optical upconverter. I E E E Transactions on Electron Devices 54: 1645-1650. http://dx.doi.org/10.1109/TED.2007.898462.
Baran, V; Melcak, I; Otcovsky, J; Landa, V. (1993). IMMUNOELECTRON MICROSCOPIC LOCALIZATION OF SMALL NUCLEAR RIBONUCLEOPROTEINS AND INTERCHROMATIN GRANULES IN THE 2-CELL MOUSE EMBRYO. Reprod Nutr Dev 33: 447-454.
Barbosa, O; Torres, R; Ortiz, C; Fernandez-Lafuente, R. (2012). Versatility of glutaraldehyde to immobilize lipases: Effect of the immobilization protocol on the properties of lipase B from Candida antarctica. Process Biochemistry 47: 1220-1227. http://dx.doi.org/10.1016/j.procbio.2012.04.019.
Barrera-Alba, JJ; Flores Gianesella, SM; Oliveira Moser, GA; Prado Saldanha-Correa, FM. (2009). Influence of allochthonous organic matter on bacterioplankton biomass and activity in a eutrophic, sub-tropical estuary. Estuar Coast Shelf Sci 82: 84-94. http://dx.doi.org/10.1016/j.ecss.2008.12.020.
Baysal, C, an; Bortesi, L; Zhu, C; Farre, G; Schillberg, S; Christou, P. (2016). CRISPR/Cas9 activity in the rice OsBEIIb gene does not induce off-target effects in the closely related paralog OsBEIIa. Molecular Breeding 36. http://dx.doi.org/10.1007/s11032-016-0533-4.
Beck, M; Burmester, R; Cembrano, J; Drake, R; Garcia, A; Herve, F; Munizaga, F. (2000). Paleomagnetism of the North Patagonian batholith, southern Chile. An exercise in shape analysis. Tectonophysics 326: 185-202.
Beeley, JG; Neurath, H. (1968). The reaction of trypsin with bromoacetone. Biochemistry 7: 1239-1251.
Beierlein, TA; Brutting, W; Riel, H; Haskal, EI; Muller, P; Riess, W. (2000). Kelvin probe investigations of metal work functions and correlation to device performance of organic light-emitting devices. Synthetic Metals 111: 295-297.
Benassi, B; Leleu, R; Bird, T; Clifton, P; Fenech, M. (2007). Cytokinesis-block micronucleus cytome assays for the determination of genotoxicity and cytotoxicity of cecal water in rats and fecal water in humans. Cancer Epidemiol Biomarkers Prev 16: 2676-2680. http://dx.doi.org/10.1158/1055-9965.EPI-07-0488.
Berleb, S; Bruetting, W; Paasch, G. (2000). Interfacial charges and electric field distribution in organic hetero-layer light-emitting devices. Organic Electronics 1: 41-47.
Berleb, S; Brutting, W; Paasch, G. (2001). Interfacial charges in organic hetero-layer light emitting diodes probed by capacitance-voltage measurements. Synthetic Metals 122: 37-39.
Bin, JK; Hong, JI, n. (2011). Efficient blue organic light-emitting diode using anthracene-derived emitters based on polycyclic aromatic hydrocarbons. Organic Electronics 12: 802-808. http://dx.doi.org/10.1016/j.orgel.2011.02.011.

Bin, Z; Duan, L; Li, C; Zhang, D; Dong, G; Wang, L; Qiu, Y. (2014). Bismuth Trifluoride as a low-temperature-evaporable insulating dopant for efficient and stable organic light-emitting diodes. Organic Electronics 15: 2439-2447. http://dx.doi.org/10.1016/j.orgel.2014.07.002.

Biswas, R; Xu, C; Zhao, W; Liu, R, ui; Shinar, R; Shinar, J. (2011). Simulations of emission from microcavity tandem organic light-emitting diodes. 1. http://dx.doi.org/10.1117/1.3552947.

Blair, MW; Giraldo, MC; Buendía, HF; Tovar, E; Duque, MC; Beebe, SE. (2006). Microsatellite marker diversity in common bean (Phaseolus vulgaris L.). Theor Appl Genet 113: 100-109. http://dx.doi.org/10.1007/s00122-006-0276-4.

Blanco, ST; Munoz, J; Velasco, I; Otin, S. (1995). EXCESS MOLAR ENTHALPIES OF BINARY-MIXTURES CONTAINING MONOBROMOALKANES AND POLYBROMOALKANES AT 298.15 K. Journal of Chemical and Engineering Data 40: 605-606.

Bodkin, JJ; Curry, TB; Lundgren, CEG. (2006). Negative pressure oxygen breathing and head-down tilt increase nitrogen elimination. Undersea Hyperb Med 33: 455-462.

Boelens, OJ; Badcock, KJ; Elmilgui, A; Abdol-Hamid, KS; Massey, SJ. (2009). Comparison of Measured and Block Structured Simulation Results for the F-16XL Aircraft. J Aircraft 46: 377-384. http://dx.doi.org/10.2514/1.35064.

Bolotnikov, MF; Neruchev, YA; Ryshkova, OS. (2007). Density of some 1-bromoalkanes within the temperature range from (243.15 to 423.15) K. Journal of Chemical and Engineering Data 52: 1065-1068. http://dx.doi.org/10.1021/je700015t.

Bond, JA; Birnbaum, LS; Dahl, AR; Medinsky, MA; Sabourin, PJ; Henderson, RF. (1988). DISPOSITION OF INHALED 1 CHLORO-2-PROPANOL IN F344-N RATS. Toxicol Appl Pharmacol 95: 444-455.

Boyle, EB; Viet, SM; Wright, DJ; Merrill, LS; Alwis, KU; Blount, BC; Mortensen, ME; Moye, J; Dellarco, M. (2016). Assessment of Exposure to VOCs among Pregnant Women in the National Children's Study. Int J Environ Res Public Health 13: 376. http://dx.doi.org/10.3390/ijerph13040376.

Bridgeman, CH; Pyle, JA; Shallcross, DE. (2000). A three-dimensional model calculation of the ozone depletion potential of 1-bromopropane (1-C3H7Br). J Geophys Res Atmos 105: 26493-26502.

Bruetting, W; Berleb, S; Mueckl, AG. (2001). Device physics of organic light-emitting diodes based on molecular materials. Organic Electronics 2: 1-36.

Bull, CF; Mayrhofer, G; Zeegers, D; Mun, GL; Hande, MP; Fenech, MF. (2012). Folate deficiency is associated with the formation of complex nuclear anomalies in the cytokinesis-block micronucleus cytome assay. Environ Mol Mutagen 53: 311-323. http://dx.doi.org/10.1002/em.21688.

Burkhart-Schultz, KJ; Jones, IM. (1997). Deletion and insertion in vivo somatic mutations in the hypoxanthine phosphoribosyltransferase (hprt) gene of human T-lymphocytes. Environ Mol Mutagen 30: 371-384.

Bursik, J; Vanek, P; Kuzel, R; Studnicka, V; Zelezny, V. (2001). Textured PbTiO3-Al2O3 composite films prepared by chemical solution deposition. J Eur Ceram Soc 21: 1503-1507.

Burt, R; Mays, MD; Benham, EC; Wilson, MA. (2002). Phosphorus characterization and correlation with properties of selected benchmark soils of the United States. Commun Soil Sci Plant Anal 33: 117-141.

Byun, Y; Cha, SH; Jeon, HJ, oo; Hong, S, ukB. (2016). n-Propylbenzene Disproportionation: An Efficient Tool for Assessing the Framework Topology of Large-Pore Zeolites. J Phys Chem C 120: 6125-6135. http://dx.doi.org/10.1021/acs.jpcc.6b00758.

Cacciatore, LC; Kristoff, G; Verrengia Guerrero, NR; Cochón, AC. (2012). Binary mixtures of azinphos-methyl oxon and chlorpyrifos oxon produce in vitro synergistic cholinesterase inhibition in Planorbarius corneus. Chemosphere 88: 450-458. http://dx.doi.org/10.1016/j.chemosphere.2012.02.069.

Camargo, H; Paolini, TB; Niyama, E; Brito, HF; Cremona, M. (2013). New rare-earth quinolinate complexes for organic light-emitting devices. Thin Solid Films 528: 36-41. http://dx.doi.org/10.1016/j.tsf.2012.09.085.

Cao, Y; Zhang, E; Tang, H; Langdon, P; Ning, D; Zheng, W. (2016). Combined effects of nutrients and trace metals on chironomid composition and morphology in a heavily polluted lake in central China since the early 20th century. Hydrobiologia 779: 147-159. http://dx.doi.org/10.1007/s10750-016-2810-y.

Carta, LK; Li, S; Skantar, AM; Newcombe, G. (2016). Morphological and Molecular Characterization of Two Aphelenchoides Endophytic in Poplar Leaves. Journal of Nematology 48: 28-33.

Carvan, r; Ponomareva, r; Solis, r; Matlib, r; Puga, r; Nebert, r. (1999). Trout CYP1A3 Gene: Recognition of Fish DNA Motifs by Mouse Regulatory Proteins. Mar Biotechnol 1: 155-166.

Castillo, MM; Kling, GW; Allan, JD. (2003). Bottom-up controls on bacterial production in tropical lowland rivers. Limnol Oceanogr 48: 1466-1475. http://dx.doi.org/10.4319/lo.2003.48.4.1466.

Castro, P; Valiela, I; Freitas, H. (2007). The use of sedimentary %C, %N, delta N-15, and Pb concentrations to assess historical changes in anthropogenic influence on Portuguese estuaries. Environ Pollut 147: 706-712. http://dx.doi.org/10.1016/j.envpol.2006.09.011.

Çayır, A; Coskun, M; Coskun, M. (2014). Micronuclei, nucleoplasmic bridges, and nuclear buds induced in human lymphocytes by the fungicide signum and its active ingredients (boscalid and pyraclostrobin). Environ Toxicol 29: 723-732. http://dx.doi.org/10.1002/tox.21789.

Cepeda, EA; Bravo, R; Calvo, B. (2009). Solubilities of Lauric Acid in n-Hexane, Acetone, Propanol, 2-Propanol, 1-Bromopropane, and Trichloroethylene from (279.0 to 315.3) K. Journal of Chemical and Engineering Data 54: 1371-1374. http://dx.doi.org/10.1021/je800739y.

Cepeda, EA; Bravo, R; Lomas, JM. (2012). Solubilities of Fatty Acids and Triglycerides in 1-Bromopropane. Journal of Chemical and Engineering Data 57: 1160-1164. http://dx.doi.org/10.1021/je201181k.

Chan, CYH; Chow, CM; So, SK. (2011). Using transistor technique to study the effects of transition metal oxide dopants on organic charge transporters. Organic Electronics 12: 1454-1458. http://dx.doi.org/10.1016/j.orgel.2011.04.023.

Chan, CYK; Lam, JWY; Zhao, Z; Chen, S; Lu, P; Sung, HHY; Kwok, H, oiS; Ma, Y; Williams, I, anD; Tang, B, enZ. (2014). Aggregation-induced emission, mechanochromism and blue electroluminescence of carbazole and triphenylamine-substituted ethenes. 2: 4320-4327. http://dx.doi.org/10.1039/c4tc00097h.

Chan, J; Rakic, AD; Kwong, CY; Liu, ZT; Djurisic, AB; Majewski, ML; Chan, WK; Chui, PC. (2006). Device optimization of tris-aluminum (Alq(3)) based bilayer organic light emitting diode structures. Smart Materials and Structures 15: S92-S98. http://dx.doi.org/10.1088/0964-1726/15/1/015.

Chanas, B; Wang, H; Ghanayem, BI. (2003). Differential metabolism of acrylonitrile to cyanide is responsible for the greater sensitivity of male vs female mice: Role of CYP2E1 and epoxide hydrolases. Toxicol Appl Pharmacol 193: 293-302. http://dx.doi.org/10.1016/j.taap.2003.08.006.

Chang, M, eiY; Wu, CC; Lin, SC; Chen, Y, iFan. (2009). High-Brightness White Organic Light-Emitting Diodes Featuring a Single Emission Layer. J Electrochem Soc 156: J1-J5. http://dx.doi.org/10.1149/1.3005990.

Chatterjee, K; Poggie, J. (2006). A parallelized 3D floating random-walk algorithm for the solution of the nonlinear Poisson-Boltzmann equation. 57: 237-252. http://dx.doi.org/10.2528/PIER05072802.

Chatterjee, K; Poggie, J. (2006). A two-dimensional stochastic algorithm for the solution of the non-linear Poisson-Boltzmann equation: validation with finite-difference benchmarks. International Journal for Numerical Methods in Engineering 66: 72-84. http://dx.doi.org/10.1002/nme.1539.

Chatterjee, K; Poggie, J. (2007). A parallelized Monte Carlo algorithm for the nonlinear Poisson-Boltzmann equation in two dimensions. Applied Computational Electromagnetics Society Journal 22: 333-339.

Chen, BJ; Divayana, Y; Sun, XW; Sarma, KR. (2008). Improved performance of organic light-emitting devices with ultra-thin hole-blocking layers. Society for Information Display Journal 16: 603-608.

Chen, BJ; Sun, XW; Sarma, KR. (2007). Phosphorescent organic light-emitting devices with in situ post-growth annealed organic layers. Mater Sci Eng B 139: 192-196. http://dx.doi.org/10.1016/j.mseb.2007.02.007.

Chen, CM; Chung, MH, ua; Hsieh, TE; Huang, BR, an; Hsieh, HE, n; Juang, F, uhS; Tsai, Y, uS; Liu, MO; Lin, J, enL. (2008). Electroluminescent properties of color/luminance tunable organic light emitting diodes and their lifetime enhancement with encapsulation. Mater Sci Eng B 153: 100-105. http://dx.doi.org/10.1016/j.mseb.2008.10.028.

Chen, GT; Su, SH; Yokoyama, M. (2007). Field-emission organic light-emitting device using oxide-coated cathode as electron source. Electrochemical and Solid-State Letters 10: J41-J44. http://dx.doi.org/10.1149/1.2409060.

Chen, H, ua; Gao, CH; Jiang, Z, uoQ; Zhang, L, ei; Cui, L, inS; Ji, SJ, un; Liao, LS. (2014). Spiro-annulated hole-transport material outperforms NPB with higher mobility and stability in organic light-emitting diodes. Dyes and Pigments 107: 15-20. http://dx.doi.org/10.1016/j.dyepig.2014.03.006.

Chen, K, anLin. (2014). High Stability White Organic Light-Emitting Diode (WOLED) Using Nano-Double-Ultra Thin Carrier Trapping Materials. Journal of Nanomaterials. http://dx.doi.org/10.1155/2014/173276.

Chen, L; Jiang, Y; Nie, H; Hu, R; Kwok, HS; Huang, F; Qin, A; Zhao, Z; Tang, BZ. (2014). Rational design of aggregation-induced emission luminogen with weak electron donor-acceptor interaction to achieve highly efficient undoped bilayer OLEDs. 6: 17215-17225. http://dx.doi.org/10.1021/am505036a.

Chen, L; Jiang, Y; Nie, H, an; Lu, P; Sung, HHY; Williams, I, anD; Kwok, H, oiS; Huang, F, ei; Qin, A; Zhao, Z; Tang, B, enZ. (2014). Creation of Bifunctional Materials: Improve Electron-Transporting Ability of Light Emitters Based on AIE-Active 2,3,4,5-Tetraphenylsiloles. Adv Funct Mater 24: 3621-3630. http://dx.doi.org/10.1002/adfm.201303867.

Chen, L; Lin, G; Peng, H; Nie, H, an; Zhuang, Z; Shen, P; Ding, S; Huang, D; Hu, R; Chen, S; Huang, F, ei; Qin, A; Zhao, Z; Tang, B, enZ. (2016). Dimesitylboryl-functionalized tetraphenylethene derivatives: efficient solid-state luminescent materials with enhanced electron-transporting ability for nondoped OLEDs. 4: 5241-5247. http://dx.doi.org/10.1039/c6tc01383j.

Chen, L, ei; Qin, D; Chen, Y; Li, G; Wang, M; Ban, D. (2013). The combination of two p-doped layers for improving the hole current of organic light-emitting diodes. Physica Status Solidi A: Applications and Materials Science (Print) 210: 1157-1162. http://dx.doi.org/10.1002/pssa.201228514.

Chen, RT; Muir, BW; Such, GK; Postma, A; Evans, RA; Pereira, SM; Mclean, KM; Caruso, F. (2010). Surface "click" chemistry on brominated plasma polymer thin films. Langmuir 26: 3388-3393. http://dx.doi.org/10.1021/la9031688.

Chen, SF, u; Tian, Y; Peng, J; Zhang, H; Feng, X, inJ; Zhang, H; Xu, X; Li, L; Gao, J. (2015). Synthesis and characterization of arylamino end-capped silafluorenes for blue to deep-blue organic light-emitting diodes (OLEDs). 3: 6822-6830. http://dx.doi.org/10.1039/c5tc00382b.

Chen, SF; Wu, ZJ; Zhao, Y; Li, CN; Hou, JY; Liu, SY. (2005). Efficient organic light-emitting device from exciplex emission between 4,4 ' 4 ''-tris[3-methylphenyl(phenyl)amino] triphenylamine and 2,2 ',2 ''-(1,3,5-benzenetriyl)tris[1-phenyl-1H-benzimidazole]. Organic Electronics 6: 111-117. http://dx.doi.org/10.1016/j.orgel.2005.03.005.

Chen, W, enYin; Ling, YC; Chen, B, oJ; Shih, HH; Cheng, CH. (2006). Diffusion study of multi-organic layers in OLEDs by ToF-SIMS. Appl Surf Sci 252: 6594-6596. http://dx.doi.org/10.1016/j.apsusc.2006.02.228.

Chen, X; He, Z; Hu, Y; He, Y, un; Peng, H; Liang, Z. (2015). Tunable Exciton Dissociation at the Organic/Metal Electrode Interface. J Phys Chem C 119: 7039-7046. http://dx.doi.org/10.1021/jpcc.5b00679.

Chen, Y, uH; Chang, Y, uJen; Lee, GR, u; Chang, JH; Wu, IW, en; Fang, JH, ao; Hsu, S, huHan; Liu, SW, ei; Wu, CI; Pi, T, unWen. (2010). Formation of gap states and enhanced current injection efficiency in organic light emitting diodes incorporated with subphthalocyanine. Organic Electronics 11: 445-449. http://dx.doi.org/10.1016/j.orgel.2009.11.025.

Chen, Y, uC; Fang, YC; Wu, MH, ua; Juang, YD, er; Chu, SY. (2012). The Investigation of Two Different Types of Multiple-Quantum-Well Structure on Fluorescent White Organic Light Emitting Devices. 1: R66-R71. http://dx.doi.org/10.1149/2.009202jss.

Chen, Y, uC; Juang, YD, er; Chu, SY; Kao, P, oC. (2012). Investigation of Time-Dependent UV-Ozone Treatment on an Ultra-Thin AgF Buffer Layer for Organic Light-Emitting Diodes. J Electrochem Soc 159: H388-H392. http://dx.doi.org/10.1149/2.008204jes.

Chen, Y, uC; Kao, P, oC; Yu, J, enC; Juang, YD, er; Chu, SY. (2012). Co-Host Comprising Hole-Transporting and Blue-Emitting Components for Efficient Fluorescent White OLEDs. J Electrochem Soc 159: J127-J131. http://dx.doi.org/10.1149/2.092204jes.

Chen, Z, huQi; Ding, F, ei; Bian, Z, uQ; Huang, CH, ui. (2010). Efficient near-infrared organic light-emitting diodes based on multimetallic assemblies of lanthanides and iridium complexes. Organic Electronics 11: 369-376. http://dx.doi.org/10.1016/j.orgel.2009.11.015.

Chen, Z; Ding, F, ei; Hao, F; Bian, Z; Ding, B, ei; Zhu, Y; Chen, F; Huang, C. (2009). A highly efficient OLED based on terbium complexes. Organic Electronics 10: 939-947. http://dx.doi.org/10.1016/j.orgel.2009.04.023.

Chen, Z; Feng, L; Zhang, C; Bie, H; Lei, G; Bai, F. (2007). The light-emitting device consisting of organic white-light components. Current Opinion in Solid State & Materials Science 11: 28-32. http://dx.doi.org/10.1016/j.cossms.2008.04.001.

Cheng, G; Xie, ZQ; Zhang, YF; Ma, YG; Liu, SY. (2005). Blue and white organic light-emitting devices using 2,5-diphenyl-1,4-d istyryl benzene with two trans-double bonds as a blue emitting layer. Materials Science Forum 475-479: 1805-1808.

Cheng, G; Zaho, Y; Xie, W; Ma, Y; Liu, S. (2004). High-efficiency white light emission using a phosphorescent sensitizer in organic light-emitting devices. Optical and Quantum Electronics 36: 659-664.

Cheng, G; Zhao, Y; Li, F; Xie, WF; Liu, SY. (2004). Effect of a thin layer of tris (8-hydroxyquinoline) aluminum doped with 4-(dicyanomethylene)-2-t-butyl-6-(1,1,7,7-tetramethyljulolidyl-9-enyl) on the chromaticity of white organic light-emitting devices. Thin Solid Films 467: 231-233. http://dx.doi.org/10.1016/j.tsf.2004.04.014.

Cheung, CH; Ng, AMC; Djurisic, AB; Liu, ZT; Kwong, CY; Chui, PC; Tam, HL; Cheah, KW; Chan, WK; Chan, J; Lu, AW; Rakic, AD. (2008). Angular dependence of the emission from low Q-factor organic microcavity light emitting diodes. Displays 29: 358-364. http://dx.doi.org/10.1016/j.displa.2007.10.007.

Cheung, CH; Song, WJ; So, SK. (2010). Role of air exposure in the improvement of injection efficiency of transition metal oxide/organic contact. Organic Electronics 11: 89-94. http://dx.doi.org/10.1016/j.orgel.2009.10.003.

Chia, MA; Chimdirim, PK; Japhet, WS. (2015). Lead induced antioxidant response and phenotypic plasticity of Scenedesmus quadricauda (Turp.) de Br,bisson under different nitrogen concentrations. J Appl Phycol 27: 293-302. http://dx.doi.org/10.1007/s10811-014-0312-8.

Chiang, CJ; Bull, S; Winscom, C; Monkman, A. (2010). A nano-indentation study of the reduced elastic modulus of Alq(3) and NPB thin-film used in OLED devices. Organic Electronics 11: 450-455. http://dx.doi.org/10.1016/j.orgel.2009.11.026.

Chiang, CJ; Winscom, C; Monkman, A. (2010). Electroluminescence characterization of FOLED devices under two type of external stresses caused by bending. Organic Electronics 11: 1870-1875. http://dx.doi.org/10.1016/j.orgel.2010.08.021.

Chiu, CH; Gregoire, L; Gumucio, DL; Muniz, JA; Lancaster, WD; Goodman, M. (1999). Model for the fetal recruitment of simian gamma-globin genes based on findings from two New World monkeys Cebus apella and Callithrix jacchus (Platyrrhini, Primates). J Exp Zool 285: 27-40.

Cho, SW, an; Yi, Y; Noh, M; Cho, MH, o; Yoo, KH, wa; Jeong, K; Whang, CN, am. (2008). Energy level alignment in N,N '-bis(1-naphthyl)-N,N '-diphenyl-1,1 '-biphenyl-4,4 '-diamine (NPB)/hexadecafluoro copper phthalocyanine (F(16)CuPc)/Au and NPB/CuPc/Au heterojunction. Synthetic Metals 158: 539-543. http://dx.doi.org/10.1016/j.synthmet.2008.03.024.

Choi, G, yuC; Chung, KC; Kim, YK, uk; Cho, YS; Choi, CJ, in; Kim, YD, o. (2011). Electrical and Luminescent Properties of OLEDs by Nickel Oxide Buffer Layer with Controlled Thickness. 49: 811-817. http://dx.doi.org/10.3365/KJMM.2011.49.10.811.

Choi, J; Lee, YG; Park, S; Lee, J; Lee, HH. (2005). Voltage-independent white organic light-emitting diodes by Alq(3) insertion. J Chem Eng Jpn 38: 588-592.

Choi, WH; Cheung, CH; So, SK. (2010). Can an organic phosphorescent dye act as a charge transporter? Organic Electronics 11: 872-875. http://dx.doi.org/10.1016/j.orgel.2010.02.001.

Chong, L, aiWan; Lee, Y, uhL; Wen, T, enC. (2007). Surface modification of indium tin oxide anodes by self-assembly monolayers: Effects on interfacial morphology and charge injection in organic light-emitting diodes. Thin Solid Films 515: 2833-2841. http://dx.doi.org/10.1016/j.tsf.2006.05.010.

Chorazewski, M; Goralski, P; Tkaczyk, M. (2005). Heat capacities of 1-chloroalkanes and 1-bromoalkanes within the temperature range from 284.15 K to 353.15 K. A group additivity and molecular connectivity analysis. Journal of Chemical and Engineering Data 50: 619-624. http://dx.doi.org/10.1021/je049652j.

Chou, D, eiWei; Huang, CJ; Lee, TC; Chen, W, enRay; Meen, TH. (2011). Emission Shift Upon Recombination Using Hole Blocking Layer (HBL). Ferroelectrics 421: 16-22. http://dx.doi.org/10.1080/00150193.2011.594028.

Chovanec, M; Cedervall, B; Kolman, A. (2001). DNA damage induced by gamma-radiation in combination with ethylene oxide or propylene oxide in human fibroblasts. Chem Biol Interact 137: 259-268.

Chu, Z; Wang, D, an; Zhang, C; Wang, F; Wu, H; Lv, Z; Hou, S; Fan, X; Zou, D. (2012). Synthesis of spiro[fluorene-9,9 '-xanthene] derivatives and their application as hole-transporting materials for organic light-emitting devices. Synthetic Metals 162: 614-620. http://dx.doi.org/10.1016/j.synthmet.2012.02.009.

Chung, SM; Hwang, C, hiSun; Lee, JI, k; Park, SH, eeKo; Yang, YS, uk; Do, L, eeMi; Chu, H, yeY. (2007). Top emission organic light emitting diode with a Cr/Al/Cr anode. Synthetic Metals 157: 327-331. http://dx.doi.org/10.1016/j.synthmet.2007.03.012.

Cook, GM; Rothenberger, JP; Sikaroodi, M; Gillevet, PM; Peters, EC; Jonas, RB. (2013). A comparison of culture-dependent and culture-independent techniques used to characterize bacterial communities on healthy and white plague-diseased corals of the Montastraea annularis species complex. Coral Reefs 32: 375-388. http://dx.doi.org/10.1007/s00338-012-0989-6.

Cook, MB; Dawsey, SM; Freedman, ND; Inskip, PD; Wichner, SM; Quraishi, SM; Devesa, SS; Mcglynn, KA. (2009). Sex disparities in cancer incidence by period and age. Cancer Epidemiol Biomarkers Prev 18: 1174-1182. http://dx.doi.org/10.1158/1055-9965.EPI-08-1118.

Correa, AMS; Baker, AC. (2009). Understanding diversity in coral-algal symbiosis: a cluster-based approach to interpreting fine-scale genetic variation in the genus Symbiodinium. Coral Reefs 28: 81-93. http://dx.doi.org/10.1007/s00338-008-0456-6.

Coskun, M; Coskun, M; Cayir, A; Ozdemir, O. (2011). Frequencies of micronuclei (MNi), nucleoplasmic bridges (NPBs), and nuclear buds (NBUDs) in farmers exposed to pesticides in Çanakkale, Turkey. Environ Int 37: 93-96. http://dx.doi.org/10.1016/j.envint.2010.08.002.

Costa, JCS; Taveira, RJS; Lima, CFR, AC; Mendes, A; Santos, LMN, BF. (2016). Optical band gaps of organic semiconductor materials. Optical Materials 58: 51-60. http://dx.doi.org/10.1016/j.optmat.2016.03.041.

Couch, R; Ehrenberg, L; Magnusson, AL; Nilsson, R; de la Rosa, ME; Törnqvist, M. (1996). In vivo dosimetry of ethylene oxide and propylene oxide in the cynomolgus monkey. Mutat Res 357: 17-23.

Craft, T. (2013). Letter to R. Linn from T.D. Craft, Albemarle Corporation, Baton Rouge, LA, March 7, 2013. National Toxicology Program, Research Triangle Park, NC. Craft, T.

Cui, J; Huang, QL; Veinot, JCG; Yan, H; Wang, QW; Hutchison, GR; Richter, AG; Evmenenko, G; Dutta, P; Marks, TJ. (2002). Anode interfacial engineering approaches to enhancing anode/hole transport layer interfacial stability and charge injection efficiency in organic light-emitting diodes. Langmuir 18: 9958-9970. http://dx.doi.org/10.1021/la020481v.

Cui, S; Hu, Y; Lou, Z; Yi, R, an; Hou, Y; Teng, F. (2015). Light emitting field-effect transistors with vertical heterojunctions based on pentacene and tris-(8-hydroxyquinolinato) aluminum. Organic Electronics 22: 51-55. http://dx.doi.org/10.1016/j.orgel.2015.03.029.

Cui, Z; Yang, Y; Kaufman, CD; Agalliu, D; Hackett, PB. (2003). RecA-mediated, targeted mutagenesis in zebrafish. Mar Biotechnol 5: 174-184. http://dx.doi.org/10.1007/s10126-002-0059-0.

Cuicui, C; Miao, L; Shaoru, G; Dan, Z; Rixiao, L; Hongwei, W. (2016). Grateloupia ramosa Wang & Luan sp nov (Halymeniaceae, Rhodophyta), a new species from China based on morphological evidence and comparative rbcL sequences. Chin J Oceanol Limnol 34: 283-294. http://dx.doi.org/10.1007/s00343-015-4335-z.

Curiel, D; Mas-Montoya, M; Chang, CH, ao; Chen, P, inY; Tai, CW, ei; Tarraga, A. (2013). Multifunctional carbazolocarbazoles as hole transporting and emitting host materials in red phosphorescent OLEDs. 1: 3421-3429. http://dx.doi.org/10.1039/c3tc30193a.

Curry, TB; Lundgren, CEG. (2003). Negative pressure breathing enhances nitrogen elimination. Aviat Space Environ Med 74: 1034-1039.

Czene, K; Osterman-Golkar, S; Yun, X; Li, G; Zhao, F; Pérez, HL; Li, M; Natarajan, AT; Segerbäck, D. (2002). Analysis of DNA and hemoglobin adducts and sister chromatid exchanges in a human population occupationally exposed to propylene oxide: a pilot study. Cancer Epidemiol Biomarkers Prev 11: 315-318.

Daifuku, SL; Favaro, C; Marchetti, AP; Neidig, ML. (2014). Direct observation of ICT cations at the HTL/transparent semiconductor interface. Organic Electronics 15: 3761-3765. http://dx.doi.org/10.1016/j.orgel.2014.10.027.

Davis, AH; Bussmann, K. (2004). Large magnetic field effects in organic light emitting diodes based on tris(8-hydroxyquinoline aluminum) (Alq(3))/IN,N '-Di(naphthalen-1-yl)-N,N ' diphenyl-benzidine (NPB) bilayers. Journal of Vacuum Science and Technology A 22: 1885-1891. http://dx.doi.org/10.1116/1.1759347.

De Silva, CR; Li, F; Huang, C; Zheng, Z. (2008). Europium beta-diketonates for red-emitting electroluminescent devices. Thin Solid Films 517: 957-962. http://dx.doi.org/10.1016/j.tsf.2008.08.118.

Demeny, A; Harangi, S, z; Vennemann, TW; Casillas, R; Horvath, P; Milton, AJ; Mason, PRD; Ulianov, A. (2012). Amphiboles as indicators of mantle source contamination: Combined evaluation of stable H and O isotope compositions and trace element ratios. Lithos 152: 141-156. http://dx.doi.org/10.1016/j.lithos.2012.07.001.

Deng, R; Zhou, L; Song, M; Hao, Z; Zhang, H. (2013). Near-Infrared and White Organic Light Emitting Diodes Based on a Samarium Complex. 5: 1556-1562. http://dx.doi.org/10.1166/sam.2013.1634.

Deng, Z; Lu, Z; Chen, Y; Yin, Y; Zou, Y, e; Xiao, J; Wang, Y. (2013). Aluminum phthalocyanine chloride as a hole injection enhancer in organic light-emitting diodes. Solid-State Electronics 89: 22-25. http://dx.doi.org/10.1016/j.sse.2013.03.003.

Deng, ZB; Lee, ST; Webb, DP; Chan, YC; Gambling, WA. (1999). Carrier transport in thin films of organic electroluminescent materials. Synthetic Metals 107: 107-109.

Depry, JL; Reed, KB; Cook-Norris, RH; Brewer, JD. (2011). Iatrogenic immunosuppression and cutaneous malignancy [Review]. Clin Dermatol 29: 602-613. http://dx.doi.org/10.1016/j.clindermatol.2011.08.009.

Dibb, JE; Talbot, RW; Gregory, GL. (1992). BERYLLIUM-7 AND PB-210 IN THE WESTERN-HEMISPHERE ARCTIC ATMOSPHERE - OBSERVATIONS FROM 3 RECENT AIRCRAFT-BASED SAMPLING PROGRAMS. J Geophys Res 97: 16709-16715.

Dittami, SM; Hostyeva, V; Egge, ES; Kegel, JU; Eikrem, W; Edvardsen, B. (2013). Seasonal dynamics of harmful algae in outer Oslofjorden monitored by microarray, qPCR, and microscopy. Environ Sci Pollut Res Int 20: 6719-6732. http://dx.doi.org/10.1007/s11356-012-1392-0.

Divayana, Y; Sun, XW; Chen, BJ; Lo, GQ; Sarma, KR; Kwong, DL. (2007). Bandgap engineering in Alq(3)- and NPB-based organic light-emitting diodes for efficient green, blue and white emission. Solid-State Electronics 51: 1618-1623. http://dx.doi.org/10.1016/j.sse.2007.09.019.

Dobrin, S; Harikumar, KR; Lim, TB; Leung, L; Mcnab, IR; Polanyi, JC; Sloan, PA; Waqar, Z; Yang, J; Ayissi, S; Hofer, WA. (2007). Maskless nanopatterning and formation of nanocorrals and switches, for haloalkanes at Si(111)-7 x 7. Nanotechnology 18. http://dx.doi.org/10.1088/0957-4484/18/4/044012.

Dong, G; Zheng, H; Duan, L; Wang, L; Qiu, Y. (2009). High-Performance Organic Optocouplers Based on a Photosensitive Interfacial C-60/NPB Heterojunction. Adv Mater Deerfield 21: 2501-+. http://dx.doi.org/10.1002/adma.200803152.

Dong, Y; Song, J; Cheng, C; Jiang, W; Yu, S; Du, G; Wang, X, u. (2008). Emission characteristics of near-ultraviolet two-dimensional organic photonic crystal lasers. Microwave & Optical Technology Letters 50: 382-385. http://dx.doi.org/10.1002/mop.23102.

Dröge, W; Breitkreutz, R. (2000). Glutathione and immune function. Proc Nutr Soc 59: 595-600.

Dröge, W; Schulze-Osthoff, K; Mihm, S; Galter, D; Schenk, H; Eck, HP; Roth, S; Gmünder, H. (1994). Functions of glutathione and glutathione disulfide in immunology and immunopathology [Review]. FASEB J 8: 1131-1138.

Du, X; Zhao, J; Liu, W, ei; Wang, K, ai; Yuan, S; Zheng, C; Lin, H, ui; Tao, S; Zhang, XH. (2016). Bromine-substituted triphenylamine derivatives with improved hole-mobility for highly efficient green phosphorescent OLEDs with a low operating voltage. 4: 10301-10308. http://dx.doi.org/10.1039/c6tc03020c.

Duan, L; Xie, J; Zhang, D; Wang, L; Dong, G; Qiao, J; Qiu, Y. (2008). Nanocomposite thin film based on ytterbium fluoride and N,N'-Bis(1-naphthyl)-N,N'-diphenyl-1,1'-biphenyl-4,4'-diamine and its application in organic light emitting diodes as hole transport layer. J Phys Chem C 112: 11985-11990. http://dx.doi.org/10.1021/jp8040555.

Duan, XB; Jiang, ZQ; Yu, G; Lu, P; Liu, YQ; Xu, XJ; Zhu, DB. (2005). Blue organic electroluminescent device with tetra(beta-naphthyl)silane as hole blocking materials. Thin Solid Films 478: 121-124. http://dx.doi.org/10.1016/j.tsf.2004.10.023.

Duan, Y, u; He, F; Chen, P; Zhao, Y, i; Liu, S; Ma, Y. (2008). Small-molecular white organic light-emitting devices employing 2, 5, 2 ', 5 '-tetra (p-trifluoromethylstyryl)-biphenyl as single-emitting component. Optical and Quantum Electronics 40: 57-63. http://dx.doi.org/10.1007/s11082-008-9232-7.

Ebrahimi, M; Guo, S, iYue; Huang, K, ai; Lim, T; Mcnab, IR; Ning, Z; Polanyi, JC; Shapero, M; Yang, J. (2012). Effect of Alkyl Chain-Length on Dissociative Attachment: 1-Bromoalkanes on Si(100)-c(4x2). J Phys Chem C 116: 10129-10137. http://dx.doi.org/10.1021/jp301773m.

Edgren, G; Liang, L; Adami, HO; Chang, ET. (2012). Enigmatic sex disparities in cancer incidence. Eur J Epidemiol 27: 187-196. http://dx.doi.org/10.1007/s10654-011-9647-5.

El Ramy, R; Ould Elhkim, M; Lezmi, S; Poul, JM. (2007). Evaluation of the genotoxic potential of 3-monochloropropane-1,2-diol (3-MCPD) and its metabolites, glycidol and beta-chlorolactic acid, using the single cell gel/comet assay. Food Chem Toxicol 45: 41-48. http://dx.doi.org/10.1016/j.fct.2006.07.014.

El-Zein, RA; Lopez, MS; D'Amelio, AM; Liu, M; Munden, RF; Christiani, D; Su, L; Tejera-Alveraz, P; Zhai, R; Spitz, MR; Etzel, CJ. (2014). The cytokinesis-blocked micronucleus assay as a strong predictor of lung cancer: extension of a lung cancer risk prediction model. Cancer Epidemiol Biomarkers Prev 23: 2462-2470. http://dx.doi.org/10.1158/1055-9965.EPI-14-0462.

Emelyanova, I; Ali, R; Dawes, W; Varma, S; Hodgson, G; Mcfarlane, D. (2013). Evaluating the cumulative rainfall deviation approach for projecting groundwater levels under future climate. Journal of Water and Climate 4: 317-337. http://dx.doi.org/10.2166/wcc.2013.068.

Engi, M; Cheburkin, AK; Koppel, V. (2002). Nondestructive chemical dating of young monazite using XRF. 1. Design of a mini-probe, age data for samples from the Central Alps, and comparison to U-Pb (TIMS) data. Chem Geol 191: 225-241.

Espinoza, L; Huguet, T; Julier, B. (2012). Multi-population QTL detection for aerial morphogenetic traits in the model legume Medicago truncatula. Theor Appl Genet 124: 739-754. http://dx.doi.org/10.1007/s00122-011-1743-0.

ET, S; Singh, J; KL, K; JJ, S. (1994). Propylene oxide mutagenesis at template cytosine residues. Environ Mol Mutagen 23(4): 274-280. (Supported by the Center for Indoor Air Research and NIH. Authors affiliated with. Environ Mol Mutagen 23: 274-280.

Fan, C; Chen, Y; Liu, Z; Jiang, Z; Zhong, C; Ma, D; Qin, J; Yang, C. (2013). Tetraphenylsilane derivatives spiro-annulated by triphenylamine/carbazole with enhanced HOMO energy levels and glass transition temperatures without lowering triplet energy: host materials for efficient blue phosphorescent OLEDs. 1: 463-469. http://dx.doi.org/10.1039/c2tc00082b.

Fan, C; Zhu, L; Jiang, B, ei; Li, Y; Zhao, F; Ma, D; Qin, J; Yang, C. (2013). High Power Efficiency Yellow Phosphorescent OLEDs by Using New Iridium Complexes with Halogen-Substituted 2-Phenylbenzo[d]thiazole Ligands. J Phys Chem C 117: 19134-19141. http://dx.doi.org/10.1021/jp406220c.

Fan, YL; Hwang, KS; Su, SC. (2008). Improvement of the dimensional stability of powder injection molded compacts by adding swelling inhibitor into the debinding solvent. Metallurgical and Materials Transactions A 39A: 395-401. http://dx.doi.org/10.1007/s11661-007-9351-y.

Fang, Y; Gao, SL; Yang, X; Shuai, Z; Beljonne, D; Bredas, JL. (2004). Charge-transfer states and white emission in organic light-emitting diodes: a theoretical investigation. Synthetic Metals 141: 43-49. http://dx.doi.org/10.1016/j.synthmet.2003.09.022.

Fang, Z; Miao, R; Yang, D; Wang, Y; Zhang, M; Zhang, Y. (2014). [Review of investigation in 1-bromopropane poisoning] [Review]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 32: 954-958.

Fazlollahi, F; Sarkari, M; Zare, A; Mirzaei, A, liA; Atashi, H. (2012). Development of a kinetic model for Fischer-Tropsch synthesis over Co/Ni/Al2O3 catalyst. J Ind Eng Chem 18: 1223-1232. http://dx.doi.org/10.1016/j.jiec.2011.10.011.

Feng, C; Yi, M; Yu, S; Hummelgen, I, voA; Zhang, T; Ma, D. (2008). Hybrid permeable metal-base transistor with large common-emitter current gain and low operational voltage. J Nanosci Nanotechnol 8: 2037-2043. http://dx.doi.org/10.1166/jnn.2008.054.

Feng, J; Liu, Y; Li, F; Wang, Y; Liu, SY. (2003). Chromaticity-stable organic white light-emitting devices based on mixed pyridine-phenol boron complex. Optical and Quantum Electronics 35: 259-265.

Feng, J; Liu, Y; Li, F; Wang, Y; Liu, SY. (2003). Thickness dependent emission color of organic white light-emitting devices. Synthetic Metals 137: 1101-1102. http://dx.doi.org/10.1016/S0379-6779(02)01098-6.

Ferrante, V; Mugnai, C; Ferrari, L; Marelli, SP; Spagnoli, E; Lolli, S. (2016). Stress and reactivity in three Italian chicken breeds. Italian Journal of Animal Science 15: 303-309. http://dx.doi.org/10.1080/1828051X.2016.1185978.

Flynn, MR. (2007). Analysis of exposure biomarker relationships with the Johnson SBB distribution. Ann Occup Hyg 51: 533-541. http://dx.doi.org/10.1093/annhyg/mem033.

Forsythe, EW; Abkowitz, MA; Gao, YL; Tang, CW. (2000). Influence of copper phthalocynanine on the charge injection and growth modes for organic light emitting diodes. Journal of Vacuum Science and Technology A 18: 1869-1874.

Forsythe, EW; Choong, VE; Le, TQ; Gao, YL. (1999). Interface analysis of naphthyl-substituted benzidine derivative and tris-8-(hydroxyquinoline) aluminum using ultraviolet and x-ray photoemission spectroscopy. Journal of Vacuum Science and Technology A 17: 3429-3432.

Frasch, HF; Dotson, GS; Barbero, AM. (2011). In vitro human epidermal penetration of 1-bromopropane. J Toxicol Environ Health A 74: 1249-1260. http://dx.doi.org/10.1080/15287394.2011.595666.

Freitag, P; Reineke, S; Olthof, S; Furno, M; Luessem, B; Leo, K. (2010). White top-emitting organic light-emitting diodes with forward directed emission and high color quality. Organic Electronics 11: 1676-1682. http://dx.doi.org/10.1016/j.orgel.2010.07.017.

Fu, H, uiY; Sun, XY, u; Gao, X, inD; Xiao, F, ei; Shao, BX. (2009). Synthesis and characterization of benzothiazole derivatives for blue electroluminescent devices. Synthetic Metals 159: 254-259. http://dx.doi.org/10.1016/j.synthmet.2008.09.013.

Fu, H; Wu, H; Hou, X; Xiao, F, ei; Shao, B. (2007). Isophorone derivative as red dopant for organic electroluminescent devices. Curr Appl Phys 7: 697-701. http://dx.doi.org/10.1016/j.cap.2007.02.003.

Fu, H, uiY; Wu, HR; Hou, XY; Xiao, F, ei; Shao, BX. (2006). N-aryl carbazole derivatives for non-doped red OLEDs. Synthetic Metals 156: 809-814. http://dx.doi.org/10.1016/j.synthmet.2006.04.013.

Fu, H, uiY; Ye, XT; Zhong, G, aoyu; Zhong, Z, hiY; Xiao, F, ei. (2010). White organic light-emitting diodes based on benzothiazole derivative. Curr Appl Phys 10: 1326-1330. http://dx.doi.org/10.1016/j.cap.2010.04.002.

Fu, H; Zhan, Y; Xu, J; Hou, X; Xiao, F, ei. (2006). Red fluorescent materials based on naphthylamine for non-doping OLEDs. Optical Materials 29: 348-354. http://dx.doi.org/10.1016/j.optmat.2005.09.074.

Fueta, Y; Ishidao, T; Arashidani, K; Endo, Y; Hori, H. (2002). Hyperexcitability of the hippocampal CA1 and the dentate gyrus in rats subchronically exposed to a substitute for chlorofluorocarbons, 1-bromopropane vapor. J Occup Health 44: 156-165. http://dx.doi.org/10.1539/joh.44.156.

Fueta, Y; Ishidao, T; Kasai, T; Hori, H; Arashidani, K. (2000). Decreased paired-pulse inhibition in the dentate gyrus of the brain in rats exposed to 1-bromopropane vapor [Letter]. J Occup Health 42: 149-151. http://dx.doi.org/10.1539/joh.42.149.

Fukunaga, T; Umeno, H. (2010). Implementation and Evaluation of Improvement in Parallel Processing Performance on the Cluster Using Small-Scale SMP PCs. Electronics and Communications in Japan 93: 1-11. http://dx.doi.org/10.1002/ecj.10315.

Fulka, H; Martinkova, S; Kyogoku, H; Langerova, A; Fulka, J, Jr. (2012). Production of Giant Mouse Oocyte Nucleoli and Assessment of Their Protein Content. J Reprod Dev 58: 371-376.

Furimsky, E; Zheng, L; Boudreau, F; Kovacik, G. (1993). ENTRAINED BED GASIFICATION OF COAL - PREDICTION OF CONTAMINANT LEVELS USING THERMODYNAMIC CALCULATIONS. 46: 379-385.

Gao, CJ; Liu, L; Ma, W; Zhu, NZ; Jiang, L; Li, Y; Kannan, K. (2015). Benzonphenone-type UV filters in urine of Chinese young adults: Concentration, source and exposure. Environ Pollut 203: 1-6. http://dx.doi.org/10.1016/j.envpol.2015.03.036.

Gao, J; You, H; Qin, ZP; Fang, JF; Ma, DG; Zhu, XH; Huang, W. (2005). High efficiency polymer electrophosphorescent light-eimitting diodes. Semiconductor Science and Technology 20: 805-808. http://dx.doi.org/10.1088/0268-1242/20/8/029.

Gao, L; Yuan, T; Zhou, C; Cheng, P; Bai, Q; Ao, J; Wang, W; Zhang, H. (2013). Effects of four commonly used UV filters on the growth, cell viability and oxidative stress responses of the Tetrahymena thermophila. Chemosphere 93: 2507-2513. http://dx.doi.org/10.1016/j.chemosphere.2013.09.041.

Gao, WB; Sun, JX; Yang, KX; Liu, HY; Zhao, JH; Liu, SY. (2003). Improved performances of the organic light-emitting devices by doping in the mixed layer. Optical and Quantum Electronics 35: 1149-1155.

Gao, WB; Yang, KX; Liu, HY; Feng, J; Hou, JY; Liu, SY. (2003). Doping in mixed layer can improve the performances of organic light-emitting devices. Synthetic Metals 137: 1529-1530. http://dx.doi.org/10.1016/S0379-6779(02)01222-5.

Gao, Y, hui; Kang, Z, hijie; Tang, Q; Zhang, G; Wang, J, in; Bo, B, aoxue; Jiang, W, enL; Su, B, in. (2016). Improvement of OLEDs' performance with graphene doped in NPB as hole transport layer. Journal of Materials Science: Materials in Electronics 27: 5676-5679. http://dx.doi.org/10.1007/s10854-016-4477-6.

Gao, ZQ; Lee, CS; Bello, I; Lee, ST. (2000). White light electroluminescence from a hole-transporting layer of mixed organic materials. Synthetic Metals 111: 39-42.

Gao, ZQ; Lee, CS; Bello, I; Lee, ST; Wu, SK; Yan, ZL; Zhang, XH. (1999). Blue organic electroluminescence of 1,3,5-triaryl-2-pyrazoline. Synthetic Metals 105: 141-144.

Garde, A; Sornmo, L; Jane, R; Giraldo, BF. (2010). Correntropy-Based Spectral Characterization of Respiratory Patterns in Patients With Chronic Heart Failure. IEEE Trans Biomed Eng 57: 1964-1972. http://dx.doi.org/10.1109/TBME.2010.2044176.

Garde, A; Sörnmo, L; Jané, R; Giraldo, BF. (2010). Breathing pattern characterization in chronic heart failure patients using the respiratory flow signal. Ann Biomed Eng 38: 3572-3580. http://dx.doi.org/10.1007/s10439-010-0109-0.

Genc, TO; Yilmaz, F; Inanan, BE; Yorulmaz, B; Utuk, G. (2015). APPLICATION OF MULTI-METAL BIOACCUMULATION INDEX AND BIOAVAILABILITY OF HEAVY METALS IN Unio sp. (UNIONIDAE) COLLECTED FROM TERSAKAN RIVER, MUGLA, SOUTH-WEST TURKEY. Fresen Environ Bull 24: 208-215.

Ghatak, KP; Bhattacharya, S; Saikia, H; Baruah, D; Saikia, A; Singh, KM; Ali, A; Mitra, SN; Bose, PK; Sinha, A. (2006). The Debye screening length in ultrathin films of nonlinear optical, optoelectronic, and related materials: Simplified theory and suggestion for experimental determination. Journal of Computational and Theoretical Nanoscience 3: 727-751.

Gilhooly, WP, III; Carney, RS; Macko, SA. (2007). Relationships between sulfide-oxidizing bacterial mats and their carbon sources in northern Gulf of Mexico cold seeps. Organic Geochemistry 38: 380-393. http://dx.doi.org/10.1016/j.orggeochem.2006.06.005.

Goel, A; Kumar, V; Singh, SP; Sharma, A; Prakash, S; Singh, C; Anand, RS. (2012). Non-aggregating solvatochromic bipolar benzo[f]quinolines and benzo[a] acridines for organic electronics. J Mater Chem 22: 14880-14888. http://dx.doi.org/10.1039/c2jm31052j.

Gong, MS; Lee, HS; Jeon, YM, in. (2010). Highly efficient blue OLED based on 9-anthracene-spirobenzofluorene derivatives as host materials. J Mater Chem 20: 10735-10746. http://dx.doi.org/10.1039/c0jm00593b.

Gong, S; Zhao, Y; Yang, C; Zhong, C; Qin, J; Ma, D. (2010). Tuning the Photophysical Properties and Energy Levels by Linking Spacer and Topology between the Benzimidazole and Carbazole Units: Bipolar Host for Highly Efficient Phosphorescent OLEDs. J Phys Chem C 114: 5193-5198. http://dx.doi.org/10.1021/jp100034r.

Gorgun, S; Akpinar, MA, li. (2012). Purification and Characterization of Lipase from the Liver of Carp, Cyprinus carpio L. (1758), Living in Lake Todurge (Sivas, Turkiye). Turkish Journal of Fisheries and Aquatic Sciences 12: 207-215. http://dx.doi.org/10.4194/1303-2712-v12_2_03.

Gorley, PN; Vorobiev, YV; Makhniy, VP; Parfenyuk, O; Ilashchuk, M; Gonzalez-Hernandez, J; Horley, PP. (2003). Electric and photoelectric properties of semi-insulating crystals of CdTe : Pb. Mater Sci Eng B 99: 584-587.

Graul, F. (2012). Summary of data on workplace exposure to n-Propylbromide. Arlington, Va: Graul, F. http://ntp.niehs.nih.gov/ntp/roc/nominations/2012/publiccomm/graul_bp20120228.pdf.

Gu, J, uFen; Xie, G, uoHua; Zhang, L; Chen, S, huFen; Lin, ZQ; Zhang, ZS; Zhao, JF; Xie, LH, ai; Tang, C; Zhao, Y, i; Liu, S, hiY; Huang, W, ei. (2010). Dumbbell-Shaped Spirocyclic Aromatic Hydrocarbon to Control Intermolecular pi-pi Stacking Interaction for High-Performance Nondoped Deep-Blue Organic Light-Emitting Devices. Journal of Physical Chemistry Letters 1: 2849-2853. http://dx.doi.org/10.1021/jz101039d.

Guan, M, in; Chen, Z; Bian, Z; Liu, Z; Gong, Z; Baik, W; Lee, H; Huang, C. (2006). The host materials containing carbazole and oxadiazole fragment for red triplet emitter in organic light-emitting diodes. Organic Electronics 7: 330-336. http://dx.doi.org/10.1016/j.orgel.2006.04.006.

Guo, FW; Ma, DG. (2006). High efficiency white organic light-emitting diodes based on double recombination zones. Optical Materials 28: 966-969. http://dx.doi.org/10.1016/j.optmat.2005.05.006.

Guo, FW; Ma, DG; Wang, LX; Jing, XB; Wang, FS. (2005). High efficiency white organic light-emitting devices by effectively controlling exciton recombination region. Semiconductor Science and Technology 20: 310-313. http://dx.doi.org/10.1088/0268-1242/20/3/010.

Guo, J; Wu, C; Zhou, Z. (2016). [Advances in detection methods for 1-bromopropane and its metabolites]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 34: 62-65.

Gusev, AN; Shul'gin, VF; Nishimenko, G; Hasegawa, M; Linert, W. (2013). Photo- and electroluminescent properties europium complexes using bistriazole ligands. Synthetic Metals 164: 17-21. http://dx.doi.org/10.1016/j.synthmet.2012.12.020.

Gutiérrez-Millán, LE; Peregrino-Uriarte, AB; Sotelo-Mundo, R; Vargas-Albores, F; Yepiz-Plascencia, G. (2002). Sequence and conservation of a rRNA and tRNAVal mitochondrial gene fragment from Penaeus californiensis and comparison with Penaeus vannamei and Penaeus stylirostris. Mar Biotechnol 4: 392-398. http://dx.doi.org/10.1007/s10126-002-0008-y.

Guyton, KZ; Kyle, AD; Aubrecht, J; Cogliano, VJ; Eastmond, DA; Jackson, M; Keshava, N; Sandy, MS; Sonawane, B; Zhang, LP; Waters, MD; Smith, MT. (2009). Improving prediction of chemical carcinogenicity by considering multiple mechanisms and applying toxicogenomic approaches [Review]. Mutat Res Rev Mutat Res 681: 230-240. http://dx.doi.org/10.1016/j.mrrev.2008.10.001.

Han, IK; Kim, JH; Piao, XS; Bae, SH; Han, YK. (1998). Evaluation of Bio-V-Pro (R) as an alternative protein source in broiler diets. Asian-Australas J Anim Sci 11: 71-77.
Han, Q; Tian, X; Zhang, G; Yan, Y; Jiang, W; Xing, S. (2015). Doping Concentration of Fluorescent Dyes on the Properties of Yellow Organic Electroluminescent Devices. Nanoscience and Nanotechnology Letters 7: 661-664. http://dx.doi.org/10.1166/nnl.2015.2024.
Han, W, ei; Tian, X; Zhang, G; Yan, Y; Jiang, W; Lang, J; Xing, S. (2015). High Performance Yellow Green Organic Light-Emitting Devices Based on Ir(ppy)(3). Nanoscience and Nanotechnology Letters 7: 806-810. http://dx.doi.org/10.1166/nnl.2015.2034.
Hao, J; Deng, Z; Yang, S. (2006). Relationship between exciton recombination zone and applied voltage in organic light-emitting diodes. Displays 27: 108-111. http://dx.doi.org/10.1016/j.displa.2006.01.001.
Hao, Q; Zhao, D; Duan, H; Zhou, Q; Xu, C. (2015). Si/Ag composite with bimodal micro-nano porous structure as a high-performance anode for Li-ion batteries. Nanoscale 7: 5320-5327. http://dx.doi.org/10.1039/c4nr07384c.
Hao, Y; Meng, W; Xu, H; Wang, H, ua; Liu, X; Xu, B. (2011). White organic light-emitting diodes based on a novel Zn complex with high CRI combining emission from excitons and interface-formed electroplex. Organic Electronics 12: 136-142. http://dx.doi.org/10.1016/j.orgel.2010.10.019.
Haq, K, ul; Shan-Peng, L, iu; Khan, MA; Jiang, XY; Zhang, ZL; Cao, J, in; Zhu, WQ. (2009). Red organic light-emitting diodes with high efficiency, low driving voltage and saturated red color realized via two step energy transfer based on ADN and Alq(3) co-host system. Curr Appl Phys 9: 257-262. http://dx.doi.org/10.1016/j.cap.2008.02.005.
Haq, K, ul; Shan-peng, L; Khan, MA; Jiang, XY; Zhang, ZL; Zhu, WQ. (2008). Red organic light-emitting diodes based on wide band gap emitting material as the host utilizing two-step energy transfer. Semiconductor Science and Technology 23. http://dx.doi.org/10.1088/0268-1242/23/3/035024.
Hashemimajd, K; Jamaati-E-Somarin, S. (2011). CONTRIBUTION OF ORGANIC BULKING MATERIALS ON CHEMICAL QUALITY OF SEWAGE SLUDGE VERMICOMPOST. Ciencia e Agrotecnologia 35: 1077-1084.
Havare, AK; Can, M; Yagmurcukardes, N; Yigit, MZ; Aydin, H; Okur, S; Demic, S; Icli, S. (2016). Investigation of the Electrical Parameters of the Organic Diode Modified with 4-[(3-Methylphenyl)(phenyl)amino] Benzoic Acid. 5: P239-P244. http://dx.doi.org/10.1149/2.0131605jss.
He, J; Liu, H; Dai, Y; Ou, X; Wang, J; Tao, S; Zhang, X; Wang, P; Ma, D. (2009). Nonconjugated Carbazoles: A Series of Novel Host Materials for Highly Efficient Blue Electrophosphorescent OLEDs. J Phys Chem C 113: 6761-6767. http://dx.doi.org/10.1021/jp808801q.
He, L, in; Liu, J; Wu, Z; Wang, D; Liang, S; Zhang, X; Jiao, B, o; Wang, D; Hou, X, un. (2010). Solution-processed small molecule thin films and their light-emitting devices. Thin Solid Films 518: 3886-3890. http://dx.doi.org/10.1016/j.tsf.2009.11.002.
He, P. (2007). Growth behaviour and electronic properties of organic semiconductors on metal surfaces. International Journal of Nanotechnology 4: 100-109.
He, SJ; White, R; Wang, DK; Zhang, J; Jiang, N; Lu, ZH. (2014). A simple organic diode structure with strong rectifying characteristics. Organic Electronics 15: 3370-3374. http://dx.doi.org/10.1016/j.orgel.2014.09.018.
Hendricks, TJ; Karri, NK. (2009). Micro- and Nano-Technology: A Critical Design Key in Advanced Thermoelectric Cooling Systems. Journal of Electronic Materials 38: 1257-1267. http://dx.doi.org/10.1007/s11664-009-0709-3.
Hewson, I; Fuhrman, JA. (2006). Improved strategy for comparing microbial assemblage fingerprints. Microb Ecol 51: 147-153. http://dx.doi.org/10.1007/s00248-005-0144-9.
HM, S; HA, A-W; M, M. (2008). Gamma-aminobutyric acid, a potential tumor suppressor for small airway-derived lung adenocarcinoma. Carcinogenesis 29(10): 1979-1985. (Supported by the National Cancer Institute. Authors affiliated with. Carcinogenesis 29: 1979-1985. http://dx.doi.org/10.1093/carcin/bgn041.
Hoanh, TD; Im, YH; Kim, DE, un; Kwon, YS, oo; Lee, BJ. (2012). Synthesis and Electroluminescent Properties of Bis(3H-1,2,3-triazolo-[4,5-b]pyridine-3-ol)zinc Zn(TAP)(2). Journal of Nanomaterials. http://dx.doi.org/10.1155/2012/451306.
Hoanh, TD, ac; Kim, I, kH; Kim, DE, un; Shin, HK, yu; Kwon, YS, oo; Chang, SM, ok; Lee, BJ. (2014). Synthesis and Electroluminescent Properties of a Novel Electroluminescence Material of Bis-2-(4-(diphenylphosphino)phenyl)benzo[d]oxazole (DPB). J Nanosci Nanotechnol 14: 5889-5893. http://dx.doi.org/10.1166/jnn.2014.8413.
Hongmei, Z; Jianjian, X; Wenjin, Z; Wei, H. (2014). Effect of PEDOT:PSS vs. MoO3 as the hole injection layer on performance of C545T-based green electroluminescent light-emitting diodes. Displays 35: 171-175. http://dx.doi.org/10.1016/j.displa.2014.04.004.
Horn, HG; Kolkmann, F; Janke, N. (1981). BY-PRODUCTS OF THE SYNTHESIS OF 3,3,3-TRIFLUORINE-1-BROMOPROPANE. Chemiker-Zeitung 105: 123-123.
Hsia, AP; Wen, TJ; Chen, HD; Liu, Z; Yandeau-Nelson, MD; Wei, Y; Guo, L; Schnable, PS. (2005). Temperature gradient capillary electrophoresis (TGCE)--a tool for the high-throughput discovery and mapping of SNPs and IDPs. Theor Appl Genet 111: 218-225. http://dx.doi.org/10.1007/s00122-005-1997-5.
Hsu, CM; Liu, CF; Cheng, HE; Wu, WT. (2006). Low-temperature nickel-doped indium tin oxide anode for flexible organic light-emitting devices. Journal of Electronic Materials 35: 383-387.
Hu, J; Zhang, G; Shih, HH; Sun, P; Cheng, CH. (2008). Synthesis and luminescent properties of Ir complexes with fluorine substituted phenylpyridine derivative ligands. Synthetic Metals 158: 912-916. http://dx.doi.org/10.1016/j.synthmet.2008.06.012.
Hu, YM; Li, RH; He, Y; Zhang, XQ; Li, MQ; Zhu, Y; Yi, JH; Fu, RC, h. (2014). Molecular beam deposition and polymerization of parylene-N ultrathin films: Effective buffers in organic light emitting diodes. Appl Surf Sci 314: 1070-1073. http://dx.doi.org/10.1016/j.apsusc.2014.06.036.
Hu, YX, u; Zhao, GW, ei; Dong, Y, an; Lu, Y, anLi; Li, X; Zhang, DY, u. (2017). New rhenium(I) complex with thiadiazole-annelated 1,10-phenanthroline for highly efficient phosphorescent OLEDs. Dyes and Pigments 137: 569-575. http://dx.doi.org/10.1016/j.dyepig.2016.10.048.
Hua, J, ie; Sun, D; Wang, Y, u; Gao, D, i; Wang, J, in; Jiang, W, enL; Ouyang, X, inHua; Zeng, H, eP. (2014). Efficient and Good Color Quality Single-Emitting-Layer Fluorescent White Organic Light-Emitting Diode Employing a Novel 8-Hydroxyquinoline Derivative as Yellow Emissive Component. Nanoscience and Nanotechnology Letters 6: 1040-1045. http://dx.doi.org/10.1166/nnl.2014.1921.
Huang, CJ; Chen, K, anLin; Chou, D, eiWei; Lee, Y, uC; Kang, CC. (2014). Enhancing Color Purity and Stable Efficiency of White Organic Light Diodes by Using Hole-Blocking Layer. Journal of Nanomaterials. http://dx.doi.org/10.1155/2014/915894.

Huang, D, a; Tan, Y; Sun, Y; Zheng, C; Wang, Z. (2015). Quantum chemical calculation study on terphenyl arylamines hole transport materials. Society for Information Display Journal 23: 182-185. http://dx.doi.org/10.1002/jsid.320.
Huang, H; Wang, Y; Zhuang, S; Yang, X; Wang, L, ei; Yang, C. (2012). Simple Phenanthroimidazole/Carbazole Hybrid Bipolar Host Materials for Highly Efficient Green and Yellow Phosphorescent Organic Light-Emitting Diodes. J Phys Chem C 116: 19458-19466. http://dx.doi.org/10.1021/jp305764b.
Huang, HH; Chu, SY; Kao, P, oC; Chen, YC. (2008). High efficiency white organic light emitting diodes using Rubrene doped N,N '-bis-(1-naphthyl)-N,N '-diphenyl-1,1 '-biphenyl-4,4 '-diamine as an emitting layer. Thin Solid Films 516: 5669-5672. http://dx.doi.org/10.1016/j.tsf.2007.07.082.
Huang, HH; Chu, SY; Kao, PC; Chen, YC. (2008). Improvement of highly efficient organic light-emitting diodes using Mg-doped ZnO buffer layers. Thin Solid Films 516: 5664-5668. http://dx.doi.org/10.1016/j.tsf.2007.07.081.
Huang, HH; Chu, SY; Kao, PC; Chen, YC; Yang, MR; Tseng, ZL. (2009). Enhancement of hole-injection and power efficiency of organic light emitting devices using an ultra-thin ZnO buffer layer. J Alloy Comp 479: 520-524. http://dx.doi.org/10.1016/j.jallcom.2008.12.122.
Huang, J, inZ; Xu, Z; Zhao, S, uL; Zhang, F, uJun; Wang, Y. (2007). Luminescence properties of type-II quantum well light-emitting diodes formed with NPB and Alq(3). Appl Surf Sci 253: 4542-4545. http://dx.doi.org/10.1016/j.apsusc.2006.10.005.
Huang, J; Yi, M; Hummelgen, I, voA; Ma, D. (2009). Ambipolar permeable metal-base transistor based on NPB/C-60 heterojunction. Organic Electronics 10: 210-213. http://dx.doi.org/10.1016/j.orgel.2008.10.019.
Huang, MC; Chao, JS. (2001). Regulatory sequences in the 5 ' flanking region of goat beta-casein gene. Asian-Australas J Anim Sci 14: 1628-1633.
Huang, W, enC; Chen, CC. (2011). Electrical characteristics and inhomogeneous barrier analysis of Al/NPB/p-Si Schottky diodes. Microelectron Eng 88: 287-292. http://dx.doi.org/10.1016/j.mee.2010.11.023.
Huang, W, enC; Horng, CT; Cheng, J, inC; Chen, CC. (2011). The current-voltage-temperature characteristics of Al/NPB/p-Si contact. Microelectron Eng 88: 597-600. http://dx.doi.org/10.1016/j.mee.2010.06.021.
Huang, YJ; Huang, CW; Lin, TH; Lin, CT; Chen, LG; Hsiao, PY; Wu, BR; Hsueh, HT; Kuo, BJ; Tsai, HH; Liao, HH; Juang, YZ; Wang, CK; Lu, SS. (2013). A CMOS cantilever-based label-free DNA SoC with improved sensitivity for hepatitis B virus detection. I E E E Transactions on Biomedical Circuits and Systems 7: 820-831. http://dx.doi.org/10.1109/TBCAS.2013.2247761.
Huang, ZH; Zeng, XT; Kang, ET; Fuh, JYH; Lu, L; Sun, XY. (2006). Electrochemical treatment of ITO surface for performance improvement of organic light-emitting diode. Electrochemical and Solid-State Letters 9: H39-H42. http://dx.doi.org/10.1149/1.2191008.
Huang, ZH; Zeng, XT; Sun, XY; Kang, ET; Fuh, JYH; Lu, L. (2008). Influence of plasma treatment of ITO surface on the growth and properties of hole transport layer and the device performance of OLEDs. Organic Electronics 9: 51-62. http://dx.doi.org/10.1016/j.orgel.2007.08.002.
Huang, ZH; Zeng, XT; Sun, XY; Kang, ET; Fuh, JYH; Lu, L. (2009). Influence of electrochemical treatment of ITO surface on nucleation and growth of OLED hole transport layer. Thin Solid Films 517: 4810-4813. http://dx.doi.org/10.1016/j.tsf.2009.03.020.
Hughes, MA; Wood, J; Rosenberg, E. (2008). Polymer structure and metal ion selectivity in silica polyamine composites modified with sodium chloroacetate and nitriloacetic acid (NTA) anhydride. Ind Eng Chem Res 47: 6765-6774. http://dx.doi.org/10.1021/ie800359k.
Huh, D, alHo; Kim, GW, oo; Kim, GH; Kulshreshtha, C; Kwon, JH. (2013). High hole mobility hole transport material for organic light-emitting devices. Synthetic Metals 180: 79-84. http://dx.doi.org/10.1016/j.synthmet.2013.07.021.
Hui, L; Junsheng, Y; Nana, W; Chunhua, H; Yadong, J. (2008). Flexible organic light-emitting diodes with improved performance by insertion of an UV-sensitive layer. Journal of Vacuum Science and Technology Part B Microelectronics and Nanometer Structures 26: 1379-1381. http://dx.doi.org/10.1116/1.2953729.
Huixia, X; Yan, Y; Litao, Q; Yuying, H; Hua, W; Liuqing, C; Bingshe, X. (2013). Synthesis and characterization of blue-to-green electrophosphorescence emitter based on pyrazole iridium complexes. Dyes and Pigments 99: 67-73. http://dx.doi.org/10.1016/j.dyepig.2013.04.022.
Hwang, EJ; Kim, YE; Lee, CJ; Park, JW. (2006). Synthesis and luminescent properties of pentacene derivatives having a chromophore. Thin Solid Films 499: 185-191. http://dx.doi.org/10.1016/j.tsf.2005.07.018.
Hyman, J; Leifer, Z; Rosenkranz, HS. (1980). THE E.COLI POL A1- ASSAY. A QUANTITATIVE PROCEDURE FOR DIFFUSIBLE AND NON-DIFFUSIBLE CHEMICALS (pp. 107-111). (ISSN 0027-5107; EISSN 1873-135X; EMICBACK/34544). Hyman, J; Leifer, Z; Rosenkranz, HS.
IARC. (1994). Propylene oxide. In Some Industrial Chemicals. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, vol. 60. 181-213.
IARC (International Agency for Research on Cancer). (2000). Glycidol In Some Industrial Chemicals in IARC Monographs on the Evaluation of Carcinogenic Risks to Humans. Vol. 77, 469-486. Lyon, France. http://monographs.iarc.fr/ENG/Monographs/vol77/mono77-19.pdf.
Ichihara, G. (2005). Neuro-reproductive toxicities of 1-bromopropane and 2-bromopropane [Review]. Int Arch Occup Environ Health 78: 79-96. http://dx.doi.org/10.1007/s00420-004-0547-9.
Ichihara, G; Li, W; Shibata, E; Ding, X; Wang, H; Li, J; Huang, F; Peng, S; Gu, B; Ichihara, S; Takeuchi, Y. (2006). Exposure to 1-bromopropane adversely affects vibration sense and nerve conduction velocity of lower limbs and central nervous system in workers [Abstract]. Clin Toxicol 44: 668.
Ichihara, G; Li, W; Shibata, E; Ding, X; Wang, H; Liang, Y; Peng, S; Itohara, S; Kamijima, M; Fan, Q; Zhang, Y; Zhong, E; Wu, X; Valentine, WM; Takeuchi, Y. (2004). Neurologic abnormalities in workers of a 1-bromopropane factory. Environ Health Perspect 112: 1319-1325. http://dx.doi.org/10.1289/ehp.6995.
Ikehata, T; Shioya, K; Sato, NY; Yukimura, K. (2004). Positive pulse bias method for a high-throughput PBII processing system. Surf Coating Tech 186: 209-213. http://dx.doi.org/10.1016/j.surfcoat.2004.04.028.
Ise, K; Ishikawa, K; Li, CY; Ye, CR. (2002). Inheritance of resistance to rice stripe virus in rice line 'BL 1'. Euphytica 127: 185-191.
Ishidao, T; Fueta, Y; Ueno, S; Yoshida, Y; Hori, H. (2016). A cross-fostering analysis of bromine ion concentration in rats that inhaled 1-bromopropane vapor. J Occup Health 58: 241-246. http://dx.doi.org/10.1539/joh.15-0284-OA.
Ishihara, S; Hase, H; Okachi, T; Naito, H. (2011). Determination of charge carrier mobility in tris(8-hydroxy-quinolinato) aluminum by means of impedance spectroscopy measurements. Organic Electronics 12: 1364-1369. http://dx.doi.org/10.1016/j.orgel.2011.05.004.

Islam, A; Murugan, P; Hwang, KC; Cheng, CH. (2003). Blue light-emitting devices based on 1,8-acridinedione derivatives. Synthetic Metals 139: 347-353. http://dx.doi.org/10.1016/S0379-6779(03)00188-7.
Jackson, VR; Lin, SH; Wang, Z; Nothacker, HP; Civelli, O. (2006). A study of the rat neuropeptide B/neuropeptide W system using in situ techniques. J Comp Neurol 497: 367-383. http://dx.doi.org/10.1002/cne.20989.
Jaeger, L; Schmidt, TD; Bruetting, W. (2016). Manipulation and control of the interfacial polarization in organic light-emitting diodes by dipolar doping. 6. http://dx.doi.org/10.1063/1.4963796.
Jain, RB. (2015). Levels of selected urinary metabolites of volatile organic compounds among children aged 6-11 years. Environ Res 142: 461-470. http://dx.doi.org/10.1016/j.envres.2015.07.023.
Jang, J, iG; Ji, HJ, in. (2012). Blue Phosphorescent Organic Light-Emitting Devices with the Emissive Layer of mCP:FCNIr(pic). Advances in Materials Science and Engineering. http://dx.doi.org/10.1155/2012/192731.
Jang, J, iG; Kim, W, onKi. (2010). High-efficiency red-phosphorescent organic light-emitting diode with the organic structure of 2-TNATA/Bebq(2):SFC-411/SFC-137. Society for Information Display Journal 18: 92-96. http://dx.doi.org/10.1889/JSID18.1.92.
Jang, J, inN; Song, BC; Lee, DH; Yoo, S, ukJae; Lee, B; Hong, M. (2011). Effects of neutral particle beam on nano-crystalline silicon thin films, with application to thin film transistor backplane for flexible active matrix organic light emitting diodes. Thin Solid Films 519: 6667-6672. http://dx.doi.org/10.1016/j.tsf.2011.04.135.
Jang, YK, i; Kim, DE, un; Kim, W, onSam; Kim, BS; Kwon, O, hK; Lee, BJ; Kwon, YS, oo. (2007). White OLEDs based on novel emissive materials such as Zn(HPB)(2) and Zn(HPB)q. Thin Solid Films 515: 5075-5078. http://dx.doi.org/10.1016/j.tsf.2006.10.098.
Jankus, V; Winscom, C; Monkman, AP. (2011). Critical Role of Triplet Exciton Interface Trap States in Bilayer Films of NPB and Ir(piq)(3). Adv Funct Mater 21: 2522-2526. http://dx.doi.org/10.1002/adfm.201002262.
Janzen, N; Banzhaf, S; Scheytt, T; Bester, K. (2009). Vertical flow soil filter for the elimination of micro pollutants from storm and waste water. Chemosphere 77: 1358-1365. http://dx.doi.org/10.1016/j.chemosphere.2009.09.024.
Jaroenram, W; Chaivisuthangkura, P; Owens, L. (2015). One base pair deletion and high rate of evolution: Keys to viral accommodation of Australian Penaeus stylirostris densovirus. Aquaculture 443: 40-48. http://dx.doi.org/10.1016/j.aquaculture.2015.03.003.
Jena, B; Manoharan, SS; Prakash, S. (2009). Specificity and Selectivity in Photoluminescent Properties of pi-Conjugated Benzheterazole Molecules. J Phys Chem C 113: 20942-20948. http://dx.doi.org/10.1021/jp907722g.
Jeon, T; Geffroy, B; Tondelier, D; Bonnassieux, Y; Forget, S; Chenais, S; Ishow, E. (2013). White organic light-emitting diodes with an ultra-thin premixed emitting layer. Thin Solid Films 542: 263-269. http://dx.doi.org/10.1016/j.tsf.2013.06.054.
Jeon, W, ooSik; Park, T, aeJin; Kim, KH; Pode, R; Jang, J, in; Kwon, JH. (2010). High efficiency red phosphorescent organic light-emitting diodes with single layer structure. Organic Electronics 11: 179-183. http://dx.doi.org/10.1016/j.orgel.2009.10.010.
Jeon, YM, in; Lee, I, nHo; Lee, HS; Gong, MS. (2011). Orange phosphorescent organic light-emitting diodes based on spirobenzofluorene type carbazole derivatives as a host material. Dyes and Pigments 89: 29-36. http://dx.doi.org/10.1016/j.dyepig.2010.08.015.
Jeon, YM, in; Lee, J, unY; Kim, JW, oo; Lee, CW, on; Gong, MS. (2010). Deep-blue OLEDs using novel efficient spiro-type dopant materials. Organic Electronics 11: 1844-1852. http://dx.doi.org/10.1016/j.orgel.2010.08.007.
Jeong, CH; Lim, JT; Kim, MS; Lee, JH; Bae, JW; Yeom, GY. (2007). Four-wavelength white organic light-emitting diodes using 4,4 '-bis-[carbazoyl-(9)]-stilbene as a deep blue emissive layer. Organic Electronics 8: 683-689. http://dx.doi.org/10.1016/j.orgel.2007.05.005.
Jeong, D; Lim, C; Kim, M; Jeong, K; Kim, J, aeHun; Kim, J; Park, J, inGoo; Min, KS, ik; Lee, J. (2017). Self-assembled monolayer modified MoO3/Au/MoO3 multilayer anodes for high performance OLEDs. Electronic Materials Letters 13: 16-24. http://dx.doi.org/10.1007/s13391-017-6381-5.
Jeong, H, aeJin; Ha, JH; Park, J, aeY; Kim, JH; Kang, N, amS; Kim, S; Kim, J, aeS; Du Yoo, Y; Yih, W, onHo. (2006). Distribution of the heterotrophic dinoflagellate Pfiesteria piscicida in Korean waters and its consumption of mixotrophic dinoflagellates, raphidophytes and fish blood cells. Aquatic Microbial Ecology 44: 263-278.
Jha, JK; Sun, W, ei; Santos-Ortiz, R; Du, J; Shepherd, ND. (2016). Electro-optical performance of molybdenum oxide modified aluminum doped zinc oxide anodes in organic light emitting diodes: A comparison to indium tin oxide. 6: 289-294. http://dx.doi.org/10.1166/mex.2016.1308.
Ji, Z; Miao, R; Zhu, B. (2015). [Latest research progress in biological exposure limits of 1-bromopropane]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 398-400.
Jia, WL; Feng, XD; Bai, DR; Lu, ZH; Wang, SN; Vamvounis, G. (2005). MeS2B(p-4,4 '-biphenyl-NPh(1-naphthyl)): A multifunctional molecule for electroluminescent devices. Chem Mater 17: 164-170. http://dx.doi.org/10.1021/cm048617t.
Jia, WL; Moran, MJ; Yuan, YY; Lu, ZH; Wang, SN. (2005). (1-Naphthyl)phenylamino functionalized three-coordinate organoboron compounds: syntheses, structures, and applications in OLEDs. J Mater Chem 15: 3326-3333. http://dx.doi.org/10.1039/b506840a.
Jia, Y; Duan, L; Zhang, D; Qiao, J; Dong, G; Wang, L; Qiu, Y. (2013). Low-Temperature Evaporable Re2O7: An Efficient p-Dopant for OLEDs. J Phys Chem C 117: 13763-13769. http://dx.doi.org/10.1021/jp400003m.
Jiang, MD, an; Lee, P, eiYu; Chiu, TL; Lin, HC; Lee, JH, aw. (2011). Optimizing hole-injection in organic electroluminescent devices by modifying CuPc/NPB interface. Synthetic Metals 161: 1828-1831. http://dx.doi.org/10.1016/j.synthmet.2011.06.010.
Jiang, S; Wang, J; Liu, D, an; Chen, L; Zhang, X; Xu, F, an; Sun, S; Jiang, H, ui; Ding, G; Wang, T; Bai, L; Zhang, F; Xu, Z. (2016). Mapping and candidate gene analysis for a new top spikelet abortion mutant in rice. Plant Breeding (Print) 135: 155-165. http://dx.doi.org/10.1111/pbr.12342.
Jiang, WL; Duan, Y; Zhao, Y; Hou, JY; Liu, SY. (2005). A novel efficient blue organic light emitting structure. Materials Science Forum 475-479: 3677-3679.
Jiang, X, ueYin; Zhang, Z, hiLin; Cao, J, in; Zhu, W, enQ. (2008). High stability and low driving voltage green organic light emitting diode with molybdenum oxide as buffer layer. Solid-State Electronics 52: 952-956. http://dx.doi.org/10.1016/j.sse.2008.01.017.
Jiang, X, ueYin; Zhang, Z, hiLin; Zhu, W, enQ; Xu, SH. (2006). Highly efficient and stable white organic light emitting diode with triply doped structure. Displays 27: 161-165. http://dx.doi.org/10.1016/j.displa.2006.05.002.
Jiang, XY; Zhang, ZL; Zhang, BX; Zhu, WQ; Xu, SH. (2002). Stable and current independent white-emitting organic diode. Synthetic Metals 129: 9-13.

Jiang, XY; Zhang, ZL; Zheng, XY; Wu, YZ; Xu, SH. (2001). A blue organic emitting diode from anthracene derivative. Thin Solid Films 401: 251-254.
Jiang, Z; Liu, Z; Yang, C; Zhong, C; Qin, J; Yu, G, ui; Liu, Y. (2009). Multifunctional Fluorene-Based Oligomers with Novel Spiro-Annulated Triarylamine: Efficient, Stable Deep-Blue Electroluminescence, Good Hole Injection, and Transporting Materials with Very High T-g. Adv Funct Mater 19: 3987-3995. http://dx.doi.org/10.1002/adfm.200901534.
Jiang, Z; Xu, X; Zhang, Z; Yang, C; Liu, Z; Tao, Y; Qin, J; Ma, D. (2009). Diarylmethylene-bridged 4,4 '-(bis(9-carbazolyl))biphenyl: morphological stable host material for highly efficient electrophosphorescence. J Mater Chem 19: 7661-7665. http://dx.doi.org/10.1039/b910247g.
Jiang, Z; Ye, T; Yang, C; Yang, D; Zhu, M; Zhong, C; Qin, J; Ma, D. (2011). Star-Shaped Oligotriarylamines with Planarized Triphenylamine Core: Solution-Processable, High-T-g Hole-Injecting and Hole-Transporting Materials for Organic Light-Emitting Devices. Chem Mater 23: 771-777. http://dx.doi.org/10.1021/cm1018585.
Jianwei, L; Junxin, L; Lin, L. (2008). Performance of two biofilters with neutral and low pH treating off-gases. J Environ Sci 20: 1409-1414.
Jiao, B, o; Wu, Z; Yang, Z; Hou, X, un. (2013). Tandem organic light-emitting diodes with an effective nondoped charge-generation unit. Physica Status Solidi A: Applications and Materials Science (Print) 210: 2583-2587. http://dx.doi.org/10.1002/pssa.201330119.
Jiménez-Díaz, I; Artacho-Cordón, F; Vela-Soria, F; Belhassen, H; Arrebola, JP; Fernández, MF; Ghali, R; Hedhili, A; Olea, N. (2016). Urinary levels of bisphenol A, benzophenones and parabens in Tunisian women: A pilot study. Sci Total Environ 562: 81-88. http://dx.doi.org/10.1016/j.scitotenv.2016.03.203.
Jin, F; Chu, B, ei; Li, W; Su, Z; Zhao, B, o; Zhang, T; Yan, X; Gao, Y; Wu, H; Lee, CS; Zhu, J; Pi, H; Wang, J. (2013). The influence of donor material on achieving high photovoltaic response for organic bulk heterojunction cells with small ratio donor component. Organic Electronics 14: 1130-1135. http://dx.doi.org/10.1016/j.orgel.2013.01.026.
JL, W. (2012). Establishing the carcinogenic risk of immunomodulatory drugs. Toxicol Pathol 40(2): 267-271. (Support not reported. Author affiliated with U.S. Toxicol Pathol 40: 267-271. http://dx.doi.org/10.1177/0192623311427711.
Johnson, CW; Williams, WC; Copeland, CB; Devito, MJ; Smialowicz, RJ. (2000). Sensitivity of the SRBC PFC assay versus ELISA for detection of immunosuppression by TCDD and TCDD-like congeners. Toxicology 156: 1-11.
Joo, CW; Jeon, SO, k; Yook, KS, oo; Lee, J, unY. (2010). Red phosphorescent organic light-emitting diodes with indium tin oxide/single organic layer/Al simple device structure. Organic Electronics 11: 36-40. http://dx.doi.org/10.1016/j.orgel.2009.09.019.
Juang, F, uhS; Ji, LW, en; Tsai, Y, uS; Tseng, CC; Meen, TH. (2007). Effects of nitridation time on top-emission inverted organic light-emitting diodes. J Cryst Growth 305: 109-112. http://dx.doi.org/10.1016/j.jcrysgro.2007.03.049.
Jung, BJ; Lee, JI; Chu, HY; Do, LM; Lee, J; Shim, HK. (2005). A new family of bis-DCM based dopants for red OLEDs. J Mater Chem 15: 2470-2475. http://dx.doi.org/10.1039/b419408j.
Jung, K; Park, S; Lee, Y; Youn, Y; Shin, H, aeIn; Kim, H, anKi; Lee, H; Yi, Y. (2016). Energy level alignments at the interface of N,N '-bis-(1-naphthyl)-N,N '-diphenyl-1,1 '-biphenyl-4,4 '-diamine (NPB)/Ag-doped In2O3 and NPB/Sn-doped In2O3. Appl Surf Sci 387: 625-630. http://dx.doi.org/10.1016/j.apsusc.2016.06.157.
Kaczmarek, KA; Haase, SJ. (2003). Pattern identification and perceived stimulus quality as a function of stimulation waveform on a fingertip-scanned electrotactile display. IEEE Trans Neural Syst Rehabil Eng 11: 9-16. http://dx.doi.org/10.1109/TNSRE.2003.810421.
Kadekar, S; Peddada, S; Silins, I; French, JE; Högberg, J; Stenius, U. (2012). Gender differences in chemical carcinogenesis in National Toxicology Program 2-year bioassays. Toxicol Pathol 40: 1160-1168. http://dx.doi.org/10.1177/0192623312446527.
Kan, Y; Wang, LD; Gao, YD; Duan, L; Wu, GS; Qiu, Y. (2004). Highly efficient blue electroluminescence based on a new anthracene derivative. Synthetic Metals 141: 245-249. http://dx.doi.org/10.1016/S0379-6779(03)00406-5.
Kaneko, T; Kim, HY; Wang, PY; Sato, A. (1997). Partition coefficients and hepatic metabolism in vitro of 1- and 2-bromopropanes. J Occup Health 39: 341-342. http://dx.doi.org/10.1539/joh.39.341.
Kanemitsu, M; Fueta, Y; Ishidao, T; Aou, S; Hori, H. (2016). Development of a direct exposure system for studying the mechanisms of central neurotoxicity caused by volatile organic compounds. Ind Health 54: 42-49. http://dx.doi.org/10.2486/indhealth.2015-0076.
Kang, E; Kim, K; Kim, DE, un; Shin, HK, yu; Lee, BJ. (2014). Synthesis and Organic Light-Emitting Diode Properties of Isomeric (Benzo[d]thiazol-2-yl)phenyldiphenylphosphine Oxides. 6: 2298-2303. http://dx.doi.org/10.1166/sam.2014.2196.
Kang, HS; Ko, A; Kwon, JE; Kyung, MS; Moon, GI; Park, JH; Lee, HS; Suh, JH; Lee, JM; Hwang, MS; Kim, K; Hong, JH; Hwang, IG. (2016). Urinary benzophenone concentrations and their association with demographic factors in a South Korean population. Environ Res 149: 1-7. http://dx.doi.org/10.1016/j.envres.2016.04.036.
Kang, S; Lee, H; Kim, B; Park, Y; Park, J. (2016). Synthesis and Property of New Propeller Shaped Emitting Materials for Organic Light-Emitting Devices. J Nanosci Nanotechnol 16: 3102-3105. http://dx.doi.org/10.1166/jnn.2016.11055.
Kanno, H; Hamada, Y; Takahashi, H. (2004). Development of OLED with high stability and luminance efficiency by co-doping methods for full color displays. I E E E Journal on Selected Topics in Quantum Electronics 10: 30-36. http://dx.doi.org/10.1109/JSTQE.2004.824076.
Kao, P, oC; Chu, SY; Chen, CH; Huang, HH; Yang, CH; Sun, IW, en. (2006). White and red organic light-emitting diodes using a phosphorescent iridium complex as a red dopant. J Electrochem Soc 153: H228-H231. http://dx.doi.org/10.1149/1.2358930.
Kao, P, oC; Lu, CW, en; Lin, J, ieHan; Lin, Y, ehKai. (2014). Lithium hydroxide doped tris(8-hydroxyquinoline) aluminum as an effective interfacial layer in inverted bottom-emission organic light-emitting diodes. Thin Solid Films 570: 510-515. http://dx.doi.org/10.1016/j.tsf.2014.05.025.
Kao, PC; Chu, SY; Chen, TY; Zhan, CY; Hong, FC; Chang, CY; Hsu, LC; Liao, WC; Hon, MH. (2005). Fabrication of large-scaled organic light emitting devices on the flexible substrates using low-pressure imprinting lithography. I E E E Transactions on Electron Devices 52: 1722-1726. http://dx.doi.org/10.1109/TED.2005.851811.
Kao, PC; Chu, SY; Liu, SJ; You, ZX; Chuang, CA. (2006). Improved performance of organic light-emitting diodes using a metal-phthalocyanine hole-injection layer. J Electrochem Soc 153: H122-H126. http://dx.doi.org/10.1149/1.2189267.
Kao, PC; Chu, SY; You, ZX; Liou, SJ; Chuang, CA. (2006). Improved efficiency of organic light-emitting diodes using CoPc buffer layer. Thin Solid Films 498: 249-253. http://dx.doi.org/10.1016/j.tsf.2005.07.120.
Kathirgamanathan, P; Surendrakumar, S; Vanga, RR; Ravichandran, S; Antipan-Lara, J; Ganeshamurugan, S; Kumaraverl, M; Paramaswara, G; Arkley, V. (2011). Arylvinylene phenanthroline derivatives for electron transport in blue organic light emitting diodes. Organic Electronics 12: 666-676. http://dx.doi.org/10.1016/j.orgel.2010.12.025.

Kato, Y; Kamoshita, A; Yamagishi, J. (2006). Growth of three rice cultivars (Oryza sativa L.) under upland conditions with different levels of water supply 2. Grain yield. Plant Production Science 9: 435-445.
Kato, Y; Kamoshita, A; Yamagishi, J; Abe, J, un. (2006). Growth of three rice (Oryza sativa L.) cultivars under upland conditions with different levels of water supply 1. Nitrogen content and dry matter production. Plant Production Science 9: 422-434.
Kato, Y; Kamoshita, A; Yamagishi, J; Imoto, H; Abe, J, un. (2007). Growth of rice (Oryza sativa L.) cultivars under upland conditions with different levels of water supply 3. Root system development, soil moisture change and plant water status. Plant Production Science 10: 3-13.
Kay, KY; Cho, SY; Park, HC; Park, JW. (2003). Synthesis and electroluminescent properties of bipyridine derivatives. Synthetic Metals 137: 1045-1046. http://dx.doi.org/10.1016/S0379-6779(02)00897-4.
Khan, MA; Xu, W, ei; Khizar-Ul-Haq; Bai, Y, u; Jiang, XY; Zhang, ZL; Zhu, WQ. (2008). Influence of p-doping hole transport layer on the performance of organic light-emitting devices. Semiconductor Science and Technology 23. http://dx.doi.org/10.1088/0268-1242/23/5/055014.
Khantham, S; Tunhoo, B; Onlaor, K; Thiwawong, T; Nukeaw, J. (2012). Electrical properties of dye-doped colour tunable organic light emitting diode. Can J Chem Eng 90: 903-908. http://dx.doi.org/10.1002/cjce.21658.
Kim, B; Kwon, B; Jang, S; Kim, PG; Ji, K. (2016). Major benzophenone concentrations and influence of food consumption among the general population in Korea, and the association with oxidative stress biomarker. Sci Total Environ 565: 649-655. http://dx.doi.org/10.1016/j.scitotenv.2016.05.009.
Kim, B; Lee, J; Park, Y; Lee, C; Park, JW. (2014). Highly efficient new hole injection materials for organic light emitting diodes base on phenothiazine derivatives. J Nanosci Nanotechnol 14: 6404-6408. http://dx.doi.org/10.1166/jnn.2014.8456.
Kim, B, oY; Lee, SJ, ae; Koo, J, aR; Lee, SE, un; Lee, K, umHee; Yoon, SS, oo; Kim, YK. (2013). Effect of electron transport layer engineering based on blue phosphorescent organic light-emitting diodes. Displays 34: 396-398. http://dx.doi.org/10.1016/j.displa.2013.08.003.
Kim, B; Park, Y; Park, J. (2014). White Organic Light-Emitting Diodes with Single Active Layer Using a Solution Process Based on a Co-Host Emitter System. J Nanosci Nanotechnol 14: 8449-8452. http://dx.doi.org/10.1166/jnn.2014.9913.
Kim, B; Park, Y; Shin, H; Lee, J; Park, J. (2011). A Study on Single-Layered White Organic Light-Emitting Diodes Based on Co-Host System Using Solution Process. J Nanosci Nanotechnol 11: 7508-7511. http://dx.doi.org/10.1166/jnn.2011.4842.
Kim, BS, oo; Kim, T, aeMin; Choi, M, inSoo; Shim, HS, ub; Kim, JJ, oo. (2015). Fully vacuum-processed perovskite solar cells with high open circuit voltage using MoO3/NPB as hole extraction layers. Organic Electronics 17: 102-106. http://dx.doi.org/10.1016/j.orgel.2014.12.002.
Kim, C; Yoon, JY; Lee, S; Lee, H; Kim, YK; Yoon, S. (2015). Various Blue Emitting Materials Based on Pyrene Derivatives for Organic Light-Emitting Diodes. J Nanosci Nanotechnol 15: 5246-5249. http://dx.doi.org/10.1166/jnn.2015.10398.
Kim, CK; Noh, IH; Lee, TS; Lee, BW; Hong, C; Moon, DG. (2010). Efficient white organic light-emitting diodes based on a balanced split of the exciton-recombination zone using a graded mixed layer as an electron-blocking layer. Society for Information Display Journal 18: 97-102. http://dx.doi.org/10.1889/JSID18.1.97.
Kim, DE, un; Kim, W, onSam; Kim, BS; Lee, BJ; Kwon, YS, oo. (2008). Improvement of color purity in white OLED based on Zn(HPB)(2) as blue emitting layer. Thin Solid Films 516: 3637-3640. http://dx.doi.org/10.1016/j.tsf.2007.08.103.
Kim, DE, un; Kwon, YS, oo; Shin, HK, yu. (2015). Fabrication of White Organic Light Emitting Diode Using Two Types of Zn-Complexes as an Emitting Layer. J Nanosci Nanotechnol 15: 488-491. http://dx.doi.org/10.1166/jnn.2015.8417.
Kim, E; Eom, H; Yeom, HY. (2012). Asymmetry-aware load balancing for parallel applications in single-ISA multi-core systems. 13: 413-427. http://dx.doi.org/10.1631/jzus.C1100198.
Kim, H, eeUn; Jang, J, aeHo; Song, W; Jung, BJ, un; Lee, J, unY; Hwang, D, oH. (2015). Improved luminance and external quantum efficiency of red and white organic light-emitting diodes with iridium(III) complexes with phenyl-substituted 2-phenylpyridine as a second cyclometalated ligand. 3: 12107-12115. http://dx.doi.org/10.1039/c5tc02728d.
Kim, H; Lee, J; Park, S; Jeong, J; Shin, D; Yi, Y; Kwon, JD, ae; Park, J, inS. (2015). Versatile hole injection of VO2: Energy level alignment at N,N '-di(1-naphthyl)-N,N '-diphenyl-(1,1 '-biphenyl)-4,4 '-diamine/VO2/fluorine-doped tin oxide. Organic Electronics 16: 133-138. http://dx.doi.org/10.1016/j.orgel.2014.10.044.
Kim, HY; Chung, YH; Jeong, JH; Lee, YM; Sur, GS; Kang, JK. (1999). Acute and repeated inhalation toxicity of 1-bromopropane in SD rats. J Occup Health 41: 121-128. http://dx.doi.org/10.1539/Joh.41.121.
Kim, J, ooHan; Jeon, YM, in; Lee, HS; Kim, JW, oo; Lee, CW, on; Jang, J, iG; Chang, H, oJ; Lee, J, unY; Gong, MS. (2008). New asymmetric monostyrylamine dopants for blue light-emitting organic electroluminescence device. Synthetic Metals 158: 369-374. http://dx.doi.org/10.1016/j.synthmet.2008.02.011.
Kim, J, iY; Kim, N, amHo; Kim, J, inW; Kang, J, inS; Yoon, J, uAn; Yoo, SI, l; Kim, W, ooY; Cheah, K, okWai. (2014). Enhancement of external quantum efficiency and reduction of roll-off in blue phosphorescent organic light emitt diodes using TCTA inter-layer. Optical Materials 37: 120-124. http://dx.doi.org/10.1016/j.optmat2014.05.010.
Kim, J, inW; Kim, N, amHo; Yoon, J, uAn; Yoo, SI, l; Kang, J, inS; Cheah, K, okWai; Zhu, F, uR; Kim, W, ooY. (2015). Study of triplet exciton's energy transfer in white phosphorescent organic light-emitting diodes with multi-doped single emissive layer. Optical Materials 40: 57-62. http://dx.doi.org/10.1016/j.optmat.2014.11.046.
Kim, J, inY; Kim, W, ooH; Kim, D, oH; Choi, KC. (2014). Investigation of voltage reduction in nanostructure-embedded organic light-emitting diodes. Organic Electronics 15: 260-265. http://dx.doi.org/10.1016/j.orgel.2013.11.019.
Kim, J, ooH; Lee, Y, ouJ; Jang, YS; Jang, J, inN; Kim, D, ooH; Song, BC; Lee, DH; Kwon, SN, am; Hong, M. (2011). The effect of Ar plasma bombardment upon physical property of tungsten oxide thin film in inverted top-emitting organic light-emitting diodes. Organic Electronics 12: 285-290. http://dx.doi.org/10.1016/j.orgel.2010.10.023.
Kim, J, iH; Seo, J; Kwon, D, aeG; Hong, JA, m; Hwang, J; Choi, HK, yw; Moon, J; Lee, JI, k; Jung, D, aeY; Choi, SY; Park, Y. (2014). Carrier injection efficiencies and energy level alignments of multilayer graphene anodes for organic light-emitting diodes with different hole injection layers. Carbon 79: 623-630. http://dx.doi.org/10.1016/j.carbon.2014.08.024.
Kim, J, aeK; Suh, KY. (2008). Room Temperature Detachment Nanolithography Using a Rigiflex Polymeric Mold. J Nanosci Nanotechnol 8: 3621-3625. http://dx.doi.org/10.1166/jnn.2008.162.

Kim, J, ooH; Yoon, D, oY; Kim, J, iW; Kim, JJ, oo. (2007). New host materials with high triplet energy level for blue-emitting electrophosphorescent device. Synthetic Metals 157: 743-750. http://dx.doi.org/10.1016/j.synthmet.2007.08.001.
Kim, JH; Nam, EJ; Hong, SY; Kim, BO; Kim, SM; Yoon, SS; Suh, JH; Ha, YY; Kim, YK. (2004). Study on electrical characteristics of organic electrophosphorescent devices based on new Ir complex. Mater Sci Eng C 24: 167-171. http://dx.doi.org/10.1016/j.msec.2003.09.005.
Kim, JK; Park, JW; Yang, H; Choi, M; Choi, JH; Suh, KY. (2006). Low-pressure detachment nanolithography. Nanotechnology 17: 940-946. http://dx.doi.org/10.1088/0957-4484/17/4/017.
Kim, K, yuS; Jeon, YM, in; Kim, JW, oo; Lee, CW, on; Gong, MS. (2008). Blue organic light-emitting devices using novel styrylarylene host and dopant materials. Dyes and Pigments 77: 238-244. http://dx.doi.org/10.1016/j.dyepig.2007.05.012.
Kim, K, iSoo; Jeong, S; Kim, C; Kwon, Y; Choi, BD, ae; Han, YS, oo. (2009). Synthesis and electro-optical properties of carbazole derivatives with high band gap energy. Thin Solid Films 518: 284-289. http://dx.doi.org/10.1016/j.tsf.2009.06.016.
Kim, KH; Jeon, YP; Choo, DC; Kim, TW. (2015). Luminance Mechanisms of White Organic Light-Emitting Devices Fabricated Utilizing a Charge Generation Layer with a Light-Emitting Function. J Nanosci Nanotechnol 15: 5220-5223. http://dx.doi.org/10.1166/jnn.2015.10367.
Kim, M, inJi; Lee, CW, on; Gong, MS. (2014). Deep blue organic light-emitting diode using non anthracene-type fused-ring spiro[benzotetraphene-fluorene] with aromatic wings. Organic Electronics 15: 2922-2931. http://dx.doi.org/10.1016/j.orgel.2014.08.030.
Kim, M, inSu; Nishikawa, H. (2015). Effects of bonding temperature on microstructure, fracture behavior and joint strength of Ag nanoporous bonding for high temperature die attach. Mater Sci Eng A 645: 264-272. http://dx.doi.org/10.1016/j.msea.2015.08.015.
Kim, MS; Jeong, CH; Lim, JT; Yeom, GY. (2008). White top-emitting organic light-emitting diodes using one-emissive layer of the DCJTB doped DPVBi layer. Thin Solid Films 516: 3590-3594. http://dx.doi.org/10.1016/j.tsf.2007.08.078.
Kim, MS; Lim, JT; Jeong, CH; Lee, JH; Yeom, GY. (2006). White organic light-emitting diodes from three emitter layers. Thin Solid Films 515: 891-895. http://dx.doi.org/10.1016/j.tsf.2006.07.051.
Kim, S; Choi, K. (2014). Occurrences, toxicities, and ecological risks of benzophenone-3, a common component of organic sunscreen products: a mini-review [Review]. Environ Int 70: 143-157. http://dx.doi.org/10.1016/j.envint.2014.05.015.
Kim, S; Choi, P; Kim, S; Park, H; Baek, D; Kim, S; Choi, B. (2016). Analysis of the Electrical Properties of an Electron Injection Layer in Alq(3)-Based Organic Light Emitting Diodes. J Nanosci Nanotechnol 16: 4742-4745. http://dx.doi.org/10.1166/jnn.2016.12203.
Kim, S; Jung, D; Kho, Y; Choi, K. (2014). Effects of benzophenone-3 exposure on endocrine disruption and reproduction of Japanese medaka (Oryzias latipes)-A two generation exposure study. Aquat Toxicol 155: 244-252. http://dx.doi.org/10.1016/j.aquatox.2014.07.004.
Kim, S; Kim, B; Lee, J; Yu, Y; Park, J. (2015). Highly Efficient White Organic Light Emitting Diodes Using New Blue Fluorescence Emitter. J Nanosci Nanotechnol 15: 5442-5445. http://dx.doi.org/10.1166/jnn.2015.10365.
Kim, S, ooK; Lee, J, iH; Park, JW. (2008). Phenyl-Naphthyl Amine Effect of New Phenothiazine Derivatives with High T(g) for Hole Injection and Hole Transporting Materials. J Nanosci Nanotechnol 8: 5247-5251. http://dx.doi.org/10.1166/jnn.2008.1015.
Kim, S; Lee, SH, o; Shin, H; Kay, KY, ol; Park, J. (2014). New Hole Transporting Materials Based on Hexaarylbenzene and Aromatic Amine Moiety for Organic Light-Emitting Diodes. J Nanosci Nanotechnol 14: 6382-6385. http://dx.doi.org/10.1166/jnn.2014.8291.
Kim, S, ooK; Park, YI, l; Kang, I, nNam; Park, JW. (2007). New deep-blue emitting materials based on fully substituted ethylene derivatives. J Mater Chem 17: 4670-4678. http://dx.doi.org/10.1039/b706606f.
Kim, S, ooK; Yang, B; Park, YI, l; Ma, Y; Lee, J, unY; Kim, HJ; Park, J. (2009). Synthesis and electroluminescent properties of highly efficient anthracene derivatives with bulky side groups. Organic Electronics 10: 822-833. http://dx.doi.org/10.1016/j.orgel.2009.04.003.
Kim, SH; Jang, J; Yook, KS, oo; Lee, J, unY. (2009). Role of mixed hole transport layer with exciton blocking properties in phosphorescent organic light-emitting diodes. Synthetic Metals 159: 568-570. http://dx.doi.org/10.1016/j.synthmet.2008.11.020.
Kim, SH; Shin, CM, in; Park, YI, l; Park, JW; Kim, SR; Chung, M, inC; Lee, J, iH. (2008). New Hole Transporting Materials Based on Di- and Tetra-Substituted Biphenyl Derivatives for Organic Light-Emitting Diodes. J Nanosci Nanotechnol 8: 5123-5129. http://dx.doi.org/10.1166/jnn.2008.1114.
Kim, SK; Lee, CJ; Kang, IN; Lee, JH; Park, JW. (2006). Synthesis and electroluminescent properties of new phenothiazyl derivatives. Thin Solid Films 509: 132-136. http://dx.doi.org/10.1016/j.tsf.2005.09.039.
Kim, W, onSam; You, JM, in; Lee, BJ; Jang, YK, i; Kim, DE, un; Kwon, YS, oo. (2006). Fabrication and characterization of organic light-emitting diodes using zinc complexes as hole-blocking layer. J Nanosci Nanotechnol 6: 3637-3641. http://dx.doi.org/10.1166/jnn.2006.072.
Kim, Y; Lee, JG; Han, KJ; Hwang, HK; Choi, DK; Jung, YY; Keum, JH; Kim, S; Park, SS; Im, WB. (2000). Hole-transporting polyimide for organic electroluminescent display. Thin Solid Films 363: 263-267.
Kim, Y, ouH; Lee, S, uH; Yoon, HS, oo; Choi, J, aeY; Shin, SS, ik; Chae, S, ooJoh; Seo, J, iH; Seo, J, iH; Kim, YK; Kim, W, ooY. (2008). High Efficient White Organic Light-Emitting Diodes Using BCzVBi as Blue Fluorescent Dopant. J Nanosci Nanotechnol 8: 4579-4583. http://dx.doi.org/10.1166/jnn.2008.IC67.
Kim, Y; Park, J; Moon, Y. (1999). Hematopoietic and reproductive toxicity of 2- bromopropane, a recently introduced substitute for chlorofluorocarbons. Toxicol Lett 108(2-3): 309-313. (Support not reported. Authors affiliated with. 108: 309-313.
Kim, YH, ak; Kwon, S; Lee, JH; Park, SM, i; Lee, YM, i; Kim, JW, on. (2011). Hole Injection Enhancement by a WO3 Inter layer in Inverted Organic Light-Emitting Diodes and Their Interfacial Electronic Structures. J Phys Chem C 115: 6599-6604. http://dx.doi.org/10.1021/jp111128k.
Kim, YK; Hwang, SH. (2006). Highly efficient organic light-emitting diodes using novel hole-transporting materials. Synthetic Metals 156: 1028-1035. http://dx.doi.org/10.1016/j.synthmet.2006.06.025.
Kim, YS; Yoon, JY; Lee, HW, oo; Kim, J; Lee, H, oWon; Lee, SE, un; Kim, YK; Yoon, SS, oo. (2015). Blue fluorescent materials based on bis(10-phenylanthracen-9-yl) derivatives containing heterocyclic moiety. Optical Materials 46: 247-253. http://dx.doi.org/10.1016/j.optmat.2015.04.027.
Knoppel, H; Schauenburg, H. (1989). Screening of household products for the emission of volatile organic compounds. Environ Int 15: 413-418. http://dx.doi.org/10.1016/0160-4120(89)90056-1.
Ko, A; Kang, HS; Park, JH; Kwon, JE; Moon, GI; Hwang, MS; Hwang, IG. (2016). The Association Between Urinary Benzophenone Concentrations and Personal Care Product Use in Korean Adults. Arch Environ Contam Toxicol 70: 640-646. http://dx.doi.org/10.1007/s00244-015-0240-x.

Ko, CW; Tao, YT. (2002). 9,9-bis{4-[di-(p-biphenyl)aminophenyl]fluorene: a high T-g and efficient hole-transporting material for electrolumine scent devices. Synthetic Metals 126: 37-41.
Ko, CW; Tao, YT; Danel, A; Krzeminska, L; Tomasik, P. (2001). Organic light-emitting diodes based on 2 (Stilben-4-yl)benzoxazole derivatives: An implication on the emission mechanism. Chem Mater 13: 2441-2446. http://dx.doi.org/10.1021/cm010199u.
Ko, CW; Tao, YT; Lin, JT; Thomas, KRJ. (2002). Light-emitting diodes based on a carbazole-derivatized dopant: Origin of dopant excitation as a function of the device structure. Chem Mater 14: 357-361. http://dx.doi.org/10.1021/cm0106365.
Kolman, A; Spivak, I; Näslund, M; Dusinská, M; Cedervall, B. (1997). Propylene oxide and epichlorohydrin induce DNA strand breaks in human diploid fibroblasts. Environ Mol Mutagen 30: 40-46.
Kominami, H; Oki, K; Kohno, M; Onoue, S; Kera, Y; Ohtani, B. (2001). Novel solvothermal synthesis of niobium(v) oxide powders and their photocatalytic activity in aqueous suspensions. J Mater Chem 11: 604-609.
Kovac, J; Wong, TC; Fung, MK; Liu, MW; Kremnican, V; Bello, I; Lee, ST. (2001). Transient electroluminescence of single and multilayer organic light emitting devices. Mater Sci Eng B 85: 172-176.
Kreger, K; Jandke, M; Strohriegl, P. (2001). Novel starshaped molecules based on fluorene. Synthetic Metals 119: 163-164.
Kristensen, NB; Pierzynowski, SG; Danfaer, A. (2000). Portal-drained visceral metabolism of 3-hydroxybutyrate in sheep. J Anim Sci 78: 2223-2228.
Kristoff, G; Chiny Barrionuevo, D; Cacciatore, LC; Verrengia Guerrero, NR; Cochon, AC. (2012). In vivo studies on inhibition and recovery of B-esterase activities in Biomphalaria glabrata exposed to "azinphos-methyl: Analysis of enzyme, substrate and tissue dependence. Aquat Toxicol 112: 19-26. http://dx.doi.org/10.1016/j.aquatox.2012.01.016.
Kucharczyk, D; Kujawa, R; Luczynski, M; Glogowski, J; Babiak, I; Wyszomirska, E. (1997). Induced spawning in bream, Abramis brama (L), using carp and bream pituitary extract and hCG. Aquaculture Research 28: 139-144.
Kuku, TA. (1999). Ion transport studies on vacuum deposited PbSnI4 thin films. Thin Solid Films 340: 292-296.
Kuo, CH, ui; Peng, KC; Kuo, L, iC; Yang, KH, ui; Lee, JH, aw; Leung, M, ankit; Hsieh, K, uoH. (2006). High-performance hole-transport polyurethanes for light-emitting diodes applications. Chem Mater 18: 4121-4129. http://dx.doi.org/10.1021/cm060124w.
Kusch, J; Stremmel, M; Breiner, HW; Adams, V; Schweikert, M; Schmidt, HJ. (2000). The Toxic Symbiont Caedibacter caryophila in the Cytoplasm of Paramecium novaurelia. Microb Ecol 40: 330-335.
Kuschal, C; Thoms, KM; Schubert, S; Schäfer, A; Boeckmann, L; Schön, MP; Emmert, S. (2012). Skin cancer in organ transplant recipients: effects of immunosuppressive medications on DNA repair [Review]. Experimental Dermatology Online 21: 2-6. http://dx.doi.org/10.1111/j.1600-0625.2011.01413.x.
Kwok, HL; Xu, JB. (2002). A model for exciton formation in organic electroluminescent devices. Solid-State Electronics 46: 645-650.
Kwon, J, aeW; Lim, JT, ae; Yeom, GY. (2010). Light-emitting characteristics of organic light-emitting diodes with the MoOx-doped NPB and C-60/LiF layer. Thin Solid Films 518: 6339-6342. http://dx.doi.org/10.1016/j.tsf.2009.12.108.
Kwong, CY; Djurisic, AB; Choy, WCH; Li, D; Xie, MH; Chan, WK; Cheah, KW; Lai, PT; Chui, PC. (2005). Efficiency and stability of different tris(8-hydroxyquinoline) aluminium (Alq(3)) derivatives in OLED applications. Mater Sci Eng B 116: 75-81. http://dx.doi.org/10.1016/j.mseb.2004.09.024.
Lakhera, VJ; Gupta, A; Kumar, R. (2009). Investigation of coated tubes in cross-flow boiling. Int J Heat Mass Tran 52: 908-920. http://dx.doi.org/10.1016/j.ijheatmasstransfer.2008.06.044.
Le, QT; Avendano, FM; Forsythe, EW; Yan, L; Gao, YL; Tang, CW. (1999). X-ray photoelectron spectroscopy and atomic force microscopy investigation of stability mechanism of tris-(8-hydroxyquinoline) aluminum-based light-emitting devices. Journal of Vacuum Science and Technology A 17: 2314-2317.
Le, QT; Forsythe, EW; Nuesch, F; Rothberg, LJ; Yan, L; Gao, Y. (2000). Interface formation between NPB and processed indium tin oxide. Thin Solid Films 363: 42-46.
Lee, DH; Choi, J; Chae, H; Chung, CH, wa; Cho, SM. (2008). Single-layer organic-light-emitting devices fabricated by screen printing method. Korean J Chem Eng 25: 176-180.
Lee, DH; Xun, Z; Chae, H; Cho, SM. (2009). Effect of electron- and hole-transporting materials on the performance of FIrpic-doped PVK phosphorescent devices. Synthetic Metals 159: 1640-1643. http://dx.doi.org/10.1016/j.synthmet.2009.04.029.
Lee, DU; Yoon, YB; Baek, SH; Kim, TW; Seo, JH; Kim, YK. (2008). Enhancement of the efficiency and the color stabilization in green organic light-emitting devices with multiple heterostructures acting as a hole transport layer. Thin Solid Films 516: 3627-3632. http://dx.doi.org/10.1016/j.tsf.2007.08.075.
Lee, H; Lee, J; Jeong, K; Yi, Y; Lee, JH, an; Kim, JW, on; Cho, SW, an. (2012). Hole Injection Enhancements of a CoPc and CoPc:NPB Mixed Layer in Organic Light-Emitting Devices. J Phys Chem C 116: 13210-13216. http://dx.doi.org/10.1021/jp3029598.
Lee, H; Lee, J; Park, S; Yi, Y; Cho, SW, an; Kim, JW, on; Kang, SJ, un. (2014). Hole injection enhancement of a single-walled carbon nanotube anode using an organic charge-generation layer. Carbon 71: 268-275. http://dx.doi.org/10.1016/j.carbon.2014.01.039.
Lee, HW, oo; Jeong, S, uJin; Lee, H, oWon; Kim, YK; Yoon, SS, oo. (2016). Blue Electroluminescent Materials Based on Dibenzofuran-Containing Anthracene Derivatives for Organic Light-Emitting Diodes. J Nanosci Nanotechnol 16: 8460-8464. http://dx.doi.org/10.1166/jnn.2016.12486.
Lee, J; Kim, B; Park, J. (2016). Excimer Formation Promoted by Steric Hindrance in Dual Core Chromophore for Organic Light-Emitting Diodes Emitters. J Nanosci Nanotechnol 16: 8854-8857. http://dx.doi.org/10.1166/jnn.2016.12479.
Lee, J; Kim, B; Park, Y; Kim, S; Park, J. (2014). Fluorine effects in new indenofluorenedione derivatives for electron transporting layer in OLED devices. J Nanosci Nanotechnol 14: 6431-6434. http://dx.doi.org/10.1166/jnn.2014.8807.
Lee, J, aeH; Kim, HM, i; Kim, K, iBum; Kim, JJ, oo. (2011). Origin of charge generation efficiency of metal oxide p-dopants in organic semiconductors. Organic Electronics 12: 950-954. http://dx.doi.org/10.1016/j.orgel.2011.03.008.
Lee, J, aeH; Kim, M, inHoi. (2016). Thermal stability of devices with molybdenum oxide doped organic semiconductors. Organic Electronics 28: 172-177. http://dx.doi.org/10.1016/j.orgel.2015.10.034.
Lee, J, aeH; Leem, DS; Kim, JJ, oo. (2008). High performance top-emitting organic light-emitting diodes with copper iodide-doped hole injection layer. Organic Electronics 9: 805-808. http://dx.doi.org/10.1016/j.orgel.2008.05.011.

Lee, J; Shin, H; Park, J. (2016). Solution Processable White Organic Light-Emitting Diodes Using New Blue Host Material Including Substituent Group. J Nanosci Nanotechnol 16: 2101-2104. http://dx.doi.org/10.1166/jnn.2016.12026.

Lee, K, umHee; Kim, SO, ng; Yook, KS, oo; Jeon, SO, k; Lee, J, unY; Yoon, SS, oo. (2011). Highly efficient blue light-emitting diodes containing spirofluorene derivatives end-capped with triphenylamine/phenylcarbazole. Synthetic Metals 161: 2024-2030. http://dx.doi.org/10.1016/j.synthmet.2011.07.020.

Lee, K, umHee; Kim, SO, ng; You, J, aeNam; Kang, S; Lee, J, inY; Yook, KS, oo; Jeon, SO, k; Lee, J, unY; Yoon, SS, oo. (2012). tert-Butylated spirofluorene derivatives with arylamine groups for highly efficient blue organic light emitting diodes. J Mater Chem 22: 5145-5154. http://dx.doi.org/10.1039/c2jm14869b.

Lee, K, umHee; Kim, YK; Yoon, SS, oo. (2012). Trimethylsilane-Containing Donor-Acceptor-Donor Type Material for Red Fluorescent Organic Light-Emitting Diodes. J Nanosci Nanotechnol 12: 4203-4206. http://dx.doi.org/10.1166/jnn.2012.5925.

Lee, K, umHee; Kwon, YS, oo; Kang, L, eeK; Kim, G, uY; Seo, J, iH; Kim, YK; Yoon, SS, oo. (2009). Blue organic light-emitting materials based on diphenylaminofluorene and N-phenylcarbazole derivatives. Synthetic Metals 159: 2603-2608. http://dx.doi.org/10.1016/j.synthmet.2009.09.018.

Lee, K, umHee; Park, JK; Kim, G, uY; Seo, J, iH; Kim, YK; Yoon, SS, oo. (2010). Highly Efficient Blue Fluorescent Materials Based on Fluorene Derivatives End-Capped with Arylaminofluorenylethylenes for Organic Light-Emitting Diodes. J Nanosci Nanotechnol 10: 3289-3293. http://dx.doi.org/10.1166/jnn.2010.2238.

Lee, K, umHee; You, J, aeNam; Kang, S; Lee, J, unY; Kwon, HJ, oo; Kim, YK; Yoon, SS, oo. (2010). Synthesis and electroluminescent properties of blue-emitting t-butylated bis(diarylaminoaryl)anthracenes for OLEDs. Thin Solid Films 518: 6253-6258. http://dx.doi.org/10.1016/j.tsf.2010.03.144.

Lee, M; Park, J; Lee, H; Sohn, SH, an; Lee, J. (2015). Complete chloroplast genomic sequence of Citrus platymamma determined by combined analysis of Sanger and NGS data. Horticulture, Environment and Biotechnology 56: 704-711. http://dx.doi.org/10.1007/s13580-015-0061-x.

Lee, S; Kim, B; Jung, H; Shin, H; Lee, H; Lee, J; Park, J. (2017). Synthesis and electroluminescence properties of new blue dual-core OLED emitters using bulky side chromophores. Dyes and Pigments 136: 255-261. http://dx.doi.org/10.1016/j.dyepig.2016.08.010.

Lee, S; Lyu, Y, iY; Lee, S, ooH. (2006). The use of cross-linkable interlayers to improve device performances in blue polymer light-emitting diodes. Synthetic Metals 156: 1004-1009. http://dx.doi.org/10.1016/j.synthmet.2006.06.011.

Lee, SB, ee; Park, S, ooNa; Kim, C; Lee, HW, oo; Lee, H, oWon; Kim, YK; Yoon, SS, oo. (2015). Synthesis and electroluminescent properties of 9,10-diphenylanthracene containing 9H-carbazole derivatives for blue organic light-emitting diodes. Synthetic Metals 203: 174-179. http://dx.doi.org/10.1016/j.synthmet.2015.02.037.

Lee, SH; Kim, SH; Kwak, J. (2013). Enhanced lifetime of organic light-emitting diodes using an anthracene derivative with high glass transition temperature. J Nanosci Nanotechnol 13: 4216-4222. http://dx.doi.org/10.1166/jnn.2013.7151.

Lee, SK; Kang, MJ; Jeon, TW; Ha, HW; Yoo, JW; Ko, GS; Kang, W; Jeong, HG; Lyoo, WS; Jeong, TC. (2010). Role of metabolism in 1-bromopropane-induced hepatotoxicity in mice. J Toxicol Environ Health A 73: 1431-1440. http://dx.doi.org/10.1080/15287394.2010.511546.

Lee, SK, yu; Lee, DJ, u; Jeong, H; Bista, SR; Kang, M, iJ; Lee, ES; Son, JK; Nam, D, ooH; Chang, HW; Lee, SH, o; Jahng, Y; Jeong, T, aeC. (2007). Hepatotoxic and immunotoxic effects produced by 1,3-dibromopropane and its conjugation with glutathione in female BALB/c mice. J Toxicol Environ Health A 70: 1381-1390. http://dx.doi.org/10.1080/15287390701434489.

Lee, SL; Thomas, P; Fenech, M. (2014). Extracellular amyloid beta 42 causes necrosis, inhibition of nuclear division, and mitotic disruption under both folate deficient and folate replete conditions as measured by the cytokinesis-block micronucleus cytome assay. Environ Mol Mutagen 55: 1-14. http://dx.doi.org/10.1002/em.21811.

Lee, SL; Thomas, P; Hecker, J; Faunt, J; Fenech, M. (2015). Chromosomal DNA damage measured using the cytokinesis-block micronucleus cytome assay is significantly associated with cognitive impairment in South Australians. Environ Mol Mutagen 56: 32-40. http://dx.doi.org/10.1002/em.21890.

Lee, SN, am; Lee, SJ, ae; Kim, YK; Shin, DM. (2014). Fabrication and Electroluminescence Properties of White Organic Light-Emitting Diode with a New Yellow Fluorescent Dopant. J Nanosci Nanotechnol 14: 6185-6188. http://dx.doi.org/10.1166/jnn.2014.8815.

Lee, Y; Kim, J; Kwon, S; Min, CK, i; Yi, Y; Kim, JW; Koo, B; Hong, M. (2008). Interface studies of Aluminum, 8-hydroxyquinolatolithium (Liq) and Alq(3) for inverted OLED application. Organic Electronics 9: 407-412. http://dx.doi.org/10.1016/j.orgel.2008.01.001.

Lee, YH; Kim, WJ; Kim, TY; Jung, J; Lee, JY; Park, HD; Kim, TW; Hong, JW. (2007). Electrical characteristics and efficiency of organic light-emitting diodes depending on hole-injection layer. Curr Appl Phys 7: 409-412. http://dx.doi.org/10.1016/j.cap.2006.09.021.

Lee, YJ, oo; Lee, H; Byun, Y; Song, S; Kim, J, eEun; Eom, D; Cha, W; Park, SS, ik; Kim, J; Kim, H. (2007). Study of thermal degradation of organic light emitting device structures by X-ray scattering. Thin Solid Films 515: 5674-5677. http://dx.doi.org/10.1016/j.tsf.2006.12.018.

Lee, YM, i; Kim, S, ooK; Lee, CJ, un; Lee, J, iH; Park, JW. (2008). Synthesis and Hole-Transporting Properties of Various Bicarbazyl Derivatives. J Nanosci Nanotechnol 8: 4797-4802. http://dx.doi.org/10.1166/jnn.2008.IC74.

Legnani, C; Louro, SR, SR; Quirino, WG; Tabak, M; Cremona, M. (2006). Organic light emitting diodes based on dipyridamole drug. Thin Solid Films 515: 902-906. http://dx.doi.org/10.1016/j.tsf.2006.07.059.

Lei, GT; Wang, LD; Duan, L; Wang, JH; Qiu, Y. (2004). Highly efficient blue electrophosphorescent devices with a novel host material. Synthetic Metals 144: 249-252. http://dx.doi.org/10.1016/j.synthmet.2004.03.010.

Lenartova, V; Holovska, K; Martinezlara, E; Lopezbarea, J; Barcena, JA; Rosival, I. (1996). Changes in GST-isoenzyme pattern of some organs of sheep exposed to different levels of pollution. Comp Biochem Physiol C Comp Pharmacol Toxicol 114: 153-158.

Li, B; Chen, J; Zhao, Y; Yang, D; Ma, D. (2011). Effects of carrier trapping and scattering on hole transport properties of N,N '-diphenyl-N,N '-bis(1-naphthyl)-1,1 '-biphenyl-4,4 '-diamine thin films. Organic Electronics 12: 974-979. http://dx.doi.org/10.1016/j.orgel.2011.03.026.

Li, C; Shih, HH; Jiang, X; Sun, P; Pan, Y, i; Cheng, CH. (2009). Synthesis, characterization, and electroluminescent properties of iridium complex containing 4-phenybenzoquinoline ligand. Synthetic Metals 159: 2070-2074. http://dx.doi.org/10.1016/j.synthmet.2009.07.028.

Li, CN; Djurisic, AB; Kwong, CY; Lai, PT; Chan, WK; Liu, SY. (2005). Indium tin oxide surface treatments for improvement of organic light-emitting diode performance. Applied Physics A: Materials Science and Processing 80: 301-307. http://dx.doi.org/10.1007/s00339-003-2146-0.

Li, CN; Kwong, CY; Djurišić, AB; Lai, PT; Chui, PC; Chan, WK; Liu, SY. (2005). Improved performance of OLEDs with ITO surface treatments. Thin Solid Films 477: 57-62. http://dx.doi.org/10.1016/j.tsf.2004.08.111.
Li, D; de Supinski, BR; Schulz, M; Nikolopoulos, DS; Cameron, KW. (2013). Strategies for Energy-Efficient Resource Management of Hybrid Programming Models. I E E E Transactions on Parallel and Distributed Systems 24: 144-157. http://dx.doi.org/10.1109/TPDS.2012.95.
Li, D; Dong, G; Duan, L; Wang, L; Qiu, Y. (2012). New Method of Mobility Measurement for Organic Semiconductors by Optoelectronic Coupling. J Phys Chem C 116: 5236-5240. http://dx.doi.org/10.1021/jp211858y.
Li, D; Wang, Y; Chen, L; Cao, Y. (2013). Displacement prediction of Bazimen landslide with step-like deformation in the Three Gorges Reservoir. Disaster Advances 6: 185-191.
Li, F; Feng, J; Cheng, G; Liu, SY. (2002). Electron injection and electroluminescence investigation of organic light-emitting devices based on a Sn/Al cathode. Synthetic Metals 126: 347-350.
Li, F; Feng, J; Liu, SY. (2003). Degradation of organic light-emitting devices under different driving model. Synthetic Metals 137: 1103-1104. http://dx.doi.org/10.1016/S0379-6779(02)01099-8.
Li, F; Lin, JL; Feng, J; Chen, G; Liu, HY; Liu, SY; Zhang, LG; Zhang, XF; Lee, ST. (2003). Electrical and optical characteristics of red organic light-emitting diodes doped with two guest dyes. Synthetic Metals 139: 341-346. http://dx.doi.org/10.1016/S0379-6779(03)00184-X.
Li, GF; Zhang, Q; Yu, F; Liu, C; Wu, HR. (2008). Organic light-emitting device with surface-modified tungsten-doped indium oxide anode. Electronics Letters 44: 818-819. http://dx.doi.org/10.1049/e1:20081318.
Li, H; Duan, L; Zhang, D; Qiu, Y. (2014). Influence of Molecular Packing on Intramolecular Reorganization Energy: A Case Study of Small Molecules. J Phys Chem C 118: 14848-14852. http://dx.doi.org/10.1021/jp504979x.
Li, H; Qiu, Y; Duan, L. (2016). Multi-scale calculation of the electric properties of organic-based devices from the molecular structure. Organic Electronics 33: 164-171. http://dx.doi.org/10.1016/j.orgel.2016.03.016.
Li, HY, an; Zhou, Z; Ryan, JG; Wei, GJ; Xu, Y, iG. (2016). Boron isotopes reveal multiple metasomatic events in the mantle beneath the eastern North China Craton. Geochim Cosmo Act 194: 77-90. http://dx.doi.org/10.1016/j.gca.2016.08.027.
Li, J; Chen, P; Duan, Y, u; Zhao, F; Li, C; Xie, W; Liu, S; Zhang, L; Li, B, in. (2007). Highly efficient and high colour rendering index white organic light-emitting devices using bis(2-(2-fluorphenyl)-1,3-benzothiozolato-N,C-2 ') iridium (acetylacetonate) as yellow emitter. Semiconductor Science and Technology 22: 798-801. http://dx.doi.org/10.1088/0268-1242/22/7/021.
Li, J, iC; Lee, S, ooH; Hahn, YB; Kim, K, iJu; Zong, K; Lee, YS, ik. (2008). Synthesis and characterization of triphenylamine-3-hexylthiophene oligomer hybrids: A triphenylamine core carrying three terthiophene branches and triphenylamine end-capped quaterthiophene. Synthetic Metals 158: 150-156. http://dx.doi.org/10.1016/j.synthmet.2008.01.002.
Li, J; Marks, TJ. (2008). Air-stable, cross-linkable, hole-injecting/transporting interlayers for improved charge injection in organic light-emitting diodes. Chem Mater 20: 4873-4882. http://dx.doi.org/10.1021/cm703689j.
Li, J, ie; Zheng, Y; Zheng, D; Yu, J. (2016). Effect of organic small-molecule hole injection materials on the performance of inverted organic solar cells. 6. http://dx.doi.org/10.1117/1.JPE.6.035502.
Li, JY; Hong, ZR; Wang, PF; Lee, CS; Wong, NB; Kwong, HL; Lee, ST. (2004). Enhancement of green electroluminescence from 2,5-di-p-anisyl-isobenzofuran by double-layer doping strategy. Thin Solid Films 446: 111-116. http://dx.doi.org/10.1016/S0040-6090(03)01241-0.
Li, JY; Liu, D; Li, YQ; Lee, CS; Kwong, HL; Lee, ST. (2005). A high Tg carbazole-based hole-transporting material for organic light-emitting devices. Chem Mater 17: 1208-1212. http://dx.doi.org/10.1021/cm034731k.
Li, JY; Ma, CW; Tang, JX; Lee, CS; Lee, ST. (2005). Novel starburst molecule as a hole injecting and transporting material for organic light-emitting devices. Chem Mater 17: 615-619. http://dx.doi.org/10.1021/cm048337d.
Li, L; Guan, M, in; Cao, G; Li, Y; Zeng, Y. (2010). Highly efficient and stable organic light-emitting diodes employing MoO3-doped perylene-3, 4, 9, 10-tetracarboxylic dianhydride as hole injection layer. Applied Physics A: Materials Science and Processing 99: 251-254. http://dx.doi.org/10.1007/s00339-009-5511-9.
Li, L; Guan, M, in; Cao, G; Li, Y; Zeng, Y. (2012). Low operating-voltage and high power-efficiency OLED employing MoO3-doped CuPc as hole injection layer. Displays 33: 17-20. http://dx.doi.org/10.1016/j.displa.2011.10.002.
Li, L, in; Liu, X; Lyu, L, u; Wu, R; Liu, P; Zhang, Y; Zhao, Y; Wang, H; Niu, D; Yang, J; Gao, Y. (2016). Modification of Ultrathin NPB Interlayer on the Electronic Structures of the CH3NH3PbI3/NPB/MoO3 Interface. J Phys Chem C 120: 17863-17871. http://dx.doi.org/10.1021/acs.jpcc.6b02942.
Li, M; Li, W; Su, W; Zang, F; Chu, B, ei; Xin, Q, i; Bi, D; Li, B, in; Yu, T. (2008). High efficiency and color saturated blue electroluminescence by using 4,4 '-bis[N-(1-naphthyl)-N-phenylamino]biphenyl as the thinner host and hole-transporter. Solid-State Electronics 52: 121-125. http://dx.doi.org/10.1016/j.sse.2007.07.030.
Li, MT; Li, WL; Niu, JH; Chu, B; Li, B; Sun, XY; Zhang, ZQ; Hu, ZZ. (2005). Efficient white organic light-emitting device based on a thin layer of hole-transporting host with rubrene dopant. Solid-State Electronics 49: 1956-1960. http://dx.doi.org/10.1016/j.sse.2005.08.011.
Li, N, a; Lai, SL, un; Liu, W; Wang, P; You, J; Lee, CS; Liu, Z. (2011). Synthesis and properties of n-type triphenylpyridine derivatives and applications in deep-blue organic light-emitting devices as electron-transporting layer. J Mater Chem 21: 12977-12985. http://dx.doi.org/10.1039/c1jm11898f.
Li, R, ui; Feng, C; Chen, N, an; Zhang, B; Hao, C; Peng, T; Zhu, X, u. (2014). A bench-scale denitrification wall for simulating the in-situ treatment of nitrate-contaminated groundwater. Ecol Eng 73: 536-544. http://dx.doi.org/10.1016/j.ecoleng.2014.09.089.
Li, SF; Zhong, G; Zhu, WH; Li, FY; Pan, JF; Huang, W; Tian, H. (2005). Dendritic europium complex as a single dopant for white-light electroluminescent devices. J Mater Chem 15: 3221-3228. http://dx.doi.org/10.1039/b504738b.
Li, T; Li, W; Li, X; Han, L; Chu, B, ei; Li, M; Hu, Z; Zhang, Z. (2009). Red electroluminescent devices based on rubrene derivative in 4,4 '-N,N '-dicarubreneazole-biphenyl host and its application in white light emitting device for lighting purpose. Solid-State Electronics 53: 120-123. http://dx.doi.org/10.1016/j.sse.2008.11.008.
Li, T; Li, X; Li, W; Chu, B, ei; Su, Z; Han, L; Hu, Z; Zhang, Z. (2009). Tunable red emission by incorporation of a rubrene derivative in p-type and n-type hosts in organic light emitting devices. Thin Solid Films 517: 4629-4632. http://dx.doi.org/10.1016/j.tsf.2009.03.106.

Li, T; You, J; Wen, J; Liang, Z. (2005). An efficient reconstruction method for nonuniform attenuation compensation in nonparallel beam geometries based on Novikov's explicit inversion formula. IEEE Trans Med Imaging 24: 1357-1368. http://dx.doi.org/10.1109/TMI.2005.857026.

Li, W; Xia, Y; Ti, C; Yan, X. (2011). Evaluation of biological and chemical nitrogen indices for predicting nitrogen-supplying capacity of paddy soils in the Taihu Lake region, China. Biol Fertil Soils 47: 669-678. http://dx.doi.org/10.1007/s00374-011-0577-x.

Li, W; Yu, J; Wang, T, ao; Jiang, Y; Wei, B. (2008). Electroluminescence of organic light-emitting diodes with an ultra-thin layer of dopant. Mater Sci Eng B 149: 77-81. http://dx.doi.org/10.1016/j.mseb.2007.11.027.

Li, WL; Gao, ZQ; Hong, ZY; Lee, CS; Lee, ST. (2000). Blue electroluminescent devices made from a naphthyl-substituted benzidine derivative and rare earth metal chelates. Synthetic Metals 111: 53-56.

Li, WX; Hagen, J; Jones, R; Heikenfeld, J; Steckl, AJ. (2007). Color tunable organic light emitting diodes using Eu complex doping. Solid-State Electronics 51: 500-504. http://dx.doi.org/10.1016/j.sse.2007.01.033.

Li, X; Deng, Z; Chen, Z; Shi, Y; Xu, D. (2008). Multilayer cathode for organic light-emitting devices. Displays 29: 323-326. http://dx.doi.org/10.1016/j.displa.2007.09.015.

Li, X; Jiang, J; Gu, L; Ali, SW; He, J; Li, S. (2008). Diversity of chlorpyrifos-degrading bacteria isolated from chlorpyrifos-contaminated samples. Int Biodeterior Biodegradation 62: 331-335. http://dx.doi.org/10.1016/j.ibiod.2008.03.001.

Li, X; Wu, S; Zhang, D; Su, Z; Lei, P; Zhang, Z; Hu, Z; Li, W. (2010). Synthesis, photophysical and electrophosphorescent properties of a novel fluorinated rhenium(I) complex. Synthetic Metals 160: 390-393. http://dx.doi.org/10.1016/j.synthmet.2009.11.012.

Li, X; Zhang, D; Li, W; Chu, B, ei; Han, L; Li, T; Su, Z; Zhu, J; Chen, Y; Hu, Z; Lei, P; Zhang, Z. (2009). Efficient electroluminescence based on a novel binuclear rhenium complex. Optical Materials 31: 1173-1176. http://dx.doi.org/10.1016/j.optmat.2008.12.014.

Li, X; Zhang, D; Li, W; Chu, B, ei; Han, L; Li, T; Su, Z; Zhu, J; Wu, S; Chen, Y; Lei, P; Hu, Z; Zhang, Z. (2009). New rhenium complexes containing 4,5-diazafluorene ligand for high-efficiency green electrophosphorescence. Synthetic Metals 159: 1340-1344. http://dx.doi.org/10.1016/j.synthmet.2009.03.004.

Li, Y; Shang, X; Zhou, L; Jiang, Y; Cui, R; Zhao, X. (2016). Influence of doping concentration on the dominant injection and transport mechanisms of electrons within Alq(3) doped NPB films. Thin Solid Films 616: 160-163. http://dx.doi.org/10.1016/j.tsf.2016.08.017.

Li, Y; Wen, C; Weng, Y. (2013). Fine mapping of the pleiotropic locus B for black spine and orange mature fruit color in cucumber identifies a 50 kb region containing a R2R3-MYB transcription factor. Theor Appl Genet 126: 2187-2196. http://dx.doi.org/10.1007/s00122-013-2128-3.

Li, Y; Xu, X; Wang, C; Wang, C; Xie, F; Yang, J; Gao, Y. (2015). Investigation on thermal evaporated CH3NH3PbI3 thin films. 5. http://dx.doi.org/10.1063/1.4930545.

Li, YX; Chen, BH; Meng, WJ; Li, CY; Wang, WX; Cao, G. (2003). Effect of pore structure and acidic property of MCM-22 zeolite on product distribution of benzene alkylation with propylene. Chinese journal of catalysis 24: 494-498.

Li, Z; Wu, Z; Fu, W, en; Wang, D; Liu, P; Jiao, B, o; Lei, X; Zhou, G; Hao, Y. (2013). Stable amorphous bis(diarylamino)biphenyl derivatives as hole-transporting materials in OLEDs. Electronic Materials Letters 9: 655-661. http://dx.doi.org/10.1007/s13391-013-2195-2.

Li, Z; Yu, J; Zhou, L; Zhang, H; Deng, R; Guo, Z. (2008). 1.54 mu m near-infrared photoluminescent and electroluminescent properties of a new Erbium (111) organic complex. Organic Electronics 9: 487-494. http://dx.doi.org/10.1016/j.orgel.2008.02.010.

Liang, CJ; Hong, ZR; Liu, XY; Zhao, DX; Zhao, D; Li, WL; Peng, JB; Yu, JQ; Lee, CS; Lee, ST. (2000). Organic electroluminescent devices using europium complex as an electron-transport emitting layer. Thin Solid Films 359: 14-16.

Liang, FS; Chen, JS; Cheng, YX; Wang, LX; Ma, DG; Jing, XB; Wang, FS. (2003). Synthesis, characterization, photoluminescent and electroluminescent properties of new conjugated 2,2 '-(arylenedivinylene)bis-8-substituted quinolines. J Mater Chem 13: 1392-1399. http://dx.doi.org/10.1039/b210408c.

Liang, FS; Chen, JS; Wang, LX; Ma, DG; Jing, XB; Wang, FS. (2003). A hydroxyphenyloxadiazole lithium complex as a highly efficient blue emitter and interface material in organic light-emitting diodes. J Mater Chem 13: 2922-2926. http://dx.doi.org/10.1039/b307209f.

Liang, FS; Cheng, YX; Su, GP; Ma, DG; Wang, LX; Jing, XB; Wang, FS. (2003). White organic electroluminescence based on a new boron complex. Synthetic Metals 137: 1109-1110. http://dx.doi.org/10.1016/S0379-6779(02)01101-3.

Lim, JT; Jeong, CH; Vozny, A; Lee, JH; Kim, MS; Yeom, GY. (2007). Top-emitting organic light-emitting diode using transparent conducting indium oxide layer fabricated by a two-step ion beam-assisted deposition. Surf Coating Tech 201: 5358-5362. http://dx.doi.org/10.1016/j.surfcoat.2006.07.036.

Lim, JT, ae; Kim, KN, am; Yeom, GY. (2009). Device Characteristics of Organic Light-Emitting Diodes Based on Electronic Structure of the Ba-Doped Alq(3) Layer. J Nanosci Nanotechnol 9: 7485-7490. http://dx.doi.org/10.1166/jnn.2009.1774.

Lim, JT, ae; Kwon, J, aeW; Yeom, GY. (2011). Enhanced Driving Performance of Organic Light-Emitting Diodes with All Carrier Ohmic-Contacts. J Electrochem Soc 158: J10-J14. http://dx.doi.org/10.1149/1.3519846.

Lim, JT; Kwon, JW; Park, JB; Yeom, GY. (2011). Chemical and electronic properties of Ba/bis(2-methyl-8-quinolinolato)(4-phenylphenolato)aluminum(III) interfaces for organic light-emitting diodes. J Nanosci Nanotechnol 11: 851-855. http://dx.doi.org/10.1166/jnn.2011.3235.

Lim, JT; Lee, JH; Park, JK; Park, BJ; Yeom, GY. (2008). Top-emitting organic light-emitting diodes based on semitransparent conducting cathode of Ba/Al/ITO. Surf Coating Tech 202: 5646-5649. http://dx.doi.org/10.1016/j.surfcoat.2008.06.036.

Lim, JT, ae; Park, J, inWoo; Kwon, J, aeW; Yeom, GY; Lhm, K; Lee, KJ, ae. (2013). Optoelectronic Characteristics of Organic Light-Emitting Diodes with a Rb2CO3-Mixed C-60 Layer as an Electron Ohmic-Contact. J Electrochem Soc 160: G1-G5. http://dx.doi.org/10.1149/2.038301jes.

Lin, C, hiF; Liu, SW, ei; Lee, CC; Sakurai, T; Kubota, M; Su, W, eiC; Huang, J, iaC; Chiu, TL; Han, HC; Chen, L, iC; Chen, CT, i; Lee, JH, aw. (2015). A new anodic buffer layer material for non-mixed planar heterojunction chloroboron subphthalocyanine organic photovoltaic achieving 96% internal quantum efficiency. Solar Energy Materials and Solar Cells 137: 138-145. http://dx.doi.org/10.1016/j.solmat.2015.01.011.

Lin, H, ui; Yu, J; Lou, S; Wang, J, un; Jiang, Y. (2008). Low temperature DC sputtering deposition on indium-tin oxide film and its application to inverted top-emitting organic light-emitting diodes. Journal of Materials Science & Technology 24: 179-182.

Lin, H, ui; Yu, J; Wang, N; Lou, S; Jiang, Y. (2009). Fabrication and Properties of DC Magnetron Sputtered Indium Tin Oxide on Flexible Plastic Substrate. Journal of Materials Science & Technology 25: 119-122.
Lin, JS; Lin, SH; Chen, NP, o; Ko, CH, ao; Tsai, ZS; Juang, F, uhS; Chen, CM; Liu, LC. (2010). Manufacture of brightness enhancement films (BEFs) by ultraviolet (UV) irradiation and their applications for organic light emitting diodes (OLEDs). Synthetic Metals 160: 1493-1500. http://dx.doi.org/10.1016/j.synthmet.2010.05.009.
Lin, Z; Wen, Y, uhS; Chow, TJ. (2009). White light-emitting devices with a single emitting layer based on bisindolylmaleimide fluorophores. J Mater Chem 19: 5141-5148. http://dx.doi.org/10.1039/b901627a.
Liu, D; Zhen, CG; Wang, XS; Zou, DC; Zhang, BW; Cao, Y. (2004). Enhancement in brightness and efficiency of organic electroluminescent device using novel N,N-di(9-ethylcarbaz-3-yl)-3-methylaniline as hole injecting and transporting material. Synthetic Metals 146: 85-89. http://dx.doi.org/10.1016/j.synthmet.2004.06.022.
Liu, H; Sun, P; Liu, H; Yang, S; Wang, L; Wang, Z. (2015). Hepatic oxidative stress biomarker responses in freshwater fish Carassius auratus exposed to four benzophenone UV filters. Ecotoxicol Environ Saf 119: 116-122. http://dx.doi.org/10.1016/j.ecoenv.2015.05.017.
Liu, MW; Zhang, XH; Lai, WY; Lin, XQ; Wong, FL; Gao, ZQ; Lee, CS; Hung, LS; Lee, ST; Kwong, HL. (2001). A new series of blue emitting pyrazine derivatives for organic electroluminescence devices. 185: 203-211.
Liu, S; Liu, R, ui; Chen, Y; Ho, S; Kim, JH; So, F. (2014). Nickel Oxide Hole Injection/Transport Layers for Efficient Solution-Processed Organic Light-Emitting Diodes. Chem Mater 26: 4528-4534. http://dx.doi.org/10.1021/cm501898y.
Liu, TH; Iou, CY; Wen, SW; Chen, CH. (2003). 4-(Dicyanomethylene)-2-t-butyl-6-(1,1,7,7-tetramethyljulolidyl-9-enyl)-4H-pyran doped red emitters in organic light-emitting devices. Thin Solid Films 441: 223-227. http://dx.doi.org/10.1016/S0040-6090(03)00861-7.
Liu, WG; Zheng, MY; Polle, EA; Konzak, CF. (2002). Highly efficient doubled-haploid production in wheat (Triticum aestivum L.) via induced microspore embryogenesis. Crop Sci 42: 686-692.
Liu, Y; Wang, L; Zaidi, SA, liR; Elkashlan, M; Duong, TQ. (2016). Secure D2D Communication in Large-Scale Cognitive Cellular Networks: A Wireless Power Transfer Model. I E E E Transactions on Communications 64: 329-342. http://dx.doi.org/10.1109/TCOMM.2015.2498171.
Liu, Y, ouS; Ying, GG, uo; Shareef, A, li; Kookana, R, aiS. (2011). Photostability of the UV filter benzophenone-3 and its effect on the photodegradation of benzotriazole in water. Environ Chem 8: 581-588. http://dx.doi.org/10.1071/EN11068.
Liu, Z; Bian, Z; Ming, L; Ding, F; Shen, H; Nie, D; Huang, C. (2008). Green and blue-green phosphorescent heteroleptic iridium complexes containing carbazole-functionalized beta-diketonate for non-doped organic light-emitting diodes. Organic Electronics 9: 171-182. http://dx.doi.org/10.1016/j.orgel.2007.09.001.
Liu, Z; Guan, M, in; Bian, Z; Nie, D; Gong, Z; Li, Z; Huang, C. (2006). Red phosphorescent iridium complex containing carbazole-functionalized beta-diketonate for highly efficient nondoped organic light-emitting diodes. Adv Funct Mater 16: 1441-1448. http://dx.doi.org/10.1002/adfm.200600099.
Liu, Z; Pinto, J; Soares, J; Pereira, E. (2001). Efficient multilayer organic light emitting diode. Synthetic Metals 122: 177-179.
Lo, MF, ai; Ng, T, szWai; Mo, H, inWai; Lee, CS. (2013). Direct Threat of a UV-Ozone Treated Indium-Tin-Oxide Substrate to the Stabilities of Common Organic Semiconductors. Adv Funct Mater 23: 1718-1723. http://dx.doi.org/10.1002/adfm.201202120.
Long, L, i; Zhang, M; Xu, S; Zhou, X; Gao, X; Shang, Y; Wei, B, in. (2012). Cyclic arylamines functioning as advanced hole-transporting and emitting materials. Synthetic Metals 162: 448-452. http://dx.doi.org/10.1016/j.synthmet.2012.01.003.
Lorenzo, OG; Pena, TF; Cabaleiro, JC; Pichel, JC; Rivera, FF. (2014). 3DyRM: a dynamic roofline model including memory latency information. Journal of Supercomputing 70: 696-708. http://dx.doi.org/10.1007/s11227-014-1163-4.
Lu, AW; Chan, J; Rakic, AD; Ng, AM, anC; Djurisic, AB. (2006). Optimization of microcavity OLED by varying the thickness of multi-layered mirror. Optical and Quantum Electronics 38: 1091-1099. http://dx.doi.org/10.1007/s11082-006-9057-1.
Lu, HT; Tsou, CC; Yokoyama, M. (2005). Improvement of FWHM and luminance of blue organic light-emitting diodes with double hole-blocking structure. J Cryst Growth 277: 388-392. http://dx.doi.org/10.1016/j.jcrysgro.2004.12.182.
Lu, HW, ei; Huang, CW, en; Kao, P, oC; Chu, SY; Juang, YD, er. (2015). Effects of ITO Electrode Modification Using CsF Solution on Performance of Organic Light-Emitting Diodes. 4: R54-R59. http://dx.doi.org/10.1149/2.0221503jss.
Lu, HW, ei; Kao, P, oC; Chu, SY. (2016). The effects of UV-ozone treated ultra-thin Li2CO3-doped NiO film as the anode buffer layer on the electrical characteristics of organic light-emitting diodes. J Alloy Comp 682: 311-317. http://dx.doi.org/10.1016/j.jallcom.2016.04.271.
Lu, HW, ei; Tsai, CC, he; Hong, CS; Kao, P, oC; Juang, YD, er; Chu, SY. (2016). The The effects of ultra-thin cerium fluoride film as the anode buffer layer on the electrical characteristics of organic light emitting diodes. Appl Surf Sci 385: 139-144. http://dx.doi.org/10.1016/j.apsusc.2016.05.105.
Lu, L; Junsheng, Y; Qing, L; Shuangling, L; Yadong, J; Wei, L. (2008). Efficient blue organic light-emitting diodes with simple structure based on N, N '-bis (1-naphthyl)-N, N '-biphenyl-1, 1 '-biphenyl-4,4 '-diamine. 17: 111-114.
Lu, Z; Deng, Z; Hou, Y; Zhang, X; Xu, H. (2013). Enhanced properties of organic electroluminescent devices with cesium chloride ultra-thin layer. Displays 34: 69-74. http://dx.doi.org/10.1016/j.displa.2012.12.001.
Lu, Z; Hou, Y; Xiao, J; Xu, H. (2014). Effects of emissive layer architecture on recombination zone and Forster resonance energy transfer in organic light-emitting diodes. Displays 35: 247-251. http://dx.doi.org/10.1016/j.displa.2014.08.005.
Lu, Z; Hou, Y; Xiao, J; Xu, H. (2014). Emission spectra dependence on voltage and emissive layer layout in organic light-emitting diodes. Vacuum 109: 197-199. http://dx.doi.org/10.1016/j.vacuum.2014.07.026.
Lu, Z; Wei-hua, X; Zhi-yun, O; Chun-quan, Z. (2014). Determination of priority nature conservation areas and human disturbances in the Yangtze River Basin, China. J Nat Conservat 22: 326-336. http://dx.doi.org/10.1016/j.jnc.2014.02.007.
Lucia, A; Finger, EJ. (2004). Co-solvent selection and recovery. Adv Environ Res 8: 197-211. http://dx.doi.org/10.1016/S1093-0191(02)00132-6.
Lue, Z; Deng, Z; Chen, Z; Yin, Y; Xu, D; Xiao, J; Wang, Y. (2011). The effect of various electrodes on the properties of electroluminescent devices with potassium chloride inside tris (8-hydroxyquinoline) aluminum. Displays 32: 113-117. http://dx.doi.org/10.1016/j.displa.2011.01.004.

Lue, Z; Deng, Z; Zheng, J; Xu, D; Chen, Z; Zhou, E; Wang, Y. (2010). Organic light-emitting diodes with 2-(4-biphenylyl)-5(4-tert-butyl-phenyl)-1,3,4-oxadiazole layer inserted between hole-injecting and hole-transporting layers. Vacuum 84: 1287-1290. http://dx.doi.org/10.1016/j.vacuum.2010.02.004.

Lue, Z; Deng, Z; Zheng, J; Zhou, E; Chen, Z; Xu, D; Wang, Y. (2010). Organic light-emitting diodes using potassium chloride as efficiency and stability enhancers. Displays 31: 54-58. http://dx.doi.org/10.1016/j.displa.2009.09.004.

Lundgren, CE; Eckhardt, LG; Senf, CJ; Bowdwin, MR; Pendergast, DR. (2013). Negative pressure breathing increases cardiac output and nitrogen elimination in seated subjects. Undersea Hyperb Med 40: 403-410.

Luo, FT; Tao, YT; Ko, SL; Chang, HC; Chen, H. (2002). Efficient electroluminescent material for light-emitting diodes from 1,4-distyrylbenzene derivatives. J Mater Chem 12: 47-52.

Luo, JX; Wang, W, ei; Meng, H, u; Xu, W, anJin; Qin, G, uoG. (2016). Optimizing efficiency of polycrystalline p-Si anode organic light-emitting diode. Rare Metals 35: 826-830. http://dx.doi.org/10.1007/s12598-016-0720-9.

Luo, W; Fang, M; Xu, H; Xing, H; Nie, Q. (2015). Transcriptome comparison in the pituitary-adrenal axis between Beagle and Chinese Field dogs after chronic stress exposure. Anim Genet 46: 522-534. http://dx.doi.org/10.1111/age.12325.

Luo, X; Wen, Z; Du, L; Lv, W; Zhao, F; Tang, Y; Chen, Z; Peng, Y. (2016). Notably Improved Red Photoresponse of Organic Diode Employing Gold Nanoparticles Plasmonic Absorption. J Nanosci Nanotechnol 16: 5707-5713. http://dx.doi.org/10.1166/jnn.2016.12056.

Lv, Z; Deng, Z; Xu, D; Li, X; Jia, Y. (2009). Efficient organic light-emitting diodes with C-60 buffer layer. Displays 30: 23-26. http://dx.doi.org/10.1016/j.displa.2008.10.001.

Ma, J; Jiang, XY; Liang, Z; Cao, J, in; Zhang, X; Zhang, ZL. (2009). Highly power efficient organic light-emitting diodes based on Cs2CO3 n-doped and MoO3 p-doped carrier transport layers. Semiconductor Science and Technology 24. http://dx.doi.org/10.1088/0268-1242/24/3/035009.

Ma, T, ao; Deng, K; Jiang, C; Tu, Y, an; Zhang, N; Liu, J, ie; Zhao, Y; Diao, Q. (2013). The relationship between microbial N synthesis and urinary excretion of purine derivatives in Dorper x thin-tailed Han crossbred sheep. Small Ruminant Research 112: 49-55. http://dx.doi.org/10.1016/j.smallrumres.2012.09.003.

Maemura, K; Yamauchi, H; Hayasaki, H; Kanbara, K; Tamayama, T; Hirata, I; Watanabe, M. (2003). gamma-Amino-butyric acid immunoreactivity in intramucosal colonic tumors. J Gastroenterol Hepatol 18: 1089-1094. http://dx.doi.org/10.1046/j.1440-1746.2003.03131.x.

Maiorano, V; Mazzeo, M; Mariano, F; Ben Khalifa, M; Carallo, S; Dussert-Vidalet, B; Cingolani, R; Gigli, G. (2008). Very Long Operational Lifetime at High Initial Luminance of Deep Red Phosphorescent Organic Light-Emitting Diodes With Double Emission Layers. I E E E Photonics Technology Letters 20: 2105-2107. http://dx.doi.org/10.1109/LPT.2008.2006859.

Mallarino, AP. (2003). Field calibration for corn of the Mehlich-3 soil phosphorus test with colorimetric and inductively coupled plasma emission spectroscopy determination methods. Soil Sci Soc Am J 67: 1928-1934.

Maluf, S; Prá, D; Friedrisch, JR; Bittar, C; da Silva, MA; Henriques, JA; Silla, L. (2009). Length of treatment and dose as determinants of mutagenicity in sickle cell disease patients treated with hydroxyurea. Environ Toxicol Pharmacol 27: 26-29. http://dx.doi.org/10.1016/j.etap.2008.08.004.

Marandure, T; Mapiye, C; Makombe, G; Nengovhela, B; Strydom, P; Muchenje, V; Dzama, K. (2016). Beef traders' and consumers' perceptions on the development of a natural pasture-fed beef brand by smallholder cattle producers in South Africa. African Journal of Range and Forage Science 33: 207-214. http://dx.doi.org/10.2989/10220119.2016.1235616.

Marchesan, S; Easton, CD; Styan, KE; Leech, P; Gengenbach, TR; Forsythe, JS; Hartley, PG. (2013). SU-8 photolithography on reactive plasma thin-films: coated microwells for peptide display. Colloids Surf B Biointerfaces 108: 313-321. http://dx.doi.org/10.1016/j.colsurfb.2013.03.018.

Markwitz, A; Fang, F; Johnson, PB. (2011). Dual N/Pb ion-implanted Si: Temperature dependence of the novel shift of the Pb peak under electron beam annealing. Appl Surf Sci 257: 4856-4862. http://dx.doi.org/10.1016/j.apsusc.2010.12.114.

Mazon, G; Philippin, G; Cadet, J; Gasparutto, D; Fuchs, RP. (2009). The alkyltransferase-like ybaZ gene product enhances nucleotide excision repair of O(6)-alkylguanine adducts in E. coli. DNA Repair 8: 697-703. http://dx.doi.org/10.1016/j.dnarep.2009.01.022.

Mendes, AMS; Duda, GP; Do Nascimento, CWA; Lima, JAG; Medeiros, ADL. (2010). Accumulation of heavy metals and chemical alterations in a Ultisol cultivated with melon. Revista Brasileira de Engenharia AgrÃ-cola e Ambiental - Agriambi 14: 791-796.

Meng, H, u; Luo, J; Wang, W, ei; Shi, Z; Niu, Q; Dai, L, un; Qin, G. (2013). Top-Emission Organic Light-Emitting Diode with a Novel Copper/Graphene Composite Anode. Adv Funct Mater 23: 3324-3328. http://dx.doi.org/10.1002/adfm.201203283.

Meng, LC; Hou, Y, anB; Lou, Z, hiD; Teng, F; Yao, X; Liu, XJ, un; Tang, A, iWei; Peng, J, unB. (2013). Efficient and color-stable white organic light-emitting diodes based on exciton management and phosphorescent sensitization. Synthetic Metals 172: 63-68. http://dx.doi.org/10.1016/j.synthmet.2013.03.022.

Meng, Q; Wang, G; Jiang, H; Wang, Y, un; Xie, S. (2013). Preparation of a fast photochromic ormosil matrix coating for smart windows. Journal of Materials Science 48: 5862-5870. http://dx.doi.org/10.1007/s10853-013-7382-x.

Mi, BX; Gao, ZQ; Lee, CS; Kwong, HL; Wang, NB; Lee, ST. (2001). Efficient green electroluminescence of pure chromaticity from a polycyclic aromatic hydrocarbon. J Mater Chem 11: 2244-2247.

Miao, RM; Ding, BM; Zhang, YY; Wu, WM; You, DH; Fang, ZH; Zhao, R. (2016). [The research of proteome profiling change of 1-bromopropane poisoning cases]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 34: 835-838.

Miao, Y; Gao, Z; Li, Y; Zhang, A; Wang, H, ua; Hao, Y; Jia, H; Liu, X; Xu, B. (2015). Multiple emissive layers white organic light emitting device with nanoplatforms patterning structure for improved current efficiency and color balance. Synthetic Metals 203: 59-67. http://dx.doi.org/10.1016/j.synthmet.2015.02.017.

Miller, TL; Downie, AJ; Cribb, TH. (2009). Morphological disparity despite genetic similarity; new species of Lobosorchis Miller & Cribb, 2005 (Digenea: Cryptogonimidae) from the Great Barrier Reef and the Maldives. Zootaxa37-52.

Mirsaidov, U; Comer, J; Dimitrov, V; Aksimentiev, A; Timp, G. (2010). Slowing the translocation of double-stranded DNA using a nanopore smaller than the double helix. Nanotechnology 21: 395501. http://dx.doi.org/10.1088/0957-4484/21/39/395501.

Mirza, T; Gérin, M; Bégin, D; Drolet, D. (2000). A study on the substitution of trichloroethylene as a spot remover in the textile industry. AIHAJ 61: 431-438.

Mitchell, AE; Zheng, J; Hammock, BD; Lo Bello, M; Jones, AD. (1998). Structural and functional consequences of haloenol lactone inactivation of murine and human glutathione S-transferase. Biochemistry 37: 6752-6759. http://dx.doi.org/10.1021/bi971846r.
Miyazawa, K, ae; Murayama, T. (2007). Heterogeneity of neutral phosphate buffer extractable soil organic matter. Soil Sci Plant Nutr 53: 1-6. http://dx.doi.org/10.1111/j.1747-0765.2007.00103.x.
Mogi, K; Ito, S; Matsuyama, S; Ohara, H; Sakumoto, R; Yayou, K; Ohkura, S; Sutoh, M; Mori, Y; Okamura, H. (2008). Central administration of neuropeptide B, but not prolactin-releasing peptide, stimulates cortisol secretion in sheep. J Reprod Dev 54: 138-141.
Mohideen, SS; Ichihara, S; Subramanian, K; Huang, Z; Naito, H; Kitoh, J; Ichihara, G. (2013). Effects of exposure to 1-bromopropane on astrocytes and oligodendrocytes in rat brain. J Occup Health 55: 29-38. http://dx.doi.org/10.1539/joh.12-0118-OA.
Mori, A; Okada, K. (2010). Phosphate buffer-extractable organic nitrogen as an index of soil-N availability for sorghum and pearl millet. J Plant Nutr Soil Sci 173: 284-290. http://dx.doi.org/10.1002/jpln.200900282.
Mori, M; Ishihara, M; Okumura, J; Yamaguchi, K; Nakamae, K. (2003). Immobilization of viologen moieties on poly(acrylic acid)-grafted polyethylene surface. Sen'i Gakkaishi 59: 260-265.
Nakayama, Y; Machida, S; Miyazaki, Y; Nishi, T; Noguchi, Y; Ishii, H. (2012). Electronic structures at organic heterojunctions of N,N '-bis(1-naphthyl)-N, N '-diphenyl-1,1 '-biphenyl-4,4 '-diamin (NPB)-based organic light emitting diodes. Organic Electronics 13: 2850-2855. http://dx.doi.org/10.1016/j.orgel.2012.08.033.
Neghabi, M; Behjat, A; Mirjalili, B, iBiF; Zamani, L. (2013). Improvement of performance of tetraphenylporphyrin-based red organic light emitting diodes using WO3 and C-60 buffer layers. Curr Appl Phys 13: 302-306. http://dx.doi.org/10.1016/j.cap.2012.08.003.
Nguyen, PH; Scheinert, S; Berleb, S; Bruetting, W; Paasch, G. (2001). The influence of deep traps on transient current voltage characteristics of organic light-emitting diodes. Organic Electronics 2: 105-120.
NIOSH (National Institute for Occupational Safety and Health). (2008). 1-BP: A Potential Occupational Hazard. Retrieved from https://blogs.cdc.gov/niosh-science-blog/2008/12/08/1bp/
NIOSH (National Institute for Occupational Safety and Health). (2010). Pocket Guide: Methyl bromide. Retrieved from http://www.cdc.gov/niosh/npg/npgd0400.html
Niu, L; Guan, M, in; Chu, X; Zeng, Y; Li, Y; Zhang, Y. (2015). Transient Current Response Characteristics in MoO3-Based Organic Light-Emitting Diodes. J Phys Chem C 119: 10526-10531. http://dx.doi.org/10.1021/acs.jpcc.5b03175.
Nivard, MJ; Czene, K; Segerbäck, D; Vogel, EW. (2003). Mutagenic activity of ethylene oxide and propylene oxide under XPG proficient and deficient conditions in relation to N-7-(2-hydroxyalkyl)guanine levels in Drosophila. Mutat Res 529: 95-107. http://dx.doi.org/10.1016/S0027-5107(03)00111-8.
Nohmi, T; Masumura, K. (2005). Molecular nature of intrachromosomal deletions and base substitutions induced by environmental mutagens [Review]. Environ Mol Mutagen 45: 150-161. http://dx.doi.org/10.1002/em.20110.
Nousiainen, T; Zubko, E; Niemi, JV; Kupiainen, K; Lehtinen, M; Muinonen, K; Videen, G. (2009). Single-scattering modeling of thin, birefringent mineral-dust flakes using the discrete-dipole approximation. J Geophys Res Atmos 114. http://dx.doi.org/10.1029/2008JD011564.
NTP. (1990). NTP Toxicology and Carcinogenesis Studies of Glycidol (CAS No. 556-52-5) In F344/N Rats and B6C3F1 Mice (Gavage Studies). 374: 1-229.
NTP. (2003). Monograph on the Potential Human Reproductive and Developmental Effects of 2-Bromopropane (2-BP. 11: i-III11.
NTP (National Toxicology Program). (2011). Glycidol. In Report on Carcinogenes 13th edition. RTP, NC. http://ntp.niehs.nih.gov/ntp/roc/content/profiles/glycidol.pdf.
NTP (National Toxicology Program). (2011). Report on Carcinogens: Propylene oxide. Research Triangle Park, NC.
Odawara, M; Udagawa, T; Shimaoka, G. (2005). Morphological investigation of double positioning growth of (111)-boron phosphide (BP) on the (0001)-GaN. Appl Surf Sci 244: 289-292. http://dx.doi.org/10.1016/j.apsusc.2004.10.147.
Oh, S; Lee, K, umHee; Kim, YK; Yoon, SS, oo. (2012). Highly efficient blue OLEDs based on diphenylaminofluorenylstyrenes end-capped with heterocyclic aromatics. Materials Research Bulletin 47: 2792-2795. http://dx.doi.org/10.1016/j.materresbull.2012.04.055.
Oh, S; Lee, K, umHee; Seo, J, iH; Kim, YK; Yoon, SS, oo. (2011). Highly Efficient Blue Light-Emitting Materials Based on Arylamine Substituted DPVBi Derivatives. J Nanosci Nanotechnol 11: 7250-7253. http://dx.doi.org/10.1166/jnn.2011.4798.
Okamoto, T; Kozaki, M; Doe, M; Uchida, M; Wang, GF; Okada, K. (2005). 1,4-benzoxazino[2,3-b]phenoxazine and its sulfur analogues: Synthesis, properties, and application to organic light-emitting diodes. Chem Mater 17: 5504-5511. http://dx.doi.org/10.1021/cm050723n.
Orselli, E; Maunoury, J; Bascour, D; Catinat, JP. (2012). Orange phosphorescent organic light-emitting diodes with high operational stability. Organic Electronics 13: 1506-1510. http://dx.doi.org/10.1016/j.orgel.2012.04.020.
OSHA (Occupational Safety & Health Administration). (2011). Chemical Exposure Health data. Retrieved from http://www.osha.gov/opengov/healthsamples.html
Osipov, KA; Pavlovskii, VN; Lutsenko, EV; Gurskii, AL; Yablonskii, GP; Hartmann, S; Janssen, A; Johannes, HH; Caspary, R; Kowalsky, W; Meyer, N; Gersdorff, A; Heuken, A; van Gemmern, P; Zimmermann, C; Jessen, F; Kalisch, H; Jansen, RH. (2007). Influence of thermal annealing on photoluminescence and structural properties of N,N '-diphenyl-N,N '-bis(1-naphthylphenyl)-1, 1 '-biphenyl-4,4 '-diamine (alpha-NPD) organic thin films. Thin Solid Films 515: 4834-4837. http://dx.doi.org/10.1016/j.tsf.2006.11.029.
Ostapovets, A; Serra, A. (2014). Characterization of the matrix-twin interface of a (10(1)over-bar2) twin during growth. Philos Mag 94: 2827-2839. http://dx.doi.org/10.1080/14786435.2014.933906.
Osterholm, AM; Hou, SM. (1998). Splicing mutations at the HPRT locus in human T-lymphocytes in vivo. Environ Mol Mutagen 32: 25-32.
Palilis, LC; Murata, H; Uchida, M; Kafafi, ZH. (2003). High efficiency molecular organic light-emitting diodes based on silole derivatives and their exciplexes. Organic Electronics 4: 113-121. http://dx.doi.org/10.1016/j.orgel.2003.08.006.
Pan, QW, a; Lei, F, uMin; Yin, Z, uoHua; Kristin, A; Kanuch, P. (2007). Phylogenetic relationships between Turdus species: Mitochondrial cytochrome b gene analysis. Ornis Fennica 84: 1-11.
Paredes, YA; Caldas, PG; Prioli, R; Cremona, M. (2011). Quality improvement of organic thin films deposited on vibrating substrates. Thin Solid Films 520: 1416-1421. http://dx.doi.org/10.1016/j.tsf.2011.10.040.
Park, G, uiY; Ha, Y. (2008). Red phosphorescent iridium(III) complexes containing 2,3-diphenylquinoline derivatives for OLEDs. Synthetic Metals 158: 120-124. http://dx.doi.org/10.1016/j.synthmet.2007.12.010.

Park, H, yoY; Lee, S. (2015). Highly efficient yellow organic light-emitting diodes based on a hole-dominant host layer co-doped with yellow emitting and electron transporting guests. Curr Appl Phys 15: 1620-1623. http://dx.doi.org/10.1016/j.cap.2015.09.010.
Park, H, oC; Park, JW; Oh, SG. (2009). Well-Organized Highly Efficient White Organic Light Emitting Diodes Using Fluorescent Emitting Materials. J Nanosci Nanotechnol 9: 7260-7264. http://dx.doi.org/10.1166/jnn.2009.1658.
Park, H, oC; Park, JW; Oh, SG. (2010). Highly efficient and stable organic light-emitting diode by balancing drift current of charge. Curr Appl Phys 10: 1103-1107. http://dx.doi.org/10.1016/j.cap.2010.01.005.
Park, J, inWoo; Lim, JT, ae; Oh, JS, ik; Kim, SH, ee; Viet, PP; Jhon, MS; Yeom, GY. (2013). Electron-injecting properties of Rb2CO3-doped Alq(3) thin films in organic light-emitting diodes. Journal of Vacuum Science and Technology A 31. http://dx.doi.org/10.1116/1.4798302.
Park, JK; Kim, DE, un; Hoanh, TD, ac; Kwon, YS, oo; Lee, BJ. (2008). Zinc Complex Based on 2-(5-Methyl-2-hydroxyphenyl)benzotriazole: Synthesis and Electroluminescence Characteristics. J Nanosci Nanotechnol 8: 5071-5075. http://dx.doi.org/10.1166/jnn.2008.1213.
Park, JK; Lee, K, umHee; Kang, S; Lee, J, inY; Park, JS, un; Seo, J, iH; Kim, YK; Yoon, SS, oo. (2010). Highly efficient blue-emitting materials based on 10-naphthylanthracene derivatives for OLEDs. Organic Electronics 11: 905-915. http://dx.doi.org/10.1016/j.orgel.2010.02.009.
Park, JK; Lee, K, umHee; Park, JS, un; Seo, J, iH; Kim, YK; Yoon, SS, oo. (2011). Highly Efficient Blue Light-Emitting Diodes Based on Diarylanthracene/Triphenylsilane Compounds. J Nanosci Nanotechnol 11: 4357-4362. http://dx.doi.org/10.1166/jnn.2011.3698.
Park, JW; Lee, SE; Park, HC; Chung, TG; Seo, HJ. (2004). Synthesis and electroluminescent properties of diphenyl benzeneamine derivatives as dopant material. Mater Sci Eng C 24: 103-106. http://dx.doi.org/10.1016/j.msec.2003.09.033.
Park, NR; Ryu, GY; Lim, DH; Lee, SJ; Kim, YK; Shin, DM. (2014). Effects of co-doping on the red fluorescent OLEDS. J Nanosci Nanotechnol 14: 5109-5113. http://dx.doi.org/10.1166/jnn.2014.8427.
Park, S; Lee, H; Lee, J; Lee, Y; Yi, Y. (2014). Electronic structures of CuI interlayers in organic electronic devices: An interfacial studies of N,N '-diphenyl-N,N '-bis(1-naphthyl)-1,1 '-biphenyl-4,4 '-diamine/CuI and tris-(8-hydroxyquinolinato)aluminum/CuI. Organic Electronics 15: 3298-3305. http://dx.doi.org/10.1016/j.orgel.2014.09.005.
Park, S, ooNa; Lee, HW, oo; Kim, YS; Kim, J; Lee, SE, un; Lee, H, oWon; Kim, YK; Yoon, SS, oo. (2015). Blue organic light-emitting diodes based on phenyl-bridged fluoranthene and triphenylene derivatives. Synthetic Metals 206: 124-130. http://dx.doi.org/10.1016/j.synthmet.2015.05.020.
Park, TJ; Kim, SY; Jeon, WS; Park, JJ; Pode, R; Jang, J; Kwon, JH. (2008). Electrical characterization of N- and P-doped hole and electron only organic devices. J Nanosci Nanotechnol 8: 5606-5609. http://dx.doi.org/10.1166/jnn.2008.1434.
Park, Y; Kim, B; Lee, C; Hyun, A; Jang, S; Lee, J, iH; Gal, YS; Kim, T, aeH; Kim, KS, oo; Park, J. (2011). Highly Efficient New Hole Injection Materials for OLEDs Based on Dimeric Phenothiazine and Phenoxazine Derivatives. J Phys Chem C 115: 4843-4850. http://dx.doi.org/10.1021/jp108719w.
Park, Y; Kim, B; Lee, C; Lee, J; Lee, J, iH; Park, J. (2012). High Efficiency New Hole Injection Materials for Organic Light Emitting Diodes Based on Dimeric Phenothiazine and Phenoxazine Moiety Derivatives. J Nanosci Nanotechnol 12: 4356-4360. http://dx.doi.org/10.1166/jnn.2012.5886.
Patra, G; Williams, LE; Qi, Y; Rose, S; Redkar, R; Delvecchio, VG. (2002). Rapid genotyping of Bacillus anthracis strains by real-time polymerase chain reaction. Ann N Y Acad Sci 969: 106-111.
Patten, KO; Khamaganov, VG; Orkin, VL; Baughcum, SL; Wuebbles, DJ. (2011). OH reaction rate constant, IR absorption spectrum, ozone depletion potentials and global warming potentials of 2-bromo-3,3,3-trifluoropropene. J Geophys Res Atmos 116. http://dx.doi.org/10.1029/2011JD016518.
Paulechka, YU; Kabo, GJ; Blokhin, AV; Firaha, DS. (2011). Thermodynamics of Ionic Liquid Precursors. 1-Bromobutane and Its Isomers. Journal of Chemical and Engineering Data 56: 4891-4899. http://dx.doi.org/10.1021/je200814m.
Pavlicev, M; Mayer, W. (2006). Multiple copies of coding as well as pseudogene c-mos sequence exist in three lacertid species. J Exp Zoolog B Mol Dev Evol 306: 539-550. http://dx.doi.org/10.1002/jez.b.21110.
Peng, J; Ye, K; Zhang, G; Zhan, Y; Jia, J; Xue, P; Lu, R, an. (2014). Synthesis, photophysical and electroluminescent properties of phenanthroimidazole derivatives with terminal carbazole or pyrene. Synthetic Metals 193: 94-101. http://dx.doi.org/10.1016/j.synthmet.2014.04.004.
Peng, T, ai; Li, G; Ye, K; Wang, C; Zhao, S; Liu, Y, u; Hou, Z; Wang, Y, ue. (2013). Highly efficient phosphorescent OLEDs with host-independent and concentration-insensitive properties based on a bipolar iridium complex. 1: 2920-2926. http://dx.doi.org/10.1039/c3tc00500c.
Peng, Z; Tao, S; Zhang, X; Tang, J; Lee, CS; Lee, ST. (2008). New fluorene derivatives for blue electroluminescent devices: Influence of substituents on thermal properties, photoluminescence, and electroluminescence. J Phys Chem C 112: 2165-2169. http://dx.doi.org/10.1021/jp074834g.
Perego, C; Millini, R; Parker, WO; Belussi, G; Romano, U. (2004). Influence of zeolite pore structure on benzene propylation to iso-/n-propylbenzene. Stud Surf Sci Catal 154: 2239-2246.
Pereira, D; Pinto, A; California, A; Gomes, J; Pereira, L. (2016). Control of a White Organic Light Emitting Diode emission parameters using a single doped RGB active layer. Mater Sci Eng B 211: 156-165. http://dx.doi.org/10.1016/j.mseb.2016.07.004.
Peters, K; Raupp, S; Hummel, H; Bruns, M; Scharfer, P; Schabel, W. (2016). Formation of blade and slot die coated small molecule multilayers for OLED applications studied theoretically and by XPS depth profiling. 6. http://dx.doi.org/10.1063/1.4953845.
Pimentel, MC; Leão, AB; Melo, EH; Ledingham, WM; Filho, JL; Sivewright, M; Kennedy, JF. (2007). Immobilization of Candida rugosa lipase on magnetized Dacron: kinetic study. Artificial Cells, Blood Substitutes, and Biotechnology 35: 221-235. http://dx.doi.org/10.1080/10731190601188380.
Pisso, I; Haynes, PH; Law, KS. (2010). Emission location dependent ozone depletion potentials for very short-lived halogenated species. Atmos Chem Phys 10: 12025-12036. http://dx.doi.org/10.5194/acp-10-12025-2010.
Piva, A; Pizzamiglio, V; Morlacchini, M; Tedeschi, M; Piva, G. (2007). Lipid microencapsulation allows slow release of organic acids and natural identical flavors along the swine intestine. J Anim Sci 85: 486-493. http://dx.doi.org/10.2527/jas.2006-323.
Plna, K; Nilsson, R; Koskinen, M; Segerback, D. (1999). 32P-postlabelling of propylene oxide 1- and N6-substituted adenine and 3-substituted cytosine/uracil: formation and persistence in vitro and in vivo. Carcinogenesis 20(10): 2025- 2032. (Supported by the American Chemical Manufacturer's Association. Authors affiliated with. Carcinogenesis 20: 2025-2032.

Pollack, AZ; Perkins, NJ; Sjaarda, L; Mumford, SL; Kannan, K; Philippat, C; Wactawski-Wende, J; Schisterman, EF. (2016). Variability and exposure classification of urinary phenol and paraben metabolite concentrations in reproductive-aged women. Environ Res 151: 513-520. http://dx.doi.org/10.1016/j.envres.2016.08.016.

Polowinski, S; Jantas, R. (2008). Antibacterial and Catalytic Properties of Textiles with Modified Surfaces. 16: 104-107.

Popovic, ZD; Xie, S; Hu, N; Hor, A; Fork, D; Anderson, G; Tripp, C. (2000). Life extension of organic LED's by doping of a hole transport layer. Thin Solid Films 363: 6-8.

Qian, D; Lu, Z; Jian, S; XiQing, Z; YongSheng, W. (2012). Organic photodetectors based on transparent electrodes for application in ultraviolet light detection. Science China Technological Sciences 55: 1551-1555. http://dx.doi.org/10.1007/s11431-012-4806-9.

Qian, G; Zhong, Z, e; Luo, M, in; Yu, D; Zhang, Z; Ma, D; Wang, Z, hiY. (2009). Synthesis and Application of Thiadiazoloquinoxaline-Containing Chromophores as Dopants for Efficient Near-Infrared Organic Light-Emitting Diodes. J Phys Chem C 113: 1589-1595. http://dx.doi.org/10.1021/jp809568a.

Qin, D; Jin, S; Chen, Y; Wang, W; Chen, L, i. (2015). The improved performance in inverted organic light-emitting diodes using the hybrid-p-doped hole transport layer. Applied Physics A: Materials Science and Processing 120: 651-655. http://dx.doi.org/10.1007/s00339-015-9233-x.

Qin, D; Liu, J; Chen, Y; Chen, L, ei; Quan, W, ei; Li, G. (2012). Increased performance in the organic light-emitting diode employing two p-doped hole transport layers. Semiconductor Science and Technology 27. http://dx.doi.org/10.1088/0268-1242/27/4/045012.

Qin, W, ei; Liu, J; Chen, S; Lam, JWY; Arseneault, M; Yang, Z; Zhao, Q; Kwok, H, oiS; Tang, B, enZ. (2014). Crafting NPB with tetraphenylethene: a win-win strategy to create stable and efficient solid-state emitters with aggregation-induced emission feature, high hole-transporting property and efficient electroluminescence. 2: 3756-3761. http://dx.doi.org/10.1039/c4tc00145a.

Qiu, Y; Qiao, J. (2000). Photostability and morphological stability of hole transporting materials used in organic electroluminescence. Thin Solid Films 372: 265-270.

Qiu, Y; Qiao, J; Gao, YD; Zhang, DQ; Wang, LD. (2002). A novel 1,5-naphthylenediamine derivative as potential organic blue light-emitting material. Synthetic Metals 129: 25-28.

Quirino, WG; Legnani, C; Cremona, M; Lima, PP; Junior, SA; Malta, OL. (2006). White OLED using beta-diketones rare earth binuclear complex as emitting layer. Thin Solid Films 494: 23-27. http://dx.doi.org/10.1016/j.tsf.2005.08.185.

Quirino, WG; Legnani, C; dos Santos, RMB; Teixeira, KC; Cremona, M; Guedes, MA; Brito, HF. (2008). Electroluminescent devices based on rare-earth tetrakis beta-diketonate complexes. Thin Solid Films 517: 1096-1100. http://dx.doi.org/10.1016/j.tsf.2008.06.012.

Radaoui, M; Ben Fredj, A; Romdhane, S; Bouaicha, M; Bouchriha, H. (2013). Enhancement of magneto-conductance in n-Si/n-PS/NPB structures at room temperature. Mater Sci Eng B 178: 1416-1421. http://dx.doi.org/10.1016/j.mseb.2013.08.019.

Ramadass, K; Smith, E; Palanisami, T; Mathieson, G; Srivastava, P; Megharaj, M; Naidu, R. (2015). Evaluation of constraints in bioremediation of weathered hydrocarbon-contaminated arid soils through microcosm biopile study. Int J Environ Sci Tech 12: 3597-3612. http://dx.doi.org/10.1007/s13762-015-0793-2.

Ramos-Chavez, LA; Sordo, M; Calderon-Aranda, E; Castañeda-Saucedo, E; Ostrosky-Wegman, P; Moreno-Godinez, ME. (2015). A permethrin/allethrin mixture induces genotoxicity and cytotoxicity in human peripheral blood lymphocytes. J Toxicol Environ Health A 78: 7-14. http://dx.doi.org/10.1080/15287394.2015.956025.

Rao, MVM; Su, Y, anK; Huang, TS; Chen, Y, iC. (2010). White Organic Light Emitting Devices Based on Multiple Emissive Nanolayers. Nano-Micro Letters 2: 242-246. http://dx.doi.org/10.3786/nml.v2i4.p242-246.

Rao, MVM; Su, YK; Liu, YC; Huang, TS. (2016). LOW DRIVING VOLTAGE FOR FLEXIBLE ORGANIC LIGHT EMITTING DIODES BASED ON TRANSPARENT ANODE. Digest Journal of Nanomaterials and Biostructures 11: 865-872.

Riel, H; Brutting, W; Beierlein, T; Haskal, E; Muller, P; Riess, W. (2000). Influence of space charges on the current-voltage characteristic of organic light-emitting devices. Synthetic Metals 111: 303-306.

Rink, KK; Kozinski, JA; Lighty, JS. (1995). BIOSLUDGE INCINERATION IN FBCS - BEHAVIOR OF ASH PARTICLES. Combust Flame 100: 121-132.

Ríos-Blanco, MN; Faller, TH; Nakamura, J; Kessler, W; Kreuzer, PE; Ranasinghe, A; Filser, JG; Swenberg, JA. (2000). Quantitation of DNA and hemoglobin adducts and apurinic/apyrimidinic sites in tissues of F344 rats exposed to propylene oxide by inhalation. Carcinogenesis 21: 2011-2018.

Ríos-Blanco, MN; Ranasinghe, A; Lee, MS; Faller, T; Filser, JG; Swenberg, JA. (2003). Molecular dosimetry of N7-(2-hydroxypropyl)guanine in tissues of F344 rats after inhalation exposure to propylene oxide. Carcinogenesis 24: 1233-1238. http://dx.doi.org/10.1093/carcin/bgg087.

Ruiz, DRY; Moumen, A; Alcaide, EM. (2004). Comparative studies on microbial protein synthesis in the rumen of goats and sheep. J Anim Feed Sci 13: 251-254.

Rustan, PL; Verga, RL; Nikolich, M; Wiley, RL; Straw, DC. (1991). SDIO PULSED POWER RESEARCH-AND-DEVELOPMENT REQUIREMENTS. I E E E Transactions on Electron Devices 38: 686-691.

Ryu, GY; Lee, SG; Lim, SH; Kim, GY; Kim, YK; Shin, DM. (2009). A non-doped organic light emitting diode with pure red emission using a new host emitter. J Nanosci Nanotechnol 9: 6983-6987. http://dx.doi.org/10.1166/jnn.2009.1655.

Ryu, GY; Shin, SE; Seo, JH; Park, JS; Chang, HM; Shin, S; Kim, YK; Shin, DM. (2011). A Study on White Organic Light-Emitting Diodes Co-Doped with Red Fluorescent and Blue Phosphorescent Dopants. J Nanosci Nanotechnol 11: 4430-4433. http://dx.doi.org/10.1166/jnn.2011.3706.

Sahasithiwat, S; Sooksimuang, T; Kangkaew, L; Panchan, W. (2017). 3,12-Dimethoxy-5,6,9,10-tetrahydro-7,8-dicyano-[5]helicene as a new emitter for blue and white organic light-emitting diodes. Dyes and Pigments 136: 754-760. http://dx.doi.org/10.1016/j.dyepig.2016.09.042.

Sahoo, PK; Sheu, JP. (2003). An efficient channel allocation technique for multiple videos-on-demand. Multimedia Tools and Applications 20: 67-81.

Saito, H; Okumoto, Y; Yoshitake, Y; Inoue, H; Yuan, Q; Teraishi, M; Tsukiyama, T; Nishida, H; Tanisaka, T. (2011). Complete loss of photoperiodic response in the rice mutant line X61 is caused by deficiency of phytochrome chromophore biosynthesis gene. Theor Appl Genet 122: 109-118. http://dx.doi.org/10.1007/s00122-010-1426-2.

Sari, A; Zamani, Y; Taheri, SA, li. (2009). Intrinsic kinetics of Fischer-Tropsch reactions over an industrial Co-Ru/gamma-Al2O3 catalyst in slurry phase reactor. Fuel Process Tech 90: 1305-1313. http://dx.doi.org/10.1016/j.fuproc.2009.06.024.

Sarret, G; Manceau, A; Spadini, L; Roux, JC; Hazemann, JL; Soldo, Y; Eybert-Berard, L; Menthonnex, JJ. (1998). Structural determination of Zn and Pb binding sites in Penicillium chrysogenum cell walls by EXAFS spectroscopy. Environ Sci Technol 32: 1648-1655.

Sayfzadeh, S; Habibi, D; Taleghani, DF; Kashani, A; Vazan, S; Qaen, SHS; Khodaei, AH; Mashhadi, M; Boojar, A; Rashidi, M. (2011). Response of Antioxidant Enzyme Activities and Root Yield in Sugar Beet to Drought Stress. International Journal of Agriculture and Biology 13: 357-362.

Scheckel, KG; Impellitteri, CA; Ryan, JA. (2004). Lead sorption on ruthenium oxide: A macroscopic and spectroscopic study. Environ Sci Technol 38: 2836-2842. http://dx.doi.org/10.1021/es035212l.

Schuette, A; Boelens, OJ; Oehlke, M; Jirasek, A; Loeser, T. (2012). Prediction of the flow around the X-31 aircraft using three different CFD methods. Aerospace Science and Technology 20: 21-37. http://dx.doi.org/10.1016/j.ast.2011.07.014.

Schulte, PA; Mckernan, LT; Heidel, DS; Okun, AH; Dotson, GS; Lentz, TJ; Geraci, CL; Heckel, PE; Branche, CM. (2013). Occupational safety and health, green chemistry, and sustainability: a review of areas of convergence [Review]. Environ Health 12: 31. http://dx.doi.org/10.1186/1476-069X-12-31.

Schulz, U; Praefke, C; Munzert, P; Goedeker, C; Kaiser, N. (2011). Formation of antireflective nanostructures on melamine and N,N '-di(1-naphthyl)-N,N ' diphenyl benzidine (NPB). 1: 101-107.

Schwarzenbach, RP; Giger, W; Schaffner, C; Wanner, O. (1985). GROUNDWATER CONTAMINATION BY VOLATILE HALOGENATED ALKANES ABIOTIC FORMATION OF VOLATILE SULFUR COMPOUNDS UNDER ANAEROBIC CONDITIONS. Environ Sci Technol 19: 322-327. http://dx.doi.org/10.1021/es00134a003.

Schwarzenbacher, H; Wurmser, C; Flisikowski, K; Misurova, L; Jung, S; Langenmayer, MC; Schnieke, A; Knubben-Schweizer, G; Fries, R; Pausch, H. (2016). A frameshift mutation in GON4L is associated with proportionate dwarfism in Fleckvieh cattle. 48: 25. http://dx.doi.org/10.1186/s12711-016-0207-z.

Segerbäck, D; Plná, K; Faller, T; Kreuzer, PE; Hakansson, K; Filser, JG; Nilsson, R. (1998). Tissue distribution of DNA adducts in male Fischer rats exposed to 500 ppm of propylene oxide: quantitative analysis of 7-(2-hydroxypropyl)guanine by 32P-postlabelling. Chem Biol Interact 115: 229-246.

Seo, HJ; Park, HC; Lee, SE; Park, JW. (2005). Synthesis and electroluminescent properties of carbazolyl vinylene derivatives. Curr Appl Phys 5: 209-212. http://dx.doi.org/10.1016/j.cap.2003.11.085.

Seo, JA; Lee, CW, on; Gong, MS. (2013). Spirobenzofluorene linked anthracene derivatives: Synthesis and application in blue fluorescent host materials. Dyes and Pigments 96: 211-219. http://dx.doi.org/10.1016/j.dyepig.2012.08.011.

Seong, NC; Jeon, YM, in; Lim, T, aeHo; Kim, JW, oo; Lee, CW, on; Lee, E, nJ; Jang, J, iG; Jang, H, oJ; Lee, JY; Gong, MS. (2007). Organic light-emitting device using new distyrylarylene host materials. Synthetic Metals 157: 421-426. http://dx.doi.org/10.1016/j.synthmet.2007.04.015.

Shangguan, R; Mu, G; Qiao, X; Wang, L, ei; Cheah, K, okWai; Zhu, X; Chen, CH. (2011). Low sublimation temperature cesium pivalate complex as an efficient electron injection material for organic light-emitting diode devices. Organic Electronics 12: 1957-1962. http://dx.doi.org/10.1016/j.orgel.2011.08.005.

Shen, Q, un; Ye, S; Yu, G, ui; Lu, P; Liu, Y. (2008). Synthesis of tetraarylsilanes and its usage as blue emitters in electroluminescence. Synthetic Metals 158: 1054-1058. http://dx.doi.org/10.1016/j.synthmet.2008.07.012.

Shen, WC; Su, Y, anK; Ji, LW, en. (2006). High bright white organic light-emitting diode based on mixing orange and blue emission. J Cryst Growth 293: 48-51. http://dx.doi.org/10.1016/j.jcrysgro.2006.03.062.

Sherchan, J; Choi, H; Lee, ES. (2009). Depurination of nucleosides and calf thymus DNA induced by 2-bromopropane at the physiological condition. Bull Kor Chem Soc 30: 2309-2317.

Sherchan, J; Yun, M; Lee, E, -S. (2009). Deadenylation of adenine based- nucleosides and calf thymus DNA induced by halogenated alkanes at the physiological condition. Bull Kor Chem Soc 30: 2318-2328.

Shi, H, eP; Dai, J, xin; Wu, XH; Shi, L, iwen; Yuan, JD; Fang, L, i; Miao, Y, anqin; Du, XG; Wang, H, ua; Dong, C. (2013). A novel dimesitylboron-substituted indolo[3,2-b]carbazole derivative: Synthesis, electrochemical, photoluminescent and electroluminescent properties. Organic Electronics 14: 868-874. http://dx.doi.org/10.1016/j.orgel.2012.12.028.

Shi, S; Ma, D. (2006). Improved performance and stability by an Al/Ni bilayer cathode in organic light-emitting diodes. Appl Surf Sci 253: 1551-1554. http://dx.doi.org/10.1016/j.apsusc.2006.02.038.

Shi, S; Ma, D. (2006). NaCl/Ca/Al as an efficient cathode in organic light-emitting devices. Appl Surf Sci 252: 6337-6341. http://dx.doi.org/10.1016/j.apsusc.2005.08.036.

Shi, S; Ma, D; Peng, J. (2007). Improved electron injection in organic light-emitting devices with a lithium acetylacetonate [Li(acac)]/aluminium bilayer cathode. Semiconductor Science and Technology 22: 249-252. http://dx.doi.org/10.1088/0268-1242/22/3/013.

Shi, SW; Ma, DG. (2005). A pentacene-doped hole injection layer for organic light-emitting diodes. Semiconductor Science and Technology 20: 1213-1216. http://dx.doi.org/10.1088/0268-1242/20/12/012.

Shi, Y, uM; Deng, Z, bo; Xu, D, hui; Chen, Z; Li, X, iuF. (2007). Quantum well organic light emitting diodes with ultra thin Rubrene layer. Displays 28: 97-100. http://dx.doi.org/10.1016/j.displa.2007.02.001.

Shi, Y, uM; Deng, Z, bo; Xu, D, hui; Xiao, J. (2006). Organic light-emitting diodes with improved hole-electron balance and tunable light emission with aromatic diamine/bathocuproine multiple hole-trapping-layer. Displays 27: 166-169. http://dx.doi.org/10.1016/j.displa.2006.05.003.

Shim, S; Kim, J, inTae; Shin, E, unJin; Chung, N, akK; Ko, MK, yu; Kwon, O; Yun, J, uY. (2016). Phase behaviors of NPB molecule under vacuum. Materials Research Bulletin 82: 67-70. http://dx.doi.org/10.1016/j.materresbull.2016.01.054.

Shin, D; Lee, J; Lee, H; Kim, H; Yi, Y. (2014). Evidence for the changes in hole injection mechanism with a CoPc hole injection layer. Curr Appl Phys 14: 778-783. http://dx.doi.org/10.1016/j.cap.2014.03.006.

Shin, H; Kang, H; Kim, JH; Wang, Y; Kim, S; Kay, K; Park, J. (2015). Synthesis and Electroluminescence Property of New Hexaphenyl Benzene Derivatives Including Emitting Core for OLED. J Nanosci Nanotechnol 15: 8289-8294. http://dx.doi.org/10.1166/jnn.2015.11260.

Shin, H; Wang, YF; Kim, JH; Lee, J; Kay, KY; Park, J. (2013). Synthesis and electroluminescence property of new hexaphenylbenzene derivatives including amine group for blue emitters. Nanoscale Res Lett 8: 421. http://dx.doi.org/10.1186/1556-276X-8-421.

Shin, W, onJu; Lee, J, eYun; Kim, J, aeC; Yoon, T, aeH; Kim, T, aeS; Song, O, kK. (2008). Bulk and interface properties of molybdenum trioxide-doped hole transporting layer in organic light-emitting diodes. Organic Electronics 9: 333-338. http://dx.doi.org/10.1016/j.orgel.2007.12.001.

Silva, AC; Vidal-Torrado, P; Cortizas, AM; Rodeja, EG. (2004). Soils of the Sao Jose Hills (Minas Gerais State, Brazil) and their relationship with palaeoclimate in southeastern Brazil. Revista Brasileira de Ciencia do Solo 28: 455-466.

Silva, VM; Pereira, L. (2006). The nature of the electrical conduction and light emitting efficiency in organic semiconductors layers: The case of [m-MTDATA]-[NPB]-Alq3 OLED. Journal of Non-Crystalline Solids 352: 5429-5436. http://dx.doi.org/10.1016/j.jnoncrysol.2006.08.016.

Simonet, J; Peters, DG. (2004). Electrochemical conversion of primary alkyl halides to alkenes at platinum cathodes. J Electrochem Soc 151: D7-D12. http://dx.doi.org/10.1149/1.1636179.

Siviour, NG; Ng, K. (1994). MG-PB PHASE-DIAGRAM AND PHASE-TRANSFORMATIONS IN THE INTERMETALLIC COMPOUNDS MG2PB AND BETA'. Metallurgical and Materials Transactions B - Process Metallurgy and Materials Processing Science 25: 265-275.

SK, L; CH, J; SH, H; DW, L; GH, K; TW, J; Lee, J; DH, K; HG, J; ES, L; a, JT. (2005). Identification of glutathione conjugates and mercapturic acids of 1,2-dibromopropane in female BALB/c mice by liquid chromatography-electrospray ionization tandem mass spectrometry. Xenobiotica 35(1): 97-105. (Supported by KOSEF, Korea. Authors affiliated with. 35: 97-105. http://dx.doi.org/10.1080/00498250400021937.

Small, CE; Tsang, S, aiW; Kido, J; So, S, huK; So, F. (2012). Origin of Enhanced Hole Injection in Inverted Organic Devices with Electron Accepting Interlayer. Adv Funct Mater 22: 3261-3266. http://dx.doi.org/10.1002/adfm.201200185.

SMARTe (Sustainable Management Approaches and Revitalization Tools - electronic). (2012). Understanding Units of Measurement. Retrieved from http://www.smarte.org/smarte/home/index.xml

Son, H, oJin; Han, W, onSik; Han, S, uJ; Lee, C; Kang, SO, ok. (2010). Electrochemically Active Dendrimers for the Manufacture of Multilayer Films: Electrochemical Deposition or Polymerization Process by End-Capped Triarylamine or Carbazole Dendrimer. J Phys Chem C 114: 1064-1072. http://dx.doi.org/10.1021/jp9083184.

Son, H, oJin; Han, W, onSik; Wee, KR; Lee, S, uH; Hwang, A, hR; Kwon, S; Cho, D, aeWon; Suh, I, lH; Kang, SO, ok. (2009). Intermolecular peripheral 2,5-bipyridyl interactions by cyclization of 1,1 '-silanylene unit of 2,3,4,5-aryl substituted siloles: enhanced thermal stability, high charge carrier mobility, and their application to electron transporting layers for OLEDs. J Mater Chem 19: 8964-8973. http://dx.doi.org/10.1039/b915214h.

Son, M, inJ; Kim, S; Kwon, S; Kim, JW, on. (2009). Interface electronic structures of organic light-emitting diodes with WO3 interlayer: A study by photoelectron spectroscopy. Organic Electronics 10: 637-642. http://dx.doi.org/10.1016/j.orgel.2009.02.017.

Song, J, iY; Lee, SB, ee; Lee, SJ, ae; Kim, YK; Yoon, SS, oo. (2015). Organic light-emitting diodes based on 9-(2-naphthyl)anthracene derivatives with a triphenylsilane unit as the deep-blue emitting layer. Thin Solid Films 577: 42-48. http://dx.doi.org/10.1016/j.tsf.2015.01.050.

Song, J, iY; Lee, SJ, ae; Kim, YK; Yoon, SS, oo. (2014). Highly efficient non-doped organic light emitting diodes (OLEDs) using anthracene derivatives with triphenylsilane unit. Materials Research Bulletin 58: 145-148. http://dx.doi.org/10.1016/j.materresbull.2014.03.021.

Song, J, in; Qin, D; Chen, Y; Wang, W; Chen, L, i. (2016). Unlocking the potential of p-doped hole transport layers in inverted organic light emitting diodes. Displays 45: 44-47. http://dx.doi.org/10.1016/j.displa.2015.12.003.

Song, L; Hu, Y; Zhang, N; Li, Y; Lin, J; Liu, X. (2016). Improved Performance of Organic Light-Emitting Field-Effect Transistors by Interfacial Modification of Hole-Transport Layer/Emission Layer: Incorporating Organic Heterojunctions. 8: 14063-14070. http://dx.doi.org/10.1021/acsami.6b02618.

Song, S; Kim, CW, oo; Moon, J, inS; Kim, S. (2014). At least nine independent natural mutations of the DFR-A gene are responsible for appearance of yellow onions (Allium cepa L.) from red progenitors. Molecular Breeding 33: 173-186. http://dx.doi.org/10.1007/s11032-013-9942-9.

Song, W; Meng, M, ei; Cheah, K; Zhu, F, uR; Kim, W, ooY. (2015). RGB Recombination Zone Tuning to Improve Optical Characteristics of White Organic Light-Emitting Diodes. J Nanosci Nanotechnol 15: 3697-3702. http://dx.doi.org/10.1166/jnn.2015.9260.

SRI Consulting. (2012). Directory of Chemical Producers. Database edition. Menlo Park, CA.

Stafford, E; Bosque, JL; Martinez, C; Vallejo, F; Beivide, R; Camarero, C; Castillo, E. (2016). Assessing the Suitability of King Topologies for Interconnection Networks. I E E E Transactions on Parallel and Distributed Systems 27: 682-694. http://dx.doi.org/10.1109/TPDS.2015.2409865.

Standeven, AM; Goldsworthy, TL. (1994). Identification of hepatic mitogenic and cytochrome P-450-inducing fractions of unleaded gasoline in B6C3F1 mice. J Toxicol Environ Health 43: 213-224. http://dx.doi.org/10.1080/15287399409531916.

Stolzenberg, SJ; Hine, CH. (1979). Mutagenicity of halogenated and oxygenated three-carbon compounds. J Toxicol Environ Health 5: 1149-1158. http://dx.doi.org/10.1080/15287397909529820.

Stroup-Gardiner, M; Nelson, JW. (2001). Use of n-propyl bromide solvents for extraction and recovery of asphalt cements. Journal of Testing and Evaluation 29: 432-441.

Styers, DM; Chappelka, AH. (2009). Urbanization and Atmospheric Deposition: Use of Bioindicators in Determining Patterns of Land-Use Change in West Georgia. Water Air Soil Pollut 200: 371-386. http://dx.doi.org/10.1007/s11270-008-9919-1.

Suda, M; Honma, T; Miyagawa, M; Wang, RS. (2008). Alteration of brain levels of neurotransmitters and amino acids in male F344 rats induced by three-week repeated inhalation exposure to 1-bromopropane. Ind Health 46: 348-359. http://dx.doi.org/10.2486/indhealth.46.348.

Suescun-Florez, E; Roslyakov, S; Iskander, M; Baamer, M. (2015). Geotechnical Properties of BP-1 Lunar Regolith Simulant. J Aerosp Eng 28. http://dx.doi.org/10.1061/(ASCE)AS.1943-5525.0000462.

Sun, J; Wang, H, ua; Xu, H; Li, J, ie; Wu, Y; Du, X; Xu, B. (2015). Synthesis, structure, photophysical and electroluminescent properties of a blue-green self-host phosphorescent iridium(III) complex. Mater Chem Phys 162: 392-399. http://dx.doi.org/10.1016/j.matchemphys.2015.06.005.

Sun, MC; Jou, JH; Weng, WK; Huang, YS. (2005). Enhancing the performance of organic light-emitting devices by selective thermal treatment. Thin Solid Films 491: 260-263. http://dx.doi.org/10.1016/j.tsf.2005.05.036.

Sun, PP; Duan, JP; Lih, JJ; Cheng, CH. (2003). Synthesis of new europium complexes and their application in electroluminescent devices. Adv Funct Mater 13: 683-691. http://dx.doi.org/10.1002/adfm.200304378.
Sun, Q; Dong, G; Li, D; Duan, L; Wang, L; Qiu, Y. (2012). Dark current and photovoltage models on the formation of depletion region in C-60/NPB organic heterojunctions. Organic Electronics 13: 3276-3283. http://dx.doi.org/10.1016/j.orgel.2012.09.022.
Sun, XW; Huang, JZ; Wang, JX; Xu, Z. (2008). A ZnO nanorod inorganic/organic heterostructure light-emitting diode emitting at 342 nm. Nano Lett 8: 1219-1223. http://dx.doi.org/10.1021/nl080340z.
Sun, XY; Li, WL; Xu, ML; Chu, B; Bi, DF; Li, B; Hu, YW; Zhang, ZQ; Hu, ZZ. (2008). High-efficiency red phosphorescent organic light-emitting diodes based on metal-microcavity structure. Solid-State Electronics 52: 211-214. http://dx.doi.org/10.1016/j.sse.2007.09.001.
Sun, Z; Mou, X. (2016). Effects of sediment burial disturbance on macro and microelement dynamics in decomposing litter of Phragmites australis in the coastal marsh of the Yellow River estuary, China. Environ Sci Pollut Res Int 23: 5189-5202. http://dx.doi.org/10.1007/s11356-015-5756-0.
Sundriyal, V; Sosonkina, M. (2016). Joint frequency scaling of processor and DRAM. Journal of Supercomputing 72: 1549-1569. http://dx.doi.org/10.1007/s11227-016-1680-4.
SZ, Y; A, B. GABA's control of stem and cancer cell proliferation in adult neural and peripheral niches. Physiology 24: 171-185. (Supported by NIH. Authors affiliated with.
Sze, PW; Huang, CJ; Lin, FY; Lan, WH. (2015). Enhancement Performances in White Organic Light-Emitting Diode (WOLED) by Formation of Charge-Transfer (CT) Complex. J Nanosci Nanotechnol 15: 9178-9183. http://dx.doi.org/10.1166/jnn.2015.11413.
Sztrum, CG; Rabani, E. (2006). Out-of-equilibrium self-assembly of binary mixtures of nanoparticles. Adv Mater Deerfield 18: 565-+. http://dx.doi.org/10.1002/adma.200501408.
Tachizawa, H; MacDonald, TL; Neal, RA. (1982). Rat liver microsomal metabolism of propyl halides. Mol Pharmacol 22: 745-751.
Takebayashi, Y; Morii, N; Sue, K; Furuya, T; Yoda, S; Ikemizu, D, ai; Taka, H. (2015). Solubility of N,N '-Di(1-naphthyl)-N,N '-diphenyl Benzidine (NPB) in Various Organic Solvents: Measurement and Correlation with the Hansen Solubility Parameter. Ind Eng Chem Res 54: 8801-8808. http://dx.doi.org/10.1021/acs.iecr.5b01219.
Takehara, ZI; Ogumi, Z; Uchimoto, Y; Yasuda, K. (1995). ENHANCEMENT OF THE MONOVALENT CATION PERM-SELECTIVITY OF NAFION BY PLASMA-INDUCED SURFACE MODIFICATION. J Adhes Sci Tech 9: 615-625.
Talanov, MV; Razumovskaya, ON; Shilkina, LA; Reznichenko, LA. (2013). Effect of barium on the structure and dielectric properties of multicomponent ceramics based on ferroelectric relaxors. Inorg Mater 49: 957-961. http://dx.doi.org/10.1134/S0020168513090197.
Tamir, A; Wisniak, J. (1986). LIQUID VAPOR EQUILIBRIA AT 760 MMHG IN THE SYSTEMS METHANOL ACETONITRILE AND ACETONITRILE PROPYL BROMIDE. Journal of Chemical and Engineering Data 31: 363-364.
Tamir, A; Wisniak, J. (1987). VAPOR-LIQUID-EQUILIBRIA AT 760 MMHG IN THE TERNARY-SYSTEM METHANOL ACETONITRILE PROPYL BROMIDE. Journal of Chemical and Engineering Data 32: 291-293.
Tan, G; Chen, S; Sun, N; Li, Y; Fortin, D; Wong, W, aiY; Kwok, H, oiS; Ma, D; Wu, H; Wang, L; Harvey, PD. (2013). Highly efficient iridium(III) phosphors with phenoxy-substituted ligands and their high-performance OLEDs. 1: 808-821. http://dx.doi.org/10.1039/c2tc00123c.
Tan, YY; Fu, H, aoWei; Zhao, H, aiJun; Lu, S, ha; Fu, J, unJie; Li, Y, ouFa; Cui, H, aiRui; Shu, QY, ao. (2013). Functional molecular markers and high-resolution melting curve analysis of low phytic acid mutations for marker-assisted selection in rice. Molecular Breeding 31: 517-528. http://dx.doi.org/10.1007/s11032-012-9809-5.
Tang, C; Xu, H, ui; Wang, X, uL; Liu, W, ei; Liu, R, uiLan; Rong, Z; Fan, Q, uLi; Huang, W, ei. (2013). Study of carrier mobility of N,N '-diphenyl-N,N ' bis(1,1 '-biphenyl)-4,4 '-diamine (NPB) by transmission line model of impedance spectroscopy. Thin Solid Films 542: 281-284. http://dx.doi.org/10.1016/j.tsf.2013.06.075.
Tang, H, ao; Li, Y; Wang, X; Wang, W; Sun, R. (2007). Improvement of efficiency and stability utilizing a wide band gap material as the host for red organic light-emitting diodes. Semiconductor Science and Technology 22: 287-291. http://dx.doi.org/10.1088/0268-1242/22/3/020.
Tang, H; Tang, H, ao; Zhang, Z; Cong, C; Zhang, K. (2009). Synthesis, thermal, photoluminescent, and electroluminescent properties of a novel quaternary Eu(III) complex containing a carbazole hole-transporting functional group. Journal of Materials Science: Materials in Electronics 20: 597-603. http://dx.doi.org/10.1007/s10854-008-9771-5.
Tang, H; Tang, H, ao; Zhang, Z; Yuan, J; Cong, C; Zhang, K. (2009). Synthesis, photoluminescent and electroluminescent properties of a novel europium(III) complex involving both hole- and electron-transporting functional groups. Synthetic Metals 159: 72-77. http://dx.doi.org/10.1016/j.synthmet.2008.07.025.
Tao, S; Jiang, Y; Lai, SL, un; Fung, M, anK; Zhou, Y; Zhang, X; Zhao, W; Lee, CS. (2011). Efficient blue organic light-emitting devices with a new bipolar emitter. Organic Electronics 12: 358-363. http://dx.doi.org/10.1016/j.orgel.2010.12.001.
Tao, S; Li, L; Yu, J; Jiang, Y; Zhou, Y; Lee, CS; Lee, ST; Zhang, X; Kwon, O. (2009). Bipolar Molecule as an Excellent Hole-Transporter for Organic-Light Emitting Devices. Chem Mater 21: 1284-1287. http://dx.doi.org/10.1021/cm803087c.
Tao, Y; Wang, Q; Yang, C; Qin, J; Ma, D. (2010). Managing Charge Balance and Triplet Excitons to Achieve High-Power-Efficiency Phosphorescent Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces 2: 2813-2818. http://dx.doi.org/10.1021/am100495g.
Tao, Y; Wang, Q; Yang, C; Zhong, C; Qin, J; Ma, D. (2010). Multifunctional Triphenylamine/Oxadiazole Hybrid as Host and Exciton-Blocking Material: High Efficiency Green Phosphorescent OLEDs Using Easily Available and Common Materials. Adv Funct Mater 20: 2923-2929. http://dx.doi.org/10.1002/adfm.201000669.
Tao, Y, uTai; Wu, K, unY; Huang, K, oHui; Perng, TP. (2011). Odd-even modulation of electrode work function with self-assembled layer: Interplay of energy barrier and tunneling distance on charge injection in organic light-emitting diodes. Organic Electronics 12: 602-608. http://dx.doi.org/10.1016/j.orgel.2011.01.004.
Tao, YT; Balasubramaniam, E; Danel, A; Jarosz, B; Tomasik, P. (2001). Organic light-emitting diodes based on variously substituted pyrazoloquinolines as emitting material. Chem Mater 13: 1207-1212.
Tao, YT; Balasubramaniam, E; Danel, A; Wisla, A; Tomasik, P. (2001). Pyrazoloquinoline derivatives as efficient blue electroluminescent materials. J Mater Chem 11: 768-772.

Tao, YT; Ko, CW; Balasubramaniam, E. (2002). Energy transfer vs. carrier trapping: emission mechanism in dye-doped organic light emitting diodes. Thin Solid Films 417: 61-66.

Tatsuta, M; Iishi, H; Baba, M; Nakaizumi, A; Ichii, M; Taniguchi, H. (1990). INHIBITION BY GAMMA-AMINO-NORMAL-BUTYRIC ACID AND BACLOFEN OF GASTRIC CARCINOGENESIS INDUCED BY N-METHYL-N'-NITRO-N-NITROSOGUANIDINE IN WISTAR RATS. Cancer Res 50: 4931-4934.

Temple, L; Kawabata, TT; Munson, AE; White, KL. (1993). Comparison of ELISA and Plaque-Forming Cell Assays for Measuring the Humoral Immune Response to SRBC in Rats and Mice Treated with Benzo[a]pyrene or Cyclophosphamide. Toxicol Sci 21: 412-419. http://dx.doi.org/10.1093/toxsci/21.4.412.

Thangthong, AM; Prachumrak, N; Tarsang, R; Keawin, T; Jungsuttiwong, S; Sudyoadsuk, T; Promarak, V. (2012). Blue light-emitting and hole-transporting materials based on 9,9-bis(4-diphenylaminophenyl)fluorenes for efficient electroluminescent devices. J Mater Chem 22: 6869-6877. http://dx.doi.org/10.1039/c2jm15480c.

Tian, A; Cao, J; Zhang, E. (2016). Identification and functional characterisation of a novel anther-specific LTP promoter from Brassica campestris ssp chinensis. Journal of Horticultural Science and Biotechnology 91: 427-434. http://dx.doi.org/10.1080/14620316.2016.1166992.

Timp, W; Mirsaidov, UM; Wang, D; Comer, J; Aksimentiev, A; Timp, G. (2010). Nanopore Sequencing: Electrical Measurements of the Code of Life. I E E E Transactions on Nanotechnology 9: 281-294. http://dx.doi.org/10.1109/TNANO.2010.2044418.

TL, G; JA, M; RD, B; DL, M; Butterworth, L; AE, M; DR, G; KL, W. (2000). Glycidol modulation of the immune responses in female B6C3F1 mice. Drug Chem Toxicol 23: 433-457.

TM, S; IB, L; Williams, A; GR, D; CL, Y. (2006). Detection of induced male germline mutation: correlations and comparisons between traditional germline mutation assays, transgenic rodent assays and expanded simple tandem repeat instability assays. Mutat Res 598(1-2): 164-193. (Support not reported. Authors affiliated with Health. Mutat Res 598: 164-193. http://dx.doi.org/10.1016/j.mrfmmm.2006.01.017.

Tong, H, ui; Dong, Y; Hong, Y; Haussler, M; Lam, JWY; Sung, HHY; Yu, X; Sun, J; Williams, I, anD; Kwok, H, oiS; Tang, B, enZ. (2007). Aggregation-induced emission: Effects of molecular structure, solid-state conformation, and morphological packing arrangement on light-emitting behaviors of diphenyldibenzofulvene derivatives. J Phys Chem C 111: 2287-2294. http://dx.doi.org/10.1021/jp0630828.

Tong, QX; Lai, SL, un; Chan, M, eiYee; Lai, K, aHo; Tang, JX, in; Kwong, H, olLun; Lee, CS; Lee, ST. (2007). High T-g triphenylamine-based starburst hole-transporting material for organic light-emitting devices. Chem Mater 19: 5851-5855. http://dx.doi.org/10.1021/cm0712624.

Tong, QX; Lai, SL, un; Chan, M, eiYee; Zhou, Y, eC; Kwong, H, oiLun; Lee, CS; Lee, ST; Lee, T, aeWoo; Noh, T; Kwon, O. (2009). A High Performance Nondoped Blue Organic Light-Emitting Device Based on a Diphenylfluoranthene-Substituted Fluorene Derivative. J Phys Chem C 113: 6227-6230. http://dx.doi.org/10.1021/jp810305b.

Tong, QX; Lai, SL, un; Lo, MF, ai; Chan, M, eiYee; Ng, T, szWai; Lee, ST; Tao, S, iLu; Lee, CS. (2012). An efficient hole-transporting blue fluorophore 3,6-dipyrenyl-9-ethylcarbazole for undoped organic light-emitting devices. Synthetic Metals 162: 415-418. http://dx.doi.org/10.1016/j.synthmet.2011.12.030.

Tong, SW; Lau, KM; Sun, HY; Fung, MK; Lee, CS; Lifshitz, Y; Lee, ST. (2006). Ultraviolet photoelectron spectroscopy investigation of interface formation in an indium-tin oxide/fluorocarbon/organic semiconductor contact. Appl Surf Sci 252: 3806-3811. http://dx.doi.org/10.1016/j.apsusc.2005.05.065.

Töpfer, K; Kempe, S; Müller, N; Schmitz, M; Bachmann, M; Cartellieri, M; Schackert, G; Temme, A. (2011). Tumor evasion from T cell surveillance [Review]. J Biomed Biotechnol 2011: 918471. http://dx.doi.org/10.1155/2011/918471.

Toppi, S; Thomas, C; Sayag, C; Brodzki, D; Le Peltier, F; Travers, C; Djega-Mariadassou, G. (2003). Proposal for a common reactive adsorbate for ethylbenzene and indenic compounds in the conversion of n-propylbenzene over a precoked silica-supported platinum catalyst. J Catal 218: 411-418. http://dx.doi.org/10.1016/S0021-9517(03)00161-1.

Torres-Perez, J; Gerente, C; Andres, Y. (2012). Sustainable Activated Carbons from Agricultural Residues Dedicated to Antibiotic Removal by Adsorption. Chinese Journal of Chemical Engineering 20: 524-529.

Tran, CDT; Liu, Y, i; Thibau, ES; Llanos, A; Lu, ZH. (2015). Stability of organometal perovskites with organic overlayers. 5. http://dx.doi.org/10.1063/1.4930082.

Trivedi, K; Bhansali, US; Gnade, B; Hu, W. (2009). The fabrication of high density nanochannel organic light emitting diodes with reduced charge spreading. Nanotechnology 20: 405204. http://dx.doi.org/10.1088/0957-4484/20/40/405204.

Tsai, Y, uS; Wang, SH, si; Chen, SY; Su, SY; Juang, F, uhS. (2009). Efficiency improvement of flexible fluorescent and phosphorescent organic light emitting diodes by inserting a spin-coating buffer layer. Thin Solid Films 517: 5338-5342. http://dx.doi.org/10.1016/j.tsf.2009.03.154.

Tsang, SW; Tse, SC; Tong, KL; So, SK. (2006). PEDOT : PSS polymeric conducting anode for admittance spectroscopy. Organic Electronics 7: 474-479. http://dx.doi.org/10.1016/j.orgel.2006.06.002.

Tsou, CC; Lu, HT; Yokoyama, M. (2005). Investigation of the recombination zone in the structure of red organic electroluminescent devices. Thin Solid Films 488: 254-257. http://dx.doi.org/10.1016/j.tsf.2005.04.086.

Tsou, CC; Lu, HT; Yokoyama, M. (2005). Novel structure of white organic electroluminescent devices. Solid-State Electronics 49: 1595-1598. http://dx.doi.org/10.1016/j.sse.2005.07.002.

Tsou, CC; Lu, HT; Yokoyama, M. (2005). Red, green, blue and white organic electroluminescent devices. J Cryst Growth 280: 201-205. http://dx.doi.org/10.1016/j.jcrysgro.2005.03.044.

Tsou, CC; Lu, HT; Yokoyama, M. (2006). White organic electroluminescent devices. J Cryst Growth 289: 559-563. http://dx.doi.org/10.1016/j.jcrysgro.2005.12.112.

Tsuboi, T; Jeon, WS; Kwon, JH. (2009). Observation of phosphorescence from fluorescent organic material Bebq(2) using phosphorescent sensitizer. Optical Materials 31: 1755-1758. http://dx.doi.org/10.1016/j.optmat.2008.07.017.

Tsuboi, T; Kishimoto, T; Wako, K; Matsuda, K; Iguchi, H. (2012). Effect of ITO Surface Treatment on Organic Light Emitting Diodes. J Nanosci Nanotechnol 12: 3692-3695. http://dx.doi.org/10.1166/jnn.2012.5662.

Tsung, KK; So, SK. (2009). High temperature carrier mobility as an intrinsic transport parameter of an organic semiconductor. Organic Electronics 10: 661-665. http://dx.doi.org/10.1016/j.orgel.2009.02.014.

Tung, YL; Chen, L, iS; Chi, Y, un; Chou, P, iTai; Cheng, Y, iM; Li, E, seYLi; Lee, GH; Shu, CF; Wu, TI, y; Carty, AJ. (2006). Orange and red organic light-emitting devices employing neutral Ru(II) emitters: Rational design and prospects for color tuning. Adv Funct Mater 16: 1615-1626. http://dx.doi.org/10.1002/adfm.200500901.

U.S. EPA. (2003). Protection of stratospheric ozone; Listing of substitutes for ozone- depleting substances - n-propyl bromide. 68: 33284-33316.

U.S. EPA. (2007). Protection of stratospheric ozone: Listing of substances for ozone depleting substances - n-propyl bromide in adhesives, coatings and aerosols. Fed Reg 72: 30168-30207.

U.S. EPA. (2007). Protection of stratospheric ozone: Listing of substitutes for ozone-depleting substances-n-propyl bromide in solvent cleaning. Fed Reg 72: 30142-30167.

U.S. EPA (U.S. Environmental Protection Agency). (2010). List of lists: Consolidated list of chemicals subject to the Emergency Planning and Community Right-to-know Act (EPCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and section 112(r) of the Clean Air Act [EPA Report]. (EPA 550-B-10-001). Washington, DC.

U.S. EPA (U.S. Environmental Protection Agency). (2012). Non-confidential IUR Production Volume Information.

Udagawa, T; Odawara, A; Shimaoka, G. (2005). High-resolution TEM characterization of MOVPE-grown (111)-BP layer on hexagonal 6H (0001)-SiC. Appl Surf Sci 244: 285-288. http://dx.doi.org/10.1016/j.apsusc.2004.10.129.

UNEP (United Nations Environment Programme). (2001). Montreal Protocol on Substances that Deplete the Ozone Layer. Report of the Technology and Economic Assessment Panel.

USITC. Interactive Tariff and Trade Dataweb. United States International Trade Commission. http://dataweb.usitc.gov/scripts/user_set.asp and search.

Vamvounis, G; Aziz, H; Hu, NX; Popovic, ZD. (2004). Temperature dependence of operational stability of organic light emitting diodes based on mixed emitter layers. Synthetic Metals 143: 69-73. http://dx.doi.org/10.1016/j.synthmet.2003.10.014.

van den Hurk, P; Faisal, M; Roberts, MH. (1998). Interaction of cadmium and benzo[a]pyrene in mummichog (Fundulus heteroclitus): Effects on acute mortality. Mar Environ Res 46: 525-528.

Van Hylckama Vlieg, JE; Janssen, DB. (2001). Formation and Detoxification of Reactive Intermediates in the Metabolism of Chlorinated Ethenes [Review]. J Biotechnol 85: 81-102.

Vanzetti, LS; Pflueger, L; Bainotti, CT; Jensen, C; Helguera, M. (2010). Identification of a null allele at the Wx-A1 locus in durum wheat (Triticum turgidum L. ssp durum Desf.). Plant Breeding (Print) 129: 718-720. http://dx.doi.org/10.1111/j.1439-0523.2009.01741.x.

Vaz, MF; Fortes, MA; Teixeira, PI. (2005). Symmetry-breaking transitions and dissociation of two-dimensional Plateau borders. Eur Phys J E Soft Matter 16: 401-407. http://dx.doi.org/10.1140/epje/i2004-10090-4.

Veerappan, K; Jung, H, eeJ; Hwang, I; Kho, KH, ee; Chung, M, iY; Nou, I, llSup. (2016). Sequence variation in SlMYB12 is associated with fruit peel color in pink tomato cultivars. Horticulture, Environment and Biotechnology 57: 274-279. http://dx.doi.org/10.1007/s13580-016-0041-9.

Vemireddy, LR; Archak, S; Nagaraju, J. (2007). Capillary electrophoresis is essential for microsatellite marker based detection and quantification of adulteration of Basmati rice (Oryza sativa). J Agric Food Chem 55: 8112-8117. http://dx.doi.org/10.1021/jf0714517.

Venkatachalm, S; Hayashi, H; Ebina, T; Kawasaki, K; Nakamura, T; Nanjo, H. (2012). Preparation and Optimization of Epitaxial Growth of Transparent ZnO Nanotip Thin Films by Hydrothermal Method. J Nanosci Nanotechnol 12: 3751-3759. http://dx.doi.org/10.1166/jnn.2012.6140.

Ventura, HT; Fonseca e Silva, F; Varona, L; Pereira de Figueiredo, EA; Costa, EV; da Silva, LP; Ventura, R; Lopes, PS. (2015). Comparing multi-trait Poisson and Gaussian Bayesian models for genetic evaluation of litter traits in pigs. Livest Sci 176: 47-53. http://dx.doi.org/10.1016/j.livsci.2015.03.030.

Vogel, EW; Nivard, MJ. (1997). The response of germ cells to ethylene oxide, propylene oxide, propylene imine and methyl methanesulfonate is a matter of cell stage-related DNA repair. Environ Mol Mutagen 29: 124-135. http://dx.doi.org/10.1002/(SICI)1098-2280(1997)29:2<124::AID-EM3>3.0.CO;2-E.

Vu, H-T; Yu, HC; Chen, YC; Chen, IW, enP; Huang, CY; Juang, F, uhS; Su, Y, anK. (2014). Non-oxidized graphene nanoplatelets as an efficient hole transport layer in organic light-emitting diodes. Organic Electronics 15: 792-797. http://dx.doi.org/10.1016/j.orgel.2014.01.008.

Wandeler, P; Camenisch, G. (2011). Identifying Y-chromosomal diversity by long-template PCR. Molecular Ecology Resources 11: 835-841. http://dx.doi.org/10.1111/j.1755-0998.2011.03013.x.

Wang, D; Beppu, K; Yamamoto, K; Inai, T; Kido, H. (2013). Effects of Bisphosphonate Administration on Peri-Implant Bone in Vitamin D-Deficient Rats. 22: 79-87.

Wang, D; Wu, Z; Zhang, X; Jiao, B, o; Liang, S; Wang, D; He, R; Hou, X, un. (2010). Solution-processed organic films of multiple small-molecules and white light-emitting diodes. Organic Electronics 11: 641-648. http://dx.doi.org/10.1016/j.orgel.2010.01.004.

Wang, F; Qiao, X; Xiong, T, ao; Ma, D. (2008). The role of molybdenum oxide as anode interfacial modification in the improvement of efficiency and stability in organic light-emitting diodes. Organic Electronics 9: 985-993. http://dx.doi.org/10.1016/j.orgel.2008.07.009.

Wang, G; He, Y, i; Wang, L. (2008). Effect of the ligand on the properties of emitting materials: Pentacoordinated 8-hydroxyquinoline aluminum complexes. Mater Lett 62: 2611-2614. http://dx.doi.org/10.1016/j.matiet.2007.12.070.

Wang, J; Wang, T; Cao, D; Zhao, X; Liu, J, ie; Zhuo, M; Mi, B; Gao, Z. (2015). Exciton blocking and dissociation by a p-type anode buffer in small molecule bulk heterojunction organic photovoltaic with small ratio donor of phosphorescent material. Organic Electronics 23: 11-16. http://dx.doi.org/10.1016/j.orgel.2015.04.004.

Wang, J, un; Yu, J; Lin, H, ui; Jiang, Y; Lou, S; Yang, G. (2007). High efficiency organic light-emitting diodes with yellow phosphorescent emission based on a novel iridium complex. Semiconductor Science and Technology 22: 25-28. http://dx.doi.org/10.1088/0268-1242/22/2/005.

Wang, L, ei; Wu, Z, hiY; Wong, W, aiY; Cheah, K, okWai; Huang, H; Chen, CH. (2011). New blue host materials based on anthracene-containing dibenzothiophene. Organic Electronics 12: 595-601. http://dx.doi.org/10.1016/j.orgel.2011.01.002.

Wang, L, i; Xu, W, ei; Luo, Y, u; Yuan, J; Ding, Y. (2011). Performances enhancement in OLEDs by inserting ultrathin trilayer in electron injection structure and using MoO3 as hole buffer layer. Displays 32: 45-48. http://dx.doi.org/10.1016/j.displa.2010.11.001.

Wang, LG; Gao, YX; Liu, XL; Cheng, LF. (2016). Charge transport and electrical properties in the organic small-molecule material NPB. J Optoelect Adv Mater 18: 504-508.

Wang, M; Qin, D; Chen, Y; Chen, L, ei; Li, G; Wang, W. (2013). Reduced hole loss in organic light emitting diode incorporating two p-doped hole transport layers. Applied Physics A: Materials Science and Processing 113: 811-815. http://dx.doi.org/10.1007/s00339-013-7598-2.
Wang, PF; Xie, ZY; Hong, ZR; Tang, JX; Wong, OY; Lee, CS; Wong, NB; Lee, ST. (2003). Synthesis, photoluminescence and electroluminescence of new 1H-pyrazolo[3,4-b]quinoxaline derivatives. J Mater Chem 13: 1894-1899. http://dx.doi.org/10.1039/b302972g.
Wang, PF; Xie, ZY; Tong, SW; Wong, OY; Lee, CS; Wong, N; Hung, LS; Lee, S. (2003). A novel neutral red derivative for applications in high-performance red-emitting electroluminescent devices. Chem Mater 15: 1913-1917. http://dx.doi.org/10.1021/cm0209214.
Wang, Q, iZ; Fu, H, aoWei; Huang, JZ; Zhao, H, aiJun; Li, Y, ouFa; Zhang, B, in; Shu, QY, ao. (2012). Generation and characterization of bentazon susceptible mutants of commercial male sterile lines and evaluation of their utility in hybrid rice production. Field Crops Research 137: 12-18. http://dx.doi.org/10.1016/j.fcr.2012.09.001.
Wang, QK, un; Wang, RB, in; Shen, PF, ei; Li, C, hi; Li, Y, anQ; Liu, L, iJia; Duhm, S; Tang, JX, in. (2015). Energy Level Offsets at Lead Halide Perovskite/Organic Hybrid Interfaces and Their Impacts on Charge Separation. 2. http://dx.doi.org/10.1002/admi.201400528.
Wang, W; Du, C; Bi, H; Sun, Y; Wang, Y; Mauser, C; Da Como, E; Fuchs, H; Chi, L. (2010). Tunable multicolor ordered patterns with two dye molecules. Adv Mater Deerfield 22: 2764-2769. http://dx.doi.org/10.1002/adma.201000129.
Wang, X, in; Liu, B, o; Lu, Q; Meng, L; Li, C; Duan, W; Tang, A. (2015). A Single Molecule Electromer Emitting Compound with Enhanced Hole Transporting Property for Organic Light Emitting Devices. 7: 2436-2440. http://dx.doi.org/10.1166/sam.2015.2643.
Wang, XC; Zhao, HY; Chen, NX; Zhang, Y. (2010). Theoretical investigations into self-organized ordered metallic semi-clusters arrays on metallic substrate. Nanoscale Res Lett 5: 1020-1026. http://dx.doi.org/10.1007/s11671-010-9595-0.
Wang, XZ; Ding, XM; Li, ZS; Zhan, YQ; Bergenti, I; Dediu, VA; Taliani, C; Xie, ZT; Ding, BF; Hou, XY; Zhang, WH; Xu, FQ. (2007). Modification of the organic/La0.7Sr0.3MnO3 interface by in situ gas treatment. Appl Surf Sci 253: 9081-9084. http://dx.doi.org/10.1016/j.apsusc.2007.05.035.
Wang, Y; Chen, J; Huang, J; Dai, Y; Zhang, Z; Liu, S, u; Ma, D. (2014). Hole transport characteristics in phosphorescent dye-doped NPB films by admittance spectroscopy. Applied Physics A: Materials Science and Processing 117: 1125-1130. http://dx.doi.org/10.1007/s00339-014-8478-0.
Wang, Y; Zhao, S, huL; Zhang, F, ujun; Yuan, G, cai; Xu, Z. (2007). Study of electroplex emission from a blend of two basic blue-emitting materials PVK and NPB. Microelectronics Journal 38: 275-277. http://dx.doi.org/10.1016/j.mejo.2006.09.014.
Wang, YM; Teng, F; Xu, Z; Hou, YB; Yang, SY; Xu, XR. (2005). Trap effect of an ultrathin DCJTB layer in organic light-emitting diodes. Mater Chem Phys 92: 291-294. http://dx.doi.org/10.1016/j.matchemphys.2005.01.060.
Wang, YM; Teng, F; Zhou, QC; Wang, YS. (2006). Multiple roles of bathocuproine employed as a buffer-layer in organic light-emitting diodes. Appl Surf Sci 252: 2355-2359. http://dx.doi.org/10.1016/j.apsusc.2005.04.006.
Watanabe, M; Maemura, K; Oki, K; Shiraishi, N; Shibayama, Y; Katsu, K. (2006). Gamma-aminobutyric acid (GABA) and cell proliferation: focus on cancer cells [Review]. Histol Histopathol 21: 1135-1141. http://dx.doi.org/10.14670/HH-21.1135.
Watanabe, S; Yoshikawa, H. (2007). Characterization of neutral phosphate buffer extractable soil organic matter by electrophoresis and fractionation using ultrafiltration. Soil Sci Plant Nutr 53: 650-656. http://dx.doi.org/10.1111/j.1747-0765.2007.00188.x.
Wei, B, in; Liu, J, iZ; Zhang, Y; Zhang, JH, ua; Peng, H, uaNan; Fan, H, eL; He, Y, anBo; Gao, X, iCun. (2010). Stable, Glassy, and Versatile Binaphthalene Derivatives Capable of Efficient Hole Transport, Hosting, and Deep-Blue Light Emission. Adv Funct Mater 20: 2448-2458. http://dx.doi.org/10.1002/adfm.201000299.
Wei, F; Zhang, X; Cao, J, in; Khan, MA; Zhu, W; Jiang, X; Zhang, Z. (2006). Enhancement of red organic light-emitting diodes via cascade energy transfer. Microelectronics Journal 37: 1325-1328. http://dx.doi.org/10.1016/j.mejo.2006.07.012.
Wei, F; Zhang, X; Cao, J, in; Khan, MA; Zhu, W; Jiang, X; Zhang, Z. (2007). Highly efficient styrylamine-doped blue and white organic electroluminescent devices. Displays 28: 186-190. http://dx.doi.org/10.1016/j.displa.2007.07.006.
Weigel, CS; Kowalsky, W; Saive, R. (2015). Direct observation of the potential distribution within organic light emitting diodes under operation. Physica Status Solidi Rapid Research Letters 9: 475-479. http://dx.doi.org/10.1002/pssr.201510223.
Whitelaw-Weckert, MA; Curtin, SJ; Huang, R; Steel, CC; Blanchard, CL; Roffey, PE. (2007). Phylogenetic relationships and pathogenicity of Colletotrichum acutatum isolates from grape in subtropical Australia. Plant Pathology 56: 448-463. http://dx.doi.org/10.1111/j.1365-3059.2007.01569.x.
Whitten, GZ; Cohen, JP; Myers, TC; Carter, WPL. (2003). The ozone formation potential of 1-bromo-propane. Journal of the Air and Waste Management Association 53: 262-272.
Whitten, GZ; Yarwood, G. (2008). The ozone productivity of n-propyl bromide: Part 2 - An exception to the Maximum Incremental Reactivity scale. Journal of the Air and Waste Management Association 58: 891-901. http://dx.doi.org/10.3155/1047-3289.58.7.891.
Willamil, J; Creus, E, va; Francisco Perez, J; Mateu, E; Martin-Orue, SM. (2011). Effect of a microencapsulated feed additive of lactic and formic acid on the prevalence of Salmonella in pigs arriving at the abattoir. Arch Anim Nutr 65: 431-444. http://dx.doi.org/10.1080/1745039X.2011.623047.
Wisniak, J. (1993). ISOBARIC VAPOR-LIQUID-EQUILIBRIA IN THE TERNARY-SYSTEM ACETONITRILE PLUS METHYL ACETATE PLUS PROPYL BROMIDE. Journal of Chemical and Engineering Data 38: 296-298.
Wisniak, J. (1996). Phase equilibria in the systems ethyl methanoate plus 1-bromopropane, ethyl methanoate plus cyclohexane, and ethyl methanoate plus 1-bromopropane plus cyclohexane. Journal of Chemical and Engineering Data 41: 468-473.
Wisniak, J; Apelblat, A; Zabicky, J; Feingold, I. (1995). ISOBARIC VAPOR-LIQUID-EQUILIBRIA IN THE BINARY-SYSTEMS OF 1-BROMOPROPANE WITH CYCLOHEXANE, HEPTANE, AND 1-BUTANOL. Journal of Chemical and Engineering Data 40: 120-123.
Wisniak, J; Tamir, A. (1982). VAPOR LIQUID EQUILIBRIUM IN THE SYSTEMS PROPYL BROMIDE ACETIC-ACID, PROPYL BROMIDE PROPIONIC-ACID, AND PROPYL BROMIDE ACETIC-ACID PROPIONIC-ACID. Journal of Chemical and Engineering Data 27: 430-435.
Wisniak, J; Tamir, A. (1984). LIQUID VAPOR EQUILIBRIA AT 760 MMHG IN THE SYSTEM PROPYL BROMIDE METHYL BUTYRATE. Journal of Chemical and Engineering Data 29: 19-20.
Wisniak, J; Tamir, A. (1985). VAPOR LIQUID EQUILIBRIA AT 760-MMHG IN THE SYSTEM METHANOL-2-PROPANOL-PROPYL BROMIDE AND ITS BINARIES. Journal of Chemical and Engineering Data 30: 339-344.

Wisniak, J; Tamir, A. (1987). VAPOR-LIQUID-EQUILIBRIA AT 760 MMHG IN THE SYSTEM PROPYL BROMIDE TOLUENE. Journal of Chemical and Engineering Data 32: 294-295.
Wisniak, J; Tamir, A. (1988). VAPOR LIQUID EQUILIBRIA AT 760 MMHG FOR THE SYSTEM 1,1-DICHLOROETHANE PROPYL BROMIDE. Journal of Chemical and Engineering Data 33: 108-109.
Wisniak, J; Tamir, A. (1988). VAPOR LIQUID EQUILIBRIA AT 760 MMHG IN THE SYSTEMS PROPYL BROMIDE TERT-BUTYL ALCOHOL AND PROPYL BROMIDE PARA-XYLENE. Journal of Chemical and Engineering Data 33: 106-108.
Wisniak, J; Tamir, A. (1988). VAPOR LIQUID EQUILIBRIA AT 760 MMHG IN THE TERNARY-SYSTEM METHANOL-1,1-DICHLOROETHANE-PROPYL BROMIDE. Journal of Chemical and Engineering Data 33: 429-432.
Wisniak, J; Tamir, A. (1988). VAPOR LIQUID EQUILIBRIA AT 760 MMHG IN THE TERNARY-SYSTEM METHANOL PROPYL BROMIDE METHYL-METHACRYLATE. Journal of Chemical and Engineering Data 33: 376-379.
Wisniak, J; Tamir, A. (1989). VAPOR LIQUID EQUILIBRIA AT 760 MMHG IN THE TERNARY-SYSTEM METHYL ACETATE PROPYL BROMIDE TOLUENE. Journal of Chemical and Engineering Data 34: 298-301.
Wisniak, J; Tamir, A. (1989). VAPOR-LIQUID-EQUILIBRIA AT 760 MMHG IN THE SYSTEMS METHYL ACETATE-PROPYL BROMIDE, METHYL ACETATE-TOLUENE, AND METHYL METHACRYLATE-TOLUENE. Journal of Chemical and Engineering Data 34: 16-19.
Wisniak, J; Tamir, A. (1989). VAPOR-LIQUID-EQUILIBRIA AT 760 MMHG IN THE SYSTEMS PROPYL BROMIDE-METHYL METHACRYLATE AND VINYL ACETATE-PROPYL BROMIDE. Journal of Chemical and Engineering Data 34: 14-16.
Wisniak, J; Tamir, A. (1990). ISOBARIC VAPOR-LIQUID-EQUILIBRIA IN THE SYSTEMS PROPYL BROMIDE METHYL ETHYL KETONE, METHYL ETHYL KETONE PARA-XYLENE, AND VINYL-ACETATE METHYL-METHACRYLATE. Journal of Chemical and Engineering Data 35: 147-150.
Wisniak, J; Tamir, A. (1990). VAPOR-LIQUID-EQUILIBRIA IN THE SYSTEM VINYL-ACETATE PROPYL BROMIDE METHYL-METHACRYLATE. Journal of Chemical and Engineering Data 35: 150-152.
Wisniak, J; Tamir, A. (1991). VAPOR-LIQUID-EQUILIBRIA IN THE SYSTEMS METHYL ACETATE METHYL-METHACRYLATE AND METHYL ACETATE PROPYL BROMIDE METHYL-METHACRYLATE. Journal of Chemical and Engineering Data 36: 4-7.
Wisniak, J; Tamir, A. (1992). ISOBARIC VAPOR-LIQUID-EQUILIBRIA IN THE TERNARY-SYSTEM METHANOL-PROPYL BROMIDE-TOLUENE AND PROPYL BROMIDE-ACETONITRILE-TOLUENE. 30: 245-251.
Wisniak, J; Tamir, A. (1992). ISOBARIC VAPOR-LIQUID-EQUILIBRIA IN THE TERNARY-SYSTEMS METHYL ACETATE PLUS VINYL-ACETATE PLUS PROPYL BROMIDE AND METHYL ACETATE PLUS VINYL-ACETATE PLUS TOLUENE. Journal of Chemical and Engineering Data 37: 538-541.
Wolf, K; Morris, M; Swanson, MB; Geibig, JR; Kelly, KE. (2003). Alternative Adhesive Technologies: Foam Furniture and Bedding Industries. Wolf, K; Morris, M; Swanson, MB; Geibig, JR; Kelly, KE.
Wong, AK; Ruhe, AL; Robertson, KR; Loew, ER; Williams, DC; Neff, MW. (2013). A de novo mutation in KIT causes white spotting in a subpopulation of German Shepherd dogs. Anim Genet 44: 305-310. http://dx.doi.org/10.1111/age.12006.
Wong, FL; Chan, MY; Lai, SL; Fung, MK; Lai, KH; Tsang, WM; Ng, TW; Poon, CO; Lee, CS; Lee, ST. (2008). Lifetime improvement of organic light-emitting diodes using silicon oxy-nitride as anode modifier. Thin Solid Films 516: 8195-8198. http://dx.doi.org/10.1016/j.tsf.2008.04.028.
Wong, FL; Sun, HY; Tong, SW; Chan, MY; Lee, CS; Lee, ST. (2006). Performance enhancement of organic light-emitting diode by heat treatment. J Cryst Growth 288: 110-114. http://dx.doi.org/10.1016/j.jcrysgro.2005.12.032.
Wu, F; Chang, XL; Wu, CH. (2016). [Summary of studies on carcinogenicity of 1-bromopropane]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 34: 555-558.
Wu, FI; Shu, CF; Wang, TT; Diau, EWG; Chien, CH; Chuen, CH; Tao, Y. (2005). Bis(2,2-diphenylvinyl)spirobifluorene: An efficient and stable blue emitter for electroluminescence applications. Synthetic Metals 151: 285-292. http://dx.doi.org/10.1016/j.synthmet.2005.06.003.
Wu, H, aoDi; Xiao, Y, an; Liu, ZH, ui; Wang, FX, ia; Pan, G, eBo. (2015). Preparation and Optical Waveguiding Property of Single-Crystal Organic NPB Microsheets. J Nanosci Nanotechnol 15: 6015-6019. http://dx.doi.org/10.1166/jnn.2015.10309.
Wu, QG; Esteghamatian, M; Hu, NX; Popovic, Z; Enright, G; Tao, Y; D'Iorio, M; Wang, SN. (2000). Synthesis, structure, and electroluminescence of BR(2)q (R = Et, Ph, 2-naphthyl and q=8-hydroxyquinolato). Chem Mater 12: 79-83.
Wu, QX; Hendershot, WH; Marshall, WD; Ge, Y. (2000). Speciation of cadmium, copper, lead, and zinc in contaminated soils. Commun Soil Sci Plant Anal 31: 1129-1144.
Wu, S; Chen, H; Di, S; Zhou, B; Xie, Z; Jin, H, ai; Shi, X. (2015). Synchronization-Aware Scheduling for Virtual Clusters in Cloud. I E E E Transactions on Parallel and Distributed Systems 26: 2890-2902. http://dx.doi.org/10.1109/TPDS.2014.2359017.
Wu, SH; Lo, MF; Chen, ZY; Ng, TW; Hu, X; Mo, HW; Wu, C; Li, WL; Lee, CS. (2012). Simple near-infrared photodetector based on charge transfer complexes formed in molybdenum oxide doped N,N '-di(naphthalene-1-yl)-N,N '-diphenyl-benzidine. Physica Status Solidi Rapid Research Letters 6: 129-131. http://dx.doi.org/10.1002/pssr.201105596.
Wu, X; Faqi, AS; Yang, J; Pang, BP; Ding, X; Jiang, X; Chahoud, I. (2002). 2-Bromopropane induces DNA damage, impairs functional antioxidant cellular defenses, and enhances the lipid peroxidation process in primary cultures of rat Leydig cells. Reprod Toxicol 16: 379-384.
Wu, X; Li, F; Wu, W, ei; Guo, T. (2014). Flexible white phosphorescent organic light emitting diodes based on multilayered graphene/PEDOT:PSS transparent conducting film. Appl Surf Sci 295: 214-218. http://dx.doi.org/10.1016/j.apsusc.2014.01.034.
Wu, XM; Mu, X, ue; Hua, Y, uLin; Bai, JJ; Wang, L, i; Xiao, Z, hiHui; Dong, N, i; Yin, SG, en. (2013). Realization of Low Driving Voltage in Organic Light-Emitting Diodes Using C-60 as an Electron Transport Layer and Alq(3) as a Buffer Layer. I E E E Electron Device Letters 34: 650-652. http://dx.doi.org/10.1109/LED.2013.2251600.
Wu, YS; Hwang, SW; Chen, HH; Lee, MT; Shen, WJ; Chen, CH. (2005). Efficient white organic light emitting devices with dual emitting layers. Thin Solid Films 488: 265-269. http://dx.doi.org/10.1016/j.tsf.2005.04.032.
Wuebbles, DJ; Jain, AK; Patten, KO; Connell, PS. (1998). Evaluation of ozone depletion potentials for chlorobromomethane (CH2ClBr) and 1-bromo-propane (CH2BrCH2CH3). Atmos Environ 32: 107-113.
Wuebbles, DJ; Kotamarthi, R; Patten, KO. (1999). Updated evaluation of ozone depletion potentials for chlorobromomethane (CH2ClBr) and 1-bromo-propane (CH2BrCH2CH3). Atmos Environ 33: 1641-1643.
Wuebbles, DJ; Patten, KO; Johnson, MT; Kotamarthi, R. (2001). New methodology for Ozone Depletion Potentials of short-lived compounds: n-propyl bromide as an example. J Geophys Res Atmos 106: 14551-14571.

Wuebbles, DJ; Patten, KO; Wang, D; Youn, D; Martinez-Aviles, M; Francisco, JS. (2011). Three-dimensional model evaluation of the Ozone Depletion Potentials for n-propyl bromide, trichloroethylene and perchloroethylene. Atmos Chem Phys 11: 2371-2380. http://dx.doi.org/10.5194/acp-11-2371-2011.

Xia, ZY; Su, JH, ua; Wong, W, aiY; Wang, L, ei; Cheah, K, okWai; Tian, H, e; Chen, CH. (2010). High performance organic light-emitting diodes based on tetra(methoxy)-containing anthracene derivatives as a hole transport and electron-blocking layer. J Mater Chem 20: 8382-8388. http://dx.doi.org/10.1039/c0jm01297a.

Xiang, C; Chopra, N; Wang, J; Brown, C; Ho, S; Mathai, M; So, F. (2014). Phosphorescent organic light emitting diodes with a cross-linkable hole transporting material. Organic Electronics 15: 1702-1706. http://dx.doi.org/10.1016/j.orgel.2014.03.009.

Xiao, BW; Yao, B; Ma, CS; Liu, SY; Xie, ZY; Wang, LX. (2005). Highly efficient top-emitting organic light-emitting devices with aluminium electrodes. Semiconductor Science and Technology 20: 952-955. http://dx.doi.org/10.1088/0268-1242/20/9/011.

Xiao, G; Lei, P; Chi, H; Lu, Y; Dong, Y, an; Hu, Z; Zhang, Z; Li, X. (2009). Synthesis and luminescence of red, fluorinated iridium (III) complexes containing alkenyl benzothiazole ligand. Synthetic Metals 159: 705-709. http://dx.doi.org/10.1016/j.synthmet.2008.12.019.

Xiao, G; Li, X; Chi, H; Lu, Y; Dong, Y, an; Hu, Z; Yu, J; Kimura, M. (2012). Synthesis and photophysical characterization of orange-emitting iridium(III) complexes containing benzothiazole ligand. Synthetic Metals 162: 497-502. http://dx.doi.org/10.1016/j.synthmet.2012.01.014.

Xiao, H; Ding, L, ei; Ruan, D; Li, B; Ding, N; Ma, D. (2015). tert-Butylated spirobifluorene derivative incorporating triphenylamine groups: A deep-blue emitter with high thermal stability and good hole transport ability for organic light emitting diode applications. Dyes and Pigments 121: 7-12. http://dx.doi.org/10.1016/j.dyepig.2015.03.027.

Xiao, H; Yin, H; Wang, L, ei; Ding, L, ei; Guo, S; Zhang, X; Ma, D. (2012). Synthesis and optoelectronic properties of a series of novel spirobifluorene derivatives starting from the readily available reagent 4,4 '-bisalkylated biphenyl. Organic Electronics 13: 1553-1564. http://dx.doi.org/10.1016/j.orgel.2012.05.002.

Xiao, J; Deng, Z. (2012). A novel white organic electroluminescent device based on a thin LiF interlayer. Synthetic Metals 162: 2016-2019. http://dx.doi.org/10.1016/j.synthmet.2012.09.015.

Xiao, J; Deng, ZB; Liang, CJ; Xu, DH; Xu, Y. (2005). An efficient and bright organic white-light-emitting device. Displays 26: 129-132. http://dx.doi.org/10.1016/j.displa.2005.03.001.

Xie, W; Wu, Z; Liu, S. (2004). Efficient white light emitting using an electron blocker in non-doped type organic electroluminescent devices. Optical and Quantum Electronics 36: 635-640.

Xie, WF; Hou, JY; Liu, SY. (2003). Blue and white organic light-emitting diodes based on 4,4 '-bis(2,2 ' diphenyl vinyl)-1,1 '-biphenyl. Semiconductor Science and Technology 18: L42-L44.

Xie, WF; Liu, SY. (2005). High-efficient non-doped type white organic light-emitting devices using an electron/exciton blocker. Materials Science Forum 475-479: 1799-1803.

Xie, WF; Liu, SY. (2006). Nondoped-type red organic electroluminescent devices based on a 4-(dicyanomethylene)-2-t-butyl-6-(1,1,7,7-tetramethyljulolidyl-9-enyl)-4H-pyran ultrathin layer. Semiconductor Science and Technology 21: 316-319. http://dx.doi.org/10.1088/0268-1242/21/3/020.

Xie, WF; Meng, M; Li, CN; Zhao, Y; Liu, SY. (2005). High-efficiency simple structure white organic light-emitting devices based on rubrene ultrathin layer. Optical and Quantum Electronics 37: 943-948. http://dx.doi.org/10.1007/s11082-005-7678-4.

Xie, WF; Sun, HY; Law, CW; Lee, CS; Lee, ST; Liu, SY. (2006). High-contrast and high-efficiency top-emitting organic light-emitting devices. Applied Physics A: Materials Science and Processing 85: 95-97. http://dx.doi.org/10.1007/s00339-006-3662-5.

Xie, WF; Wu, ZJ; Hu, W; Zhao, Y; Li, CN; Liu, SY. (2005). Low-voltage top-emitting organic light-emitting devices with an organic double-heterojunction structure. Semiconductor Science and Technology 20: 443-445. http://dx.doi.org/10.1088/0268-1242/20/5/020.

Xie, WF; Zhang, LT; Liu, SY. (2004). Modification of the electrodes of organic light-emitting devices using the SnO2 ultrathin layer. Semiconductor Science and Technology 19: 380-383. http://dx.doi.org/10.1088/0268-1242/19/3/014.

Xie, WF; Zhao, Y; Li, CA; Liu, SY. (2005). High colour rendering index non-doped-type white organic light-emitting devices with a RGB-stacked multilayer structure. Semiconductor Science and Technology 20: L57-L60. http://dx.doi.org/10.1088/0268-1242/20/12/L02.

Xie, WF; Zhao, Y; Li, CN; Liu, SY. (2005). High-efficiency electrophosphorescent white organic light-emitting devices with a double-doped emissive layer. Semiconductor Science and Technology 20: 326-329. http://dx.doi.org/10.1088/0268-1242/20/3/013.

Xie, ZY; Li, YQ; Wong, FL; Hung, LS. (2004). Fabrication of flexible organic top-emitting devices on steel foil substrates. Mater Sci Eng B 106: 219-223. http://dx.doi.org/10.1016/S0921-5107(03)00313-1.

Xin, H; Shi, M; Zhang, XM; Li, FY; Bian, ZQ; Ibrahim, K; Liu, FQ; Huang, CH. (2003). Carrier-transport, photoluminescence, and electroluminescence properties comparison of a series of terbium complexes with different structures. Chem Mater 15: 3728-3733. http://dx.doi.org/10.1021/cm0344414.

Xin, Q; Tao, X, uT; Wang, F, uZhi; Sun, JL; Zou, D, eC; Wang, F, aJun; Liu, H, uiJun; Liu, Z, hi; Ren, Y, an; Jiang, M, inHua. (2008). Fluorene-based Troger's base analogues: Potential electroluminescent materials. Organic Electronics 9: 1076-1086. http://dx.doi.org/10.1016/j.orgel.2008.08.013.

Xin, QQ; Huang, Y; Li, J; Zhang, WJ; Yu, T; Wang, H; Zhang, C; Ye, DQ; Huang, F. (2010). Apoptosis contributes to testicular toxicity induced by two isomers of bromopropanes. Toxicol Ind Health 26: 513-524. http://dx.doi.org/10.1177/0748233710373083.

Xing, X; Xiao, L; Zheng, L; Hu, S; Chen, Z; Qu, B, o; Gong, Q. (2012). Spirobifluorene derivative: a pure blue emitter (CIEy approximate to 0.08) with high efficiency and thermal stability. J Mater Chem 22: 15136-15140. http://dx.doi.org/10.1039/c2jm32512h.

Xin-Min, W; Xiao-Lei, J; Yong-Guan, Z; Yan-Lin, H; Tie-Quan, W. (2008). Relationships Between Agronomic and Environmental Soil Test Phosphorus in Three Typical Cultivated Soils in China. Pedosphere 18: 795-800.

Xu, AG; Ran, GZ; Wu, ZL; Ma, GL; Qiao, YP; Xu, YH; Yang, BR; Zhang, BR; Qin, GG. (2006). Effects of resistivity of a p-Si chip on the light-emitting efficiency of a top-emission organic light-emitting diode with the p-Si chip as the anode. 203: 428-434. http://dx.doi.org/10.1002/pssa.200521249.

Xu, D; Deng, Z; Li, X; Lv, Z; Shi, Y; Chen, Z. (2008). White organic light emitting devices with thin 4-(dicyanomethylene)-2-t-butyl-6(1,1,7,7-tetramethyljuloildyl-9-enyl)-4H-pyran (DCJTB) layer. Displays 29: 419-423. http://dx.doi.org/10.1016/j.displa.2008.01.002.

Xu, D; Li, X; Ju, H; Zhu, Y; Deng, Z. (2011). A novel red organic light-emitting diode with ultrathin DCJTB and Rubrene layers. Displays 32: 92-95. http://dx.doi.org/10.1016/j.displa.2011.01.002.
Xu, D; Lou, B; Xu, H; Li, S; Geng, Z. (2013). Isolation and characterization of male-specific DNA markers in the rock bream Oplegnathus fasciatus. Mar Biotechnol 15: 221-229. http://dx.doi.org/10.1007/s10126-012-9480-1.
Xu, DH; Deng, ZB; Xu, Y; Xiao, J; Liang, CJ. (2005). Bright red-to-yellow organic light-emitting devices based on polarization-induced spectral shifts and broadening. Displays 26: 185-189. http://dx.doi.org/10.1016/j.displa.2005.06.006.
Xu, H, ui; Tang, C; Zhai, W, enJ; Liu, R, uiLan; Rong, Z; Fan, Q, uLi; Huang, W, ei. (2014). The study of defect state of 2,7-dipyrenyl-9-phenyl-9-pyrenyl fluorene through admittance spectroscopy. Synthetic Metals 198: 221-224. http://dx.doi.org/10.1016/j.synthmet.2014.10.028.
Xu, H; Xu, B; Fang, X; Yue, Y, an; Chen, L; Wang, H, ua; Hao, Y. (2011). Molecular structure, photoluminescent and electroluminescent properties of bis(2-(4-methyl-2-hydroxyphenyl)benzothiazolate) zinc with excellent electron-transport characteristics. Mater Chem Phys 129: 840-845. http://dx.doi.org/10.1016/j.matchemphys.2011.05.020.
Xu, HF; Luo, J; Wang, HP; Wang, H; Zhang, TY; Tian, HB; Yao, DW; Loor, JJ. (2016). Sterol regulatory element binding protein-1 (SREBP-1)c promoter: Characterization and transcriptional regulation by mature SREBP-1 and liver X receptor α in goat mammary epithelial cells. J Dairy Sci 99: 1595-1604. http://dx.doi.org/10.3168/jds.2015-10353.
Xu, J; Kasha, KJ. (1992). TRANSFER OF A DOMINANT GENE FOR POWDERY MILDEW RESISTANCE AND DNA FROM HORDEUM-BULBOSUM INTO CULTIVATED BARLEY (HORDEUM-VULGARE). Theor Appl Genet 84: 771-777.
Xu, M, in; Yi, C; Yang, CJ; Wang, JH; Liu, Y, anZhu; Xie, B; Gao, X, iCun; Wang, P; Zou, D, eC. (2008). Cyclic arylamines as hole transport materials with high thermal stability for efficient electroluminescence. Thin Solid Films 516: 7720-7726. http://dx.doi.org/10.1016/j.tsf.2008.04.032.
Xu, MS; Xu, JB; An, J. (2005). Visualization of thermally activated morphology evolution of N,N'-di(naphthalene-1-yl)-N,N'-diphthalbenzidine films on ITO/copper phthalocyanine underlying layer. Applied Physics A: Materials Science and Processing 81: 1151-1156. http://dx.doi.org/10.1007/s00339-004-3091-2.
Xue, L; Li, Y; Zou, F; Lu, L; Zhao, Y; Huang, X; Qu, Y. (2012). The catalytic efficiency of lipase in a novel water-in-[Bmim][PF6] microemulsion stabilized by both AOT and Triton X-100. Colloids Surf B Biointerfaces 92: 360-366. http://dx.doi.org/10.1016/j.colsurfb.2011.12.019.
Xue, Q, in; Liu, S; Zhang, S; Chen, P; Zhao, Y, i; Liu, S. (2013). Improved performances of organic light-emitting diodes with mixed layer and metal oxide as anode buffer. Solid-State Electronics 79: 75-78. http://dx.doi.org/10.1016/j.sse.2012.05.066.
Yamagishi, M; Takeuchi, Y; Kono, I; Yano, M. (2002). QTL analysis for panicle characteristics in temperate japonica rice. Euphytica 128: 219-224.
Yan, SQ; Hou, JN; Bai, CY; Jiang, Y; Zhang, XJ; Ren, HL; Sun, BX; Zhao, ZH; Sun, JH. (2014). A base substitution in the donor site of intron 12 of KIT gene is responsible for the dominant white coat colour of blue fox (Alopex lagopus). Anim Genet 45: 293-296. http://dx.doi.org/10.1111/age.12105.
Yanagi, H; Kikuchi, M; Kim, K, iB; Hiramatsu, H; Kamiya, T; Hirano, M; Hosono, H. (2008). Low and small resistance hole-injection barrier for NPB realized by wide-gap p-type degenerate semiconductor, LaCuOSe : Mg. Organic Electronics 9: 890-894. http://dx.doi.org/10.1016/j.orgel.2008.03.004.
Yang, C; Zhang, X; You, H, an; Zhu, L; Chen, L; Zhu, L; Tao, Y; Ma, D; Shuai, Z; Qin, J. (2007). Tuning the energy level and photophysical and electroluminescent properties of heavy metal complexes by controlling the ligation of the metal with the carbon of the carbazole unit. Adv Funct Mater 17: 651-661. http://dx.doi.org/10.1002/adfm.200600663.
Yang, CH; Tai, CC; Sun, IW. (2004). Synthesis of a high-efficiency red phosphorescent emitter for organic light-emitting diodes. J Mater Chem 14: 947-950. http://dx.doi.org/10.1039/b313843g.
Yang, H; Shi, Y; Zhao, Y, i; Meng, Y; Hu, W, ei; Hou, J; Liu, S. (2008). High colour rendering index white organic light-emitting devices with three emitting layers. Displays 29: 327-332. http://dx.doi.org/10.1016/j.displa.2007.10.001.
Yang, H; Zhao, Y, i; Hou, J; Liu, S. (2006). White organic light-emitting devices with non-doped-type structure. Displays 27: 183-186. http://dx.doi.org/10.1016/j.displa.2006.06.003.
Yang, HJ, in; Lee, H, oWon; Lee, SJ, ae; Lee, SE, un; Lee, DH; Koo, J, aR; Yoon, JY; Yoon, SS, oo; Kim, YK. (2014). Performance Improvement of Green Phosphorescent Organic Light Emitting Diodes with Partial Bulk Heterojunctioned Emitting Layer. J Nanosci Nanotechnol 14: 8337-8341. http://dx.doi.org/10.1166/jnn.2014.9910.
Yang, J, inP; Bao, Q, inYe; Xiao, Y, an; Deng, Y, anH; Li, Y, anQ; Lee, ST; Tang, JX, in. (2012). Hybrid intermediate connector for tandem OLEDs with the combination of MoO3-based interlayer and p-type doping. Organic Electronics 13: 2243-2249. http://dx.doi.org/10.1016/j.orgel.2012.06.037.
Yang, J; Li, Y; Duhm, S; Tang, J; Kera, S; Ueno, N. (2014). Molecular Structure-Dependent Charge Injection and Doping Efficiencies of Organic Semiconductors: Impact of Side Chain Substitution. 1. http://dx.doi.org/10.1002/admi.201300128.
Yang, KX; Gao, WB; Zhao, JH; Sun, JX; Lu, SX; Liu, SY. (2002). An efficient and bright organic white-light-emitting device. Synthetic Metals 132: 43-47.
Yang, KX; Huang, JS; Gao, WB; Liu, SY. (2002). Effects of alternate doped structures on organic electroluminescent devices. Thin Solid Films 408: 206-210.
Yang, LY; Chen, XZ; Xu, H; Ye, DQ; Tian, H; Yin, SG. (2008). Surface modification of indium tin oxide anode with self-assembled monolayer modified Ag film for improved OLED device characteristics. Appl Surf Sci 254: 5055-5060. http://dx.doi.org/10.1016/j.apsusc.2008.02.012.
Yang, Q; Hao, Y; Wang, Z; Li, Y; Wang, H, ua; Xu, B. (2012). Double-emission-layer green phosphorescent OLED based on LiF-doped TPBi as electron transport layer for improving efficiency and operational lifetime. Synthetic Metals 162: 398-401. http://dx.doi.org/10.1016/j.synthmet.2011.12.027.
Yang, S, uHua; Chang, W, enKai; Hong, B, oC; Huang, XB, i. (2008). Improving the luminance properties of BGOLED by using hole blocking and energy transfer. J Electrochem Soc 155: J161-J164. http://dx.doi.org/10.1149/1.2899017.
Yang, S, uHua; Hong, B, oC; Hnang, SF. (2009). Influences of Dye Doping and Hole Blocking Layer Insertion on Sky-Blue OLED Performance. J Electrochem Soc 156: J41-J45. http://dx.doi.org/10.1149/1.3054385.

Yang, X; Du, X; Tao, S; Huang, Y, un; Ding, X; Xue, R, ui. (2015). Efficient hole-transporter for phosphorescent organic light emitting diodes with a simple molecular structure. Organic Electronics 26: 481-486. http://dx.doi.org/10.1016/j.orgel.2015.08.011.
Yang, X; Huang, H; Pan, B; Zhuang, S; Aldred, MP; Wang, L, ei; Chen, J; Ma, D. (2012). Novel electron-type host material for unilateral homogeneous phosphorescent organic light-emitting diodes with low efficiency roll-off. J Mater Chem 22: 23129-23135. http://dx.doi.org/10.1039/c2jm33988a.
Yang, Z; Xu, B, in; He, J; Xue, L; Guo, Q; Xia, H; Tian, W. (2009). Solution-processable and thermal-stable triphenylamine-based dendrimers with truxene cores as hole-transporting materials for organic light-emitting devices. Organic Electronics 10: 954-959. http://dx.doi.org/10.1016/j.orgel.2009.04.024.
Yao, Y, iS; Zhou, QX; Wang, X, ueS; Wang, Y, ue; Zhang, B, aoWen. (2006). Fine tuning of the photophysical and electroluminescent properties of DCM-type dyes by changing the structure of the electron-donating group. J Mater Chem 16: 3512-3520. http://dx.doi.org/10.1039/b604563d.
Yates, IC; Satterfield, CN. (1991). INTRINSIC KINETICS OF THE FISCHER-TROPSCH SYNTHESIS ON A COBALT CATALYST. Energy Fuels 5: 168-173.
Ye, H, ua; Zhao, B; Liu, M; Zhou, X; Li, Y; Li, D; Su, S, hiJ; Yang, W, ei; Cao, Y. (2011). Dual-functional conjugated polymers based on trifluoren-2-yl-amine for RGB organic light-emitting diodes. J Mater Chem 21: 17454-17461. http://dx.doi.org/10.1039/c1jm13533c.
Ye, S; Liu, Y; Di, C, an; Xi, H; Wu, W; Wen, Y; Lu, K, un; Du, C; Liu, Y; Yu, G, ui. (2009). Wide-Energy-Gap Host Materials for Blue Phosphorescent Organic Light-Emitting Diodes. Chem Mater 21: 1333-1342. http://dx.doi.org/10.1021/cm8032302.
Yeh, HC; Chan, LH; Wu, WC; Chen, CT. (2004). Non-doped red organic light-emitting diodes. J Mater Chem 14: 1293-1298. http://dx.doi.org/10.1039/b315301k.
Yeh, TS; Chow, TJ; Tsai, SH; Chiu, CW; Zhao, CX. (2006). Electroluminescence of bisindolylmaleimide derivatives containing pentafluorophenyl substituents. Chem Mater 18: 832-839. http://dx.doi.org/10.1021/cm052198y.
Yin, Z; Liu, R, ui; Li, C; Masayuki, T; Liu, C; Jin, X; Zhu, H. (2015). N-1,N-1,N-3,N-3-tetra([1,1 '-biphenyl]-4-yl)-N-5,N-5-diphenylbenzene-1,3,5-triamine: Synthesis, optical properties and application in OLED devices as efficient hole transporting material. Dyes and Pigments 122: 59-65. http://dx.doi.org/10.1016/j.dyepig.2015.06.023.
Yoo, SI, l; Yoon, J, uAn; Kim, N, amHo; Kim, J, inW; Lee, H, oWon; Kim, YK; He, G; Kim, W, ooY. (2015). Efficiency enhancement of blue phosphorescent organic light-emitting diodes using mixed electron transport layer. Optical Materials 39: 21-25. http://dx.doi.org/10.1016/j.optmat.2014.10.051.
Yoon, JA; Kim, YH; Kim, NH; Yoo, SI; Lee, SY; Zhu, FR; Kim, WY. (2014). Highly efficient blue organic light-emitting diodes using quantum well-like multiple emissive layer structure. Nanoscale Res Lett 9: 191. http://dx.doi.org/10.1186/1556-276X-9-191.
Yoon, JY; Na, E; Lee, S; Kim, YK; Yoon, S. (2015). Blue Emitting Materials Based on Naphthylanthracene Derivatives Containing Electron-Withdrawing Fluorobenzenes. J Nanosci Nanotechnol 15: 1628-1631. http://dx.doi.org/10.1166/jnn.2015.9326.
Yoon, JY; Na, E, unJae; Park, S, ooNa; Lee, SJ, ae; Kim, YK; Yoon, SS, oo. (2014). Synthesis and electroluminescent properties of anthracene derivatives containing electron-withdrawing oxide moieties. Materials Research Bulletin 58: 149-152. http://dx.doi.org/10.1016/j.materresbull.2014.03.019.
Yoon, Y; Lee, H; Kim, T; Kim, K; Choi, S; Yoo, HK; Friedman, B; Lee, K. (2013). Post-annealing effect on the interface morphology and current efficiency of organic light-emitting diodes. Solid-State Electronics 79: 45-49. http://dx.doi.org/10.1016/j.sse.2012.07.016.
You, J; Lai, SL, un; Liu, W; Ng, T, szWai; Wang, P; Lee, CS. (2012). Bipolar cyano-substituted pyridine derivatives for applications in organic light-emitting devices. J Mater Chem 22: 8922-8929. http://dx.doi.org/10.1039/c2jm00078d.
Yu, MX; Duan, JP; Lin, CH; Cheng, CH; Tao, YT. (2002). Diaminoanthracene derivatives as high-performance green host electroluminescent materials. Chem Mater 14: 3958-3963. http://dx.doi.org/10.1021/cm020414m.
Yu, SY; Huang, DC; Chen, YL; Wu, KY; Tao, YT. (2012). Approaching charge balance in organic light-emitting diodes by tuning charge injection barriers with mixed monolayers. Langmuir 28: 424-430. http://dx.doi.org/10.1021/la2036423.
Yu, T; Zhang, P; Zhao, Y; Zhang, H, ui; Meng, J; Fan, D. (2009). Synthesis, characterization and high-efficiency blue electroluminescence based on coumarin derivatives of 7-diethylamino-coumarin-3-carboxamide. Organic Electronics 10: 653-660. http://dx.doi.org/10.1016/j.orgel.2009.02.026.
Yu, X; Ichihara, G; Kitoh, J; Xie, Z; Shibata, E; Kamijima, M; Takeuchi, Y. (2001). Neurotoxicity of 2-bromopropane and 1-bromopropane, alternative solvents for chlorofluorocarbons. Environ Res 85: 48-52. http://dx.doi.org/10.1006/enrs.2000.4226.
Yu, XZ; Ichihara, G; Kitoh, J; Xie, ZL; Shibata, E; Kamijima, M; Asaeda, N; Takeuchi, Y. (1998). Preliminary report on the neurotoxicity of 1-bromopropane, an alternative solvent for chlorofluorocarbons. J Occup Health 40: 234-235. http://dx.doi.org/Doi 10.1539/Joh.40.234.
Yu, YH; Huang, CH; Yeh, J, uiM; Huang, PT. (2011). Effect of methyl substituents on the N-diaryl rings of anthracene-9,10-diamine derivatives for OLEDs applications. Organic Electronics 12: 694-702. http://dx.doi.org/10.1016/j.orgel.2011.01.020.
Yuan, H; Wang, QH; Wang, YY; Xie, CM; Xie, KQ; Zhao, XL. (2013). [Effect of docosahexaenoic acid and nervonic acid on the damage of learning and memory abilities in rats induced by 1-bromopropane]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 31: 806-810.
Yuan-yuan, X; Jing, W; Shan-shan, N; Dan-qiong, H; Yan, W; Liang, X; Rong-hua, W; Xiao-bo, L; Li-wang, L. (2016). Isolation and molecular characterization of the FLOWERING LOCUS C gene promoter sequence in radish (Raphanus sativus L). 15: 763-774. http://dx.doi.org/10.1016/S2095-3119(15)61295-3.
Yue, H, ao; Yan, C; Tu, F; Yang, C; Ma, W; Fan, Z; Song, Z; Owens, J; Liu, S; Zhang, X. (2015). Two novel mitogenomes of Dipodidae species and phylogeny of Rodentia inferred from the complete mitogenomes. Biochemical Systematics and Ecology 60: 123-130. http://dx.doi.org/10.1016/j.bse.2015.04.013.
Yuying, H; Junfeng, L; Xiaohong, F; Wenhao, F; Bingshe, X. (2010). Theoretical studies on geometrical and electronic structure of electroplex at the NPB/PBD interface in organic light-emitting diodes. Curr Appl Phys 10: 744-748. http://dx.doi.org/10.1016/j.cap.2009.09.008.
Zapletal, P; Balejko, J; Adamczyk, K; Maj, D; Ochrem, A. (2012). Mechanical Properties of Leather from Crossbreed Kid from White Goats Upgraded by Bucks of Boer and Nubian Breeds. Journal of the Society of Leather Technologists and Chemists 96: 45-47.
Zeljezic, D; Bjelis, M; Mladinic, M. (2015). Evaluation of the mechanism of nucleoplasmic bridge formation due to premature telomere shortening in agricultural workers exposed to mixed pesticides: indication for further studies. Chemosphere 120: 45-51. http://dx.doi.org/10.1016/j.chemosphere.2014.05.085.

Zennaro, R; Tagliabue, M; Bartholomew, CH. (2000). Kinetics of Fischer-Tropsch synthesis on titania-supported cobalt. Catalysis Today 58: 309-319.
Zhai, J; Sheng, T; He, J; Chen, W; Zheng, W. (2011). Efficiently Acquiring Communication Traces for Large-Scale Parallel Applications. I E E E Transactions on Parallel and Distributed Systems 22: 1862-1870. http://dx.doi.org/10.1109/TPDS.2011.49.
Zhang, C; Daifuku, SL; Neidig, ML; Marchetti, AP. (2016). Resident holes and electrons at organic/conductor and organic/organic interfaces: An electron paramagnetic resonance investigation. Organic Electronics 37: 379-385. http://dx.doi.org/10.1016/j.orgel.2016.07.001.
Zhang, F; Petr, A; Kirbach, U; Dunsch, L. (2003). Improved hole injection and performance of multilayer OLED devices via electrochemically prepared-polybithiophene layers. J Mater Chem 13: 265-267. http://dx.doi.org/10.1039/b208482c.
Zhang, F; Xu, Z; Zhao, S; Zhao, D; Yuan, G; Cheng, Z. (2008). Improved performance of organic light emitting diodes by pentacene as hole transporting layer. Appl Surf Sci 255: 1942-1945. http://dx.doi.org/10.1016/j.apsusc.2008.06.166.
Zhang, F; Zhang, J; Tong, C; Chen, Y; Zhuang, S; Liu, W. (2013). Molecular interactions of benzophenone UV filters with human serum albumin revealed by spectroscopic techniques and molecular modeling. J Hazard Mater 263 Pt 2: 618-626. http://dx.doi.org/10.1016/j.jhazmat.2013.10.024.
Zhang, G; Tian, X; Zhao, L; Wang, J, in; Jiang, W; Zhang, X; Dong, W; Gao, Y. (2015). Effects of DMPPP layer thickness on the performance of deep blue organic light emitting devices. Journal of Materials Science: Materials in Electronics 26: 1004-1008. http://dx.doi.org/10.1007/s10854-014-2496-8.
Zhang, G; Wu, FI, y; Jiang, X; Sun, P; Cheng, CH. (2010). Iridium(III) complexes with cyclometalated styrylbenzoimidazole ligands: Synthesis, electrochemistry and as highly efficient emitters for organic light-emitting diodes. Synthetic Metals 160: 1906-1911. http://dx.doi.org/10.1016/j.synthmet.2010.07.008.
Zhang, GL; Guo, HQ; Chuai, Y; Zou, DC. (2005). Synthesis and luminescence of a new phosphorescent iridium(III) pyrazine complex. Mater Lett 59: 3002-3006. http://dx.doi.org/10.1016/j.matlet.2005.05.004.
Zhang, H; Dai, Y; You, H, an; Ma, D. (2007). Color tunable high efficiency microcavity organic light-emitting diodes. Optical and Quantum Electronics 39: 1319-1327. http://dx.doi.org/10.1007/s11082-008-9212-y.
Zhang, H; You, H, an; Shi, J; Wang, W, ei; Guo, S; Liu, M; Ma, D. (2006). Microcavity effects on emissive color and electroluminescent performance in organic light-emitting diodes. Synthetic Metals 156: 954-957. http://dx.doi.org/10.1016/j.synthmet.2006.06.008.
Zhang, H, ui; Yu, T; Zhao, Y; Fan, D; Xia, Y; Zhang, P. (2010). Synthesis, crystal structure, photo- and electro-luminescence of 3-(4-(anthracen-10-yl)phenyl)-7-(N,N '-diethylamino)coumarin. Synthetic Metals 160: 1642-1647. http://dx.doi.org/10.1016/j.synthmet.2010.05.034.
Zhang, HM; Choy, WCH; Li, K. (2010). Blue Organic LEDs With Improved Power Efficiency. I E E E Transactions on Electron Devices 57: 125-128. http://dx.doi.org/10.1109/TED.2009.2033641.
Zhang, J; Yang, F; Zheng, Y; Wei, B, in; Zhang, X; Zhang, J; Wang, Z; Pu, W; Yang, C. (2015). Effective exciton blocking by the hole-transporting material 5,10,15-tribenzyl-5H-diindolo[3,2-a:3 ',2 '-c]-carbazole (TBDI) in the tetraphenyldibenzoperiflanthene (DBP) based organic photovoltaic cells. Appl Surf Sci 357: 1281-1288. http://dx.doi.org/10.1016/j.apsusc.2015.09.144.
Zhang, L; Zu, FS; Deng, YL; Igbari, F; Wang, ZK; Liao, LS. (2015). Origin of Enhanced Hole Injection in Organic Light-Emitting Diodes with an Electron-Acceptor Doping Layer: p-Type Doping or Interfacial Diffusion? 7: 11965-11971. http://dx.doi.org/10.1021/acsami.5b01989.
Zhang, M; Miao, R; Wang, Y. (2015). [Analysis of urinary N-acetyl-S-(n-propyl)-L-cysteine as biomarker for occupational 1-bromopropane exposure]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 437-439.
Zhang, Q; Chen, JS; Cheng, YX; Wang, LX; Ma, DG; Jing, XB; Wang, FS. (2004). Novel hole-transporting materials based on 1,4-bis(carbazolyl)benzene for organic light-emitting devices. J Mater Chem 14: 895-900. http://dx.doi.org/10.1039/b309630k.
Zhang, Q; Zheng, RZ; Zhang, ZH; Yang, LS; Wang, H; Ning, H; Huang, F. (2013). [Effects of bromopropane exposure on expression of DNA methyltransferases and level of histone acetylation in testis of male rats]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 31: 92-95.
Zhang, T; Sun, H; Qin, X; Wu, Q; Zhang, Y; Ma, J; Kannan, K. (2013). Benzophenone-type UV filters in urine and blood from children, adults, and pregnant women in China: partitioning between blood and urine as well as maternal and fetal cord blood. Sci Total Environ 461-462: 49-55. http://dx.doi.org/10.1016/j.scitotenv.2013.04.074.
Zhang, W; He, Z; Wang, Y; Zhao, S. (2011). Multifunctional electroluminescent material based on dimesitylboron and alpha-naphthylamino fluorene bridge. Synthetic Metals 161: 2323-2328. http://dx.doi.org/10.1016/j.synthmet.2011.08.042.
Zhang, W; Wu, Z; Zhang, X; Liang, S; Jiao, B; Hou, X. (2010). Influence of driving mode on the operation stability of organic light-emitting diodes. Optoelectronics and Advanced Materials Rapid Communications 4: 1379-1383.
Zhang, X; Mo, B; You, F; Liu, L; Wang, H; Wei, B, in. (2015). Highly-efficient low-voltage organic light-emitting diode by controlling hole transporting with doped dual hole-transport layer and the impedance spectroscopy analysis. Synthetic Metals 205: 134-138. http://dx.doi.org/10.1016/j.synthmet.2015.04.001.
Zhang, X; Wei, F; Liu, X; Zhu, W; Jiang, X; Zhang, Z. (2007). Obtaining high-efficiency red electrophosphorescent OLEDs by changing the thickness of light-emitting layer. Displays 28: 150-153. http://dx.doi.org/10.1016/j.displa.2007.06.001.
Zhang, X; Wu, Z; Jiao, B, o; Wang, D; Wang, D; Hou, X, un. (2012). White organic light-emitting devices with a solution-processed small molecular emission layer. Displays 33: 129-132. http://dx.doi.org/10.1016/j.displa.2012.03.004.
Zhang, XW, en; Mo, BJ, ie; Liu, L, iM; Wang, HH; Chang, D, anT; Xu, J, iWen; Wang, H, ua; Wei, B, in. (2014). Blue organic light-emitting diodes with 2-methyl-9,10-bis(naphthalen-2-yl)anthracene as hole transport and emitting layer and the impedance spectroscopy analysis. Curr Appl Phys 14: 1460-1464. http://dx.doi.org/10.1016/j.cap.2014.08.021.
Zhang, Y, e; Hao, Y; Meng, W; Xu, H; Wang, H, ua; Xu, B. (2012). The characterization of electroplex generated from the interface between 2-(4-trifluoromethyl-2-hydroxyphenyl)benzothiazole] zinc and N,N'-diphenyl-N,N'- bis(1-naphthyl)-(1,1'-biphenyl)-4,4'-diamine. Applied Physics A: Materials Science and Processing 106: 709-715. http://dx.doi.org/10.1007/s00339-011-6677-5.
Zhang, Z; Wang, Q, i; Dai, Y; Liu, Y; Wang, L; Ma, D. (2009). High efficiency fluorescent white organic light-emitting diodes with red, green and blue separately monochromatic emission layers. Organic Electronics 10: 491-495. http://dx.doi.org/10.1016/j.orgel.2009.02.006.
Zhang, ZF; Deng, ZB; Liang, CJ; Zhang, MX; Xu, DH. (2003). Organic light-emitting diodes with a nanostructured TiO2 layer at the interface between ITO and NPB layers. Displays 24: 231-234. http://dx.doi.org/10.1016/j.displa.2004.01.010.
Zhang, ZL; Jiang, XY; Xu, SH. (2000). Energy transfer and white emitting organic thin film electroluminescence. Thin Solid Films 363: 61-63.

Zhao, D; Song, S; Zhang, F; Xu, C; Xu, Z; Sun, X. (2008). The effect of organic multi-layer periodic structure on carrier balance based on OLEDs. Displays 29: 408-411. http://dx.doi.org/10.1016/j.displa.2007.12.003.
Zhao, D, eWei; Xu, Z; Zhang, F, uJun; Song, S, huF; Zhao, S, uL; Wang, Y; Yuan, GC, ai; Zhang, Y, anFei; Xu, HH, ua. (2007). The effect of electric field strength on electroplex emission at the interface of NPB/PBD organic light-emitting diodes. Appl Surf Sci 253: 4025-4028. http://dx.doi.org/10.1016/j.apsusc.2006.08.046.
Zhao, D; Zhang, F; Xu, C; Sun, J; Song, S; Xu, Z; Sun, X. (2008). Exciplex emission in the blend of two blue luminescent materials. Appl Surf Sci 254: 3548-3552. http://dx.doi.org/10.1016/j.apsusc.2007.11.049.
Zhao, DW; Zhang, FJ; Song, SF; Xu, C; Xu, Z. (2007). The influence of exciton behavior on luminescent characteristics of organic light-emitting diodes. Appl Surf Sci 253: 7412-7415. http://dx.doi.org/10.1016/j.apsusc.2007.03.044.
Zhao, LX; Kim, EK; Lim, HT; Moon, YS; Kim, NH; Kim, TH; Choi, H; Chae, W; Jeong, TC; Lee, ES. (2002). Synthesis, characterization and in vtro identification of N7-guanine adduct of 2-bromopropane. Arch Pharm Res 25: 39-44.
Zhao, P; Zhu, X; Chen, J; Ma, D; Huang, W, ei. (2006). Highly efficient red electroluminescence induced by efficient electron injection and exciton confinement. Synthetic Metals 156: 763-768. http://dx.doi.org/10.1016/j.synthmet.2005.12.024.
Zhao, W, u; Yang, Z; Jiao, B, o; Wu, Z. (2015). Organic alternating current electroluminescence device based on 4,4 '-bis(N-phenyl-1-naphthylamino) biphenyl/1,4,5,8,9,11-hexaazatriphenylene charge generation unit. Organic Electronics 17: 44-50. http://dx.doi.org/10.1016/j.orgel.2014.11.018.
Zhao, WY; Aoki, K; Xie, TX; Misumi, J. (1999). Electrophysiological changes induced by different doses of 1-bromopropane and 2-bromopropane. J Occup Health 41: 1-7. http://dx.doi.org/10.1539/joh.41.1.
Zhao, X; Onteru, SK; Piripi, S; Thompson, KG; Blair, HT; Garrick, DJ; Rothschild, MF. (2012). In a shake of a lamb's tail: using genomics to unravel a cause of chondrodysplasia in Texel sheep. Anim Genet 43 Suppl 1: 9-18. http://dx.doi.org/10.1111/j.1365-2052.2011.02304.x.
Zhao, Z; Chan, CYK; Chen, S; Deng, C; Lam, JWY; Jim, CKW; Hong, Y; Lu, P; Chang, Z; Chen, X; Lu, P; Kwok, H, oiS; Qiu, H; Tang, B, enZ. (2012). Using tetraphenylethene and carbazole to create efficient luminophores with aggregation-induced emission, high thermal stability, and good hole-transporting property. J Mater Chem 22: 4527-4534. http://dx.doi.org/10.1039/c2jm14914a.
Zheng, XY; Zhu, WQ; Wu, YZ; Jiang, XY; Sun, RG; Zhang, ZL; Xu, SH. (2003). A white OLED based on DPVBi blue light emitting host and DCJTB red dopant. Displays 24: 121-124. http://dx.doi.org/10.1016/j.displa.2003.09.004.
Zhiguo, S; Guangzhi, J. (2011). Organic Light Emitting Diodes with p-Si Anodes and Semitransparent Ce/Au Cathodes. Journal of Wuhan University of Technology--Materials Science Edition 26: 208-211. http://dx.doi.org/10.1007/s11595-011-0198-0.
Zhou, C; Zhu, B; Yin, L; Li, X; Wu, J; Rongming, M. (2015). [Determination of urinary 1-bromopropane by headspace-gas chromatography]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 392-393.
Zhou, C; Zhu, H; Liu, H; Rongming, M; Yin, L; Zhu, B. (2015). [Determination of N-acetyl-S-(n-propyl)-L-cysteine: the major metabolite of 1-bromopropane in human urine]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 394-396.
Zhou, DY; Shi, XB, o; Liu, Y; Gao, CH; Wang, K, un; Liao, LS. (2014). Role of hole injection layer in intermediate connector of tandem organic light-emitting devices. Organic Electronics 15: 3694-3701. http://dx.doi.org/10.1016/j.orgel.2014.10.015.
Zhou, G; Wang, Q, i; Wang, X; Ho, CL, am; Wong, W, aiY; Ma, D; Wang, L; Lin, Z. (2010). Metallophosphors of platinum with distinct main-group elements: a versatile approach towards color tuning and white-light emission with superior efficiency/color quality/brightness trade-offs. J Mater Chem 20: 7472-7484. http://dx.doi.org/10.1039/c0jm01159b.
Zhou, WQ; Zhao, XQ; Wang, YJ. (2003). Study on Pb-Zn double oxide for synthesis of diphenyl carbonate by transesterification. Chinese journal of catalysis 24: 760-764.
Zhou, YC; Zhou, J; Zhao, JM; Zhang, ST; Zhan, YQ; Wang, XZ; Wu, Y; Ding, XM; Hou, XY. (2006). Optimal thickness of hole transport layer in doped OLEDs. Applied Physics A: Materials Science and Processing 83: 465-468. http://dx.doi.org/10.1007/s00339-006-3575-3.
Zhu, HL; Choy, WCH; Sha, W, eiEI; Ren, X. (2014). Photovoltaic Mode Ultraviolet Organic Photodetectors with High On/Off Ratio and Fast Response. 2: 1082-1089. http://dx.doi.org/10.1002/adom.201400227.
Zhu, L, u; Dai, Q; Hu, Z, uofu; Zhang, X, iQ; Wang, YS. (2011). Organic Deep Ultraviolet Photodetector With Response Peak Focusing on 270 nm Using the Acceptor BAlq. I E E E Photonics Technology Letters 23: 1835-1837. http://dx.doi.org/10.1109/LPT.2011.2170192.
Zhu, XF; Zhang, H, aiP; Hu, MJ; Wu, ZY, un; Jiang, H, ao; Cao, J, iaJia; Xia, XC; Ma, CX, i; Chang, C. (2016). Cloning and characterization of Tabas1-B1 gene associated with flag leaf chlorophyll content and thousand-grain weight and development of a gene-specific marker in wheat. Molecular Breeding 36. http://dx.doi.org/10.1007/s11032-016-0563-y.
Zou, Y, e; Deng, Z; Xu, D; Xiao, J; Zhou, M; Du, H; Wang, Y. (2012). Enhanced performance in organic light-emitting diode by utilizing MoO3-doped C-60 as effective hole injection layer. Synthetic Metals 161: 2628-2631. http://dx.doi.org/10.1016/j.synthmet.2011.08.026.
Zou, Y; Ye, T; Ma, D; Qin, J; Yang, C. (2012). Star-shaped hexakis(9,9-dihexyl-9H-fluoren-2-yl)benzene end-capped with carbazole and diphenylamine units: solution-processable, high T-g hole-transporting materials for organic light-emitting devices. J Mater Chem 22: 23485-23491. http://dx.doi.org/10.1039/c2jm35618j.

Exposure Literature Search Results

On Topic

Boyle, EB; Viet, SM; Wright, DJ; Merrill, LS; Alwis, KU; Blount, BC; Mortensen, ME; Moye, J; Dellarco, M. (2016). Assessment of Exposure to VOCs among Pregnant Women in the National Children's Study. Int J Environ Res Public Health 13: 376. http://dx.doi.org/10.3390/ijerph13040376.
Fang, Z; Miao, R; Yang, D; Wang, Y; Zhang, M; Zhang, Y. (2014). [Review of investigation in 1-bromopropane poisoning] [Review]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 32: 954-958.
Ichihara, G; Li, W; Shibata, E; Ding, X; Wang, H; Liang, Y; Peng, S; Itohara, S; Kamijima, M; Fan, Q; Zhang, Y; Zhong, E; Wu, X; Valentine, WM; Takeuchi, Y. (2004). Neurologic abnormalities in workers of a 1-bromopropane factory. Environ Health Perspect 112: 1319-1325. http://dx.doi.org/10.1289/ehp.6995.

Exposure Literature Search Results

On Topic

Jain, RB. (2015). Levels of selected urinary metabolites of volatile organic compounds among children aged 6-11 years. Environ Res 142: 461-470. http://dx.doi.org/10.1016/j.envres.2015.07.023.

Ji, Z; Miao, R; Zhu, B. (2015). [Latest research progress in biological exposure limits of 1-bromopropane]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 398-400.

Knoppel, H; Schauenburg, H. (1989). Screening of household products for the emission of volatile organic compounds. Environ Int 15: 413-418. http://dx.doi.org/10.1016/0160-4120(89)90056-1.

Miao, RM; Ding, BM; Zhang, YY; Wu, WM; You, DH; Fang, ZH; Zhao, R. (2016). [The research of proteome profiling change of 1-bromopropane poisoning cases]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 34: 835-838.

Samoto, H; Fukui, Y; Ukai, H; Okamoto, S; Takada, S; Ohashi, F; Moriguchi, J; Ezaki, T; Ikeda, M. (2006). Field survey on types of organic solvents used in enterprises of various sizes. Int Arch Occup Environ Health 79: 558-567. http://dx.doi.org/10.1007/s00420-005-0082-3.

Smith, CJ; Johnson, GT; Harbison, RD; Zhu, Y; Lee, RV; Banasik, M; Stedeford, T. (2011). Dose-dependent neurologic abnormalities in workers exposed to 1-bromopropane [Letter]. J Occup Environ Med 53: 707-708. http://dx.doi.org/10.1097/JOM.0b013e318220c30c.

Takeuchi, Y. (2006). Control of hazardous substances at small workplaces. Ind Health 44: 48-52.

Zhang, M; Miao, R; Wang, Y. (2015). [Analysis of urinary N-acetyl-S-(n-propyl)-L-cysteine as biomarker for occupational 1-bromopropane exposure]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 437-439.

Zhou, C; Zhu, B; Yin, L; Li, X; Wu, J; Rongming, M. (2015). [Determination of urinary 1-bromopropane by headspace-gas chromatography]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 392-393.

Zhou, C; Zhu, H; Liu, H; Rongming, M; Yin, L; Zhu, B. (2015). [Determination of N-acetyl-S-(n-propyl)-L-cysteine: the major metabolite of 1-bromopropane in human urine]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 394-396.

Exposure Literature Search Results

Off Topic

Ahn, S; Cha, YB, um; Kim, M; Ahn, KH; Kim, YC. (2015). Synthesis, characterization, and electroluminescence properties of a donor-acceptor type molecule for highly efficient non-doped green organic light-emitting diodes. Synthetic Metals 199: 8-13. http://dx.doi.org/10.1016/j.synthmet.2014.11.005.

Ahn, S; Kim, J, aeN; Kim, YC. (2015). Solid state solvation effect of a donor-acceptor type fluorescent molecule and its application to white organic light-emitting diodes. Curr Appl Phys 15: S42-S47. http://dx.doi.org/10.1016/j.cap.2015.03.013.

Allen, BL; Mallarino, AP; Lore, JF; Baker, JL; Haq, MU. (2012). Phosphorus Lateral Movement through Subsoil to Subsurface Tile Drains. Soil Sci Soc Am J 76: 710-717. http://dx.doi.org/10.2136/sssaj2011.0150.

Almeida, CF; Calado, CRC; Bernardino, SA; Cabral, JMS; Fonseca, LP. (2006). A flow injection analysis system for on-line monitoring of cutinase activity at outlet of an expanded bed adsorption column almost in real time. J Chem Tech Biotechnol 81: 1678-1684. http://dx.doi.org/10.1002/jctb.1587.

Altarawneh, M; Dlugogorski, BZ. (2015). Reactions of HO2 with n-propylbenzene and its phenylpropyl radicals. Combust Flame 162: 1406-1416. http://dx.doi.org/10.1016/j.combustflame.2014.11.007.

Anderson, LM; Rice, JM. (1987). Tumorigenesis in Athymic Nude Mouse Skin by Chemical Carcinogens and Ultraviolet Light. J Natl Cancer Inst 78: 125-134.

Aoyama, M. (2006). Properties of neutral phosphate buffer extractable organic matter in soils revealed using size exclusion chromatography and fractionation with polyvinylpyrrolidone. Soil Sci Plant Nutr 52: 378-386. http://dx.doi.org/10.1111/j.1747-0765.2006.00047.x.

Apeagyei, AK; Diefenderfer, SD. (2012). Correlation of Flow Number with Stiffness Obtained from Dynamic Shear Rheometer Testing of Extracted Binder from Asphalt Concrete Containing Recycled Asphalt Pavement. Journal of Testing and Evaluation 40: 612-621. http://dx.doi.org/10.1520/JTE104471.

Arumemi-Ikhide, M; Sefiane, K; Duursma, G; Glass, D. (2008). Investigation of flow boiling in circulating three-phase fluidised bed - Part II: Theoretical correlation. Chem Eng Sci 63: 896-914. http://dx.doi.org/10.1016/j.ces.2007.10.019.

Asadov, ZH; Rahimov, RA; Mammadova, KA; Gurbanov, AV; Ahmadova, GA. (2016). Synthesis and Characteristics of Dodecyl Isopropylolamine and Derived Surfactants. Journal of Surfactants and Detergents 19: 145-153. http://dx.doi.org/10.1007/s11743-015-1762-y.

Averill, AF; Ingram, JM; Nolan, PF. (1999). Replacing TCA and CFC-113 with HFE and HFC based azeotropes and n-propyl bromide based solvents for wipe cleaning metal components - Source evaporation rates and models. Institute of Metal Finishing Transactions 77: 16-25.

Averill, AF; Ingram, JM; Nolan, PF. (1999). A study of the dispersion of solvent vapour in the workspace during wipe cleaning of metal components with organic solvents - A Monte Carlo uncertainty analysis. Institute of Metal Finishing Transactions 77: 204-208.

Badica, P; Awaji, S; Oguro, H; Nishijima, G, en; Watanabe, K. (2007). Behavior of Nb3Sn composite wires: Multiple room temperature bending cycles. I E E E Transactions on Applied Superconductivity 17: 2672-2675. http://dx.doi.org/10.1109/TASC.2007.899606.

Bai, Y; Liu, S, u; Li, H; Liu, C; Wang, J; Chang, J. (2014). White organic light-emitting devices with high color purity and stability. Semiconductor Science and Technology 29. http://dx.doi.org/10.1088/0268-1242/29/4/045026.

Balasubramaniam, E; Tao, YT; Danel, A; Tomasik, P. (2000). Blue light-emitting diodes based on dipyrazolopyridine derivatives. Chem Mater 12: 2788-2793. http://dx.doi.org/10.1021/cm0003368.

Ban, D; Han, S; Lu, ZH; Oogarah, T; Springthorpe, AJ; Liu, HC. (2007). Organic-inorganic hybrid optical upconverter. I E E E Transactions on Electron Devices 54: 1645-1650. http://dx.doi.org/10.1109/TED.2007.898462.

Baran, V; Melcak, I; Otcovsky, J; Landa, V. (1993). IMMUNOELECTRON MICROSCOPIC LOCALIZATION OF SMALL NUCLEAR RIBONUCLEOPROTEINS AND INTERCHROMATIN GRANULES IN THE 2-CELL MOUSE EMBRYO. Reprod Nutr Dev 33: 447-454.

Exposure Literature Search Results

Off Topic

Barbosa, O; Torres, R; Ortiz, C; Fernandez-Lafuente, R. (2012). Versatility of glutaraldehyde to immobilize lipases: Effect of the immobilization protocol on the properties of lipase B from Candida antarctica. Process Biochemistry 47: 1220-1227. http://dx.doi.org/10.1016/j.procbio.2012.04.019.

Barrera-Alba, JJ; Flores Gianesella, SM; Oliveira Moser, GA; Prado Saldanha-Correa, FM. (2009). Influence of allochthonous organic matter on bacterioplankton biomass and activity in a eutrophic, sub-tropical estuary. Estuar Coast Shelf Sci 82: 84-94. http://dx.doi.org/10.1016/j.ecss.2008.12.020.

Baysal, C, an; Bortesi, L; Zhu, C; Farre, G; Schillberg, S; Christou, P. (2016). CRISPR/Cas9 activity in the rice OsBEIIb gene does not induce off-target effects in the closely related paralog OsBEIIa. Molecular Breeding 36. http://dx.doi.org/10.1007/s11032-016-0533-4.

Beck, M; Burmester, R; Cembrano, J; Drake, R; Garcia, A; Herve, F; Munizaga, F. (2000). Paleomagnetism of the North Patagonian batholith, southern Chile. An exercise in shape analysis. Tectonophysics 326: 185-202.

Beeley, JG; Neurath, H. (1968). The reaction of trypsin with bromoacetone. Biochemistry 7: 1239-1251.

Beierlein, TA; Brutting, W; Riel, H; Haskal, EI; Muller, P; Riess, W. (2000). Kelvin probe investigations of metal work functions and correlation to device performance of organic light-emitting devices. Synthetic Metals 111: 295-297.

Benassi, B; Leleu, R; Bird, T; Clifton, P; Fenech, M. (2007). Cytokinesis-block micronucleus cytome assays for the determination of genotoxicity and cytotoxicity of cecal water in rats and fecal water in humans. Cancer Epidemiol Biomarkers Prev 16: 2676-2680. http://dx.doi.org/10.1158/1055-9965.EPI-07-0488.

Berleb, S; Bruetting, W; Paasch, G. (2000). Interfacial charges and electric field distribution in organic hetero-layer light-emitting devices. Organic Electronics 1: 41-47.

Berleb, S; Brutting, W; Paasch, G. (2001). Interfacial charges in organic hetero-layer light emitting diodes probed by capacitance-voltage measurements. Synthetic Metals 122: 37-39.

Bin, JK; Hong, JI, n. (2011). Efficient blue organic light-emitting diode using anthracene-derived emitters based on polycyclic aromatic hydrocarbons. Organic Electronics 12: 802-808. http://dx.doi.org/10.1016/j.orgel.2011.02.011.

Bin, Z; Duan, L; Li, C; Zhang, D; Dong, G; Wang, L; Qiu, Y. (2014). Bismuth Trifluoride as a low-temperature-evaporable insulating dopant for efficient and stable organic light-emitting diodes. Organic Electronics 15: 2439-2447. http://dx.doi.org/10.1016/j.orgel.2014.07.002.

Biswas, R; Xu, C; Zhao, W; Liu, R, ui; Shinar, R; Shinar, J. (2011). Simulations of emission from microcavity tandem organic light-emitting diodes. 1. http://dx.doi.org/10.1117/1.3552947.

Blair, MW; Giraldo, MC; Buendía, HF; Tovar, E; Duque, MC; Beebe, SE. (2006). Microsatellite marker diversity in common bean (Phaseolus vulgaris L.). Theor Appl Genet 113: 100-109. http://dx.doi.org/10.1007/s00122-006-0276-4.

Blanco, ST; Munoz, J; Velasco, I; Otin, S. (1995). EXCESS MOLAR ENTHALPIES OF BINARY-MIXTURES CONTAINING MONOBROMOALKANES AND POLYBROMOALKANES AT 298.15 K. Journal of Chemical and Engineering Data 40: 605-606.

Blando, JD; Schill, DP; De La Cruz, MP; Zhang, L; Zhang, J. (2010). Preliminary study of propyl bromide exposure among New Jersey dry cleaners as a result of a pending ban on perchloroethylene. Journal of the Air and Waste Management Association 60: 1049-1056. http://dx.doi.org/10.3155/1047-3289.60.9.1049.

Bodkin, JJ; Curry, TB; Lundgren, CEG. (2006). Negative pressure oxygen breathing and head-down tilt increase nitrogen elimination. Undersea Hyperb Med 33: 455-462.

Boelens, OJ; Badcock, KJ; Elmilgui, A; Abdol-Hamid, KS; Massey, SJ. (2009). Comparison of Measured and Block Structured Simulation Results for the F-16XL Aircraft. J Aircraft 46: 377-384. http://dx.doi.org/10.2514/1.35064.

Bolotnikov, MF; Neruchev, YA; Ryshkova, OS. (2007). Density of some 1-bromoalkanes within the temperature range from (243.15 to 423.15) K. Journal of Chemical and Engineering Data 52: 1065-1068. http://dx.doi.org/10.1021/je700015t.

Bond, JA; Birnbaum, LS; Dahl, AR; Medinsky, MA; Sabourin, PJ; Henderson, RF. (1988). DISPOSITION OF INHALED 1 CHLORO-2-PROPANOL IN F344-N RATS. Toxicol Appl Pharmacol 95: 444-455.

Bridgeman, CH; Pyle, JA; Shallcross, DE. (2000). A three-dimensional model calculation of the ozone depletion potential of 1-bromopropane (1-C3H7Br). J Geophys Res Atmos 105: 26493-26502.

Bruetting, W; Berleb, S; Mueckl, AG. (2001). Device physics of organic light-emitting diodes based on molecular materials. Organic Electronics 2: 1-36.

Bull, CF; Mayrhofer, G; Zeegers, D; Mun, GL; Hande, MP; Fenech, MF. (2012). Folate deficiency is associated with the formation of complex nuclear anomalies in the cytokinesis-block micronucleus cytome assay. Environ Mol Mutagen 53: 311-323. http://dx.doi.org/10.1002/em.21688.

Burkhart-Schultz, KJ; Jones, IM. (1997). Deletion and insertion in vivo somatic mutations in the hypoxanthine phosphoribosyltransferase (hprt) gene of human T-lymphocytes. Environ Mol Mutagen 30: 371-384.

Bursik, J; Vanek, P; Kuzel, R; Studnicka, V; Zelezny, V. (2001). Textured PbTiO3-Al2O3 composite films prepared by chemical solution deposition. J Eur Ceram Soc 21: 1503-1507.

Burt, R; Mays, MD; Benham, EC; Wilson, MA. (2002). Phosphorus characterization and correlation with properties of selected benchmark soils of the United States. Commun Soil Sci Plant Anal 33: 117-141.

Byun, Y; Cha, SH; Jeon, HJ, oo; Hong, S, ukB. (2016). n-Propylbenzene Disproportionation: An Efficient Tool for Assessing the Framework Topology of Large-Pore Zeolites. J Phys Chem C 120: 6125-6135. http://dx.doi.org/10.1021/acs.jpcc.6b00758.

Cacciatore, LC; Kristoff, G; Verrengia Guerrero, NR; Cochón, AC. (2012). Binary mixtures of azinphos-methyl oxon and chlorpyrifos oxon produce in vitro synergistic cholinesterase inhibition in Planorbarius corneus. Chemosphere 88: 450-458. http://dx.doi.org/10.1016/j.chemosphere.2012.02.069.

Camargo, H; Paolini, TB; Niyama, E; Brito, HF; Cremona, M. (2013). New rare-earth quinolinate complexes for organic light-emitting devices. Thin Solid Films 528: 36-41. http://dx.doi.org/10.1016/j.tsf.2012.09.085.

Exposure Literature Search Results

Off Topic

Cao, Y; Zhang, E; Tang, H; Langdon, P; Ning, D; Zheng, W. (2016). Combined effects of nutrients and trace metals on chironomid composition and morphology in a heavily polluted lake in central China since the early 20th century. Hydrobiologia 779: 147-159. http://dx.doi.org/10.1007/s10750-016-2810-y.

Carta, LK; Li, S; Skantar, AM; Newcombe, G. (2016). Morphological and Molecular Characterization of Two Aphelenchoides Endophytic in Poplar Leaves. Journal of Nematology 48: 28-33.

Carvan, r; Ponomareva, r; Solis, r; Matlib, r; Puga, r; Nebert, r. (1999). Trout CYP1A3 Gene: Recognition of Fish DNA Motifs by Mouse Regulatory Proteins. Mar Biotechnol 1: 155-166.

Castillo, MM; Kling, GW; Allan, JD. (2003). Bottom-up controls on bacterial production in tropical lowland rivers. Limnol Oceanogr 48: 1466-1475. http://dx.doi.org/10.4319/lo.2003.48.4.1466.

Castro, P; Valiela, I; Freitas, H. (2007). The use of sedimentary %C, %N, delta N-15, and Pb concentrations to assess historical changes in anthropogenic influence on Portuguese estuaries. Environ Pollut 147: 706-712. http://dx.doi.org/10.1016/j.envpol.2006.09.011.

Çayır, A; Coskun, M; Coskun, M. (2014). Micronuclei, nucleoplasmic bridges, and nuclear buds induced in human lymphocytes by the fungicide signum and its active ingredients (boscalid and pyraclostrobin). Environ Toxicol 29: 723-732. http://dx.doi.org/10.1002/tox.21789.

Cepeda, EA; Bravo, R; Calvo, B. (2009). Solubilities of Lauric Acid in n-Hexane, Acetone, Propanol, 2-Propanol, 1-Bromopropane, and Trichloroethylene from (279.0 to 315.3) K. Journal of Chemical and Engineering Data 54: 1371-1374. http://dx.doi.org/10.1021/je800739y.

Cepeda, EA; Bravo, R; Lomas, JM. (2012). Solubilities of Fatty Acids and Triglycerides in 1-Bromopropane. Journal of Chemical and Engineering Data 57: 1160-1164. http://dx.doi.org/10.1021/je201181k.

Chan, CYH; Chow, CM; So, SK. (2011). Using transistor technique to study the effects of transition metal oxide dopants on organic charge transporters. Organic Electronics 12: 1454-1458. http://dx.doi.org/10.1016/j.orgel.2011.04.023.

Chan, CYK; Lam, JWY; Zhao, Z; Chen, S; Lu, P; Sung, HHY; Kwok, H, oiS; Ma, Y; Williams, I, anD; Tang, B, enZ. (2014). Aggregation-induced emission, mechanochromism and blue electroluminescence of carbazole and triphenylamine-substituted ethenes. 2: 4320-4327. http://dx.doi.org/10.1039/c4tc00097h.

Chan, J; Rakic, AD; Kwong, CY; Liu, ZT; Djurisic, AB; Majewski, ML; Chan, WK; Chui, PC. (2006). Device optimization of tris-aluminum (Alq(3)) based bilayer organic light emitting diode structures. Smart Materials and Structures 15: S92-S98. http://dx.doi.org/10.1088/0964-1726/15/1/015.

Chanas, B; Wang, H; Ghanayem, BI. (2003). Differential metabolism of acrylonitrile to cyanide is responsible for the greater sensitivity of male vs female mice: Role of CYP2E1 and epoxide hydrolases. Toxicol Appl Pharmacol 193: 293-302. http://dx.doi.org/10.1016/j.taap.2003.08.006.

Chang, M, eiY; Wu, CC; Lin, SC; Chen, Y, iFan. (2009). High-Brightness White Organic Light-Emitting Diodes Featuring a Single Emission Layer. J Electrochem Soc 156: J1-J5. http://dx.doi.org/10.1149/1.3005990.

Chatterjee, K; Poggie, J. (2006). A parallelized 3D floating random-walk algorithm for the solution of the nonlinear Poisson-Boltzmann equation. 57: 237-252. http://dx.doi.org/10.2528/PIER05072802.

Chatterjee, K; Poggie, J. (2006). A two-dimensional stochastic algorithm for the solution of the non-linear Poisson-Boltzmann equation: validation with finite-difference benchmarks. International Journal for Numerical Methods in Engineering 66: 72-84. http://dx.doi.org/10.1002/nme.1539.

Chatterjee, K; Poggie, J. (2007). A parallelized Monte Carlo algorithm for the nonlinear Poisson-Boltzmann equation in two dimensions. Applied Computational Electromagnetics Society Journal 22: 333-339.

Chen, BJ; Divayana, Y; Sun, XW; Sarma, KR. (2008). Improved performance of organic light-emitting devices with ultra-thin hole-blocking layers. Society for Information Display Journal 16: 603-608.

Chen, BJ; Sun, XW; Sarma, KR. (2007). Phosphorescent organic light-emitting devices with in situ post-growth annealed organic layers. Mater Sci Eng B 139: 192-196. http://dx.doi.org/10.1016/j.mseb.2007.02.007.

Chen, CM; Chung, MH, ua; Hsieh, TE; Huang, BR, an; Hsieh, HE, n; Juang, F, uhS; Tsai, Y, uS; Liu, MO; Lin, J, enL. (2008). Electroluminescent properties of color/luminance tunable organic light emitting diodes and their lifetime enhancement with encapsulation. Mater Sci Eng B 153: 100-105. http://dx.doi.org/10.1016/j.mseb.2008.10.028.

Chen, GT; Su, SH; Yokoyama, M. (2007). Field-emission organic light-emitting device using oxide-coated cathode as electron source. Electrochemical and Solid-State Letters 10: J41-J44. http://dx.doi.org/10.1149/1.2409060.

Chen, H, ua; Gao, CH; Jiang, Z, uoQ; Zhang, L, ei; Cui, L, inS; Ji, SJ, un; Liao, LS. (2014). Spiro-annulated hole-transport material outperforms NPB with higher mobility and stability in organic light-emitting diodes. Dyes and Pigments 107: 15-20. http://dx.doi.org/10.1016/j.dyepig.2014.03.006.

Chen, K, anLin. (2014). High Stability White Organic Light-Emitting Diode (WOLED) Using Nano-Double-Ultra Thin Carrier Trapping Materials. Journal of Nanomaterials. http://dx.doi.org/10.1155/2014/173276.

Chen, L; Jiang, Y; Nie, H; Hu, R; Kwok, HS; Huang, F; Qin, A; Zhao, Z; Tang, BZ. (2014). Rational design of aggregation-induced emission luminogen with weak electron donor-acceptor interaction to achieve highly efficient undoped bilayer OLEDs. 6: 17215-17225. http://dx.doi.org/10.1021/am505036a.

Chen, L; Jiang, Y; Nie, H, an; Lu, P; Sung, HHY; Williams, I, anD; Kwok, H, oiS; Huang, F, ei; Qin, A; Zhao, Z; Tang, B, enZ. (2014). Creation of Bifunctional Materials: Improve Electron-Transporting Ability of Light Emitters Based on AIE-Active 2,3,4,5-Tetraphenylsiloles. Adv Funct Mater 24: 3621-3630. http://dx.doi.org/10.1002/adfm.201303867.

Chen, L; Lin, G; Peng, H; Nie, H, an; Zhuang, Z; Shen, P; Ding, S; Huang, D; Hu, R; Chen, S; Huang, F, ei; Qin, A; Zhao, Z; Tang, B, enZ. (2016). Dimesitylboryl-functionalized tetraphenylethene derivatives: efficient solid-state luminescent materials with enhanced electron-transporting ability for nondoped OLEDs. 4: 5241-5247. http://dx.doi.org/10.1039/c6tc01383j.

Exposure Literature Search Results

Off Topic

Chen, L, ei; Qin, D; Chen, Y; Li, G; Wang, M; Ban, D. (2013). The combination of two p-doped layers for improving the hole current of organic light-emitting diodes. Physica Status Solidi A: Applications and Materials Science (Print) 210: 1157-1162. http://dx.doi.org/10.1002/pssa.201228514.

Chen, RT; Muir, BW; Such, GK; Postma, A; Evans, RA; Pereira, SM; Mclean, KM; Caruso, F. (2010). Surface "click" chemistry on brominated plasma polymer thin films. Langmuir 26: 3388-3393. http://dx.doi.org/10.1021/la9031688.

Chen, SF, u; Tian, Y; Peng, J; Zhang, H; Feng, X, inJ; Zhang, H; Xu, X; Li, L; Gao, J. (2015). Synthesis and characterization of arylamino end-capped silafluorenes for blue to deep-blue organic light-emitting diodes (OLEDs). 3: 6822-6830. http://dx.doi.org/10.1039/c5tc00382b.

Chen, SF; Wu, ZJ; Zhao, Y; Li, CN; Hou, JY; Liu, SY. (2005). Efficient organic light-emitting device from exciplex emission between 4,4 ' 4 ''-tris[3-methylphenyl(phenyl)amino] triphenylamine and 2,2 ',2 ''-(1,3,5-benzenetriyl)tris[1-phenyl-1H-benzimidazole]. Organic Electronics 6: 111-117. http://dx.doi.org/10.1016/j.orgel.2005.03.005.

Chen, W, enYin; Ling, YC; Chen, B, oJ; Shih, HH; Cheng, CH. (2006). Diffusion study of multi-organic layers in OLEDs by ToF-SIMS. Appl Surf Sci 252: 6594-6596. http://dx.doi.org/10.1016/j.apsusc.2006.02.228.

Chen, X; He, Z; Hu, Y; He, Y, un; Peng, H; Liang, Z. (2015). Tunable Exciton Dissociation at the Organic/Metal Electrode Interface. J Phys Chem C 119: 7039-7046. http://dx.doi.org/10.1021/jpcc.5b00679.

Chen, Y, uH; Chang, Y, uJen; Lee, GR, u; Chang, JH; Wu, IW, en; Fang, JH, ao; Hsu, S, huHan; Liu, SW, ei; Wu, CI; Pi, T, unWen. (2010). Formation of gap states and enhanced current injection efficiency in organic light emitting diodes incorporated with subphthalocyanine. Organic Electronics 11: 445-449. http://dx.doi.org/10.1016/j.orgel.2009.11.025.

Chen, Y, uC; Fang, YC; Wu, MH, ua; Juang, YD, er; Chu, SY. (2012). The Investigation of Two Different Types of Multiple-Quantum-Well Structure on Fluorescent White Organic Light Emitting Devices. 1: R66-R71. http://dx.doi.org/10.1149/2.009202jss.

Chen, Y, uC; Juang, YD, er; Chu, SY; Kao, P, oC. (2012). Investigation of Time-Dependent UV-Ozone Treatment on an Ultra-Thin AgF Buffer Layer for Organic Light-Emitting Diodes. J Electrochem Soc 159: H388-H392. http://dx.doi.org/10.1149/2.008204jes.

Chen, Y, uC; Kao, P, oC; Yu, J, enC; Juang, YD, er; Chu, SY. (2012). Co-Host Comprising Hole-Transporting and Blue-Emitting Components for Efficient Fluorescent White OLEDs. J Electrochem Soc 159: J127-J131. http://dx.doi.org/10.1149/2.092204jes.

Chen, Z, huQi; Ding, F, ei; Bian, Z, uQ; Huang, CH, ui. (2010). Efficient near-infrared organic light-emitting diodes based on multimetallic assemblies of lanthanides and iridium complexes. Organic Electronics 11: 369-376. http://dx.doi.org/10.1016/j.orgel.2009.11.015.

Chen, Z; Ding, F, ei; Hao, F; Bian, Z; Ding, B, ei; Zhu, Y; Chen, F; Huang, C. (2009). A highly efficient OLED based on terbium complexes. Organic Electronics 10: 939-947. http://dx.doi.org/10.1016/j.orgel.2009.04.023.

Chen, Z; Feng, L; Zhang, C; Bie, H; Lei, G; Bai, F. (2007). The light-emitting device consisting of organic white-light components. Current Opinion in Solid State & Materials Science 11: 28-32. http://dx.doi.org/10.1016/j.cossms.2008.04.001.

Cheng, G; Xie, ZQ; Zhang, YF; Ma, YG; Liu, SY. (2005). Blue and white organic light-emitting devices using 2,5-diphenyl-1,4-d istyryl benzene with two trans-double bonds as a blue emitting layer. Materials Science Forum 475-479: 1805-1808.

Cheng, G; Zaho, Y; Xie, W; Ma, Y; Liu, S. (2004). High-efficiency white light emission using a phosphorescent sensitizer in organic light-emitting devices. Optical and Quantum Electronics 36: 659-664.

Cheng, G; Zhao, Y; Li, F; Xie, WF; Liu, SY. (2004). Effect of a thin layer of tris (8-hydroxyquinoline) aluminum doped with 4-(dicyanomethylene)-2-t-butyl-6-(1,1,7,7-tetramethyljulolidyl-9-enyl) on the chromaticity of white organic light-emitting devices. Thin Solid Films 467: 231-233. http://dx.doi.org/10.1016/j.tsf.2004.04.014.

Cheung, CH; Ng, AMC; Djurisic, AB; Liu, ZT; Kwong, CY; Chui, PC; Tam, HL; Cheah, KW; Chan, WK; Chan, J; Lu, AW; Rakic, AD. (2008). Angular dependence of the emission from low Q-factor organic microcavity light emitting diodes. Displays 29: 358-364. http://dx.doi.org/10.1016/j.displa.2007.10.007.

Cheung, CH; Song, WJ; So, SK. (2010). Role of air exposure in the improvement of injection efficiency of transition metal oxide/organic contact. Organic Electronics 11: 89-94. http://dx.doi.org/10.1016/j.orgel.2009.10.003.

Chia, MA; Chimdirim, PK; Japhet, WS. (2015). Lead induced antioxidant response and phenotypic plasticity of Scenedesmus quadricauda (Turp.) de Br,bisson under different nitrogen concentrations. J Appl Phycol 27: 293-302. http://dx.doi.org/10.1007/s10811-014-0312-8.

Chiang, CJ; Bull, S; Winscom, C; Monkman, A. (2010). A nano-indentation study of the reduced elastic modulus of Alq(3) and NPB thin-film used in OLED devices. Organic Electronics 11: 450-455. http://dx.doi.org/10.1016/j.orgel.2009.11.026.

Chiang, CJ; Winscom, C; Monkman, A. (2010). Electroluminescence characterization of FOLED devices under two type of external stresses caused by bending. Organic Electronics 11: 1870-1875. http://dx.doi.org/10.1016/j.orgel.2010.08.021.

Chiu, CH; Gregoire, L; Gumucio, DL; Muniz, JA; Lancaster, WD; Goodman, M. (1999). Model for the fetal recruitment of simian gamma-globin genes based on findings from two New World monkeys Cebus apella and Callithrix jacchus (Platyrrhini, Primates). J Exp Zool 285: 27-40.

Cho, SW, an; Yi, Y; Noh, M; Cho, MH, o; Yoo, KH, wa; Jeong, K; Whang, CN, am. (2008). Energy level alignment in N,N '-bis(1-naphthyl)-N,N '-diphenyl-1,1 '-biphenyl-4,4 '-diamine (NPB)/hexadecafluoro copper phthalocyanine (F(16)CuPc)/Au and NPB/CuPc/Au heterojunction. Synthetic Metals 158: 539-543. http://dx.doi.org/10.1016/j.synthmet.2008.03.024.

Choi, G, yuC; Chung, KC; Kim, YK, uk; Cho, YS; Choi, CJ, in; Kim, YD, o. (2011). Electrical and Luminescent Properties of OLEDs by Nickel Oxide Buffer Layer with Controlled Thickness. 49: 811-817. http://dx.doi.org/10.3365/KJMM.2011.49.10.811.

Choi, J; Lee, YG; Park, S; Lee, J; Lee, HH. (2005). Voltage-independent white organic light-emitting diodes by Alq(3) insertion. J Chem Eng Jpn 38: 588-592.

Choi, WH; Cheung, CH; So, SK. (2010). Can an organic phosphorescent dye act as a charge transporter? Organic Electronics 11: 872-875. http://dx.doi.org/10.1016/j.orgel.2010.02.001.

Chong, L, aiWan; Lee, Y, uhL; Wen, T, enC. (2007). Surface modification of indium tin oxide anodes by self-assembly monolayers: Effects on interfacial morphology and charge injection in organic light-emitting diodes. Thin Solid Films 515: 2833-2841. http://dx.doi.org/10.1016/j.tsf.2006.05.010.

Exposure Literature Search Results

Off Topic

Chorazewski, M; Goralski, P; Tkaczyk, M. (2005). Heat capacities of 1-chloroalkanes and 1-bromoalkanes within the temperature range from 284.15 K to 353.15 K. A group additivity and molecular connectivity analysis. Journal of Chemical and Engineering Data 50: 619-624. http://dx.doi.org/10.1021/je049652j.

Chou, D, eiWei; Huang, CJ; Lee, TC; Chen, W, enRay; Meen, TH. (2011). Emission Shift Upon Recombination Using Hole Blocking Layer (HBL). Ferroelectrics 421: 16-22. http://dx.doi.org/10.1080/00150193.2011.594028.

Chovanec, M; Cedervall, B; Kolman, A. (2001). DNA damage induced by gamma-radiation in combination with ethylene oxide or propylene oxide in human fibroblasts. Chem Biol Interact 137: 259-268.

Chu, Z; Wang, D, an; Zhang, C; Wang, F; Wu, H; Lv, Z; Hou, S; Fan, X; Zou, D. (2012). Synthesis of spiro[fluorene-9,9 '-xanthene] derivatives and their application as hole-transporting materials for organic light-emitting devices. Synthetic Metals 162: 614-620. http://dx.doi.org/10.1016/j.synthmet.2012.02.009.

Chung, SM; Hwang, C, hiSun; Lee, JI, k; Park, SH, eeKo; Yang, YS, uk; Do, L, eeMi; Chu, H, yeY. (2007). Top emission organic light emitting diode with a Cr/Al/Cr anode. Synthetic Metals 157: 327-331. http://dx.doi.org/10.1016/j.synthmet.2007.03.012.

Collins-Garcia, H; Tia, M; Roque, R; Choubane, B; TRB. (2000). Alternative solvent for reducing health and environmental hazards in extracting asphalt - An evaluation. Trans Res Rec79-85.

Cook, GM; Rothenberger, JP; Sikaroodi, M; Gillevet, PM; Peters, EC; Jonas, RB. (2013). A comparison of culture-dependent and culture-independent techniques used to characterize bacterial communities on healthy and white plague-diseased corals of the Montastraea annularis species complex. Coral Reefs 32: 375-388. http://dx.doi.org/10.1007/s00338-012-0989-6.

Cook, MB; Dawsey, SM; Freedman, ND; Inskip, PD; Wichner, SM; Quraishi, SM; Devesa, SS; Mcglynn, KA. (2009). Sex disparities in cancer incidence by period and age. Cancer Epidemiol Biomarkers Prev 18: 1174-1182. http://dx.doi.org/10.1158/1055-9965.EPI-08-1118.

Correa, AMS; Baker, AC. (2009). Understanding diversity in coral-algal symbiosis: a cluster-based approach to interpreting fine-scale genetic variation in the genus Symbiodinium. Coral Reefs 28: 81-93. http://dx.doi.org/10.1007/s00338-008-0456-6.

Coskun, M; Coskun, M; Cayir, A; Ozdemir, O. (2011). Frequencies of micronuclei (MNi), nucleoplasmic bridges (NPBs), and nuclear buds (NBUDs) in farmers exposed to pesticides in Çanakkale, Turkey. Environ Int 37: 93-96. http://dx.doi.org/10.1016/j.envint.2010.08.002.

Costa, JCS; Taveira, RJS; Lima, CFR, AC; Mendes, A; Santos, LMN, BF. (2016). Optical band gaps of organic semiconductor materials. Optical Materials 58: 51-60. http://dx.doi.org/10.1016/j.optmat.2016.03.041.

Couch, R; Ehrenberg, L; Magnusson, AL; Nilsson, R; de la Rosa, ME; Törnqvist, M. (1996). In vivo dosimetry of ethylene oxide and propylene oxide in the cynomolgus monkey. Mutat Res 357: 17-23.

Craft, T. (2013). Letter to R. Linn from T.D. Craft, Albemarle Corporation, Baton Rouge, LA, March 7, 2013. National Toxicology Program, Research Triangle Park, NC. Craft, T.

Cui, J; Huang, QL; Veinot, JCG; Yan, H; Wang, QW; Hutchison, GR; Richter, AG; Evmenenko, G; Dutta, P; Marks, TJ. (2002). Anode interfacial engineering approaches to enhancing anode/hole transport layer interfacial stability and charge injection efficiency in organic light-emitting diodes. Langmuir 18: 9958-9970. http://dx.doi.org/10.1021/la020481v.

Cui, S; Hu, Y; Lou, Z; Yi, R, an; Hou, Y; Teng, F. (2015). Light emitting field-effect transistors with vertical heterojunctions based on pentacene and tris-(8-hydroxyquinolinato) aluminum. Organic Electronics 22: 51-55. http://dx.doi.org/10.1016/j.orgel.2015.03.029.

Cui, Z; Yang, Y; Kaufman, CD; Agalliu, D; Hackett, PB. (2003). RecA-mediated, targeted mutagenesis in zebrafish. Mar Biotechnol 5: 174-184. http://dx.doi.org/10.1007/s10126-002-0059-0.

Cuicui, C; Miao, L; Shaoru, G; Dan, Z; Rixiao, L; Hongwei, W. (2016). Grateloupia ramosa Wang & Luan sp nov (Halymeniaceae, Rhodophyta), a new species from China based on morphological evidence and comparative rbcL sequences. Chin J Oceanol Limnol 34: 283-294. http://dx.doi.org/10.1007/s00343-015-4335-z.

Curiel, D; Mas-Montoya, M; Chang, CH, ao; Chen, P, inY; Tai, CW, ei; Tarraga, A. (2013). Multifunctional carbazolocarbazoles as hole transporting and emitting host materials in red phosphorescent OLEDs. 1: 3421-3429. http://dx.doi.org/10.1039/c3tc30193a.

Curry, TB; Lundgren, CEG. (2003). Negative pressure breathing enhances nitrogen elimination. Aviat Space Environ Med 74: 1034-1039.

Czene, K; Osterman-Golkar, S; Yun, X; Li, G; Zhao, F; Pérez, HL; Li, M; Natarajan, AT; Segerbäck, D. (2002). Analysis of DNA and hemoglobin adducts and sister chromatid exchanges in a human population occupationally exposed to propylene oxide: a pilot study. Cancer Epidemiol Biomarkers Prev 11: 315-318.

Daifuku, SL; Favaro, C; Marchetti, AP; Neidig, ML. (2014). Direct observation of ICT cations at the HTL/transparent semiconductor interface. Organic Electronics 15: 3761-3765. http://dx.doi.org/10.1016/j.orgel.2014.10.027.

Davis, AH; Bussmann, K. (2004). Large magnetic field effects in organic light emitting diodes based on tris(8-hydroxyquinoline aluminum) (Alq(3))/IN,N '-Di(naphthalen-1-yl)-N,N ' diphenyl-benzidine (NPB) bilayers. Journal of Vacuum Science and Technology A 22: 1885-1891. http://dx.doi.org/10.1116/1.1759347.

De Silva, CR; Li, F; Huang, C; Zheng, Z. (2008). Europium beta-diketonates for red-emitting electroluminescent devices. Thin Solid Films 517: 957-962. http://dx.doi.org/10.1016/j.tsf.2008.08.118.

Demeny, A; Harangi, S, z; Vennemann, TW; Casillas, R; Horvath, P; Milton, AJ; Mason, PRD; Ulianov, A. (2012). Amphiboles as indicators of mantle source contamination: Combined evaluation of stable H and O isotope compositions and trace element ratios. Lithos 152: 141-156. http://dx.doi.org/10.1016/j.lithos.2012.07.001.

Deng, R; Zhou, L; Song, M; Hao, Z; Zhang, H. (2013). Near-Infrared and White Organic Light Emitting Diodes Based on a Samarium Complex. 5: 1556-1562. http://dx.doi.org/10.1166/sam.2013.1634.

Deng, Z; Lu, Z; Chen, Y; Yin, Y; Zou, Y, e; Xiao, J; Wang, Y. (2013). Aluminum phthalocyanine chloride as a hole injection enhancer in organic light-emitting diodes. Solid-State Electronics 89: 22-25. http://dx.doi.org/10.1016/j.sse.2013.03.003.

Deng, ZB; Lee, ST; Webb, DP; Chan, YC; Gambling, WA. (1999). Carrier transport in thin films of organic electroluminescent materials. Synthetic Metals 107: 107-109.

Exposure Literature Search Results

Off Topic

Depry, JL; Reed, KB; Cook-Norris, RH; Brewer, JD. (2011). Iatrogenic immunosuppression and cutaneous malignancy [Review]. Clin Dermatol 29: 602-613. http://dx.doi.org/10.1016/j.clindermatol.2011.08.009.

Dibb, JE; Talbot, RW; Gregory, GL. (1992). BERYLLIUM-7 AND PB-210 IN THE WESTERN-HEMISPHERE ARCTIC ATMOSPHERE - OBSERVATIONS FROM 3 RECENT AIRCRAFT-BASED SAMPLING PROGRAMS. J Geophys Res 97: 16709-16715.

Dittami, SM; Hostyeva, V; Egge, ES; Kegel, JU; Eikrem, W; Edvardsen, B. (2013). Seasonal dynamics of harmful algae in outer Oslofjorden monitored by microarray, qPCR, and microscopy. Environ Sci Pollut Res Int 20: 6719-6732. http://dx.doi.org/10.1007/s11356-012-1392-0.

Divayana, Y; Sun, XW; Chen, BJ; Lo, GQ; Sarma, KR; Kwong, DL. (2007). Bandgap engineering in Alq(3)- and NPB-based organic light-emitting diodes for efficient green, blue and white emission. Solid-State Electronics 51: 1618-1623. http://dx.doi.org/10.1016/j.sse.2007.09.019.

Dobrin, S; Harikumar, KR; Lim, TB; Leung, L; Mcnab, IR; Polanyi, JC; Sloan, PA; Waqar, Z; Yang, J; Ayissi, S; Hofer, WA. (2007). Maskless nanopatterning and formation of nanocorrals and switches, for haloalkanes at Si(111)-7 x 7. Nanotechnology 18. http://dx.doi.org/10.1088/0957-4484/18/4/044012.

Dong, G; Zheng, H; Duan, L; Wang, L; Qiu, Y. (2009). High-Performance Organic Optocouplers Based on a Photosensitive Interfacial C-60/NPB Heterojunction. Adv Mater Deerfield 21: 2501-+. http://dx.doi.org/10.1002/adma.200803152.

Dong, Y; Song, J; Cheng, C; Jiang, W; Yu, S; Du, G; Wang, X, u. (2008). Emission characteristics of near-ultraviolet two-dimensional organic photonic crystal lasers. Microwave & Optical Technology Letters 50: 382-385. http://dx.doi.org/10.1002/mop.23102.

Dröge, W; Breitkreutz, R. (2000). Glutathione and immune function. Proc Nutr Soc 59: 595-600.

Dröge, W; Schulze-Osthoff, K; Mihm, S; Galter, D; Schenk, H; Eck, HP; Roth, S; Gmünder, H. (1994). Functions of glutathione and glutathione disulfide in immunology and immunopathology [Review]. FASEB J 8: 1131-1138.

Du, X; Zhao, J; Liu, W, ei; Wang, K, ai; Yuan, S; Zheng, C; Lin, H, ui; Tao, S; Zhang, XH. (2016). Bromine-substituted triphenylamine derivatives with improved hole-mobility for highly efficient green phosphorescent OLEDs with a low operating voltage. 4: 10301-10308. http://dx.doi.org/10.1039/c6tc03020c.

Duan, L; Xie, J; Zhang, D; Wang, L; Dong, G; Qiao, J; Qiu, Y. (2008). Nanocomposite thin film based on ytterbium fluoride and N,N'-Bis(1-naphthyl)-N,N'-diphenyl-1,1'-biphenyl-4,4'-diamine and its application in organic light emitting diodes as hole transport layer. J Phys Chem C 112: 11985-11990. http://dx.doi.org/10.1021/jp8040555.

Duan, XB; Jiang, ZQ; Yu, G; Lu, P; Liu, YQ; Xu, XJ; Zhu, DB. (2005). Blue organic electroluminescent device with tetra(beta-naphthyl)silane as hole blocking materials. Thin Solid Films 478: 121-124. http://dx.doi.org/10.1016/j.tsf.2004.10.023.

Duan, Y, u; He, F; Chen, P; Zhao, Y, i; Liu, S; Ma, Y. (2008). Small-molecular white organic light-emitting devices employing 2, 5, 2 ', 5 '-tetra (p-trifluoromethylstyryl)-biphenyl as single-emitting component. Optical and Quantum Electronics 40: 57-63. http://dx.doi.org/10.1007/s11082-008-9232-7.

Ebrahimi, M; Guo, S, iYue; Huang, K, ai; Lim, T; Mcnab, IR; Ning, Z; Polanyi, JC; Shapero, M; Yang, J. (2012). Effect of Alkyl Chain-Length on Dissociative Attachment: 1-Bromoalkanes on Si(100)-c(4x2). J Phys Chem C 116: 10129-10137. http://dx.doi.org/10.1021/jp301773m.

Edgren, G; Liang, L; Adami, HO; Chang, ET. (2012). Enigmatic sex disparities in cancer incidence. Eur J Epidemiol 27: 187-196. http://dx.doi.org/10.1007/s10654-011-9647-5.

Eisenberg, J; Ramsey, J. (2010). Health Hazard Evaluation Report: HETA-2008-0175-3111, New Jersey Department of Health and Senior Services, July 2010. Evaluation of 1-Bromopropane Use in Four New Jersey Commercial Dry Cleaning Facilities. (NTIS/12290078). National Board of Labour Protection (Finland).

El Ramy, R; Ould Elhkim, M; Lezmi, S; Poul, JM. (2007). Evaluation of the genotoxic potential of 3-monochloropropane-1,2-diol (3-MCPD) and its metabolites, glycidol and beta-chlorolactic acid, using the single cell gel/comet assay. Food Chem Toxicol 45: 41-48. http://dx.doi.org/10.1016/j.fct.2006.07.014.

El-Zein, RA; Lopez, MS; D'Amelio, AM; Liu, M; Munden, RF; Christiani, D; Su, L; Tejera-Alveraz, P; Zhai, R; Spitz, MR; Etzel, CJ. (2014). The cytokinesis-blocked micronucleus assay as a strong predictor of lung cancer: extension of a lung cancer risk prediction model. Cancer Epidemiol Biomarkers Prev 23: 2462-2470. http://dx.doi.org/10.1158/1055-9965.EPI-14-0462.

Emelyanova, I; Ali, R; Dawes, W; Varma, S; Hodgson, G; Mcfarlane, D. (2013). Evaluating the cumulative rainfall deviation approach for projecting groundwater levels under future climate. Journal of Water and Climate 4: 317-337. http://dx.doi.org/10.2166/wcc.2013.068.

Engi, M; Cheburkin, AK; Koppel, V. (2002). Nondestructive chemical dating of young monazite using XRF. 1. Design of a mini-probe, age data for samples from the Central Alps, and comparison to U-Pb (TIMS) data. Chem Geol 191: 225-241.

Espinoza, L; Huguet, T; Julier, B. (2012). Multi-population QTL detection for aerial morphogenetic traits in the model legume Medicago truncatula. Theor Appl Genet 124: 739-754. http://dx.doi.org/10.1007/s00122-011-1743-0.

ET, S; Singh, J; KL, K; JJ, S. (1994). Propylene oxide mutagenesis at template cytosine residues. Environ Mol Mutagen 23(4): 274-280. (Supported by the Center for Indoor Air Research and NIH. Authors affiliated with. Environ Mol Mutagen 23: 274-280.

Fan, C; Chen, Y; Liu, Z; Jiang, Z; Zhong, C; Ma, D; Qin, J; Yang, C. (2013). Tetraphenylsilane derivatives spiro-annulated by triphenylamine/carbazole with enhanced HOMO energy levels and glass transition temperatures without lowering triplet energy: host materials for efficient blue phosphorescent OLEDs. 1: 463-469. http://dx.doi.org/10.1039/c2tc00082b.

Fan, C; Zhu, L; Jiang, B, ei; Li, Y; Zhao, F; Ma, D; Qin, J; Yang, C. (2013). High Power Efficiency Yellow Phosphorescent OLEDs by Using New Iridium Complexes with Halogen-Substituted 2-Phenylbenzo[d]thiazole Ligands. J Phys Chem C 117: 19134-19141. http://dx.doi.org/10.1021/jp406220c.

Fan, YL; Hwang, KS; Su, SC. (2008). Improvement of the dimensional stability of powder injection molded compacts by adding swelling inhibitor into the debinding solvent. Metallurgical and Materials Transactions A 39A: 395-401. http://dx.doi.org/10.1007/s11661-007-9351-y.

Exposure Literature Search Results

Off Topic

Fang, Y; Gao, SL; Yang, X; Shuai, Z; Beljonne, D; Bredas, JL. (2004). Charge-transfer states and white emission in organic light-emitting diodes: a theoretical investigation. Synthetic Metals 141: 43-49. http://dx.doi.org/10.1016/j.synthmet.2003.09.022.

Fang, Z; Miao, R; Yang, D; Ji, J; Wu, W; Zhang, Y; Ji, Z; Shi, Y; Zhu, B. (2015). [Effects of 1-bromopropane on liver and kidney functions of exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 357-358.

Fazlollahi, F; Sarkari, M; Zare, A; Mirzaei, A, liA; Atashi, H. (2012). Development of a kinetic model for Fischer-Tropsch synthesis over Co/Ni/Al2O3 catalyst. J Ind Eng Chem 18: 1223-1232. http://dx.doi.org/10.1016/j.jiec.2011.10.011.

Feng, C; Yi, M; Yu, S; Hummelgen, I, voA; Zhang, T; Ma, D. (2008). Hybrid permeable metal-base transistor with large common-emitter current gain and low operational voltage. J Nanosci Nanotechnol 8: 2037-2043. http://dx.doi.org/10.1166/jnn.2008.054.

Feng, J; Liu, Y; Li, F; Wang, Y; Liu, SY. (2003). Chromaticity-stable organic white light-emitting devices based on mixed pyridine-phenol boron complex. Optical and Quantum Electronics 35: 259-265.

Feng, J; Liu, Y; Li, F; Wang, Y; Liu, SY. (2003). Thickness dependent emission color of organic white light-emitting devices. Synthetic Metals 137: 1101-1102. http://dx.doi.org/10.1016/S0379-6779(02)01098-6.

Ferrante, V; Mugnai, C; Ferrari, L; Marelli, SP; Spagnoli, E; Lolli, S. (2016). Stress and reactivity in three Italian chicken breeds. Italian Journal of Animal Science 15: 303-309. http://dx.doi.org/10.1080/1828051X.2016.1185978.

Flynn, MR. (2007). Analysis of exposure biomarker relationships with the Johnson SBB distribution. Ann Occup Hyg 51: 533-541. http://dx.doi.org/10.1093/annhyg/mem033.

Forsythe, EW; Abkowitz, MA; Gao, YL; Tang, CW. (2000). Influence of copper phthalocynanine on the charge injection and growth modes for organic light emitting diodes. Journal of Vacuum Science and Technology A 18: 1869-1874.

Forsythe, EW; Choong, VE; Le, TQ; Gao, YL. (1999). Interface analysis of naphthyl-substituted benzidine derivative and tris-8-(hydroxyquinoline) aluminum using ultraviolet and x-ray photoemission spectroscopy. Journal of Vacuum Science and Technology A 17: 3429-3432.

Frasch, HF; Dotson, GS; Barbero, AM. (2011). In vitro human epidermal penetration of 1-bromopropane. J Toxicol Environ Health A 74: 1249-1260. http://dx.doi.org/10.1080/15287394.2011.595666.

Freitag, P; Reineke, S; Olthof, S; Furno, M; Luessem, B; Leo, K. (2010). White top-emitting organic light-emitting diodes with forward directed emission and high color quality. Organic Electronics 11: 1676-1682. http://dx.doi.org/10.1016/j.orgel.2010.07.017.

Fu, H, uiY; Sun, XY, u; Gao, X, inD; Xiao, F, ei; Shao, BX. (2009). Synthesis and characterization of benzothiazole derivatives for blue electroluminescent devices. Synthetic Metals 159: 254-259. http://dx.doi.org/10.1016/j.synthmet.2008.09.013.

Fu, H; Wu, H; Hou, X; Xiao, F, ei; Shao, B. (2007). Isophorone derivative as red dopant for organic electroluminescent devices. Curr Appl Phys 7: 697-701. http://dx.doi.org/10.1016/j.cap.2007.02.003.

Fu, H, uiY; Wu, HR; Hou, XY; Xiao, F, ei; Shao, BX. (2006). N-aryl carbazole derivatives for non-doped red OLEDs. Synthetic Metals 156: 809-814. http://dx.doi.org/10.1016/j.synthmet.2006.04.013.

Fu, H, uiY; Ye, XT; Zhong, G, aoyu; Zhong, Z, hiY; Xiao, F, ei. (2010). White organic light-emitting diodes based on benzothiazole derivative. Curr Appl Phys 10: 1326-1330. http://dx.doi.org/10.1016/j.cap.2010.04.002.

Fu, H; Zhan, Y; Xu, J; Hou, X; Xiao, F, ei. (2006). Red fluorescent materials based on naphthylamine for non-doping OLEDs. Optical Materials 29: 348-354. http://dx.doi.org/10.1016/j.optmat.2005.09.074.

Fu, Z; Wang, W; Liu, L; Zhang, X; Miu, R; Zhu, B. (2015). [Effects of 1-bromopropane on blood glucose of exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 353-354.

Fueta, Y; Ishidao, T; Arashidani, K; Endo, Y; Hori, H. (2002). Hyperexcitability of the hippocampal CA1 and the dentate gyrus in rats subchronically exposed to a substitute for chlorofluorocarbons, 1-bromopropane vapor. J Occup Health 44: 156-165. http://dx.doi.org/10.1539/joh.44.156.

Fueta, Y; Ishidao, T; Kasai, T; Hori, H; Arashidani, K. (2000). Decreased paired-pulse inhibition in the dentate gyrus of the brain in rats exposed to 1-bromopropane vapor [Letter]. J Occup Health 42: 149-151. http://dx.doi.org/10.1539/joh.42.149.

Fukunaga, T; Umeno, H. (2010). Implementation and Evaluation of Improvement in Parallel Processing Performance on the Cluster Using Small-Scale SMP PCs. Electronics and Communications in Japan 93: 1-11. http://dx.doi.org/10.1002/ecj.10315.

Fulka, H; Martinkova, S; Kyogoku, H; Langerova, A; Fulka, J, Jr. (2012). Production of Giant Mouse Oocyte Nucleoli and Assessment of Their Protein Content. J Reprod Dev 58: 371-376.

Furimsky, E; Zheng, L; Boudreau, F; Kovacik, G. (1993). ENTRAINED BED GASIFICATION OF COAL - PREDICTION OF CONTAMINANT LEVELS USING THERMODYNAMIC CALCULATIONS. 46: 379-385.

Gao, CJ; Liu, L; Ma, W; Zhu, NZ; Jiang, L; Li, Y; Kannan, K. (2015). Benzonphenone-type UV filters in urine of Chinese young adults: Concentration, source and exposure. Environ Pollut 203: 1-6. http://dx.doi.org/10.1016/j.envpol.2015.03.036.

Gao, J; You, H; Qin, ZP; Fang, JF; Ma, DG; Zhu, XH; Huang, W. (2005). High efficiency polymer electrophosphorescent light-eimitting diodes. Semiconductor Science and Technology 20: 805-808. http://dx.doi.org/10.1088/0268-1242/20/8/029.

Gao, L; Yuan, T; Zhou, C; Cheng, P; Bai, Q; Ao, J; Wang, W; Zhang, H. (2013). Effects of four commonly used UV filters on the growth, cell viability and oxidative stress responses of the Tetrahymena thermophila. Chemosphere 93: 2507-2513. http://dx.doi.org/10.1016/j.chemosphere.2013.09.041.

Gao, WB; Sun, JX; Yang, KX; Liu, HY; Zhao, JH; Liu, SY. (2003). Improved performances of the organic light-emitting devices by doping in the mixed layer. Optical and Quantum Electronics 35: 1149-1155.

Gao, WB; Yang, KX; Liu, HY; Feng, J; Hou, JY; Liu, SY. (2003). Doping in mixed layer can improve the performances of organic light-emitting devices. Synthetic Metals 137: 1529-1530. http://dx.doi.org/10.1016/S0379-6779(02)01222-5.

Gao, Y, hui; Kang, Z, hijie; Tang, Q; Zhang, G; Wang, J, in; Bo, B, aoxue; Jiang, W, enL; Su, B, in. (2016). Improvement of OLEDs' performance with graphene doped in NPB as hole transport layer. Journal of Materials Science: Materials in Electronics 27: 5676-5679. http://dx.doi.org/10.1007/s10854-016-4477-6.

Exposure Literature Search Results

Off Topic

Gao, ZQ; Lee, CS; Bello, I; Lee, ST. (2000). White light electroluminescence from a hole-transporting layer of mixed organic materials. Synthetic Metals 111: 39-42.

Gao, ZQ; Lee, CS; Bello, I; Lee, ST; Wu, SK; Yan, ZL; Zhang, XH. (1999). Blue organic electroluminescence of 1,3,5-triaryl-2-pyrazoline. Synthetic Metals 105: 141-144.

Garde, A; Sornmo, L; Jane, R; Giraldo, BF. (2010). Correntropy-Based Spectral Characterization of Respiratory Patterns in Patients With Chronic Heart Failure. IEEE Trans Biomed Eng 57: 1964-1972. http://dx.doi.org/10.1109/TBME.2010.2044176.

Garde, A; Sörnmo, L; Jané, R; Giraldo, BF. (2010). Breathing pattern characterization in chronic heart failure patients using the respiratory flow signal. Ann Biomed Eng 38: 3572-3580. http://dx.doi.org/10.1007/s10439-010-0109-0.

Genc, TO; Yilmaz, F; Inanan, BE; Yorulmaz, B; Utuk, G. (2015). APPLICATION OF MULTI-METAL BIOACCUMULATION INDEX AND BIOAVAILABILITY OF HEAVY METALS IN Unio sp. (UNIONIDAE) COLLECTED FROM TERSAKAN RIVER, MUGLA, SOUTH-WEST TURKEY. Fresen Environ Bull 24: 208-215.

Ghatak, KP; Bhattacharya, S; Saikia, H; Baruah, D; Saikia, A; Singh, KM; Ali, A; Mitra, SN; Bose, PK; Sinha, A. (2006). The Debye screening length in ultrathin films of nonlinear optical, optoelectronic, and related materials: Simplified theory and suggestion for experimental determination. Journal of Computational and Theoretical Nanoscience 3: 727-751.

Gilhooly, WP, III; Carney, RS; Macko, SA. (2007). Relationships between sulfide-oxidizing bacterial mats and their carbon sources in northern Gulf of Mexico cold seeps. Organic Geochemistry 38: 380-393. http://dx.doi.org/10.1016/j.orggeochem.2006.06.005.

Goel, A; Kumar, V; Singh, SP; Sharma, A; Prakash, S; Singh, C; Anand, RS. (2012). Non-aggregating solvatochromic bipolar benzo[f]quinolines and benzo[a] acridines for organic electronics. J Mater Chem 22: 14880-14888. http://dx.doi.org/10.1039/c2jm31052j.

Gong, MS; Lee, HS; Jeon, YM, in. (2010). Highly efficient blue OLED based on 9-anthracene-spirobenzofluorene derivatives as host materials. J Mater Chem 20: 10735-10746. http://dx.doi.org/10.1039/c0jm00593b.

Gong, S; Zhao, Y; Yang, C; Zhong, C; Qin, J; Ma, D. (2010). Tuning the Photophysical Properties and Energy Levels by Linking Spacer and Topology between the Benzimidazole and Carbazole Units: Bipolar Host for Highly Efficient Phosphorescent OLEDs. J Phys Chem C 114: 5193-5198. http://dx.doi.org/10.1021/jp100034r.

Gorgun, S; Akpinar, MA, li. (2012). Purification and Characterization of Lipase from the Liver of Carp, Cyprinus carpio L. (1758), Living in Lake Todurge (Sivas, Turkiye). Turkish Journal of Fisheries and Aquatic Sciences 12: 207-215. http://dx.doi.org/10.4194/1303-2712-v12_2_03.

Gorley, PN; Vorobiev, YV; Makhniy, VP; Parfenyuk, O; Ilashchuk, M; Gonzalez-Hernandez, J; Horley, PP. (2003). Electric and photoelectric properties of semi-insulating crystals of CdTe : Pb. Mater Sci Eng B 99: 584-587.

Graul, F. (2012). Summary of data on workplace exposure to n-Propylbromide. Arlington, Va: Graul, F. http://ntp.niehs.nih.gov/ntp/roc/nominations/2012/publiccomm/graul_bp20120228.pdf.

Gu, J, uFen; Xie, G, uoHua; Zhang, L; Chen, S, huFen; Lin, ZQ; Zhang, ZS; Zhao, JF; Xie, LH, ai; Tang, C; Zhao, Y, i; Liu, S, hiY; Huang, W, ei. (2010). Dumbbell-Shaped Spirocyclic Aromatic Hydrocarbon to Control Intermolecular pi-pi Stacking Interaction for High-Performance Nondoped Deep-Blue Organic Light-Emitting Devices. Journal of Physical Chemistry Letters 1: 2849-2853. http://dx.doi.org/10.1021/jz101039d.

Guan, M, in; Chen, Z; Bian, Z; Liu, Z; Gong, Z; Baik, W; Lee, H; Huang, C. (2006). The host materials containing carbazole and oxadiazole fragment for red triplet emitter in organic light-emitting diodes. Organic Electronics 7: 330-336. http://dx.doi.org/10.1016/j.orgel.2006.04.006.

Guo, FW; Ma, DG. (2006). High efficiency white organic light-emitting diodes based on double recombination zones. Optical Materials 28: 966-969. http://dx.doi.org/10.1016/j.optmat.2005.05.006.

Guo, FW; Ma, DG; Wang, LX; Jing, XB; Wang, FS. (2005). High efficiency white organic light-emitting devices by effectively controlling exciton recombination region. Semiconductor Science and Technology 20: 310-313. http://dx.doi.org/10.1088/0268-1242/20/3/010.

Guo, J; Wu, C; Zhou, Z. (2016). [Advances in detection methods for 1-bromopropane and its metabolites]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 34: 62-65.

Gusev, AN; Shul'gin, VF; Nishimenko, G; Hasegawa, M; Linert, W. (2013). Photo- and electroluminescent properties europium complexes using bistriazole ligands. Synthetic Metals 164: 17-21. http://dx.doi.org/10.1016/j.synthmet.2012.12.020.

Gutiérrez-Millán, LE; Peregrino-Uriarte, AB; Sotelo-Mundo, R; Vargas-Albores, F; Yepiz-Plascencia, G. (2002). Sequence and conservation of a rRNA and tRNAVal mitochondrial gene fragment from Penaeus californiensis and comparison with Penaeus vannamei and Penaeus stylirostris. Mar Biotechnol 4: 392-398. http://dx.doi.org/10.1007/s10126-002-0008-y.

Guyton, KZ; Kyle, AD; Aubrecht, J; Cogliano, VJ; Eastmond, DA; Jackson, M; Keshava, N; Sandy, MS; Sonawane, B; Zhang, LP; Waters, MD; Smith, MT. (2009). Improving prediction of chemical carcinogenicity by considering multiple mechanisms and applying toxicogenomic approaches [Review]. Mutat Res Rev Mutat Res 681: 230-240. http://dx.doi.org/10.1016/j.mrrev.2008.10.001.

Han, IK; Kim, JH; Piao, XS; Bae, SH; Han, YK. (1998). Evaluation of Bio-V-Pro (R) as an alternative protein source in broiler diets. Asian-Australas J Anim Sci 11: 71-77.

Han, Q; Tian, X; Zhang, G; Yan, Y; Jiang, W; Xing, S. (2015). Doping Concentration of Fluorescent Dyes on the Properties of Yellow Organic Electroluminescent Devices. Nanoscience and Nanotechnology Letters 7: 661-664. http://dx.doi.org/10.1166/nnl.2015.2024.

Han, W, ei; Tian, X; Zhang, G; Yan, Y; Jiang, W; Lang, J; Xing, S. (2015). High Performance Yellow Green Organic Light-Emitting Devices Based on Ir(ppy)(3). Nanoscience and Nanotechnology Letters 7: 806-810. http://dx.doi.org/10.1166/nnl.2015.2034.

Hanley, K; Curwin, B; Sanderson, W; Johnson, B. (2005). Workers' exposures to n- propyl bromide in two foam fabricating plants manufacturing furniture polyurethane seat cushions in north carolina. Hanley, K; Curwin, B; Sanderson, W; Johnson, B.

Hanley, KW; Dunn, K. (2006). Workers' exposures to n-propyl bromide at a helicopter transmission factory. Hanley, KW; Dunn, K.

Hanley, KW; Petersen, M; Curwin, BD; Sanderson, WT. (2006). Urinary bromide and breathing zone concentrations of 1-bromopropane from workers exposed to flexible foam spray adhesives. Ann Occup Hyg 50: 599-607. http://dx.doi.org/10.1093/annhyg/mel020.

Exposure Literature Search Results

Off Topic

Hanley, KW; Petersen, MR; Cheever, KL; Luo, L. (2009). N-acetyl-S-(n-propyl)-l-cysteine in urine from workers exposed to 1-bromopropane in foam cushion spray adhesives. Ann Occup Hyg 53: 759-769. http://dx.doi.org/10.1093/annhyg/mep051.

Hanley, KW; Petersen, MR; Cheever, KL; Luo, L. (2010). Bromide and N-acetyl-S-(n-propyl)-L-cysteine in urine from workers exposed to 1-bromopropane solvents from vapor degreasing or adhesive manufacturing. Int Arch Occup Environ Health 83: 571-584. http://dx.doi.org/10.1007/s00420-010-0524-4.

Hao, J; Deng, Z; Yang, S. (2006). Relationship between exciton recombination zone and applied voltage in organic light-emitting diodes. Displays 27: 108-111. http://dx.doi.org/10.1016/j.displa.2006.01.001.

Hao, Q; Zhao, D; Duan, H; Zhou, Q; Xu, C. (2015). Si/Ag composite with bimodal micro-nano porous structure as a high-performance anode for Li-ion batteries. Nanoscale 7: 5320-5327. http://dx.doi.org/10.1039/c4nr07384c.

Hao, Y; Meng, W; Xu, H; Wang, H, ua; Liu, X; Xu, B. (2011). White organic light-emitting diodes based on a novel Zn complex with high CRI combining emission from excitons and interface-formed electroplex. Organic Electronics 12: 136-142. http://dx.doi.org/10.1016/j.orgel.2010.10.019.

Haq, K, ul; Shan-Peng, L, iu; Khan, MA; Jiang, XY; Zhang, ZL; Cao, J, in; Zhu, WQ. (2009). Red organic light-emitting diodes with high efficiency, low driving voltage and saturated red color realized via two step energy transfer based on ADN and Alq(3) co-host system. Curr Appl Phys 9: 257-262. http://dx.doi.org/10.1016/j.cap.2008.02.005.

Haq, K, ul; Shan-peng, L; Khan, MA; Jiang, XY; Zhang, ZL; Zhu, WQ. (2008). Red organic light-emitting diodes based on wide band gap emitting material as the host utilizing two-step energy transfer. Semiconductor Science and Technology 23. http://dx.doi.org/10.1088/0268-1242/23/3/035024.

Harney, JM; Nemhauser, JB; Reh, CM; Trout, D; Schrader, S. (2003). NIOSH Health Hazard Evaluation Report: HETA No. 99-0260-2906, Marx Industries, Inc., Sawmills, North Carolina. (NTIS/02928130). National Board of Labour Protection (Finland).

Hashemimajd, K; Jamaati-E-Somarin, S. (2011). CONTRIBUTION OF ORGANIC BULKING MATERIALS ON CHEMICAL QUALITY OF SEWAGE SLUDGE VERMICOMPOST. Ciencia e Agrotecnologia 35: 1077-1084.

Havare, AK; Can, M; Yagmurcukardes, N; Yigit, MZ; Aydin, H; Okur, S; Demic, S; Icli, S. (2016). Investigation of the Electrical Parameters of the Organic Diode Modified with 4-[(3-Methylphenyl)(phenyl)amino] Benzoic Acid. 5: P239-P244. http://dx.doi.org/10.1149/2.0131605jss.

He, J; Liu, H; Dai, Y; Ou, X; Wang, J; Tao, S; Zhang, X; Wang, P; Ma, D. (2009). Nonconjugated Carbazoles: A Series of Novel Host Materials for Highly Efficient Blue Electrophosphorescent OLEDs. J Phys Chem C 113: 6761-6767. http://dx.doi.org/10.1021/jp808801q.

He, L, in; Liu, J; Wu, Z; Wang, D; Liang, S; Zhang, X; Jiao, B, o; Wang, D; Hou, X, un. (2010). Solution-processed small molecule thin films and their light-emitting devices. Thin Solid Films 518: 3886-3890. http://dx.doi.org/10.1016/j.tsf.2009.11.002.

He, P. (2007). Growth behaviour and electronic properties of organic semiconductors on metal surfaces. International Journal of Nanotechnology 4: 100-109.

He, SJ; White, R; Wang, DK; Zhang, J; Jiang, N; Lu, ZH. (2014). A simple organic diode structure with strong rectifying characteristics. Organic Electronics 15: 3370-3374. http://dx.doi.org/10.1016/j.orgel.2014.09.018.

Hendricks, TJ; Karri, NK. (2009). Micro- and Nano-Technology: A Critical Design Key in Advanced Thermoelectric Cooling Systems. Journal of Electronic Materials 38: 1257-1267. http://dx.doi.org/10.1007/s11664-009-0709-3.

Hewson, I; Fuhrman, JA. (2006). Improved strategy for comparing microbial assemblage fingerprints. Microb Ecol 51: 147-153. http://dx.doi.org/10.1007/s00248-005-0144-9.

HM, S; HA, A-W; M, M. (2008). Gamma-aminobutyric acid, a potential tumor suppressor for small airway-derived lung adenocarcinoma. Carcinogenesis 29(10): 1979-1985. (Supported by the National Cancer Institute. Authors affiliated with. Carcinogenesis 29: 1979-1985. http://dx.doi.org/10.1093/carcin/bgn041.

Hoanh, TD; Im, YH; Kim, DE, un; Kwon, YS, oo; Lee, BJ. (2012). Synthesis and Electroluminescent Properties of Bis(3H-1,2,3-triazolo-[4,5-b]pyridine-3-ol)zinc Zn(TAP)(2). Journal of Nanomaterials. http://dx.doi.org/10.1155/2012/451306.

Hoanh, TD, ac; Kim, I, kH; Kim, DE, un; Shin, HK, yu; Kwon, YS, oo; Chang, SM, ok; Lee, BJ. (2014). Synthesis and Electroluminescent Properties of a Novel Electroluminescence Material of Bis-2-(4-(diphenylphosphino)phenyl)benzo[d]oxazole (DPB). J Nanosci Nanotechnol 14: 5889-5893. http://dx.doi.org/10.1166/jnn.2014.8413.

Hongmei, Z; Jianjian, X; Wenjin, Z; Wei, H. (2014). Effect of PEDOT:PSS vs. MoO3 as the hole injection layer on performance of C545T-based green electroluminescent light-emitting diodes. Displays 35: 171-175. http://dx.doi.org/10.1016/j.displa.2014.04.004.

Horn, HG; Kolkmann, F; Janke, N. (1981). BY-PRODUCTS OF THE SYNTHESIS OF 3,3,3-TRIFLUORINE-1-BROMOPROPANE. Chemiker-Zeitung 105: 123-123.

Hsia, AP; Wen, TJ; Chen, HD; Liu, Z; Yandeau-Nelson, MD; Wei, Y; Guo, L; Schnable, PS. (2005). Temperature gradient capillary electrophoresis (TGCE)--a tool for the high-throughput discovery and mapping of SNPs and IDPs. Theor Appl Genet 111: 218-225. http://dx.doi.org/10.1007/s00122-005-1997-5.

Hsu, CM; Liu, CF; Cheng, HE; Wu, WT. (2006). Low-temperature nickel-doped indium tin oxide anode for flexible organic light-emitting devices. Journal of Electronic Materials 35: 383-387.

Hu, J; Zhang, G; Shih, HH; Sun, P; Cheng, CH. (2008). Synthesis and luminescent properties of Ir complexes with fluorine substituted phenylpyridine derivative ligands. Synthetic Metals 158: 912-916. http://dx.doi.org/10.1016/j.synthmet.2008.06.012.

Hu, YM; Li, RH; He, Y; Zhang, XQ; Li, MQ; Zhu, Y; Yi, JH; Fu, RC, h. (2014). Molecular beam deposition and polymerization of parylene-N ultrathin films: Effective buffers in organic light emitting diodes. Appl Surf Sci 314: 1070-1073. http://dx.doi.org/10.1016/j.apsusc.2014.06.036.

Hu, YX, u; Zhao, GW, ei; Dong, Y, an; Lu, Y, anLi; Li, X; Zhang, DY, u. (2017). New rhenium(I) complex with thiadiazole-annelated 1,10-phenanthroline for highly efficient phosphorescent OLEDs. Dyes and Pigments 137: 569-575. http://dx.doi.org/10.1016/j.dyepig.2016.10.048.

Exposure Literature Search Results

Off Topic

Hua, J, ie; Sun, D; Wang, Y, u; Gao, D, i; Wang, J, in; Jiang, W, enL; Ouyang, X, inHua; Zeng, H, eP. (2014). Efficient and Good Color Quality Single-Emitting-Layer Fluorescent White Organic Light-Emitting Diode Employing a Novel 8-Hydroxyquinoline Derivative as Yellow Emissive Component. Nanoscience and Nanotechnology Letters 6: 1040-1045. http://dx.doi.org/10.1166/nnl.2014.1921.

Huang, CJ; Chen, K, anLin; Chou, D, eiWei; Lee, Y, uC; Kang, CC. (2014). Enhancing Color Purity and Stable Efficiency of White Organic Light Diodes by Using Hole-Blocking Layer. Journal of Nanomaterials. http://dx.doi.org/10.1155/2014/915894.

Huang, D, a; Tan, Y; Sun, Y; Zheng, C; Wang, Z. (2015). Quantum chemical calculation study on terphenyl arylamines hole transport materials. Society for Information Display Journal 23: 182-185. http://dx.doi.org/10.1002/jsid.320.

Huang, H; Wang, Y; Zhuang, S; Yang, X; Wang, L, ei; Yang, C. (2012). Simple Phenanthroimidazole/Carbazole Hybrid Bipolar Host Materials for Highly Efficient Green and Yellow Phosphorescent Organic Light-Emitting Diodes. J Phys Chem C 116: 19458-19466. http://dx.doi.org/10.1021/jp305764b.

Huang, HH; Chu, SY; Kao, P, oC; Chen, YC. (2008). High efficiency white organic light emitting diodes using Rubrene doped N,N '-bis-(1-naphthyl)-N,N '-diphenyl-1,1 '-biphenyl-4,4 '-diamine as an emitting layer. Thin Solid Films 516: 5669-5672. http://dx.doi.org/10.1016/j.tsf.2007.07.082.

Huang, HH; Chu, SY; Kao, PC; Chen, YC. (2008). Improvement of highly efficient organic light-emitting diodes using Mg-doped ZnO buffer layers. Thin Solid Films 516: 5664-5668. http://dx.doi.org/10.1016/j.tsf.2007.07.081.

Huang, HH; Chu, SY; Kao, PC; Chen, YC; Yang, MR; Tseng, ZL. (2009). Enhancement of hole-injection and power efficiency of organic light emitting devices using an ultra-thin ZnO buffer layer. J Alloy Comp 479: 520-524. http://dx.doi.org/10.1016/j.jallcom.2008.12.122.

Huang, J, inZ; Xu, Z; Zhao, S, uL; Zhang, F, uJun; Wang, Y. (2007). Luminescence properties of type-II quantum well light-emitting diodes formed with NPB and Alq(3). Appl Surf Sci 253: 4542-4545. http://dx.doi.org/10.1016/j.apsusc.2006.10.005.

Huang, J; Yi, M; Hummelgen, I, voA; Ma, D. (2009). Ambipolar permeable metal-base transistor based on NPB/C-60 heterojunction. Organic Electronics 10: 210-213. http://dx.doi.org/10.1016/j.orgel.2008.10.019.

Huang, MC; Chao, JS. (2001). Regulatory sequences in the 5 ' flanking region of goat beta-casein gene. Asian-Australas J Anim Sci 14: 1628-1633.

Huang, W, enC; Chen, CC. (2011). Electrical characteristics and inhomogeneous barrier analysis of Al/NPB/p-Si Schottky diodes. Microelectron Eng 88: 287-292. http://dx.doi.org/10.1016/j.mee.2010.11.023.

Huang, W, enC; Horng, CT; Cheng, J, inC; Chen, CC. (2011). The current-voltage-temperature characteristics of Al/NPB/p-Si contact. Microelectron Eng 88: 597-600. http://dx.doi.org/10.1016/j.mee.2010.06.021.

Huang, YJ; Huang, CW; Lin, TH; Lin, CT; Chen, LG; Hsiao, PY; Wu, BR; Hsueh, HT; Kuo, BJ; Tsai, HH; Liao, HH; Juang, YZ; Wang, CK; Lu, SS. (2013). A CMOS cantilever-based label-free DNA SoC with improved sensitivity for hepatitis B virus detection. I E E E Transactions on Biomedical Circuits and Systems 7: 820-831. http://dx.doi.org/10.1109/TBCAS.2013.2247761.

Huang, ZH; Zeng, XT; Kang, ET; Fuh, JYH; Lu, L; Sun, XY. (2006). Electrochemical treatment of ITO surface for performance improvement of organic light-emitting diode. Electrochemical and Solid-State Letters 9: H39-H42. http://dx.doi.org/10.1149/1.2191008.

Huang, ZH; Zeng, XT; Sun, XY; Kang, ET; Fuh, JYH; Lu, L. (2008). Influence of plasma treatment of ITO surface on the growth and properties of hole transport layer and the device performance of OLEDs. Organic Electronics 9: 51-62. http://dx.doi.org/10.1016/j.orgel.2007.08.002.

Huang, ZH; Zeng, XT; Sun, XY; Kang, ET; Fuh, JYH; Lu, L. (2009). Influence of electrochemical treatment of ITO surface on nucleation and growth of OLED hole transport layer. Thin Solid Films 517: 4810-4813. http://dx.doi.org/10.1016/j.tsf.2009.03.020.

Hughes, MA; Wood, J; Rosenberg, E. (2008). Polymer structure and metal ion selectivity in silica polyamine composites modified with sodium chloroacetate and nitriloacetic acid (NTA) anhydride. Ind Eng Chem Res 47: 6765-6774. http://dx.doi.org/10.1021/ie800359k.

Huh, D, alHo; Kim, GW, oo; Kim, GH; Kulshreshtha, C; Kwon, JH. (2013). High hole mobility hole transport material for organic light-emitting devices. Synthetic Metals 180: 79-84. http://dx.doi.org/10.1016/j.synthmet.2013.07.021.

Hui, L; Junsheng, Y; Nana, W; Chunhua, H; Yadong, J. (2008). Flexible organic light-emitting diodes with improved performance by insertion of an UV-sensitive layer. Journal of Vacuum Science and Technology Part B Microelectronics and Nanometer Structures 26: 1379-1381. http://dx.doi.org/10.1116/1.2953729.

Huixia, X; Yan, Y; Litao, Q; Yuying, H; Hua, W; Liuqing, C; Bingshe, X. (2013). Synthesis and characterization of blue-to-green electrophosphorescence emitter based on pyrazole iridium complexes. Dyes and Pigments 99: 67-73. http://dx.doi.org/10.1016/j.dyepig.2013.04.022.

Hwang, EJ; Kim, YE; Lee, CJ; Park, JW. (2006). Synthesis and luminescent properties of pentacene derivatives having a chromophore. Thin Solid Films 499: 185-191. http://dx.doi.org/10.1016/j.tsf.2005.07.018.

Hyman, J; Leifer, Z; Rosenkranz, HS. (1980). THE E.COLI POL A1- ASSAY. A QUANTITATIVE PROCEDURE FOR DIFFUSIBLE AND NON-DIFFUSIBLE CHEMICALS (pp. 107-111). (ISSN 0027-5107; EISSN 1873-135X; EMICBACK/34544). Hyman, J; Leifer, Z; Rosenkranz, HS.

IARC. (1994). Propylene oxide. In Some Industrial Chemicals. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, vol. 60. 181-213.

IARC (International Agency for Research on Cancer). (2000). Glycidol In Some Industrial Chemicals in IARC Monographs on the Evaluation of Carcinogenic Risks to Humans. Vol. 77, 469-486. Lyon, France. http://monographs.iarc.fr/ENG/Monographs/vol77/mono77-19.pdf.

Ichihara, G. (2005). Neuro-reproductive toxicities of 1-bromopropane and 2-bromopropane [Review]. Int Arch Occup Environ Health 78: 79-96. http://dx.doi.org/10.1007/s00420-004-0547-9.

Ichihara, G; Li, W; Ding, X; Peng, S; Yu, X; Shibata, E; Yamada, T; Wang, H; Itohara, S; Kanno, S; Sakai, K; Ito, H; Kanefusa, K; Takeuchi, Y. (2004). A survey on exposure level, health status, and biomarkers in workers exposed to 1-bromopropane. Am J Ind Med 45: 63-75. http://dx.doi.org/10.1002/ajim.10320.

Ichihara, G; Li, W; Shibata, E; Ding, X; Wang, H; Li, J; Huang, F; Peng, S; Gu, B; Ichihara, S; Takeuchi, Y. (2006). Exposure to 1-bromopropane adversely affects vibration sense and nerve conduction velocity of lower limbs and central nervous system in workers [Abstract]. Clin Toxicol 44: 668.

Exposure Literature Search Results

Off Topic

Ichihara, G; Miller, JK; Ziolkokwska, A; Itohara, S; Takeuchi, Y. (2002). Neurological disorders in three workers exposed to 1-bromopropane. J Occup Health 44: 1-7. http://dx.doi.org/10.1539/joh.44.1.

Ichihara, G; Miller, JK; Ziolkowska, A; Itohara, S; Takeuchi, Y. (2002). Neurological disorders in three workers exposed to 1-bromopropane (vol 44, pg 1, 2002). J Occup Health 44.

Ichihara, G; Wang, H; Zhang, L; Wakai, K; Li, W; Ding, X; Shibata, E; Zhou, Z; Wang, Q; Li, J; Ichihara, S; Takeuchi, Y. (2011). Dose-dependent neurologic abnormalities in workers exposed to 1-bromopropane: authors' response [Letter]. J Occup Environ Med 53: 1095-1098. http://dx.doi.org/10.1097/JOM.0b013e3182300a4f.

Ikehata, T; Shioya, K; Sato, NY; Yukimura, K. (2004). Positive pulse bias method for a high-throughput PBII processing system. Surf Coating Tech 186: 209-213. http://dx.doi.org/10.1016/j.surfcoat.2004.04.028.

Ise, K; Ishikawa, K; Li, CY; Ye, CR. (2002). Inheritance of resistance to rice stripe virus in rice line 'BL 1'. Euphytica 127: 185-191.

Ishidao, T; Fueta, Y; Ueno, S; Yoshida, Y; Hori, H. (2016). A cross-fostering analysis of bromine ion concentration in rats that inhaled 1-bromopropane vapor. J Occup Health 58: 241-246. http://dx.doi.org/10.1539/joh.15-0284-OA.

Ishihara, S; Hase, H; Okachi, T; Naito, H. (2011). Determination of charge carrier mobility in tris(8-hydroxy-quinolinato) aluminum by means of impedance spectroscopy measurements. Organic Electronics 12: 1364-1369. http://dx.doi.org/10.1016/j.orgel.2011.05.004.

Islam, A; Murugan, P; Hwang, KC; Cheng, CH. (2003). Blue light-emitting devices based on 1,8-acridinedione derivatives. Synthetic Metals 139: 347-353. http://dx.doi.org/10.1016/S0379-6779(03)00188-7.

Jackson, VR; Lin, SH; Wang, Z; Nothacker, HP; Civelli, O. (2006). A study of the rat neuropeptide B/neuropeptide W system using in situ techniques. J Comp Neurol 497: 367-383. http://dx.doi.org/10.1002/cne.20989.

Jaeger, L; Schmidt, TD; Bruetting, W. (2016). Manipulation and control of the interfacial polarization in organic light-emitting diodes by dipolar doping. 6. http://dx.doi.org/10.1063/1.4963796.

Jang, J, iG; Ji, HJ, in. (2012). Blue Phosphorescent Organic Light-Emitting Devices with the Emissive Layer of mCP:FCNIr(pic). Advances in Materials Science and Engineering. http://dx.doi.org/10.1155/2012/192731.

Jang, J, iG; Kim, W, onKi. (2010). High-efficiency red-phosphorescent organic light-emitting diode with the organic structure of 2-TNATA/Bebq(2):SFC-411/SFC-137. Society for Information Display Journal 18: 92-96. http://dx.doi.org/10.1889/JSID18.1.92.

Jang, J, inN; Song, BC; Lee, DH; Yoo, S, ukJae; Lee, B; Hong, M. (2011). Effects of neutral particle beam on nano-crystalline silicon thin films, with application to thin film transistor backplane for flexible active matrix organic light emitting diodes. Thin Solid Films 519: 6667-6672. http://dx.doi.org/10.1016/j.tsf.2011.04.135.

Jang, YK, i; Kim, DE, un; Kim, W, onSam; Kim, BS; Kwon, O, hK; Lee, BJ; Kwon, YS, oo. (2007). White OLEDs based on novel emissive materials such as Zn(HPB)(2) and Zn(HPB)q. Thin Solid Films 515: 5075-5078. http://dx.doi.org/10.1016/j.tsf.2006.10.098.

Jankus, V; Winscom, C; Monkman, AP. (2011). Critical Role of Triplet Exciton Interface Trap States in Bilayer Films of NPB and Ir(piq)(3). Adv Funct Mater 21: 2522-2526. http://dx.doi.org/10.1002/adfm.201002262.

Janzen, N; Banzhaf, S; Scheytt, T; Bester, K. (2009). Vertical flow soil filter for the elimination of micro pollutants from storm and waste water. Chemosphere 77: 1358-1365. http://dx.doi.org/10.1016/j.chemosphere.2009.09.024.

Jaroenram, W; Chaivisuthangkura, P; Owens, L. (2015). One base pair deletion and high rate of evolution: Keys to viral accommodation of Australian Penaeus stylirostris densovirus. Aquaculture 443: 40-48. http://dx.doi.org/10.1016/j.aquaculture.2015.03.003.

Jena, B; Manoharan, SS; Prakash, S. (2009). Specificity and Selectivity in Photoluminescent Properties of pi-Conjugated Benzheterazole Molecules. J Phys Chem C 113: 20942-20948. http://dx.doi.org/10.1021/jp907722g.

Jeon, T; Geffroy, B; Tondelier, D; Bonnassieux, Y; Forget, S; Chenais, S; Ishow, E. (2013). White organic light-emitting diodes with an ultra-thin premixed emitting layer. Thin Solid Films 542: 263-269. http://dx.doi.org/10.1016/j.tsf.2013.06.054.

Jeon, W, ooSik; Park, T, aeJin; Kim, KH; Pode, R; Jang, J, in; Kwon, JH. (2010). High efficiency red phosphorescent organic light-emitting diodes with single layer structure. Organic Electronics 11: 179-183. http://dx.doi.org/10.1016/j.orgel.2009.10.010.

Jeon, YM, in; Lee, I, nHo; Lee, HS; Gong, MS. (2011). Orange phosphorescent organic light-emitting diodes based on spirobenzofluorene type carbazole derivatives as a host material. Dyes and Pigments 89: 29-36. http://dx.doi.org/10.1016/j.dyepig.2010.08.015.

Jeon, YM, in; Lee, J, unY; Kim, JW, oo; Lee, CW, on; Gong, MS. (2010). Deep-blue OLEDs using novel efficient spiro-type dopant materials. Organic Electronics 11: 1844-1852. http://dx.doi.org/10.1016/j.orgel.2010.08.007.

Jeong, CH; Lim, JT; Kim, MS; Lee, JH; Bae, JW; Yeom, GY. (2007). Four-wavelength white organic light-emitting diodes using 4,4 '-bis-[carbazoyl-(9)]-stilbene as a deep blue emissive layer. Organic Electronics 8: 683-689. http://dx.doi.org/10.1016/j.orgel.2007.05.005.

Jeong, D; Lim, C; Kim, M; Jeong, K; Kim, J, aeHun; Kim, J; Park, J, inGoo; Min, KS, ik; Lee, J. (2017). Self-assembled monolayer modified MoO3/Au/MoO3 multilayer anodes for high performance OLEDs. Electronic Materials Letters 13: 16-24. http://dx.doi.org/10.1007/s13391-017-6381-5.

Jeong, H, aeJin; Ha, JH; Park, J, aeY; Kim, JH; Kang, N, amS; Kim, S; Kim, J, aeS; Du Yoo, Y; Yih, W, onHo. (2006). Distribution of the heterotrophic dinoflagellate Pfiesteria piscicida in Korean waters and its consumption of mixotrophic dinoflagellates, raphidophytes and fish blood cells. Aquatic Microbial Ecology 44: 263-278.

Jha, JK; Sun, W, ei; Santos-Ortiz, R; Du, J; Shepherd, ND. (2016). Electro-optical performance of molybdenum oxide modified aluminum doped zinc oxide anodes in organic light emitting diodes: A comparison to indium tin oxide. 6: 289-294. http://dx.doi.org/10.1166/mex.2016.1308.

Jia, WL; Feng, XD; Bai, DR; Lu, ZH; Wang, SN; Vamvounis, G. (2005). MeS2B(p-4,4 '-biphenyl-NPh(1-naphthyl)): A multifunctional molecule for electroluminescent devices. Chem Mater 17: 164-170. http://dx.doi.org/10.1021/cm048617t.

Jia, WL; Moran, MJ; Yuan, YY; Lu, ZH; Wang, SN. (2005). (1-Naphthyl)phenylamino functionalized three-coordinate organoboron compounds: syntheses, structures, and applications in OLEDs. J Mater Chem 15: 3326-3333. http://dx.doi.org/10.1039/b506840a.

Jia, Y; Duan, L; Zhang, D; Qiao, J; Dong, G; Wang, L; Qiu, Y. (2013). Low-Temperature Evaporable Re2O7: An Efficient p-Dopant for OLEDs. J Phys Chem C 117: 13763-13769. http://dx.doi.org/10.1021/jp400003m.

Exposure Literature Search Results

Off Topic

Jiang, MD, an; Lee, P, eiYu; Chiu, TL; Lin, HC; Lee, JH, aw. (2011). Optimizing hole-injection in organic electroluminescent devices by modifying CuPc/NPB interface. Synthetic Metals 161: 1828-1831. http://dx.doi.org/10.1016/j.synthmet.2011.06.010.

Jiang, S; Wang, J; Liu, D, an; Chen, L; Zhang, X; Xu, F, an; Sun, S; Jiang, H, ui; Ding, G; Wang, T; Bai, L; Zhang, F; Xu, Z. (2016). Mapping and candidate gene analysis for a new top spikelet abortion mutant in rice. Plant Breeding (Print) 135: 155-165. http://dx.doi.org/10.1111/pbr.12342.

Jiang, WL; Duan, Y; Zhao, Y; Hou, JY; Liu, SY. (2005). A novel efficient blue organic light emitting structure. Materials Science Forum 475-479: 3677-3679.

Jiang, X, ueYin; Zhang, Z, hiLin; Cao, J, in; Zhu, W, enQ. (2008). High stability and low driving voltage green organic light emitting diode with molybdenum oxide as buffer layer. Solid-State Electronics 52: 952-956. http://dx.doi.org/10.1016/j.sse.2008.01.017.

Jiang, X, ueYin; Zhang, Z, hiLin; Zhu, W, enQ; Xu, SH. (2006). Highly efficient and stable white organic light emitting diode with triply doped structure. Displays 27: 161-165. http://dx.doi.org/10.1016/j.displa.2006.05.002.

Jiang, XY; Zhang, ZL; Zhang, BX; Zhu, WQ; Xu, SH. (2002). Stable and current independent white-emitting organic diode. Synthetic Metals 129: 9-13.

Jiang, XY; Zhang, ZL; Zheng, XY; Wu, YZ; Xu, SH. (2001). A blue organic emitting diode from anthracene derivative. Thin Solid Films 401: 251-254.

Jiang, Z; Liu, Z; Yang, C; Zhong, C; Qin, J; Yu, G, ui; Liu, Y. (2009). Multifunctional Fluorene-Based Oligomers with Novel Spiro-Annulated Triarylamine: Efficient, Stable Deep-Blue Electroluminescence, Good Hole Injection, and Transporting Materials with Very High T-g. Adv Funct Mater 19: 3987-3995. http://dx.doi.org/10.1002/adfm.200901534.

Jiang, Z; Xu, X; Zhang, Z; Yang, C; Liu, Z; Tao, Y; Qin, J; Ma, D. (2009). Diarylmethylene-bridged 4,4 '-(bis(9-carbazolyl))biphenyl: morphological stable host material for highly efficient electrophosphorescence. J Mater Chem 19: 7661-7665. http://dx.doi.org/10.1039/b910247g.

Jiang, Z; Ye, T; Yang, C; Yang, D; Zhu, M; Zhong, C; Qin, J; Ma, D. (2011). Star-Shaped Oligotriarylamines with Planarized Triphenylamine Core: Solution-Processable, High-T-g Hole-Injecting and Hole-Transporting Materials for Organic Light-Emitting Devices. Chem Mater 23: 771-777. http://dx.doi.org/10.1021/cm1018585.

Jianwei, L; Junxin, L; Lin, L. (2008). Performance of two biofilters with neutral and low pH treating off-gases. J Environ Sci 20: 1409-1414.

Jiao, B, o; Wu, Z; Yang, Z; Hou, X, un. (2013). Tandem organic light-emitting diodes with an effective nondoped charge-generation unit. Physica Status Solidi A: Applications and Materials Science (Print) 210: 2583-2587. http://dx.doi.org/10.1002/pssa.201330119.

Jiménez-Díaz, I; Artacho-Cordón, F; Vela-Soria, F; Belhassen, H; Arrebola, JP; Fernández, MF; Ghali, R; Hedhili, A; Olea, N. (2016). Urinary levels of bisphenol A, benzophenones and parabens in Tunisian women: A pilot study. Sci Total Environ 562: 81-88. http://dx.doi.org/10.1016/j.scitotenv.2016.03.203.

Jin, F; Chu, B, ei; Li, W; Su, Z; Zhao, B, o; Zhang, T; Yan, X; Gao, Y; Wu, H; Lee, CS; Zhu, J; Pi, H; Wang, J. (2013). The influence of donor material on achieving high photovoltaic response for organic bulk heterojunction cells with small ratio donor component. Organic Electronics 14: 1130-1135. http://dx.doi.org/10.1016/j.orgel.2013.01.026.

JL, W. (2012). Establishing the carcinogenic risk of immunomodulatory drugs. Toxicol Pathol 40(2): 267-271. (Support not reported. Author affiliated with U.S. Toxicol Pathol 40: 267-271. http://dx.doi.org/10.1177/0192623311427711.

Johnson, CW; Williams, WC; Copeland, CB; Devito, MJ; Smialowicz, RJ. (2000). Sensitivity of the SRBC PFC assay versus ELISA for detection of immunosuppression by TCDD and TCDD-like congeners. Toxicology 156: 1-11.

Joo, CW; Jeon, SO, k; Yook, KS, oo; Lee, J, unY. (2010). Red phosphorescent organic light-emitting diodes with indium tin oxide/single organic layer/Al simple device structure. Organic Electronics 11: 36-40. http://dx.doi.org/10.1016/j.orgel.2009.09.019.

Juang, F, uhS; Ji, LW, en; Tsai, Y, uS; Tseng, CC; Meen, TH. (2007). Effects of nitridation time on top-emission inverted organic light-emitting diodes. J Cryst Growth 305: 109-112. http://dx.doi.org/10.1016/j.jcrysgro.2007.03.049.

Jung, BJ; Lee, JI; Chu, HY; Do, LM; Lee, J; Shim, HK. (2005). A new family of bis-DCM based dopants for red OLEDs. J Mater Chem 15: 2470-2475. http://dx.doi.org/10.1039/b419408j.

Jung, K; Park, S; Lee, Y; Youn, Y; Shin, H, aeIn; Kim, H, anKi; Lee, H; Yi, Y. (2016). Energy level alignments at the interface of N,N '-bis-(1-naphthyl)-N,N '-diphenyl-1,1 '-biphenyl-4,4 '-diamine (NPB)/Ag-doped In2O3 and NPB/Sn-doped In2O3. Appl Surf Sci 387: 625-630. http://dx.doi.org/10.1016/j.apsusc.2016.06.157.

Kaczmarek, KA; Haase, SJ. (2003). Pattern identification and perceived stimulus quality as a function of stimulation waveform on a fingertip-scanned electrotactile display. IEEE Trans Neural Syst Rehabil Eng 11: 9-16. http://dx.doi.org/10.1109/TNSRE.2003.810421.

Kadekar, S; Peddada, S; Silins, I; French, JE; Högberg, J; Stenius, U. (2012). Gender differences in chemical carcinogenesis in National Toxicology Program 2-year bioassays. Toxicol Pathol 40: 1160-1168. http://dx.doi.org/10.1177/0192623312446527.

Kan, Y; Wang, LD; Gao, YD; Duan, L; Wu, GS; Qiu, Y. (2004). Highly efficient blue electroluminescence based on a new anthracene derivative. Synthetic Metals 141: 245-249. http://dx.doi.org/10.1016/S0379-6779(03)00406-5.

Kaneko, T; Kim, HY; Wang, PY; Sato, A. (1997). Partition coefficients and hepatic metabolism in vitro of 1- and 2-bromopropanes. J Occup Health 39: 341-342. http://dx.doi.org/10.1539/joh.39.341.

Kanemitsu, M; Fueta, Y; Ishidao, T; Aou, S; Hori, H. (2016). Development of a direct exposure system for studying the mechanisms of central neurotoxicity caused by volatile organic compounds. Ind Health 54: 42-49. http://dx.doi.org/10.2486/indhealth.2015-0076.

Kang, E; Kim, K; Kim, DE, un; Shin, HK, yu; Lee, BJ. (2014). Synthesis and Organic Light-Emitting Diode Properties of Isomeric (Benzo[d]thiazol-2-yl)phenyldiphenylphosphine Oxides. 6: 2298-2303. http://dx.doi.org/10.1166/sam.2014.2196.

Kang, HS; Ko, A; Kwon, JE; Kyung, MS; Moon, GI; Park, JH; Lee, HS; Suh, JH; Lee, JM; Hwang, MS; Kim, K; Hong, JH; Hwang, IG. (2016). Urinary benzophenone concentrations and their association with demographic factors in a South Korean population. Environ Res 149: 1-7. http://dx.doi.org/10.1016/j.envres.2016.04.036.

Kang, S; Lee, H; Kim, B; Park, Y; Park, J. (2016). Synthesis and Property of New Propeller Shaped Emitting Materials for Organic Light-Emitting Devices. J Nanosci Nanotechnol 16: 3102-3105. http://dx.doi.org/10.1166/jnn.2016.11055.

Exposure Literature Search Results

Off Topic

Kanno, H; Hamada, Y; Takahashi, H. (2004). Development of OLED with high stability and luminance efficiency by co-doping methods for full color displays. I E E E Journal on Selected Topics in Quantum Electronics 10: 30-36. http://dx.doi.org/10.1109/JSTQE.2004.824076.

Kao, P, oC; Chu, SY; Chen, CH; Huang, HH; Yang, CH; Sun, IW, en. (2006). White and red organic light-emitting diodes using a phosphorescent iridium complex as a red dopant. J Electrochem Soc 153: H228-H231. http://dx.doi.org/10.1149/1.2358930.

Kao, P, oC; Lu, CW, en; Lin, J, ieHan; Lin, Y, ehKai. (2014). Lithium hydroxide doped tris(8-hydroxyquinoline) aluminum as an effective interfacial layer in inverted bottom-emission organic light-emitting diodes. Thin Solid Films 570: 510-515. http://dx.doi.org/10.1016/j.tsf.2014.05.025.

Kao, PC; Chu, SY; Chen, TY; Zhan, CY; Hong, FC; Chang, CY; Hsu, LC; Liao, WC; Hon, MH. (2005). Fabrication of large-scaled organic light emitting devices on the flexible substrates using low-pressure imprinting lithography. I E E E Transactions on Electron Devices 52: 1722-1726. http://dx.doi.org/10.1109/TED.2005.851811.

Kao, PC; Chu, SY; Liu, SJ; You, ZX; Chuang, CA. (2006). Improved performance of organic light-emitting diodes using a metal-phthalocyanine hole-injection layer. J Electrochem Soc 153: H122-H126. http://dx.doi.org/10.1149/1.2189267.

Kao, PC; Chu, SY; You, ZX; Liou, SJ; Chuang, CA. (2006). Improved efficiency of organic light-emitting diodes using CoPc buffer layer. Thin Solid Films 498: 249-253. http://dx.doi.org/10.1016/j.tsf.2005.07.120.

Kathirgamanathan, P; Surendrakumar, S; Vanga, RR; Ravichandran, S; Antipan-Lara, J; Ganeshamurugan, S; Kumaraverl, M; Paramaswara, G; Arkley, V. (2011). Arylvinylene phenanthroline derivatives for electron transport in blue organic light emitting diodes. Organic Electronics 12: 666-676. http://dx.doi.org/10.1016/j.orgel.2010.12.025.

Kato, Y; Kamoshita, A; Yamagishi, J. (2006). Growth of three rice cultivars (Oryza sativa L.) under upland conditions with different levels of water supply 2. Grain yield. Plant Production Science 9: 435-445.

Kato, Y; Kamoshita, A; Yamagishi, J; Abe, J, un. (2006). Growth of three rice (Oryza sativa L.) cultivars under upland conditions with different levels of water supply 1. Nitrogen content and dry matter production. Plant Production Science 9: 422-434.

Kato, Y; Kamoshita, A; Yamagishi, J; Imoto, H; Abe, J, un. (2007). Growth of rice (Oryza sativa L.) cultivars under upland conditions with different levels of water supply 3. Root system development, soil moisture change and plant water status. Plant Production Science 10: 3-13.

Kawai, T; Takeuchi, A; Miyama, Y; Sakamto, K; Zhang, ZW; Higashikawa, K; Ikeda, M. (2001). Biological monitoring of occupational exposure to 1-bromopropane by means of urinalysis for 1-bromopropane and bromide ion. Biomarkers 6: 303-312. http://dx.doi.org/10.1080/13547500110034817.

Kay, KY; Cho, SY; Park, HC; Park, JW. (2003). Synthesis and electroluminescent properties of bipyridine derivatives. Synthetic Metals 137: 1045-1046. http://dx.doi.org/10.1016/S0379-6779(02)00897-4.

Khan, MA; Xu, W, ei; Khizar-Ul-Haq; Bai, Y, u; Jiang, XY; Zhang, ZL; Zhu, WQ. (2008). Influence of p-doping hole transport layer on the performance of organic light-emitting devices. Semiconductor Science and Technology 23. http://dx.doi.org/10.1088/0268-1242/23/5/055014.

Khantham, S; Tunhoo, B; Onlaor, K; Thiwawong, T; Nukeaw, J. (2012). Electrical properties of dye-doped colour tunable organic light emitting diode. Can J Chem Eng 90: 903-908. http://dx.doi.org/10.1002/cjce.21658.

Kim, B; Kwon, B; Jang, S; Kim, PG; Ji, K. (2016). Major benzophenone concentrations and influence of food consumption among the general population in Korea, and the association with oxidative stress biomarker. Sci Total Environ 565: 649-655. http://dx.doi.org/10.1016/j.scitotenv.2016.05.009.

Kim, B; Lee, J; Park, Y; Lee, C; Park, JW. (2014). Highly efficient new hole injection materials for organic light emitting diodes base on phenothiazine derivatives. J Nanosci Nanotechnol 14: 6404-6408. http://dx.doi.org/10.1166/jnn.2014.8456.

Kim, B, oY; Lee, SJ, ae; Koo, J, aR; Lee, SE, un; Lee, K, umHee; Yoon, SS, oo; Kim, YK. (2013). Effect of electron transport layer engineering based on blue phosphorescent organic light-emitting diodes. Displays 34: 396-398. http://dx.doi.org/10.1016/j.displa.2013.08.003.

Kim, B; Park, Y; Park, J. (2014). White Organic Light-Emitting Diodes with Single Active Layer Using a Solution Process Based on a Co-Host Emitter System. J Nanosci Nanotechnol 14: 8449-8452. http://dx.doi.org/10.1166/jnn.2014.9913.

Kim, B; Park, Y; Shin, H; Lee, J; Park, J. (2011). A Study on Single-Layered White Organic Light-Emitting Diodes Based on Co-Host System Using Solution Process. J Nanosci Nanotechnol 11: 7508-7511. http://dx.doi.org/10.1166/jnn.2011.4842.

Kim, BS, oo; Kim, T, aeMin; Choi, M, inSoo; Shim, HS, ub; Kim, JJ, oo. (2015). Fully vacuum-processed perovskite solar cells with high open circuit voltage using MoO3/NPB as hole extraction layers. Organic Electronics 17: 102-106. http://dx.doi.org/10.1016/j.orgel.2014.12.002.

Kim, C; Yoon, JY; Lee, S; Lee, H; Kim, YK; Yoon, S. (2015). Various Blue Emitting Materials Based on Pyrene Derivatives for Organic Light-Emitting Diodes. J Nanosci Nanotechnol 15: 5246-5249. http://dx.doi.org/10.1166/jnn.2015.10398.

Kim, CK; Noh, IH; Lee, TS; Lee, BW; Hong, C; Moon, DG. (2010). Efficient white organic light-emitting diodes based on a balanced split of the exciton-recombination zone using a graded mixed layer as an electron-blocking layer. Society for Information Display Journal 18: 97-102. http://dx.doi.org/10.1889/JSID18.1.97.

Kim, DE, un; Kim, W, onSam; Kim, BS; Lee, BJ; Kwon, YS, oo. (2008). Improvement of color purity in white OLED based on Zn(HPB)(2) as blue emitting layer. Thin Solid Films 516: 3637-3640. http://dx.doi.org/10.1016/j.tsf.2007.08.103.

Kim, DE, un; Kwon, YS, oo; Shin, HK, yu. (2015). Fabrication of White Organic Light Emitting Diode Using Two Types of Zn-Complexes as an Emitting Layer. J Nanosci Nanotechnol 15: 488-491. http://dx.doi.org/10.1166/jnn.2015.8417.

Kim, E; Eom, H; Yeom, HY. (2012). Asymmetry-aware load balancing for parallel applications in single-ISA multi-core systems. 13: 413-427. http://dx.doi.org/10.1631/jzus.C1100198.

Kim, H, eeUn; Jang, J, aeHo; Song, W; Jung, BJ, un; Lee, J, unY; Hwang, D, oH. (2015). Improved luminance and external quantum efficiency of red and white organic light-emitting diodes with iridium(III) complexes with phenyl-substituted 2-phenylpyridine as a second cyclometalated ligand. 3: 12107-12115. http://dx.doi.org/10.1039/c5tc02728d.

Exposure Literature Search Results

Off Topic

Kim, H; Lee, J; Park, S; Jeong, J; Shin, D; Yi, Y; Kwon, JD, ae; Park, J, inS. (2015). Versatile hole injection of VO2: Energy level alignment at N,N '-di(1-naphthyl)-N,N '-diphenyl-(1,1 '-biphenyl)-4,4 '-diamine/VO2/fluorine-doped tin oxide. Organic Electronics 16: 133-138. http://dx.doi.org/10.1016/j.orgel.2014.10.044.

Kim, HY; Chung, YH; Jeong, JH; Lee, YM; Sur, GS; Kang, JK. (1999). Acute and repeated inhalation toxicity of 1-bromopropane in SD rats. J Occup Health 41: 121-128. http://dx.doi.org/10.1539/Joh.41.121.

Kim, J, ooHan; Jeon, YM, in; Lee, HS; Kim, JW, oo; Lee, CW, on; Jang, J, iG; Chang, H, oJ; Lee, J, unY; Gong, MS. (2008). New asymmetric monostyrylamine dopants for blue light-emitting organic electroluminescence device. Synthetic Metals 158: 369-374. http://dx.doi.org/10.1016/j.synthmet.2008.02.011.

Kim, J, iY; Kim, N, amHo; Kim, J, inW; Kang, J, inS; Yoon, J, uAn; Yoo, SI, l; Kim, W, ooY; Cheah, K, okWai. (2014). Enhancement of external quantum efficiency and reduction of roll-off in blue phosphorescent organic light emitt diodes using TCTA inter-layer. Optical Materials 37: 120-124. http://dx.doi.org/10.1016/j.optmat2014.05.010.

Kim, J, inW; Kim, N, amHo; Yoon, J, uAn; Yoo, SI, l; Kang, J, inS; Cheah, K, okWai; Zhu, F, uR; Kim, W, ooY. (2015). Study of triplet exciton's energy transfer in white phosphorescent organic light-emitting diodes with multi-doped single emissive layer. Optical Materials 40: 57-62. http://dx.doi.org/10.1016/j.optmat.2014.11.046.

Kim, J, inY; Kim, W, ooH; Kim, D, oH; Choi, KC. (2014). Investigation of voltage reduction in nanostructure-embedded organic light-emitting diodes. Organic Electronics 15: 260-265. http://dx.doi.org/10.1016/j.orgel.2013.11.019.

Kim, J, ooH; Lee, Y, ouJ; Jang, YS; Jang, J, inN; Kim, D, ooH; Song, BC; Lee, DH; Kwon, SN, am; Hong, M. (2011). The effect of Ar plasma bombardment upon physical property of tungsten oxide thin film in inverted top-emitting organic light-emitting diodes. Organic Electronics 12: 285-290. http://dx.doi.org/10.1016/j.orgel.2010.10.023.

Kim, J, iH; Seo, J; Kwon, D, aeG; Hong, JA, m; Hwang, J; Choi, HK, yw; Moon, J; Lee, JI, k; Jung, D, aeY; Choi, SY; Park, Y. (2014). Carrier injection efficiencies and energy level alignments of multilayer graphene anodes for organic light-emitting diodes with different hole injection layers. Carbon 79: 623-630. http://dx.doi.org/10.1016/j.carbon.2014.08.024.

Kim, J, aeK; Suh, KY. (2008). Room Temperature Detachment Nanolithography Using a Rigiflex Polymeric Mold. J Nanosci Nanotechnol 8: 3621-3625. http://dx.doi.org/10.1166/jnn.2008.162.

Kim, J, ooH; Yoon, D, oY; Kim, J, iW; Kim, JJ, oo. (2007). New host materials with high triplet energy level for blue-emitting electrophosphorescent device. Synthetic Metals 157: 743-750. http://dx.doi.org/10.1016/j.synthmet.2007.08.001.

Kim, JH; Nam, EJ; Hong, SY; Kim, BO; Kim, SM; Yoon, SS; Suh, JH; Ha, YY; Kim, YK. (2004). Study on electrical characteristics of organic electrophosphorescent devices based on new Ir complex. Mater Sci Eng C 24: 167-171. http://dx.doi.org/10.1016/j.msec.2003.09.005.

Kim, JK; Park, JW; Yang, H; Choi, M; Choi, JH; Suh, KY. (2006). Low-pressure detachment nanolithography. Nanotechnology 17: 940-946. http://dx.doi.org/10.1088/0957-4484/17/4/017.

Kim, K, yuS; Jeon, YM, in; Kim, JW, oo; Lee, CW, on; Gong, MS. (2008). Blue organic light-emitting devices using novel styrylarylene host and dopant materials. Dyes and Pigments 77: 238-244. http://dx.doi.org/10.1016/j.dyepig.2007.05.012.

Kim, K, iSoo; Jeong, S; Kim, C; Kwon, Y; Choi, BD, ae; Han, YS, oo. (2009). Synthesis and electro-optical properties of carbazole derivatives with high band gap energy. Thin Solid Films 518: 284-289. http://dx.doi.org/10.1016/j.tsf.2009.06.016.

Kim, KH; Jeon, YP; Choo, DC; Kim, TW. (2015). Luminance Mechanisms of White Organic Light-Emitting Devices Fabricated Utilizing a Charge Generation Layer with a Light-Emitting Function. J Nanosci Nanotechnol 15: 5220-5223. http://dx.doi.org/10.1166/jnn.2015.10367.

Kim, M, inJi; Lee, CW, on; Gong, MS. (2014). Deep blue organic light-emitting diode using non anthracene-type fused-ring spiro[benzotetraphene-fluorene] with aromatic wings. Organic Electronics 15: 2922-2931. http://dx.doi.org/10.1016/j.orgel.2014.08.030.

Kim, M, inSu; Nishikawa, H. (2015). Effects of bonding temperature on microstructure, fracture behavior and joint strength of Ag nanoporous bonding for high temperature die attach. Mater Sci Eng A 645: 264-272. http://dx.doi.org/10.1016/j.msea.2015.08.015.

Kim, MS; Jeong, CH; Lim, JT; Yeom, GY. (2008). White top-emitting organic light-emitting diodes using one-emissive layer of the DCJTB doped DPVBi layer. Thin Solid Films 516: 3590-3594. http://dx.doi.org/10.1016/j.tsf.2007.08.078.

Kim, MS; Lim, JT; Jeong, CH; Lee, JH; Yeom, GY. (2006). White organic light-emitting diodes from three emitter layers. Thin Solid Films 515: 891-895. http://dx.doi.org/10.1016/j.tsf.2006.07.051.

Kim, S; Choi, K. (2014). Occurrences, toxicities, and ecological risks of benzophenone-3, a common component of organic sunscreen products: a mini-review [Review]. Environ Int 70: 143-157. http://dx.doi.org/10.1016/j.envint.2014.05.015.

Kim, S; Choi, P; Kim, S; Park, H; Baek, D; Kim, S; Choi, B. (2016). Analysis of the Electrical Properties of an Electron Injection Layer in Alq(3)-Based Organic Light Emitting Diodes. J Nanosci Nanotechnol 16: 4742-4745. http://dx.doi.org/10.1166/jnn.2016.12203.

Kim, S; Jung, D; Kho, Y; Choi, K. (2014). Effects of benzophenone-3 exposure on endocrine disruption and reproduction of Japanese medaka (Oryzias latipes)-A two generation exposure study. Aquat Toxicol 155: 244-252. http://dx.doi.org/10.1016/j.aquatox.2014.07.004.

Kim, S; Kim, B; Lee, J; Yu, Y; Park, J. (2015). Highly Efficient White Organic Light Emitting Diodes Using New Blue Fluorescence Emitter. J Nanosci Nanotechnol 15: 5442-5445. http://dx.doi.org/10.1166/jnn.2015.10365.

Kim, S, ooK; Lee, J, iH; Park, JW. (2008). Phenyl-Naphthyl Amine Effect of New Phenothiazine Derivatives with High T(g) for Hole Injection and Hole Transporting Materials. J Nanosci Nanotechnol 8: 5247-5251. http://dx.doi.org/10.1166/jnn.2008.1015.

Kim, S; Lee, SH, o; Shin, H; Kay, KY, ol; Park, J. (2014). New Hole Transporting Materials Based on Hexaarylbenzene and Aromatic Amine Moiety for Organic Light-Emitting Diodes. J Nanosci Nanotechnol 14: 6382-6385. http://dx.doi.org/10.1166/jnn.2014.8291.

Kim, S, ooK; Park, YI, l; Kang, I, nNam; Park, JW. (2007). New deep-blue emitting materials based on fully substituted ethylene derivatives. J Mater Chem 17: 4670-4678. http://dx.doi.org/10.1039/b706606f.

Kim, S, ooK; Yang, B; Park, YI, l; Ma, Y; Lee, J, unY; Kim, HJ; Park, J. (2009). Synthesis and electroluminescent properties of highly efficient anthracene derivatives with bulky side groups. Organic Electronics 10: 822-833. http://dx.doi.org/10.1016/j.orgel.2009.04.003.

Exposure Literature Search Results

Off Topic

Kim, SH; Jang, J; Yook, KS, oo; Lee, J, unY. (2009). Role of mixed hole transport layer with exciton blocking properties in phosphorescent organic light-emitting diodes. Synthetic Metals 159: 568-570. http://dx.doi.org/10.1016/j.synthmet.2008.11.020.

Kim, SH; Shin, CM, in; Park, YI, l; Park, JW; Kim, SR; Chung, M, inC; Lee, J, iH. (2008). New Hole Transporting Materials Based on Di- and Tetra-Substituted Biphenyl Derivatives for Organic Light-Emitting Diodes. J Nanosci Nanotechnol 8: 5123-5129. http://dx.doi.org/10.1166/jnn.2008.1114.

Kim, SK; Lee, CJ; Kang, IN; Lee, JH; Park, JW. (2006). Synthesis and electroluminescent properties of new phenothiazyl derivatives. Thin Solid Films 509: 132-136. http://dx.doi.org/10.1016/j.tsf.2005.09.039.

Kim, W, onSam; You, JM, in; Lee, BJ; Jang, YK, i; Kim, DE, un; Kwon, YS, oo. (2006). Fabrication and characterization of organic light-emitting diodes using zinc complexes as hole-blocking layer. J Nanosci Nanotechnol 6: 3637-3641. http://dx.doi.org/10.1166/jnn.2006.072.

Kim, Y; Lee, JG; Han, KJ; Hwang, HK; Choi, DK; Jung, YY; Keum, JH; Kim, S; Park, SS; Im, WB. (2000). Hole-transporting polyimide for organic electroluminescent display. Thin Solid Films 363: 263-267.

Kim, Y, ouH; Lee, S, uH; Yoon, HS, oo; Choi, J, aeY; Shin, SS, ik; Chae, S, ooJoh; Seo, J, iH; Seo, J, iH; Kim, YK; Kim, W, ooY. (2008). High Efficient White Organic Light-Emitting Diodes Using BCzVBi as Blue Fluorescent Dopant. J Nanosci Nanotechnol 8: 4579-4583. http://dx.doi.org/10.1166/jnn.2008.IC67.

Kim, Y; Park, J; Moon, Y. (1999). Hematopoietic and reproductive toxicity of 2- bromopropane, a recently introduced substitute for chlorofluorocarbons. Toxicol Lett 108(2-3): 309-313. (Support not reported. Authors affiliated with. 108: 309-313.

Kim, YH, ak; Kwon, S; Lee, JH; Park, SM, i; Lee, YM, i; Kim, JW, on. (2011). Hole Injection Enhancement by a WO3 Inter layer in Inverted Organic Light-Emitting Diodes and Their Interfacial Electronic Structures. J Phys Chem C 115: 6599-6604. http://dx.doi.org/10.1021/jp111128k.

Kim, YK; Hwang, SH. (2006). Highly efficient organic light-emitting diodes using novel hole-transporting materials. Synthetic Metals 156: 1028-1035. http://dx.doi.org/10.1016/j.synthmet.2006.06.025.

Kim, YS; Yoon, JY; Lee, HW, oo; Kim, J; Lee, H, oWon; Lee, SE, un; Kim, YK; Yoon, SS, oo. (2015). Blue fluorescent materials based on bis(10-phenylanthracen-9-yl) derivatives containing heterocyclic moiety. Optical Materials 46: 247-253. http://dx.doi.org/10.1016/j.optmat.2015.04.027.

Ko, A; Kang, HS; Park, JH; Kwon, JE; Moon, GI; Hwang, MS; Hwang, IG. (2016). The Association Between Urinary Benzophenone Concentrations and Personal Care Product Use in Korean Adults. Arch Environ Contam Toxicol 70: 640-646. http://dx.doi.org/10.1007/s00244-015-0240-x.

Ko, CW; Tao, YT. (2002). 9,9-bis{4-[di-(p-biphenyl)aminophenyl]fluorene: a high T-g and efficient hole-transporting material for electrolumine scent devices. Synthetic Metals 126: 37-41.

Ko, CW; Tao, YT; Danel, A; Krzeminska, L; Tomasik, P. (2001). Organic light-emitting diodes based on 2 (Stilben-4-yl)benzoxazole derivatives: An implication on the emission mechanism. Chem Mater 13: 2441-2446. http://dx.doi.org/10.1021/cm010199u.

Ko, CW; Tao, YT; Lin, JT; Thomas, KRJ. (2002). Light-emitting diodes based on a carbazole-derivatized dopant: Origin of dopant excitation as a function of the device structure. Chem Mater 14: 357-361. http://dx.doi.org/10.1021/cm0106365.

Kolman, A; Spivak, I; Näslund, M; Dusinská, M; Cedervall, B. (1997). Propylene oxide and epichlorohydrin induce DNA strand breaks in human diploid fibroblasts. Environ Mol Mutagen 30: 40-46.

Kominami, H; Oki, K; Kohno, M; Onoue, S; Kera, Y; Ohtani, B. (2001). Novel solvothermal synthesis of niobium(v) oxide powders and their photocatalytic activity in aqueous suspensions. J Mater Chem 11: 604-609.

Kovac, J; Wong, TC; Fung, MK; Liu, MW; Kremnican, V; Bello, I; Lee, ST. (2001). Transient electroluminescence of single and multilayer organic light emitting devices. Mater Sci Eng B 85: 172-176.

Kreger, K; Jandke, M; Strohriegl, P. (2001). Novel starshaped molecules based on fluorene. Synthetic Metals 119: 163-164.

Kristensen, NB; Pierzynowski, SG; Danfaer, A. (2000). Portal-drained visceral metabolism of 3-hydroxybutyrate in sheep. J Anim Sci 78: 2223-2228.

Kristoff, G; Chiny Barrionuevo, D; Cacciatore, LC; Verrengia Guerrero, NR; Cochon, AC. (2012). In vivo studies on inhibition and recovery of B-esterase activities in Biomphalaria glabrata exposed to "azinphos-methyl: Analysis of enzyme, substrate and tissue dependence. Aquat Toxicol 112: 19-26. http://dx.doi.org/10.1016/j.aquatox.2012.01.016.

Kucharczyk, D; Kujawa, R; Luczynski, M; Glogowski, J; Babiak, I; Wyszomirska, E. (1997). Induced spawning in bream, Abramis brama (L), using carp and bream pituitary extract and hCG. Aquaculture Research 28: 139-144.

Kuku, TA. (1999). Ion transport studies on vacuum deposited PbSnI4 thin films. Thin Solid Films 340: 292-296.

Kuo, CH, ui; Peng, KC; Kuo, L, iC; Yang, KH, ui; Lee, JH, aw; Leung, M, ankit; Hsieh, K, uoH. (2006). High-performance hole-transport polyurethanes for light-emitting diodes applications. Chem Mater 18: 4121-4129. http://dx.doi.org/10.1021/cm060124w.

Kusch, J; Stremmel, M; Breiner, HW; Adams, V; Schweikert, M; Schmidt, HJ. (2000). The Toxic Symbiont Caedibacter caryophila in the Cytoplasm of Paramecium novaurelia. Microb Ecol 40: 330-335.

Kuschal, C; Thoms, KM; Schubert, S; Schäfer, A; Boeckmann, L; Schön, MP; Emmert, S. (2012). Skin cancer in organ transplant recipients: effects of immunosuppressive medications on DNA repair [Review]. Experimental Dermatology Online 21: 2-6. http://dx.doi.org/10.1111/j.1600-0625.2011.01413.x.

Kwok, HL; Xu, JB. (2002). A model for exciton formation in organic electroluminescent devices. Solid-State Electronics 46: 645-650.

Kwon, J, aeW; Lim, JT, ae; Yeom, GY. (2010). Light-emitting characteristics of organic light-emitting diodes with the MoOx-doped NPB and C-60/LiF layer. Thin Solid Films 518: 6339-6342. http://dx.doi.org/10.1016/j.tsf.2009.12.108.

Kwong, CY; Djurisic, AB; Choy, WCH; Li, D; Xie, MH; Chan, WK; Cheah, KW; Lai, PT; Chui, PC. (2005). Efficiency and stability of different tris(8-hydroxyquinoline) aluminium (Alq(3)) derivatives in OLED applications. Mater Sci Eng B 116: 75-81. http://dx.doi.org/10.1016/j.mseb.2004.09.024.

Lakhera, VJ; Gupta, A; Kumar, R. (2009). Investigation of coated tubes in cross-flow boiling. Int J Heat Mass Tran 52: 908-920. http://dx.doi.org/10.1016/j.ijheatmasstransfer.2008.06.044.

Exposure Literature Search Results

Off Topic

Le, QT; Avendano, FM; Forsythe, EW; Yan, L; Gao, YL; Tang, CW. (1999). X-ray photoelectron spectroscopy and atomic force microscopy investigation of stability mechanism of tris-(8-hydroxyquinoline) aluminum-based light-emitting devices. Journal of Vacuum Science and Technology A 17: 2314-2317.

Le, QT; Forsythe, EW; Nuesch, F; Rothberg, LJ; Yan, L; Gao, Y. (2000). Interface formation between NPB and processed indium tin oxide. Thin Solid Films 363: 42-46.

Lee, DH; Choi, J; Chae, H; Chung, CH, wa; Cho, SM. (2008). Single-layer organic-light-emitting devices fabricated by screen printing method. Korean J Chem Eng 25: 176-180.

Lee, DH; Xun, Z; Chae, H; Cho, SM. (2009). Effect of electron- and hole-transporting materials on the performance of FIrpic-doped PVK phosphorescent devices. Synthetic Metals 159: 1640-1643. http://dx.doi.org/10.1016/j.synthmet.2009.04.029.

Lee, DU; Yoon, YB; Baek, SH; Kim, TW; Seo, JH; Kim, YK. (2008). Enhancement of the efficiency and the color stabilization in green organic light-emitting devices with multiple heterostructures acting as a hole transport layer. Thin Solid Films 516: 3627-3632. http://dx.doi.org/10.1016/j.tsf.2007.08.075.

Lee, H; Lee, J; Jeong, K; Yi, Y; Lee, JH, an; Kim, JW, on; Cho, SW, an. (2012). Hole Injection Enhancements of a CoPc and CoPc:NPB Mixed Layer in Organic Light-Emitting Devices. J Phys Chem C 116: 13210-13216. http://dx.doi.org/10.1021/jp3029598.

Lee, H; Lee, J; Park, S; Yi, Y; Cho, SW, an; Kim, JW, on; Kang, SJ, un. (2014). Hole injection enhancement of a single-walled carbon nanotube anode using an organic charge-generation layer. Carbon 71: 268-275. http://dx.doi.org/10.1016/j.carbon.2014.01.039.

Lee, HW, oo; Jeong, S, uJin; Lee, H, oWon; Kim, YK; Yoon, SS, oo. (2016). Blue Electroluminescent Materials Based on Dibenzofuran-Containing Anthracene Derivatives for Organic Light-Emitting Diodes. J Nanosci Nanotechnol 16: 8460-8464. http://dx.doi.org/10.1166/jnn.2016.12486.

Lee, J; Kim, B; Park, J. (2016). Excimer Formation Promoted by Steric Hindrance in Dual Core Chromophore for Organic Light-Emitting Diodes Emitters. J Nanosci Nanotechnol 16: 8854-8857. http://dx.doi.org/10.1166/jnn.2016.12479.

Lee, J; Kim, B; Park, Y; Kim, S; Park, J. (2014). Fluorine effects in new indenofluorenedione derivatives for electron transporting layer in OLED devices. J Nanosci Nanotechnol 14: 6431-6434. http://dx.doi.org/10.1166/jnn.2014.8807.

Lee, J, aeH; Kim, HM, i; Kim, K, iBum; Kim, JJ, oo. (2011). Origin of charge generation efficiency of metal oxide p-dopants in organic semiconductors. Organic Electronics 12: 950-954. http://dx.doi.org/10.1016/j.orgel.2011.03.008.

Lee, J, aeH; Kim, M, inHoi. (2016). Thermal stability of devices with molybdenum oxide doped organic semiconductors. Organic Electronics 28: 172-177. http://dx.doi.org/10.1016/j.orgel.2015.10.034.

Lee, J, aeH; Leem, DS; Kim, JJ, oo. (2008). High performance top-emitting organic light-emitting diodes with copper iodide-doped hole injection layer. Organic Electronics 9: 805-808. http://dx.doi.org/10.1016/j.orgel.2008.05.011.

Lee, J; Shin, H; Park, J. (2016). Solution Processable White Organic Light-Emitting Diodes Using New Blue Host Material Including Substituent Group. J Nanosci Nanotechnol 16: 2101-2104. http://dx.doi.org/10.1166/jnn.2016.12026.

Lee, K, umHee; Kim, SO, ng; Yook, KS, oo; Jeon, SO, k; Lee, J, unY; Yoon, SS, oo. (2011). Highly efficient blue light-emitting diodes containing spirofluorene derivatives end-capped with triphenylamine/phenylcarbazole. Synthetic Metals 161: 2024-2030. http://dx.doi.org/10.1016/j.synthmet.2011.07.020.

Lee, K, umHee; Kim, SO, ng; You, J, aeNam; Kang, S; Lee, J, inY; Yook, KS, oo; Jeon, SO, k; Lee, J, unY; Yoon, SS, oo. (2012). tert-Butylated spirofluorene derivatives with arylamine groups for highly efficient blue organic light emitting diodes. J Mater Chem 22: 5145-5154. http://dx.doi.org/10.1039/c2jm14869b.

Lee, K, umHee; Kim, YK; Yoon, SS, oo. (2012). Trimethylsilane-Containing Donor-Acceptor-Donor Type Material for Red Fluorescent Organic Light-Emitting Diodes. J Nanosci Nanotechnol 12: 4203-4206. http://dx.doi.org/10.1166/jnn.2012.5925.

Lee, K, umHee; Kwon, YS, oo; Kang, L, eeK; Kim, G, uY; Seo, J, iH; Kim, YK; Yoon, SS, oo. (2009). Blue organic light-emitting materials based on diphenylaminofluorene and N-phenylcarbazole derivatives. Synthetic Metals 159: 2603-2608. http://dx.doi.org/10.1016/j.synthmet.2009.09.018.

Lee, K, umHee; Park, JK; Kim, G, uY; Seo, J, iH; Kim, YK; Yoon, SS, oo. (2010). Highly Efficient Blue Fluorescent Materials Based on Fluorene Derivatives End-Capped with Arylaminofluorenylethylenes for Organic Light-Emitting Diodes. J Nanosci Nanotechnol 10: 3289-3293. http://dx.doi.org/10.1166/jnn.2010.2238.

Lee, K, umHee; You, J, aeNam; Kang, S; Lee, J, unY; Kwon, HJ, oo; Kim, YK; Yoon, SS, oo. (2010). Synthesis and electroluminescent properties of blue-emitting t-butylated bis(diarylaminoaryl)anthracenes for OLEDs. Thin Solid Films 518: 6253-6258. http://dx.doi.org/10.1016/j.tsf.2010.03.144.

Lee, M; Park, J; Lee, H; Sohn, SH, an; Lee, J. (2015). Complete chloroplast genomic sequence of Citrus platymamma determined by combined analysis of Sanger and NGS data. Horticulture, Environment and Biotechnology 56: 704-711. http://dx.doi.org/10.1007/s13580-015-0061-x.

Lee, S; Kim, B; Jung, H; Shin, H; Lee, H; Lee, J; Park, J. (2017). Synthesis and electroluminescence properties of new blue dual-core OLED emitters using bulky side chromophores. Dyes and Pigments 136: 255-261. http://dx.doi.org/10.1016/j.dyepig.2016.08.010.

Lee, S; Lyu, Y, iY; Lee, S, ooH. (2006). The use of cross-linkable interlayers to improve device performances in blue polymer light-emitting diodes. Synthetic Metals 156: 1004-1009. http://dx.doi.org/10.1016/j.synthmet.2006.06.011.

Lee, SB, ee; Park, S, ooNa; Kim, C; Lee, HW, oo; Lee, H, oWon; Kim, YK; Yoon, SS, oo. (2015). Synthesis and electroluminescent properties of 9,10-diphenylanthracene containing 9H-carbazole derivatives for blue organic light-emitting diodes. Synthetic Metals 203: 174-179. http://dx.doi.org/10.1016/j.synthmet.2015.02.037.

Lee, SH; Kim, SH; Kwak, J. (2013). Enhanced lifetime of organic light-emitting diodes using an anthracene derivative with high glass transition temperature. J Nanosci Nanotechnol 13: 4216-4222. http://dx.doi.org/10.1166/jnn.2013.7151.

Lee, SK; Kang, MJ; Jeon, TW; Ha, HW; Yoo, JW; Ko, GS; Kang, W; Jeong, HG; Lyoo, WS; Jeong, TC. (2010). Role of metabolism in 1-bromopropane-induced hepatotoxicity in mice. J Toxicol Environ Health A 73: 1431-1440. http://dx.doi.org/10.1080/15287394.2010.511546.

Exposure Literature Search Results

Off Topic

Lee, SK, yu; Lee, DJ, u; Jeong, H; Bista, SR; Kang, M, iJ; Lee, ES; Son, JK; Nam, D, ooH; Chang, HW; Lee, SH, o; Jahng, Y; Jeong, T, aeC. (2007). Hepatotoxic and immunotoxic effects produced by 1,3-dibromopropane and its conjugation with glutathione in female BALB/c mice. J Toxicol Environ Health A 70: 1381-1390. http://dx.doi.org/10.1080/15287390701434489.

Lee, SL; Thomas, P; Fenech, M. (2014). Extracellular amyloid beta 42 causes necrosis, inhibition of nuclear division, and mitotic disruption under both folate deficient and folate replete conditions as measured by the cytokinesis-block micronucleus cytome assay. Environ Mol Mutagen 55: 1-14. http://dx.doi.org/10.1002/em.21811.

Lee, SL; Thomas, P; Hecker, J; Faunt, J; Fenech, M. (2015). Chromosomal DNA damage measured using the cytokinesis-block micronucleus cytome assay is significantly associated with cognitive impairment in South Australians. Environ Mol Mutagen 56: 32-40. http://dx.doi.org/10.1002/em.21890.

Lee, SN, am; Lee, SJ, ae; Kim, YK; Shin, DM. (2014). Fabrication and Electroluminescence Properties of White Organic Light-Emitting Diode with a New Yellow Fluorescent Dopant. J Nanosci Nanotechnol 14: 6185-6188. http://dx.doi.org/10.1166/jnn.2014.8815.

Lee, Y; Kim, J; Kwon, S; Min, CK, i; Yi, Y; Kim, JW; Koo, B; Hong, M. (2008). Interface studies of Aluminum, 8-hydroxyquinolatolithium (Liq) and Alq(3) for inverted OLED application. Organic Electronics 9: 407-412. http://dx.doi.org/10.1016/j.orgel.2008.01.001.

Lee, YH; Kim, WJ; Kim, TY; Jung, J; Lee, JY; Park, HD; Kim, TW; Hong, JW. (2007). Electrical characteristics and efficiency of organic light-emitting diodes depending on hole-injection layer. Curr Appl Phys 7: 409-412. http://dx.doi.org/10.1016/j.cap.2006.09.021.

Lee, YJ, oo; Lee, H; Byun, Y; Song, S; Kim, J, eEun; Eom, D; Cha, W; Park, SS, ik; Kim, J; Kim, H. (2007). Study of thermal degradation of organic light emitting device structures by X-ray scattering. Thin Solid Films 515: 5674-5677. http://dx.doi.org/10.1016/j.tsf.2006.12.018.

Lee, YM, i; Kim, S, ooK; Lee, CJ, un; Lee, J, iH; Park, JW. (2008). Synthesis and Hole-Transporting Properties of Various Bicarbazyl Derivatives. J Nanosci Nanotechnol 8: 4797-4802. http://dx.doi.org/10.1166/jnn.2008.IC74.

Legnani, C; Louro, SR, SR; Quirino, WG; Tabak, M; Cremona, M. (2006). Organic light emitting diodes based on dipyridamole drug. Thin Solid Films 515: 902-906. http://dx.doi.org/10.1016/j.tsf.2006.07.059.

Lei, GT; Wang, LD; Duan, L; Wang, JH; Qiu, Y. (2004). Highly efficient blue electrophosphorescent devices with a novel host material. Synthetic Metals 144: 249-252. http://dx.doi.org/10.1016/j.synthmet.2004.03.010.

Lenartova, V; Holovska, K; Martinezlara, E; Lopezbarea, J; Barcena, JA; Rosival, I. (1996). Changes in GST-isoenzyme pattern of some organs of sheep exposed to different levels of pollution. Comp Biochem Physiol C Comp Pharmacol Toxicol 114: 153-158.

Li, B; Chen, J; Zhao, Y; Yang, D; Ma, D. (2011). Effects of carrier trapping and scattering on hole transport properties of N,N '-diphenyl-N,N '-bis(1-naphthyl)-1,1 '-biphenyl-4,4 '-diamine thin films. Organic Electronics 12: 974-979. http://dx.doi.org/10.1016/j.orgel.2011.03.026.

Li, C; Shih, HH; Jiang, X; Sun, P; Pan, Y, i; Cheng, CH. (2009). Synthesis, characterization, and electroluminescent properties of iridium complex containing 4-phenybenzoquinoline ligand. Synthetic Metals 159: 2070-2074. http://dx.doi.org/10.1016/j.synthmet.2009.07.028.

Li, CN; Djurisic, AB; Kwong, CY; Lai, PT; Chan, WK; Liu, SY. (2005). Indium tin oxide surface treatments for improvement of organic light-emitting diode performance. Applied Physics A: Materials Science and Processing 80: 301-307. http://dx.doi.org/10.1007/s00339-003-2146-0.

Li, CN; Kwong, CY; Djurišić, AB; Lai, PT; Chui, PC; Chan, WK; Liu, SY. (2005). Improved performance of OLEDs with ITO surface treatments. Thin Solid Films 477: 57-62. http://dx.doi.org/10.1016/j.tsf.2004.08.111.

Li, D; de Supinski, BR; Schulz, M; Nikolopoulos, DS; Cameron, KW. (2013). Strategies for Energy-Efficient Resource Management of Hybrid Programming Models. I E E E Transactions on Parallel and Distributed Systems 24: 144-157. http://dx.doi.org/10.1109/TPDS.2012.95.

Li, D; Dong, G; Duan, L; Wang, L; Qiu, Y. (2012). New Method of Mobility Measurement for Organic Semiconductors by Optoelectronic Coupling. J Phys Chem C 116: 5236-5240. http://dx.doi.org/10.1021/jp211858y.

Li, D; Wang, Y; Chen, L; Cao, Y. (2013). Displacement prediction of Bazimen landslide with step-like deformation in the Three Gorges Reservoir. Disaster Advances 6: 185-191.

Li, F; Feng, J; Cheng, G; Liu, SY. (2002). Electron injection and electroluminescence investigation of organic light-emitting devices based on a Sn/Al cathode. Synthetic Metals 126: 347-350.

Li, F; Feng, J; Liu, SY. (2003). Degradation of organic light-emitting devices under different driving model. Synthetic Metals 137: 1103-1104. http://dx.doi.org/10.1016/S0379-6779(02)01099-8.

Li, F; Lin, JL; Feng, J; Chen, G; Liu, HY; Liu, SY; Zhang, LG; Zhang, XF; Lee, ST. (2003). Electrical and optical characteristics of red organic light-emitting diodes doped with two guest dyes. Synthetic Metals 139: 341-346. http://dx.doi.org/10.1016/S0379-6779(03)00184-X.

Li, GF; Zhang, Q; Yu, F; Liu, C; Wu, HR. (2008). Organic light-emitting device with surface-modified tungsten-doped indium oxide anode. Electronics Letters 44: 818-819. http://dx.doi.org/10.1049/e1:20081318.

Li, H; Duan, L; Zhang, D; Qiu, Y. (2014). Influence of Molecular Packing on Intramolecular Reorganization Energy: A Case Study of Small Molecules. J Phys Chem C 118: 14848-14852. http://dx.doi.org/10.1021/jp504979x.

Li, H; Qiu, Y; Duan, L. (2016). Multi-scale calculation of the electric properties of organic-based devices from the molecular structure. Organic Electronics 33: 164-171. http://dx.doi.org/10.1016/j.orgel.2016.03.016.

Li, HY, an; Zhou, Z; Ryan, JG; Wei, GJ; Xu, Y, iG. (2016). Boron isotopes reveal multiple metasomatic events in the mantle beneath the eastern North China Craton. Geochim Cosmo Act 194: 77-90. http://dx.doi.org/10.1016/j.gca.2016.08.027.

Li, J; Chen, P; Duan, Y, u; Zhao, F; Li, C; Xie, W; Liu, S; Zhang, L; Li, B, in. (2007). Highly efficient and high colour rendering index white organic light-emitting devices using bis(2-(2-fluorphenyl)-1,3-benzothiozolato-N,C-2 ') iridium (acetylacetonate) as yellow emitter. Semiconductor Science and Technology 22: 798-801. http://dx.doi.org/10.1088/0268-1242/22/7/021.

Li, J, iC; Lee, S, ooH; Hahn, YB; Kim, K, iJu; Zong, K; Lee, YS, ik. (2008). Synthesis and characterization of triphenylamine-3-hexylthiophene oligomer hybrids: A triphenylamine core carrying three terthiophene branches and triphenylamine end-capped quaterthiophene. Synthetic Metals 158: 150-156. http://dx.doi.org/10.1016/j.synthmet.2008.01.002.

Li, J; Marks, TJ. (2008). Air-stable, cross-linkable, hole-injecting/transporting interlayers for improved charge injection in organic light-emitting diodes. Chem Mater 20: 4873-4882. http://dx.doi.org/10.1021/cm703689j.

Exposure Literature Search Results

Off Topic

Li, J, ie; Zheng, Y; Zheng, D; Yu, J. (2016). Effect of organic small-molecule hole injection materials on the performance of inverted organic solar cells. 6. http://dx.doi.org/10.1117/1.JPE.6.035502.

Li, JY; Hong, ZR; Wang, PF; Lee, CS; Wong, NB; Kwong, HL; Lee, ST. (2004). Enhancement of green electroluminescence from 2,5-di-p-anisyl-isobenzofuran by double-layer doping strategy. Thin Solid Films 446: 111-116. http://dx.doi.org/10.1016/S0040-6090(03)01241-0.

Li, JY; Liu, D; Li, YQ; Lee, CS; Kwong, HL; Lee, ST. (2005). A high Tg carbazole-based hole-transporting material for organic light-emitting devices. Chem Mater 17: 1208-1212. http://dx.doi.org/10.1021/cm034731k.

Li, JY; Ma, CW; Tang, JX; Lee, CS; Lee, ST. (2005). Novel starburst molecule as a hole injecting and transporting material for organic light-emitting devices. Chem Mater 17: 615-619. http://dx.doi.org/10.1021/cm048337d.

Li, L; Guan, M, in; Cao, G; Li, Y; Zeng, Y. (2010). Highly efficient and stable organic light-emitting diodes employing MoO3-doped perylene-3, 4, 9, 10-tetracarboxylic dianhydride as hole injection layer. Applied Physics A: Materials Science and Processing 99: 251-254. http://dx.doi.org/10.1007/s00339-009-5511-9.

Li, L; Guan, M, in; Cao, G; Li, Y; Zeng, Y. (2012). Low operating-voltage and high power-efficiency OLED employing MoO3-doped CuPc as hole injection layer. Displays 33: 17-20. http://dx.doi.org/10.1016/j.displa.2011.10.002.

Li, L, in; Liu, X; Lyu, L, u; Wu, R; Liu, P; Zhang, Y; Zhao, Y; Wang, H; Niu, D; Yang, J; Gao, Y. (2016). Modification of Ultrathin NPB Interlayer on the Electronic Structures of the CH3NH3PbI3/NPB/MoO3 Interface. J Phys Chem C 120: 17863-17871. http://dx.doi.org/10.1021/acs.jpcc.6b02942.

Li, M; Li, W; Su, W; Zang, F; Chu, B, ei; Xin, Q, i; Bi, D; Li, B, in; Yu, T. (2008). High efficiency and color saturated blue electroluminescence by using 4,4 '-bis[N-(1-naphthyl)-N-phenylamino]biphenyl as the thinner host and hole-transporter. Solid-State Electronics 52: 121-125. http://dx.doi.org/10.1016/j.sse.2007.07.030.

Li, MT; Li, WL; Niu, JH; Chu, B; Li, B; Sun, XY; Zhang, ZQ; Hu, ZZ. (2005). Efficient white organic light-emitting device based on a thin layer of hole-transporting host with rubrene dopant. Solid-State Electronics 49: 1956-1960. http://dx.doi.org/10.1016/j.sse.2005.08.011.

Li, N, a; Lai, SL, un; Liu, W; Wang, P; You, J; Lee, CS; Liu, Z. (2011). Synthesis and properties of n-type triphenylpyridine derivatives and applications in deep-blue organic light-emitting devices as electron-transporting layer. J Mater Chem 21: 12977-12985. http://dx.doi.org/10.1039/c1jm11898f.

Li, R, ui; Feng, C; Chen, N, an; Zhang, B; Hao, C; Peng, T; Zhu, X, u. (2014). A bench-scale denitrification wall for simulating the in-situ treatment of nitrate-contaminated groundwater. Ecol Eng 73: 536-544. http://dx.doi.org/10.1016/j.ecoleng.2014.09.089.

Li, SF; Zhong, G; Zhu, WH; Li, FY; Pan, JF; Huang, W; Tian, H. (2005). Dendritic europium complex as a single dopant for white-light electroluminescent devices. J Mater Chem 15: 3221-3228. http://dx.doi.org/10.1039/b504738b.

Li, T; Li, W; Li, X; Han, L; Chu, B, ei; Li, M; Hu, Z; Zhang, Z. (2009). Red electroluminescent devices based on rubrene derivative in 4,4 '-N,N '-dicarubreneazole-biphenyl host and its application in white light emitting device for lighting purpose. Solid-State Electronics 53: 120-123. http://dx.doi.org/10.1016/j.sse.2008.11.008.

Li, T; Li, X; Li, W; Chu, B, ei; Su, Z; Han, L; Hu, Z; Zhang, Z. (2009). Tunable red emission by incorporation of a rubrene derivative in p-type and n-type hosts in organic light emitting devices. Thin Solid Films 517: 4629-4632. http://dx.doi.org/10.1016/j.tsf.2009.03.106.

Li, T; You, J; Wen, J; Liang, Z. (2005). An efficient reconstruction method for nonuniform attenuation compensation in nonparallel beam geometries based on Novikov's explicit inversion formula. IEEE Trans Med Imaging 24: 1357-1368. http://dx.doi.org/10.1109/TMI.2005.857026.

Li, W; Shibata, E; Zhou, Z; Ichihara, S; Wang, H; Wang, Q; Li, J; Zhang, L; Wakai, K; Takeuchi, Y; Ding, X; Ichihara, G. (2010). Dose-dependent neurologic abnormalities in workers exposed to 1-bromopropane. J Occup Environ Med 52: 769-777. http://dx.doi.org/10.1097/JOM.0b013e3181eaded7.

Li, W; Xia, Y; Ti, C; Yan, X. (2011). Evaluation of biological and chemical nitrogen indices for predicting nitrogen-supplying capacity of paddy soils in the Taihu Lake region, China. Biol Fertil Soils 47: 669-678. http://dx.doi.org/10.1007/s00374-011-0577-x.

Li, W; Yu, J; Wang, T, ao; Jiang, Y; Wei, B. (2008). Electroluminescence of organic light-emitting diodes with an ultra-thin layer of dopant. Mater Sci Eng B 149: 77-81. http://dx.doi.org/10.1016/j.mseb.2007.11.027.

Li, WL; Gao, ZQ; Hong, ZY; Lee, CS; Lee, ST. (2000). Blue electroluminescent devices made from a naphthyl-substituted benzidine derivative and rare earth metal chelates. Synthetic Metals 111: 53-56.

Li, WX; Hagen, J; Jones, R; Heikenfeld, J; Steckl, AJ. (2007). Color tunable organic light emitting diodes using Eu complex doping. Solid-State Electronics 51: 500-504. http://dx.doi.org/10.1016/j.sse.2007.01.033.

Li, X; Deng, Z; Chen, Z; Shi, Y; Xu, D. (2008). Multilayer cathode for organic light-emitting devices. Displays 29: 323-326. http://dx.doi.org/10.1016/j.displa.2007.09.015.

Li, X; Jiang, J; Gu, L; Ali, SW; He, J; Li, S. (2008). Diversity of chlorpyrifos-degrading bacteria isolated from chlorpyrifos-contaminated samples. Int Biodeterior Biodegradation 62: 331-335. http://dx.doi.org/10.1016/j.ibiod.2008.03.001.

Li, X; Wu, S; Zhang, D; Su, Z; Lei, P; Zhang, Z; Hu, Z; Li, W. (2010). Synthesis, photophysical and electrophosphorescent properties of a novel fluorinated rhenium(I) complex. Synthetic Metals 160: 390-393. http://dx.doi.org/10.1016/j.synthmet.2009.11.012.

Li, X; Zhang, D; Li, W; Chu, B, ei; Han, L; Li, T; Su, Z; Zhu, J; Chen, Y; Hu, Z; Lei, P; Zhang, Z. (2009). Efficient electroluminescence based on a novel binuclear rhenium complex. Optical Materials 31: 1173-1176. http://dx.doi.org/10.1016/j.optmat.2008.12.014.

Li, X; Zhang, D; Li, W; Chu, B, ei; Han, L; Li, T; Su, Z; Zhu, J; Wu, S; Chen, Y; Lei, P; Hu, Z; Zhang, Z. (2009). New rhenium complexes containing 4,5-diazafluorene ligand for high-efficiency green electrophosphorescence. Synthetic Metals 159: 1340-1344. http://dx.doi.org/10.1016/j.synthmet.2009.03.004.

Li, Y; Shang, X; Zhou, L; Jiang, Y; Cui, R; Zhao, X. (2016). Influence of doping concentration on the dominant injection and transport mechanisms of electrons within Alq(3) doped NPB films. Thin Solid Films 616: 160-163. http://dx.doi.org/10.1016/j.tsf.2016.08.017.

Exposure Literature Search Results

Off Topic

Li, Y; Wen, C; Weng, Y. (2013). Fine mapping of the pleiotropic locus B for black spine and orange mature fruit color in cucumber identifies a 50 kb region containing a R2R3-MYB transcription factor. Theor Appl Genet 126: 2187-2196. http://dx.doi.org/10.1007/s00122-013-2128-3.

Li, Y; Xu, X; Wang, C; Wang, C; Xie, F; Yang, J; Gao, Y. (2015). Investigation on thermal evaporated CH3NH3PbI3 thin films. 5. http://dx.doi.org/10.1063/1.4930545.

Li, YX; Chen, BH; Meng, WJ; Li, CY; Wang, WX; Cao, G. (2003). Effect of pore structure and acidic property of MCM-22 zeolite on product distribution of benzene alkylation with propylene. Chinese journal of catalysis 24: 494-498.

Li, Z; Wu, Z; Fu, W, en; Wang, D; Liu, P; Jiao, B, o; Lei, X; Zhou, G; Hao, Y. (2013). Stable amorphous bis(diarylamino)biphenyl derivatives as hole-transporting materials in OLEDs. Electronic Materials Letters 9: 655-661. http://dx.doi.org/10.1007/s13391-013-2195-2.

Li, Z; Yu, J; Zhou, L; Zhang, H; Deng, R; Guo, Z. (2008). 1.54 mu m near-infrared photoluminescent and electroluminescent properties of a new Erbium (111) organic complex. Organic Electronics 9: 487-494. http://dx.doi.org/10.1016/j.orgel.2008.02.010.

Liang, CJ; Hong, ZR; Liu, XY; Zhao, DX; Zhao, D; Li, WL; Peng, JB; Yu, JQ; Lee, CS; Lee, ST. (2000). Organic electroluminescent devices using europium complex as an electron-transport emitting layer. Thin Solid Films 359: 14-16.

Liang, FS; Chen, JS; Cheng, YX; Wang, LX; Ma, DG; Jing, XB; Wang, FS. (2003). Synthesis, characterization, photoluminescent and electroluminescent properties of new conjugated 2,2 '-(arylenedivinylene)bis-8-substituted quinolines. J Mater Chem 13: 1392-1399. http://dx.doi.org/10.1039/b210408c.

Liang, FS; Chen, JS; Wang, LX; Ma, DG; Jing, XB; Wang, FS. (2003). A hydroxyphenyloxadiazole lithium complex as a highly efficient blue emitter and interface material in organic light-emitting diodes. J Mater Chem 13: 2922-2926. http://dx.doi.org/10.1039/b307209f.

Liang, FS; Cheng, YX; Su, GP; Ma, DG; Wang, LX; Jing, XB; Wang, FS. (2003). White organic electroluminescence based on a new boron complex. Synthetic Metals 137: 1109-1110. http://dx.doi.org/10.1016/S0379-6779(02)01101-3.

Lim, JT; Jeong, CH; Vozny, A; Lee, JH; Kim, MS; Yeom, GY. (2007). Top-emitting organic light-emitting diode using transparent conducting indium oxide layer fabricated by a two-step ion beam-assisted deposition. Surf Coating Tech 201: 5358-5362. http://dx.doi.org/10.1016/j.surfcoat.2006.07.036.

Lim, JT, ae; Kim, KN, am; Yeom, GY. (2009). Device Characteristics of Organic Light-Emitting Diodes Based on Electronic Structure of the Ba-Doped Alq(3) Layer. J Nanosci Nanotechnol 9: 7485-7490. http://dx.doi.org/10.1166/jnn.2009.1774.

Lim, JT, ae; Kwon, J, aeW; Yeom, GY. (2011). Enhanced Driving Performance of Organic Light-Emitting Diodes with All Carrier Ohmic-Contacts. J Electrochem Soc 158: J10-J14. http://dx.doi.org/10.1149/1.3519846.

Lim, JT; Kwon, JW; Park, JB; Yeom, GY. (2011). Chemical and electronic properties of Ba/bis(2-methyl-8-quinolinolato)(4-phenylphenolato)aluminum(III) interfaces for organic light-emitting diodes. J Nanosci Nanotechnol 11: 851-855. http://dx.doi.org/10.1166/jnn.2011.3235.

Lim, JT; Lee, JH; Park, JK; Park, BJ; Yeom, GY. (2008). Top-emitting organic light-emitting diodes based on semitransparent conducting cathode of Ba/Al/ITO. Surf Coating Tech 202: 5646-5649. http://dx.doi.org/10.1016/j.surfcoat.2008.06.036.

Lim, JT, ae; Park, J, inWoo; Kwon, J, aeW; Yeom, GY; Lhm, K; Lee, KJ, ae. (2013). Optoelectronic Characteristics of Organic Light-Emitting Diodes with a Rb2CO3-Mixed C-60 Layer as an Electron Ohmic-Contact. J Electrochem Soc 160: G1-G5. http://dx.doi.org/10.1149/2.038301jes.

Lin, C, hiF; Liu, SW, ei; Lee, CC; Sakurai, T; Kubota, M; Su, W, eiC; Huang, J, iaC; Chiu, TL; Han, HC; Chen, L, iC; Chen, CT, i; Lee, JH, aw. (2015). A new anodic buffer layer material for non-mixed planar heterojunction chloroboron subphthalocyanine organic photovoltaic achieving 96% internal quantum efficiency. Solar Energy Materials and Solar Cells 137: 138-145. http://dx.doi.org/10.1016/j.solmat.2015.01.011.

Lin, H, ui; Yu, J; Lou, S; Wang, J, un; Jiang, Y. (2008). Low temperature DC sputtering deposition on indium-tin oxide film and its application to inverted top-emitting organic light-emitting diodes. Journal of Materials Science & Technology 24: 179-182.

Lin, H, ui; Yu, J; Wang, N; Lou, S; Jiang, Y. (2009). Fabrication and Properties of DC Magnetron Sputtered Indium Tin Oxide on Flexible Plastic Substrate. Journal of Materials Science & Technology 25: 119-122.

Lin, JS; Lin, SH; Chen, NP, o; Ko, CH, ao; Tsai, ZS; Juang, F, uhS; Chen, CM; Liu, LC. (2010). Manufacture of brightness enhancement films (BEFs) by ultraviolet (UV) irradiation and their applications for organic light emitting diodes (OLEDs). Synthetic Metals 160: 1493-1500. http://dx.doi.org/10.1016/j.synthmet.2010.05.009.

Lin, Z; Wen, Y, uhS; Chow, TJ. (2009). White light-emitting devices with a single emitting layer based on bisindolylmaleimide fluorophores. J Mater Chem 19: 5141-5148. http://dx.doi.org/10.1039/b901627a.

Liu, D; Zhen, CG; Wang, XS; Zou, DC; Zhang, BW; Cao, Y. (2004). Enhancement in brightness and efficiency of organic electroluminescent device using novel N,N-di(9-ethylcarbaz-3-yl)-3-methylaniline as hole injecting and transporting material. Synthetic Metals 146: 85-89. http://dx.doi.org/10.1016/j.synthmet.2004.06.022.

Liu, H; Sun, P; Liu, H; Yang, S; Wang, L; Wang, Z. (2015). Hepatic oxidative stress biomarker responses in freshwater fish Carassius auratus exposed to four benzophenone UV filters. Ecotoxicol Environ Saf 119: 116-122. http://dx.doi.org/10.1016/j.ecoenv.2015.05.017.

Liu, MW; Zhang, XH; Lai, WY; Lin, XQ; Wong, FL; Gao, ZQ; Lee, CS; Hung, LS; Lee, ST; Kwong, HL. (2001). A new series of blue emitting pyrazine derivatives for organic electroluminescence devices. 185: 203-211.

Liu, S; Liu, R, ui; Chen, Y; Ho, S; Kim, JH; So, F. (2014). Nickel Oxide Hole Injection/Transport Layers for Efficient Solution-Processed Organic Light-Emitting Diodes. Chem Mater 26: 4528-4534. http://dx.doi.org/10.1021/cm501898y.

Liu, TH; Iou, CY; Wen, SW; Chen, CH. (2003). 4-(Dicyanomethylene)-2-t-butyl-6-(1,1,7,7-tetramethyljulolidyl-9-enyl)-4H-pyran doped red emitters in organic light-emitting devices. Thin Solid Films 441: 223-227. http://dx.doi.org/10.1016/S0040-6090(03)00861-7.

Liu, WG; Zheng, MY; Polle, EA; Konzak, CF. (2002). Highly efficient doubled-haploid production in wheat (Triticum aestivum L.) via induced microspore embryogenesis. Crop Sci 42: 686-692.

Exposure Literature Search Results

Off Topic

Liu, Y; Wang, L; Zaidi, SA, liR; Elkashlan, M; Duong, TQ. (2016). Secure D2D Communication in Large-Scale Cognitive Cellular Networks: A Wireless Power Transfer Model. I E E E Transactions on Communications 64: 329-342. http://dx.doi.org/10.1109/TCOMM.2015.2498171.

Liu, Y, ouS; Ying, GG, uo; Shareef, A, li; Kookana, R, aiS. (2011). Photostability of the UV filter benzophenone-3 and its effect on the photodegradation of benzotriazole in water. Environ Chem 8: 581-588. http://dx.doi.org/10.1071/EN11068.

Liu, Z; Bian, Z; Ming, L; Ding, F; Shen, H; Nie, D; Huang, C. (2008). Green and blue-green phosphorescent heteroleptic iridium complexes containing carbazole-functionalized beta-diketonate for non-doped organic light-emitting diodes. Organic Electronics 9: 171-182. http://dx.doi.org/10.1016/j.orgel.2007.09.001.

Liu, Z; Guan, M, in; Bian, Z; Nie, D; Gong, Z; Li, Z; Huang, C. (2006). Red phosphorescent iridium complex containing carbazole-functionalized beta-diketonate for highly efficient nondoped organic light-emitting diodes. Adv Funct Mater 16: 1441-1448. http://dx.doi.org/10.1002/adfm.200600099.

Liu, Z; Pinto, J; Soares, J; Pereira, E. (2001). Efficient multilayer organic light emitting diode. Synthetic Metals 122: 177-179.

Lo, MF, ai; Ng, T, szWai; Mo, H, inWai; Lee, CS. (2013). Direct Threat of a UV-Ozone Treated Indium-Tin-Oxide Substrate to the Stabilities of Common Organic Semiconductors. Adv Funct Mater 23: 1718-1723. http://dx.doi.org/10.1002/adfm.201202120.

Long, L, i; Zhang, M; Xu, S; Zhou, X; Gao, X; Shang, Y; Wei, B, in. (2012). Cyclic arylamines functioning as advanced hole-transporting and emitting materials. Synthetic Metals 162: 448-452. http://dx.doi.org/10.1016/j.synthmet.2012.01.003.

Lorenzo, OG; Pena, TF; Cabaleiro, JC; Pichel, JC; Rivera, FF. (2014). 3DyRM: a dynamic roofline model including memory latency information. Journal of Supercomputing 70: 696-708. http://dx.doi.org/10.1007/s11227-014-1163-4.

Lu, AW; Chan, J; Rakic, AD; Ng, AM, anC; Djurisic, AB. (2006). Optimization of microcavity OLED by varying the thickness of multi-layered mirror. Optical and Quantum Electronics 38: 1091-1099. http://dx.doi.org/10.1007/s11082-006-9057-1.

Lu, HT; Tsou, CC; Yokoyama, M. (2005). Improvement of FWHM and luminance of blue organic light-emitting diodes with double hole-blocking structure. J Cryst Growth 277: 388-392. http://dx.doi.org/10.1016/j.jcrysgro.2004.12.182.

Lu, HW, ei; Huang, CW, en; Kao, P, oC; Chu, SY; Juang, YD, er. (2015). Effects of ITO Electrode Modification Using CsF Solution on Performance of Organic Light-Emitting Diodes. 4: R54-R59. http://dx.doi.org/10.1149/2.0221503jss.

Lu, HW, ei; Kao, P, oC; Chu, SY. (2016). The effects of UV-ozone treated ultra-thin Li2CO3-doped NiO film as the anode buffer layer on the electrical characteristics of organic light-emitting diodes. J Alloy Comp 682: 311-317. http://dx.doi.org/10.1016/j.jallcom.2016.04.271.

Lu, HW, ei; Tsai, CC, he; Hong, CS; Kao, P, oC; Juang, YD, er; Chu, SY. (2016). The The effects of ultra-thin cerium fluoride film as the anode buffer layer on the electrical characteristics of organic light emitting diodes. Appl Surf Sci 385: 139-144. http://dx.doi.org/10.1016/j.apsusc.2016.05.105.

Lu, L; Junsheng, Y; Qing, L; Shuangling, L; Yadong, J; Wei, L. (2008). Efficient blue organic light-emitting diodes with simple structure based on N, N '-bis (1-naphthyl)-N, N '-biphenyl-1, 1 '-biphenyl-4,4 '-diamine. 17: 111-114.

Lu, Z; Deng, Z; Hou, Y; Zhang, X; Xu, H. (2013). Enhanced properties of organic electroluminescent devices with cesium chloride ultra-thin layer. Displays 34: 69-74. http://dx.doi.org/10.1016/j.displa.2012.12.001.

Lu, Z; Hou, Y; Xiao, J; Xu, H. (2014). Effects of emissive layer architecture on recombination zone and Forster resonance energy transfer in organic light-emitting diodes. Displays 35: 247-251. http://dx.doi.org/10.1016/j.displa.2014.08.005.

Lu, Z; Hou, Y; Xiao, J; Xu, H. (2014). Emission spectra dependence on voltage and emissive layer layout in organic light-emitting diodes. Vacuum 109: 197-199. http://dx.doi.org/10.1016/j.vacuum.2014.07.026.

Lu, Z; Wei-hua, X; Zhi-yun, O; Chun-quan, Z. (2014). Determination of priority nature conservation areas and human disturbances in the Yangtze River Basin, China. J Nat Conservat 22: 326-336. http://dx.doi.org/10.1016/j.jnc.2014.02.007.

Lucia, A; Finger, EJ. (2004). Co-solvent selection and recovery. Adv Environ Res 8: 197-211. http://dx.doi.org/10.1016/S1093-0191(02)00132-6.

Lue, Z; Deng, Z; Chen, Z; Yin, Y; Xu, D; Xiao, J; Wang, Y. (2011). The effect of various electrodes on the properties of electroluminescent devices with potassium chloride inside tris (8-hydroxyquinoline) aluminum. Displays 32: 113-117. http://dx.doi.org/10.1016/j.displa.2011.01.004.

Lue, Z; Deng, Z; Zheng, J; Xu, D; Chen, Z; Zhou, E; Wang, Y. (2010). Organic light-emitting diodes with 2-(4-biphenylyl)-5(4-tert-butyl-phenyl)-1,3,4-oxadiazole layer inserted between hole-injecting and hole-transporting layers. Vacuum 84: 1287-1290. http://dx.doi.org/10.1016/j.vacuum.2010.02.004.

Lue, Z; Deng, Z; Zheng, J; Zhou, E; Chen, Z; Xu, D; Wang, Y. (2010). Organic light-emitting diodes using potassium chloride as efficiency and stability enhancers. Displays 31: 54-58. http://dx.doi.org/10.1016/j.displa.2009.09.004.

Lundgren, CE; Eckhardt, LG; Senf, CJ; Bowdwin, MR; Pendergast, DR. (2013). Negative pressure breathing increases cardiac output and nitrogen elimination in seated subjects. Undersea Hyperb Med 40: 403-410.

Luo, FT; Tao, YT; Ko, SL; Chang, HC; Chen, H. (2002). Efficient electroluminescent material for light-emitting diodes from 1,4-distyrylbenzene derivatives. J Mater Chem 12: 47-52.

Luo, JX; Wang, W, ei; Meng, H, u; Xu, W, anJin; Qin, G, uoG. (2016). Optimizing efficiency of polycrystalline p-Si anode organic light-emitting diode. Rare Metals 35: 826-830. http://dx.doi.org/10.1007/s12598-016-0720-9.

Luo, W; Fang, M; Xu, H; Xing, H; Nie, Q. (2015). Transcriptome comparison in the pituitary-adrenal axis between Beagle and Chinese Field dogs after chronic stress exposure. Anim Genet 46: 522-534. http://dx.doi.org/10.1111/age.12325.

Luo, X; Wen, Z; Du, L; Lv, W; Zhao, F; Tang, Y; Chen, Z; Peng, Y. (2016). Notably Improved Red Photoresponse of Organic Diode Employing Gold Nanoparticles Plasmonic Absorption. J Nanosci Nanotechnol 16: 5707-5713. http://dx.doi.org/10.1166/jnn.2016.12056.

Lv, Z; Deng, Z; Xu, D; Li, X; Jia, Y. (2009). Efficient organic light-emitting diodes with C-60 buffer layer. Displays 30: 23-26. http://dx.doi.org/10.1016/j.displa.2008.10.001.

Exposure Literature Search Results

Off Topic

Ma, J; Jiang, XY; Liang, Z; Cao, J, in; Zhang, X; Zhang, ZL. (2009). Highly power efficient organic light-emitting diodes based on Cs2CO3 n-doped and MoO3 p-doped carrier transport layers. Semiconductor Science and Technology 24. http://dx.doi.org/10.1088/0268-1242/24/3/035009.

Ma, T, ao; Deng, K; Jiang, C; Tu, Y, an; Zhang, N; Liu, J, ie; Zhao, Y; Diao, Q. (2013). The relationship between microbial N synthesis and urinary excretion of purine derivatives in Dorper x thin-tailed Han crossbred sheep. Small Ruminant Research 112: 49-55. http://dx.doi.org/10.1016/j.smallrumres.2012.09.003.

Maemura, K; Yamauchi, H; Hayasaki, H; Kanbara, K; Tamayama, T; Hirata, I; Watanabe, M. (2003). gamma-Amino-butyric acid immunoreactivity in intramucosal colonic tumors. J Gastroenterol Hepatol 18: 1089-1094. http://dx.doi.org/10.1046/j.1440-1746.2003.03131.x.

Maiorano, V; Mazzeo, M; Mariano, F; Ben Khalifa, M; Carallo, S; Dussert-Vidalet, B; Cingolani, R; Gigli, G. (2008). Very Long Operational Lifetime at High Initial Luminance of Deep Red Phosphorescent Organic Light-Emitting Diodes With Double Emission Layers. I E E E Photonics Technology Letters 20: 2105-2107. http://dx.doi.org/10.1109/LPT.2008.2006859.

Mallarino, AP. (2003). Field calibration for corn of the Mehlich-3 soil phosphorus test with colorimetric and inductively coupled plasma emission spectroscopy determination methods. Soil Sci Soc Am J 67: 1928-1934.

Maluf, S; Prá, D; Friedrisch, JR; Bittar, C; da Silva, MA; Henriques, JA; Silla, L. (2009). Length of treatment and dose as determinants of mutagenicity in sickle cell disease patients treated with hydroxyurea. Environ Toxicol Pharmacol 27: 26-29. http://dx.doi.org/10.1016/j.etap.2008.08.004.

Marandure, T; Mapiye, C; Makombe, G; Nengovhela, B; Strydom, P; Muchenje, V; Dzama, K. (2016). Beef traders' and consumers' perceptions on the development of a natural pasture-fed beef brand by smallholder cattle producers in South Africa. African Journal of Range and Forage Science 33: 207-214. http://dx.doi.org/10.2989/10220119.2016.1235616.

Marchesan, S; Easton, CD; Styan, KE; Leech, P; Gengenbach, TR; Forsythe, JS; Hartley, PG. (2013). SU-8 photolithography on reactive plasma thin-films: coated microwells for peptide display. Colloids Surf B Biointerfaces 108: 313-321. http://dx.doi.org/10.1016/j.colsurfb.2013.03.018.

Markwitz, A; Fang, F; Johnson, PB. (2011). Dual N/Pb ion-implanted Si: Temperature dependence of the novel shift of the Pb peak under electron beam annealing. Appl Surf Sci 257: 4856-4862. http://dx.doi.org/10.1016/j.apsusc.2010.12.114.

Mazon, G; Philippin, G; Cadet, J; Gasparutto, D; Fuchs, RP. (2009). The alkyltransferase-like ybaZ gene product enhances nucleotide excision repair of O(6)-alkylguanine adducts in E. coli. DNA Repair 8: 697-703. http://dx.doi.org/10.1016/j.dnarep.2009.01.022.

Mendes, AMS; Duda, GP; Do Nascimento, CWA; Lima, JAG; Medeiros, ADL. (2010). Accumulation of heavy metals and chemical alterations in a Ultisol cultivated with melon. Revista Brasileira de Engenharia AgrÃ-cola e Ambiental - Agriambi 14: 791-796.

Meng, H, u; Luo, J; Wang, W, ei; Shi, Z; Niu, Q; Dai, L, un; Qin, G. (2013). Top-Emission Organic Light-Emitting Diode with a Novel Copper/Graphene Composite Anode. Adv Funct Mater 23: 3324-3328. http://dx.doi.org/10.1002/adfm.201203283.

Meng, LC; Hou, Y, anB; Lou, Z, hiD; Teng, F; Yao, X; Liu, XJ, un; Tang, A, iWei; Peng, J, unB. (2013). Efficient and color-stable white organic light-emitting diodes based on exciton management and phosphorescent sensitization. Synthetic Metals 172: 63-68. http://dx.doi.org/10.1016/j.synthmet.2013.03.022.

Meng, Q; Wang, G; Jiang, H; Wang, Y, un; Xie, S. (2013). Preparation of a fast photochromic ormosil matrix coating for smart windows. Journal of Materials Science 48: 5862-5870. http://dx.doi.org/10.1007/s10853-013-7382-x.

Mi, BX; Gao, ZQ; Lee, CS; Kwong, HL; Wang, NB; Lee, ST. (2001). Efficient green electroluminescence of pure chromaticity from a polycyclic aromatic hydrocarbon. J Mater Chem 11: 2244-2247.

Miao, R; Fang, Z; Yang, D; Zhang, Y; Wang, Y; Zhu, B; Zhang, M. (2015). [Effects of 1-bromopropane on hematological changes of exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 350-351.

Miao, R; Fang, Z; Zhu, B; Yang, D; Qian, G; Chen, Y; Zhang, Y. (2015). [Cardiac effects of 1-bromopropane on exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 352-353.

Miao, R; Shi, Y; Zhu, B; Ding, P; Yang, D; Fu, Z; Zhang, Y; Wang, Y; Zhang, M. (2015). [Electrophysiological effects of 1-bromopropane on exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 355-357.

Miao, Y; Gao, Z; Li, Y; Zhang, A; Wang, H, ua; Hao, Y; Jia, H; Liu, X; Xu, B. (2015). Multiple emissive layers white organic light emitting device with nanoplatforms patterning structure for improved current efficiency and color balance. Synthetic Metals 203: 59-67. http://dx.doi.org/10.1016/j.synthmet.2015.02.017.

Miller, TL; Downie, AJ; Cribb, TH. (2009). Morphological disparity despite genetic similarity; new species of Lobosorchis Miller & Cribb, 2005 (Digenea: Cryptogonimidae) from the Great Barrier Reef and the Maldives. Zootaxa37-52.

Mirsaidov, U; Comer, J; Dimitrov, V; Aksimentiev, A; Timp, G. (2010). Slowing the translocation of double-stranded DNA using a nanopore smaller than the double helix. Nanotechnology 21: 395501. http://dx.doi.org/10.1088/0957-4484/21/39/395501.

Mirza, T; Gérin, M; Bégin, D; Drolet, D. (2000). A study on the substitution of trichloroethylene as a spot remover in the textile industry. AIHAJ 61: 431-438.

Mitchell, AE; Zheng, J; Hammock, BD; Lo Bello, M; Jones, AD. (1998). Structural and functional consequences of haloenol lactone inactivation of murine and human glutathione S-transferase. Biochemistry 37: 6752-6759. http://dx.doi.org/10.1021/bi971846r.

Miyazawa, K, ae; Murayama, T. (2007). Heterogeneity of neutral phosphate buffer extractable soil organic matter. Soil Sci Plant Nutr 53: 1-6. http://dx.doi.org/10.1111/j.1747-0765.2007.00103.x.

Mogi, K; Ito, S; Matsuyama, S; Ohara, H; Sakumoto, R; Yayou, K; Ohkura, S; Sutoh, M; Mori, Y; Okamura, H. (2008). Central administration of neuropeptide B, but not prolactin-releasing peptide, stimulates cortisol secretion in sheep. J Reprod Dev 54: 138-141.

Mohideen, SS; Ichihara, S; Subramanian, K; Huang, Z; Naito, H; Kitoh, J; Ichihara, G. (2013). Effects of exposure to 1-bromopropane on astrocytes and oligodendrocytes in rat brain. J Occup Health 55: 29-38. http://dx.doi.org/10.1539/joh.12-0118-OA.

Moon, HI, l; Shin, S; Byeon, SH. (2015). Exposure Monitoring and Health Risk Assessment of 1-Bromopropane as a Cleaning Solvent in the Workplace. Hum Ecol Risk Assess 21: 744-752. http://dx.doi.org/10.1080/10807039.2014.926203.

Exposure Literature Search Results

Off Topic

Mori, A; Okada, K. (2010). Phosphate buffer-extractable organic nitrogen as an index of soil-N availability for sorghum and pearl millet. J Plant Nutr Soil Sci 173: 284-290. http://dx.doi.org/10.1002/jpln.200900282.

Mori, M; Ishihara, M; Okumura, J; Yamaguchi, K; Nakamae, K. (2003). Immobilization of viologen moieties on poly(acrylic acid)-grafted polyethylene surface. Sen'i Gakkaishi 59: 260-265.

Nakayama, Y; Machida, S; Miyazaki, Y; Nishi, T; Noguchi, Y; Ishii, H. (2012). Electronic structures at organic heterojunctions of N,N '-bis(1-naphthyl)-N, N '-diphenyl-1,1 '-biphenyl-4,4 '-diamin (NPB)-based organic light emitting diodes. Organic Electronics 13: 2850-2855. http://dx.doi.org/10.1016/j.orgel.2012.08.033.

Neghabi, M; Behjat, A; Mirjalili, B, iBiF; Zamani, L. (2013). Improvement of performance of tetraphenylporphyrin-based red organic light emitting diodes using WO3 and C-60 buffer layers. Curr Appl Phys 13: 302-306. http://dx.doi.org/10.1016/j.cap.2012.08.003.

Nguyen, PH; Scheinert, S; Berleb, S; Bruetting, W; Paasch, G. (2001). The influence of deep traps on transient current voltage characteristics of organic light-emitting diodes. Organic Electronics 2: 105-120.

NIOSH (National Institute for Occupational Safety and Health). (2008). 1-BP: A Potential Occupational Hazard. Retrieved from https://blogs.cdc.gov/niosh-science-blog/2008/12/08/1bp/

NIOSH (National Institute for Occupational Safety and Health). (2010). Pocket Guide: Methyl bromide. Retrieved from http://www.cdc.gov/niosh/npg/npgd0400.html

Niu, L; Guan, M, in; Chu, X; Zeng, Y; Li, Y; Zhang, Y. (2015). Transient Current Response Characteristics in MoO3-Based Organic Light-Emitting Diodes. J Phys Chem C 119: 10526-10531. http://dx.doi.org/10.1021/acs.jpcc.5b03175.

Nivard, MJ; Czene, K; Segerbäck, D; Vogel, EW. (2003). Mutagenic activity of ethylene oxide and propylene oxide under XPG proficient and deficient conditions in relation to N-7-(2-hydroxyalkyl)guanine levels in Drosophila. Mutat Res 529: 95-107. http://dx.doi.org/10.1016/S0027-5107(03)00111-8.

Nohmi, T; Masumura, K. (2005). Molecular nature of intrachromosomal deletions and base substitutions induced by environmental mutagens [Review]. Environ Mol Mutagen 45: 150-161. http://dx.doi.org/10.1002/em.20110.

Nousiainen, T; Zubko, E; Niemi, JV; Kupiainen, K; Lehtinen, M; Muinonen, K; Videen, G. (2009). Single-scattering modeling of thin, birefringent mineral-dust flakes using the discrete-dipole approximation. J Geophys Res Atmos 114. http://dx.doi.org/10.1029/2008JD011564.

NTP. (1990). NTP Toxicology and Carcinogenesis Studies of Glycidol (CAS No. 556-52-5) In F344/N Rats and B6C3F1 Mice (Gavage Studies). 374: 1-229.

NTP. (2003). Monograph on the Potential Human Reproductive and Developmental Effects of 2-Bromopropane (2-BP. 11: i-III11.

NTP (National Toxicology Program). (2011). Glycidol. In Report on Carcinogenes 13th edition. RTP, NC. http://ntp.niehs.nih.gov/ntp/roc/content/profiles/glycidol.pdf.

NTP (National Toxicology Program). (2011). Report on Carcinogens: Propylene oxide. Research Triangle Park, NC.

Odawara, M; Udagawa, T; Shimaoka, G. (2005). Morphological investigation of double positioning growth of (111)-boron phosphide (BP) on the (0001)-GaN. Appl Surf Sci 244: 289-292. http://dx.doi.org/10.1016/j.apsusc.2004.10.147.

Oh, S; Lee, K, umHee; Kim, YK; Yoon, SS, oo. (2012). Highly efficient blue OLEDs based on diphenylaminofluorenylstyrenes end-capped with heterocyclic aromatics. Materials Research Bulletin 47: 2792-2795. http://dx.doi.org/10.1016/j.materresbull.2012.04.055.

Oh, S; Lee, K, umHee; Seo, J, iH; Kim, YK; Yoon, SS, oo. (2011). Highly Efficient Blue Light-Emitting Materials Based on Arylamine Substituted DPVBi Derivatives. J Nanosci Nanotechnol 11: 7250-7253. http://dx.doi.org/10.1166/jnn.2011.4798.

Okamoto, T; Kozaki, M; Doe, M; Uchida, M; Wang, GF; Okada, K. (2005). 1,4-benzoxazino[2,3-b]phenoxazine and its sulfur analogues: Synthesis, properties, and application to organic light-emitting diodes. Chem Mater 17: 5504-5511. http://dx.doi.org/10.1021/cm050723n.

Orselli, E; Maunoury, J; Bascour, D; Catinat, JP. (2012). Orange phosphorescent organic light-emitting diodes with high operational stability. Organic Electronics 13: 1506-1510. http://dx.doi.org/10.1016/j.orgel.2012.04.020.

OSHA (Occupational Safety & Health Administration). (2011). Chemical Exposure Health data. Retrieved from http://www.osha.gov/opengov/healthsamples.html

Osipov, KA; Pavlovskii, VN; Lutsenko, EV; Gurskii, AL; Yablonskii, GP; Hartmann, S; Janssen, A; Johannes, HH; Caspary, R; Kowalsky, W; Meyer, N; Gersdorff, A; Heuken, A; van Gemmern, P; Zimmermann, C; Jessen, F; Kalisch, H; Jansen, RH. (2007). Influence of thermal annealing on photoluminescence and structural properties of N,N '-diphenyl-N,N '-bis(1-naphthylphenyl)-1, 1 '-biphenyl-4,4 '-diamine (alpha-NPD) organic thin films. Thin Solid Films 515: 4834-4837. http://dx.doi.org/10.1016/j.tsf.2006.11.029.

Ostapovets, A; Serra, A. (2014). Characterization of the matrix-twin interface of a (10(1)over-bar2) twin during growth. Philos Mag 94: 2827-2839. http://dx.doi.org/10.1080/14786435.2014.933906.

Osterholm, AM; Hou, SM. (1998). Splicing mutations at the HPRT locus in human T-lymphocytes in vivo. Environ Mol Mutagen 32: 25-32.

Palilis, LC; Murata, H; Uchida, M; Kafafi, ZH. (2003). High efficiency molecular organic light-emitting diodes based on silole derivatives and their exciplexes. Organic Electronics 4: 113-121. http://dx.doi.org/10.1016/j.orgel.2003.08.006.

Pan, QW, a; Lei, F, uMin; Yin, Z, uoHua; Kristin, A; Kanuch, P. (2007). Phylogenetic relationships between Turdus species: Mitochondrial cytochrome b gene analysis. Ornis Fennica 84: 1-11.

Paredes, YA; Caldas, PG; Prioli, R; Cremona, M. (2011). Quality improvement of organic thin films deposited on vibrating substrates. Thin Solid Films 520: 1416-1421. http://dx.doi.org/10.1016/j.tsf.2011.10.040.

Park, G, uiY; Ha, Y. (2008). Red phosphorescent iridium(III) complexes containing 2,3-diphenylquinoline derivatives for OLEDs. Synthetic Metals 158: 120-124. http://dx.doi.org/10.1016/j.synthmet.2007.12.010.

Park, H, yoY; Lee, S. (2015). Highly efficient yellow organic light-emitting diodes based on a hole-dominant host layer co-doped with yellow emitting and electron transporting guests. Curr Appl Phys 15: 1620-1623. http://dx.doi.org/10.1016/j.cap.2015.09.010.

Park, H, oC; Park, JW; Oh, SG. (2009). Well-Organized Highly Efficient White Organic Light Emitting Diodes Using Fluorescent Emitting Materials. J Nanosci Nanotechnol 9: 7260-7264. http://dx.doi.org/10.1166/jnn.2009.1658.

Exposure Literature Search Results

Off Topic

Park, H, oC; Park, JW; Oh, SG. (2010). Highly efficient and stable organic light-emitting diode by balancing drift current of charge. Curr Appl Phys 10: 1103-1107. http://dx.doi.org/10.1016/j.cap.2010.01.005.

Park, J, inWoo; Lim, JT, ae; Oh, JS, ik; Kim, SH, ee; Viet, PP; Jhon, MS; Yeom, GY. (2013). Electron-injecting properties of Rb2CO3-doped Alq(3) thin films in organic light-emitting diodes. Journal of Vacuum Science and Technology A 31. http://dx.doi.org/10.1116/1.4798302.

Park, JK; Kim, DE, un; Hoanh, TD, ac; Kwon, YS, oo; Lee, BJ. (2008). Zinc Complex Based on 2-(5-Methyl-2-hydroxyphenyl)benzotriazole: Synthesis and Electroluminescence Characteristics. J Nanosci Nanotechnol 8: 5071-5075. http://dx.doi.org/10.1166/jnn.2008.1213.

Park, JK; Lee, K, umHee; Kang, S; Lee, J, inY; Park, JS, un; Seo, J, iH; Kim, YK; Yoon, SS, oo. (2010). Highly efficient blue-emitting materials based on 10-naphthylanthracene derivatives for OLEDs. Organic Electronics 11: 905-915. http://dx.doi.org/10.1016/j.orgel.2010.02.009.

Park, JK; Lee, K, umHee; Park, JS, un; Seo, J, iH; Kim, YK; Yoon, SS, oo. (2011). Highly Efficient Blue Light-Emitting Diodes Based on Diarylanthracene/Triphenylsilane Compounds. J Nanosci Nanotechnol 11: 4357-4362. http://dx.doi.org/10.1166/jnn.2011.3698.

Park, JW; Lee, SE; Park, HC; Chung, TG; Seo, HJ. (2004). Synthesis and electroluminescent properties of diphenyl benzeneamine derivatives as dopant material. Mater Sci Eng C 24: 103-106. http://dx.doi.org/10.1016/j.msec.2003.09.033.

Park, NR; Ryu, GY; Lim, DH; Lee, SJ; Kim, YK; Shin, DM. (2014). Effects of co-doping on the red fluorescent OLEDS. J Nanosci Nanotechnol 14: 5109-5113. http://dx.doi.org/10.1166/jnn.2014.8427.

Park, S; Lee, H; Lee, J; Lee, Y; Yi, Y. (2014). Electronic structures of CuI interlayers in organic electronic devices: An interfacial studies of N,N '-diphenyl-N,N '-bis(1-naphthyl)-1,1 '-biphenyl-4,4 '-diamine/CuI and tris-(8-hydroxyquinolinato)aluminum/CuI. Organic Electronics 15: 3298-3305. http://dx.doi.org/10.1016/j.orgel.2014.09.005.

Park, S, ooNa; Lee, HW, oo; Kim, YS; Kim, J; Lee, SE, un; Lee, H, oWon; Kim, YK; Yoon, SS, oo. (2015). Blue organic light-emitting diodes based on phenyl-bridged fluoranthene and triphenylene derivatives. Synthetic Metals 206: 124-130. http://dx.doi.org/10.1016/j.synthmet.2015.05.020.

Park, TJ; Kim, SY; Jeon, WS; Park, JJ; Pode, R; Jang, J; Kwon, JH. (2008). Electrical characterization of N- and P-doped hole and electron only organic devices. J Nanosci Nanotechnol 8: 5606-5609. http://dx.doi.org/10.1166/jnn.2008.1434.

Park, Y; Kim, B; Lee, C; Hyun, A; Jang, S; Lee, J, iH; Gal, YS; Kim, T, aeH; Kim, KS, oo; Park, J. (2011). Highly Efficient New Hole Injection Materials for OLEDs Based on Dimeric Phenothiazine and Phenoxazine Derivatives. J Phys Chem C 115: 4843-4850. http://dx.doi.org/10.1021/jp108719w.

Park, Y; Kim, B; Lee, C; Lee, J; Lee, J, iH; Park, J. (2012). High Efficiency New Hole Injection Materials for Organic Light Emitting Diodes Based on Dimeric Phenothiazine and Phenoxazine Moiety Derivatives. J Nanosci Nanotechnol 12: 4356-4360. http://dx.doi.org/10.1166/jnn.2012.5886.

Patra, G; Williams, LE; Qi, Y; Rose, S; Redkar, R; Delvecchio, VG. (2002). Rapid genotyping of Bacillus anthracis strains by real-time polymerase chain reaction. Ann N Y Acad Sci 969: 106-111.

Patten, KO; Khamaganov, VG; Orkin, VL; Baughcum, SL; Wuebbles, DJ. (2011). OH reaction rate constant, IR absorption spectrum, ozone depletion potentials and global warming potentials of 2-bromo-3,3,3-trifluoropropene. J Geophys Res Atmos 116. http://dx.doi.org/10.1029/2011JD016518.

Paulechka, YU; Kabo, GJ; Blokhin, AV; Firaha, DS. (2011). Thermodynamics of Ionic Liquid Precursors. 1-Bromobutane and Its Isomers. Journal of Chemical and Engineering Data 56: 4891-4899. http://dx.doi.org/10.1021/je200814m.

Pavlicev, M; Mayer, W. (2006). Multiple copies of coding as well as pseudogene c-mos sequence exist in three lacertid species. J Exp Zoolog B Mol Dev Evol 306: 539-550. http://dx.doi.org/10.1002/jez.b.21110.

Peng, J; Ye, K; Zhang, G; Zhan, Y; Jia, J; Xue, P; Lu, R, an. (2014). Synthesis, photophysical and electroluminescent properties of phenanthroimidazole derivatives with terminal carbazole or pyrene. Synthetic Metals 193: 94-101. http://dx.doi.org/10.1016/j.synthmet.2014.04.004.

Peng, T, ai; Li, G; Ye, K; Wang, C; Zhao, S; Liu, Y, u; Hou, Z; Wang, Y, ue. (2013). Highly efficient phosphorescent OLEDs with host-independent and concentration-insensitive properties based on a bipolar iridium complex. 1: 2920-2926. http://dx.doi.org/10.1039/c3tc00500c.

Peng, Z; Tao, S; Zhang, X; Tang, J; Lee, CS; Lee, ST. (2008). New fluorene derivatives for blue electroluminescent devices: Influence of substituents on thermal properties, photoluminescence, and electroluminescence. J Phys Chem C 112: 2165-2169. http://dx.doi.org/10.1021/jp074834g.

Perego, C; Millini, R; Parker, WO; Belussi, G; Romano, U. (2004). Influence of zeolite pore structure on benzene propylation to iso-/n-propylbenzene. Stud Surf Sci Catal 154: 2239-2246.

Pereira, D; Pinto, A; California, A; Gomes, J; Pereira, L. (2016). Control of a White Organic Light Emitting Diode emission parameters using a single doped RGB active layer. Mater Sci Eng B 211: 156-165. http://dx.doi.org/10.1016/j.mseb.2016.07.004.

Peters, K; Raupp, S; Hummel, H; Bruns, M; Scharfer, P; Schabel, W. (2016). Formation of blade and slot die coated small molecule multilayers for OLED applications studied theoretically and by XPS depth profiling. 6. http://dx.doi.org/10.1063/1.4953845.

Pimentel, MC; Leão, AB; Melo, EH; Ledingham, WM; Filho, JL; Sivewright, M; Kennedy, JF. (2007). Immobilization of Candida rugosa lipase on magnetized Dacron: kinetic study. Artificial Cells, Blood Substitutes, and Biotechnology 35: 221-235. http://dx.doi.org/10.1080/10731190601188380.

Pisso, I; Haynes, PH; Law, KS. (2010). Emission location dependent ozone depletion potentials for very short-lived halogenated species. Atmos Chem Phys 10: 12025-12036. http://dx.doi.org/10.5194/acp-10-12025-2010.

Piva, A; Pizzamiglio, V; Morlacchini, M; Tedeschi, M; Piva, G. (2007). Lipid microencapsulation allows slow release of organic acids and natural identical flavors along the swine intestine. J Anim Sci 85: 486-493. http://dx.doi.org/10.2527/jas.2006-323.

Plna, K; Nilsson, R; Koskinen, M; Segerback, D. (1999). 32P-postlabelling of propylene oxide 1- and N6-substituted adenine and 3-substituted cytosine/uracil: formation and persistence in vitro and in vivo. Carcinogenesis 20(10): 2025- 2032. (Supported by the American Chemical Manufacturer's Association. Authors affiliated with. Carcinogenesis 20: 2025-2032.

Exposure Literature Search Results

Off Topic

Pollack, AZ; Perkins, NJ; Sjaarda, L; Mumford, SL; Kannan, K; Philippat, C; Wactawski-Wende, J; Schisterman, EF. (2016). Variability and exposure classification of urinary phenol and paraben metabolite concentrations in reproductive-aged women. Environ Res 151: 513-520. http://dx.doi.org/10.1016/j.envres.2016.08.016.

Polowinski, S; Jantas, R. (2008). Antibacterial and Catalytic Properties of Textiles with Modified Surfaces. 16: 104-107.

Popovic, ZD; Xie, S; Hu, N; Hor, A; Fork, D; Anderson, G; Tripp, C. (2000). Life extension of organic LED's by doping of a hole transport layer. Thin Solid Films 363: 6-8.

Qian, D; Lu, Z; Jian, S; XiQing, Z; YongSheng, W. (2012). Organic photodetectors based on transparent electrodes for application in ultraviolet light detection. Science China Technological Sciences 55: 1551-1555. http://dx.doi.org/10.1007/s11431-012-4806-9.

Qian, G; Zhong, Z, e; Luo, M, in; Yu, D; Zhang, Z; Ma, D; Wang, Z, hiY. (2009). Synthesis and Application of Thiadiazoloquinoxaline-Containing Chromophores as Dopants for Efficient Near-Infrared Organic Light-Emitting Diodes. J Phys Chem C 113: 1589-1595. http://dx.doi.org/10.1021/jp809568a.

Qin, D; Jin, S; Chen, Y; Wang, W; Chen, L, i. (2015). The improved performance in inverted organic light-emitting diodes using the hybrid-p-doped hole transport layer. Applied Physics A: Materials Science and Processing 120: 651-655. http://dx.doi.org/10.1007/s00339-015-9233-x.

Qin, D; Liu, J; Chen, Y; Chen, L, ei; Quan, W, ei; Li, G. (2012). Increased performance in the organic light-emitting diode employing two p-doped hole transport layers. Semiconductor Science and Technology 27. http://dx.doi.org/10.1088/0268-1242/27/4/045012.

Qin, W, ei; Liu, J; Chen, S; Lam, JWY; Arseneault, M; Yang, Z; Zhao, Q; Kwok, H, oiS; Tang, B, enZ. (2014). Crafting NPB with tetraphenylethene: a win-win strategy to create stable and efficient solid-state emitters with aggregation-induced emission feature, high hole-transporting property and efficient electroluminescence. 2: 3756-3761. http://dx.doi.org/10.1039/c4tc00145a.

Qiu, Y; Qiao, J. (2000). Photostability and morphological stability of hole transporting materials used in organic electroluminescence. Thin Solid Films 372: 265-270.

Qiu, Y; Qiao, J; Gao, YD; Zhang, DQ; Wang, LD. (2002). A novel 1,5-naphthylenediamine derivative as potential organic blue light-emitting material. Synthetic Metals 129: 25-28.

Quirino, WG; Legnani, C; Cremona, M; Lima, PP; Junior, SA; Malta, OL. (2006). White OLED using beta-diketones rare earth binuclear complex as emitting layer. Thin Solid Films 494: 23-27. http://dx.doi.org/10.1016/j.tsf.2005.08.185.

Quirino, WG; Legnani, C; dos Santos, RMB; Teixeira, KC; Cremona, M; Guedes, MA; Brito, HF. (2008). Electroluminescent devices based on rare-earth tetrakis beta-diketonate complexes. Thin Solid Films 517: 1096-1100. http://dx.doi.org/10.1016/j.tsf.2008.06.012.

Radaoui, M; Ben Fredj, A; Romdhane, S; Bouaicha, M; Bouchriha, H. (2013). Enhancement of magneto-conductance in n-Si/n-PS/NPB structures at room temperature. Mater Sci Eng B 178: 1416-1421. http://dx.doi.org/10.1016/j.mseb.2013.08.019.

Ramadass, K; Smith, E; Palanisami, T; Mathieson, G; Srivastava, P; Megharaj, M; Naidu, R. (2015). Evaluation of constraints in bioremediation of weathered hydrocarbon-contaminated arid soils through microcosm biopile study. Int J Environ Sci Tech 12: 3597-3612. http://dx.doi.org/10.1007/s13762-015-0793-2.

Ramos-Chavez, LA; Sordo, M; Calderon-Aranda, E; Castañeda-Saucedo, E; Ostrosky-Wegman, P; Moreno-Godinez, ME. (2015). A permethrin/allethrin mixture induces genotoxicity and cytotoxicity in human peripheral blood lymphocytes. J Toxicol Environ Health A 78: 7-14. http://dx.doi.org/10.1080/15287394.2015.956025.

Rao, MVM; Su, Y, anK; Huang, TS; Chen, Y, iC. (2010). White Organic Light Emitting Devices Based on Multiple Emissive Nanolayers. Nano-Micro Letters 2: 242-246. http://dx.doi.org/10.3786/nml.v2i4.p242-246.

Rao, MVM; Su, YK; Liu, YC; Huang, TS. (2016). LOW DRIVING VOLTAGE FOR FLEXIBLE ORGANIC LIGHT EMITTING DIODES BASED ON TRANSPARENT ANODE. Digest Journal of Nanomaterials and Biostructures 11: 865-872.

Raymond, LW; Ford, MD. (2007). Severe illness in furniture makers using a new glue: 1-bromopropane toxicity confounded by arsenic. J Occup Environ Med 49: 1009-1019. http://dx.doi.org/10.1097/JOM.0b013e318145b616.

Riel, H; Brutting, W; Beierlein, T; Haskal, E; Muller, P; Riess, W. (2000). Influence of space charges on the current-voltage characteristic of organic light-emitting devices. Synthetic Metals 111: 303-306.

Rink, KK; Kozinski, JA; Lighty, JS. (1995). BIOSLUDGE INCINERATION IN FBCS - BEHAVIOR OF ASH PARTICLES. Combust Flame 100: 121-132.

Ríos-Blanco, MN; Faller, TH; Nakamura, J; Kessler, W; Kreuzer, PE; Ranasinghe, A; Filser, JG; Swenberg, JA. (2000). Quantitation of DNA and hemoglobin adducts and apurinic/apyrimidinic sites in tissues of F344 rats exposed to propylene oxide by inhalation. Carcinogenesis 21: 2011-2018.

Ríos-Blanco, MN; Ranasinghe, A; Lee, MS; Faller, T; Filser, JG; Swenberg, JA. (2003). Molecular dosimetry of N7-(2-hydroxypropyl)guanine in tissues of F344 rats after inhalation exposure to propylene oxide. Carcinogenesis 24: 1233-1238. http://dx.doi.org/10.1093/carcin/bgg087.

Ruiz, DRY; Moumen, A; Alcaide, EM. (2004). Comparative studies on microbial protein synthesis in the rumen of goats and sheep. J Anim Feed Sci 13: 251-254.

Rustan, PL; Verga, RL; Nikolich, M; Wiley, RL; Straw, DC. (1991). SDIO PULSED POWER RESEARCH-AND-DEVELOPMENT REQUIREMENTS. I E E E Transactions on Electron Devices 38: 686-691.

Ryu, GY; Lee, SG; Lim, SH; Kim, GY; Kim, YK; Shin, DM. (2009). A non-doped organic light emitting diode with pure red emission using a new host emitter. J Nanosci Nanotechnol 9: 6983-6987. http://dx.doi.org/10.1166/jnn.2009.1655.

Ryu, GY; Shin, SE; Seo, JH; Park, JS; Chang, HM; Shin, S; Kim, YK; Shin, DM. (2011). A Study on White Organic Light-Emitting Diodes Co-Doped with Red Fluorescent and Blue Phosphorescent Dopants. J Nanosci Nanotechnol 11: 4430-4433. http://dx.doi.org/10.1166/jnn.2011.3706.

Sahasithiwat, S; Sooksimuang, T; Kangkaew, L; Panchan, W. (2017). 3,12-Dimethoxy-5,6,9,10-tetrahydro-7,8-dicyano-[5]helicene as a new emitter for blue and white organic light-emitting diodes. Dyes and Pigments 136: 754-760. http://dx.doi.org/10.1016/j.dyepig.2016.09.042.

Exposure Literature Search Results

Off Topic

Sahoo, PK; Sheu, JP. (2003). An efficient channel allocation technique for multiple videos-on-demand. Multimedia Tools and Applications 20: 67-81.

Saito, H; Okumoto, Y; Yoshitake, Y; Inoue, H; Yuan, Q; Teraishi, M; Tsukiyama, T; Nishida, H; Tanisaka, T. (2011). Complete loss of photoperiodic response in the rice mutant line X61 is caused by deficiency of phytochrome chromophore biosynthesis gene. Theor Appl Genet 122: 109-118. http://dx.doi.org/10.1007/s00122-010-1426-2.

Sari, A; Zamani, Y; Taheri, SA, li. (2009). Intrinsic kinetics of Fischer-Tropsch reactions over an industrial Co-Ru/gamma-Al2O3 catalyst in slurry phase reactor. Fuel Process Tech 90: 1305-1313. http://dx.doi.org/10.1016/j.fuproc.2009.06.024.

Sarret, G; Manceau, A; Spadini, L; Roux, JC; Hazemann, JL; Soldo, Y; Eybert-Berard, L; Menthonnex, JJ. (1998). Structural determination of Zn and Pb binding sites in Penicillium chrysogenum cell walls by EXAFS spectroscopy. Environ Sci Technol 32: 1648-1655.

Sayfzadeh, S; Habibi, D; Taleghani, DF; Kashani, A; Vazan, S; Qaen, SHS; Khodaei, AH; Mashhadi, M; Boojar, A; Rashidi, M. (2011). Response of Antioxidant Enzyme Activities and Root Yield in Sugar Beet to Drought Stress. International Journal of Agriculture and Biology 13: 357-362.

Scheckel, KG; Impellitteri, CA; Ryan, JA. (2004). Lead sorption on ruthenium oxide: A macroscopic and spectroscopic study. Environ Sci Technol 38: 2836-2842. http://dx.doi.org/10.1021/es035212l.

Schuette, A; Boelens, OJ; Oehlke, M; Jirasek, A; Loeser, T. (2012). Prediction of the flow around the X-31 aircraft using three different CFD methods. Aerospace Science and Technology 20: 21-37. http://dx.doi.org/10.1016/j.ast.2011.07.014.

Schulte, PA; Mckernan, LT; Heidel, DS; Okun, AH; Dotson, GS; Lentz, TJ; Geraci, CL; Heckel, PE; Branche, CM. (2013). Occupational safety and health, green chemistry, and sustainability: a review of areas of convergence [Review]. Environ Health 12: 31. http://dx.doi.org/10.1186/1476-069X-12-31.

Schulz, U; Praefke, C; Munzert, P; Goedeker, C; Kaiser, N. (2011). Formation of antireflective nanostructures on melamine and N,N '-di(1-naphthyl)-N,N ' diphenyl benzidine (NPB). 1: 101-107.

Schwarzenbach, RP; Giger, W; Schaffner, C; Wanner, O. (1985). GROUNDWATER CONTAMINATION BY VOLATILE HALOGENATED ALKANES ABIOTIC FORMATION OF VOLATILE SULFUR COMPOUNDS UNDER ANAEROBIC CONDITIONS. Environ Sci Technol 19: 322-327. http://dx.doi.org/10.1021/es00134a003.

Schwarzenbacher, H; Wurmser, C; Flisikowski, K; Misurova, L; Jung, S; Langenmayer, MC; Schnieke, A; Knubben-Schweizer, G; Fries, R; Pausch, H. (2016). A frameshift mutation in GON4L is associated with proportionate dwarfism in Fleckvieh cattle. 48: 25. http://dx.doi.org/10.1186/s12711-016-0207-z.

Segerbäck, D; Plná, K; Faller, T; Kreuzer, PE; Hakansson, K; Filser, JG; Nilsson, R. (1998). Tissue distribution of DNA adducts in male Fischer rats exposed to 500 ppm of propylene oxide: quantitative analysis of 7-(2-hydroxypropyl)guanine by 32P-postlabelling. Chem Biol Interact 115: 229-246.

Seo, HJ; Park, HC; Lee, SE; Park, JW. (2005). Synthesis and electroluminescent properties of carbazolyl vinylene derivatives. Curr Appl Phys 5: 209-212. http://dx.doi.org/10.1016/j.cap.2003.11.085.

Seo, JA; Lee, CW, on; Gong, MS. (2013). Spirobenzofluorene linked anthracene derivatives: Synthesis and application in blue fluorescent host materials. Dyes and Pigments 96: 211-219. http://dx.doi.org/10.1016/j.dyepig.2012.08.011.

Seong, NC; Jeon, YM, in; Lim, T, aeHo; Kim, JW, oo; Lee, CW, on; Lee, E, nJ; Jang, J, iG; Jang, H, oJ; Lee, JY; Gong, MS. (2007). Organic light-emitting device using new distyrylarylene host materials. Synthetic Metals 157: 421-426. http://dx.doi.org/10.1016/j.synthmet.2007.04.015.

Shangguan, R; Mu, G; Qiao, X; Wang, L, ei; Cheah, K, okWai; Zhu, X; Chen, CH. (2011). Low sublimation temperature cesium pivalate complex as an efficient electron injection material for organic light-emitting diode devices. Organic Electronics 12: 1957-1962. http://dx.doi.org/10.1016/j.orgel.2011.08.005.

Shen, Q, un; Ye, S; Yu, G, ui; Lu, P; Liu, Y. (2008). Synthesis of tetraarylsilanes and its usage as blue emitters in electroluminescence. Synthetic Metals 158: 1054-1058. http://dx.doi.org/10.1016/j.synthmet.2008.07.012.

Shen, WC; Su, Y, anK; Ji, LW, en. (2006). High bright white organic light-emitting diode based on mixing orange and blue emission. J Cryst Growth 293: 48-51. http://dx.doi.org/10.1016/j.jcrysgro.2006.03.062.

Sherchan, J; Choi, H; Lee, ES. (2009). Depurination of nucleosides and calf thymus DNA induced by 2-bromopropane at the physiological condition. Bull Kor Chem Soc 30: 2309-2317.

Sherchan, J; Yun, M; Lee, E, -S. (2009). Deadenylation of adenine based- nucleosides and calf thymus DNA induced by halogenated alkanes at the physiological condition. Bull Kor Chem Soc 30: 2318-2328.

Shi, H, eP; Dai, J, xin; Wu, XH; Shi, L, iwen; Yuan, JD; Fang, L, i; Miao, Y, anqin; Du, XG; Wang, H, ua; Dong, C. (2013). A novel dimesitylboron-substituted indolo[3,2-b]carbazole derivative: Synthesis, electrochemical, photoluminescent and electroluminescent properties. Organic Electronics 14: 868-874. http://dx.doi.org/10.1016/j.orgel.2012.12.028.

Shi, S; Ma, D. (2006). Improved performance and stability by an Al/Ni bilayer cathode in organic light-emitting diodes. Appl Surf Sci 253: 1551-1554. http://dx.doi.org/10.1016/j.apsusc.2006.02.038.

Shi, S; Ma, D. (2006). NaCl/Ca/Al as an efficient cathode in organic light-emitting devices. Appl Surf Sci 252: 6337-6341. http://dx.doi.org/10.1016/j.apsusc.2005.08.036.

Shi, S; Ma, D; Peng, J. (2007). Improved electron injection in organic light-emitting devices with a lithium acetylacetonate [Li(acac)]/aluminium bilayer cathode. Semiconductor Science and Technology 22: 249-252. http://dx.doi.org/10.1088/0268-1242/22/3/013.

Shi, SW; Ma, DG. (2005). A pentacene-doped hole injection layer for organic light-emitting diodes. Semiconductor Science and Technology 20: 1213-1216. http://dx.doi.org/10.1088/0268-1242/20/12/012.

Shi, Y, uM; Deng, Z, bo; Xu, D, hui; Chen, Z; Li, X, iuF. (2007). Quantum well organic light emitting diodes with ultra thin Rubrene layer. Displays 28: 97-100. http://dx.doi.org/10.1016/j.displa.2007.02.001.

Exposure Literature Search Results

Off Topic

Shi, Y, uM; Deng, Z, bo; Xu, D, hui; Xiao, J. (2006). Organic light-emitting diodes with improved hole-electron balance and tunable light emission with aromatic diamine/bathocuproine multiple hole-trapping-layer. Displays 27: 166-169. http://dx.doi.org/10.1016/j.displa.2006.05.003.

Shim, S; Kim, J, inTae; Shin, E, unJin; Chung, N, akK; Ko, MK, yu; Kwon, O; Yun, J, uY. (2016). Phase behaviors of NPB molecule under vacuum. Materials Research Bulletin 82: 67-70. http://dx.doi.org/10.1016/j.materresbull.2016.01.054.

Shin, D; Lee, J; Lee, H; Kim, H; Yi, Y. (2014). Evidence for the changes in hole injection mechanism with a CoPc hole injection layer. Curr Appl Phys 14: 778-783. http://dx.doi.org/10.1016/j.cap.2014.03.006.

Shin, H; Kang, H; Kim, JH; Wang, Y; Kim, S; Kay, K; Park, J. (2015). Synthesis and Electroluminescence Property of New Hexaphenyl Benzene Derivatives Including Emitting Core for OLED. J Nanosci Nanotechnol 15: 8289-8294. http://dx.doi.org/10.1166/jnn.2015.11260.

Shin, H; Wang, YF; Kim, JH; Lee, J; Kay, KY; Park, J. (2013). Synthesis and electroluminescence property of new hexaphenylbenzene derivatives including amine group for blue emitters. Nanoscale Res Lett 8: 421. http://dx.doi.org/10.1186/1556-276X-8-421.

Shin, W, onJu; Lee, J, eYun; Kim, J, aeC; Yoon, T, aeH; Kim, T, aeS; Song, O, kK. (2008). Bulk and interface properties of molybdenum trioxide-doped hole transporting layer in organic light-emitting diodes. Organic Electronics 9: 333-338. http://dx.doi.org/10.1016/j.orgel.2007.12.001.

Silva, AC; Vidal-Torrado, P; Cortizas, AM; Rodeja, EG. (2004). Soils of the Sao Jose Hills (Minas Gerais State, Brazil) and their relationship with palaeoclimate in southeastern Brazil. Revista Brasileira de Ciencia do Solo 28: 455-466.

Silva, VM; Pereira, L. (2006). The nature of the electrical conduction and light emitting efficiency in organic semiconductors layers: The case of [m-MTDATA]-[NPB]-Alq3 OLED. Journal of Non-Crystalline Solids 352: 5429-5436. http://dx.doi.org/10.1016/j.jnoncrysol.2006.08.016.

Simonet, J; Peters, DG. (2004). Electrochemical conversion of primary alkyl halides to alkenes at platinum cathodes. J Electrochem Soc 151: D7-D12. http://dx.doi.org/10.1149/1.1636179.

Siviour, NG; Ng, K. (1994). MG-PB PHASE-DIAGRAM AND PHASE-TRANSFORMATIONS IN THE INTERMETALLIC COMPOUNDS MG2PB AND BETA'. Metallurgical and Materials Transactions B - Process Metallurgy and Materials Processing Science 25: 265-275.

SK, L; CH, J; SH, H; DW, L; GH, K; TW, J; Lee, J; DH, K; HG, J; ES, L; a, JT. (2005). Identification of glutathione conjugates and mercapturic acids of 1,2-dibromopropane in female BALB/c mice by liquid chromatography-electrospray ionization tandem mass spectrometry. Xenobiotica 35(1): 97-105. (Supported by KOSEF, Korea. Authors affiliated with. 35: 97-105. http://dx.doi.org/10.1080/00498250400021937.

Small, CE; Tsang, S, aiW; Kido, J; So, S, huK; So, F. (2012). Origin of Enhanced Hole Injection in Inverted Organic Devices with Electron Accepting Interlayer. Adv Funct Mater 22: 3261-3266. http://dx.doi.org/10.1002/adfm.201200185.

SMARTe (Sustainable Management Approaches and Revitalization Tools - electronic). (2012). Understanding Units of Measurement. Retrieved from http://www.smarte.org/smarte/home/index.xml

Son, H, oJin; Han, W, onSik; Han, S, uJ; Lee, C; Kang, SO, ok. (2010). Electrochemically Active Dendrimers for the Manufacture of Multilayer Films: Electrochemical Deposition or Polymerization Process by End-Capped Triarylamine or Carbazole Dendrimer. J Phys Chem C 114: 1064-1072. http://dx.doi.org/10.1021/jp9083184.

Son, H, oJin; Han, W, onSik; Wee, KR; Lee, S, uH; Hwang, A, hR; Kwon, S; Cho, D, aeWon; Suh, I, lH; Kang, SO, ok. (2009). Intermolecular peripheral 2,5-bipyridyl interactions by cyclization of 1,1 '-silanylene unit of 2,3,4,5-aryl substituted siloles: enhanced thermal stability, high charge carrier mobility, and their application to electron transporting layers for OLEDs. J Mater Chem 19: 8964-8973. http://dx.doi.org/10.1039/b915214h.

Son, M, inJ; Kim, S; Kwon, S; Kim, JW, on. (2009). Interface electronic structures of organic light-emitting diodes with WO3 interlayer: A study by photoelectron spectroscopy. Organic Electronics 10: 637-642. http://dx.doi.org/10.1016/j.orgel.2009.02.017.

Song, J, iY; Lee, SB, ee; Lee, SJ, ae; Kim, YK; Yoon, SS, oo. (2015). Organic light-emitting diodes based on 9-(2-naphthyl)anthracene derivatives with a triphenylsilane unit as the deep-blue emitting layer. Thin Solid Films 577: 42-48. http://dx.doi.org/10.1016/j.tsf.2015.01.050.

Song, J, iY; Lee, SJ, ae; Kim, YK; Yoon, SS, oo. (2014). Highly efficient non-doped organic light emitting diodes (OLEDs) using anthracene derivatives with triphenylsilane unit. Materials Research Bulletin 58: 145-148. http://dx.doi.org/10.1016/j.materresbull.2014.03.021.

Song, J, in; Qin, D; Chen, Y; Wang, W; Chen, L, i. (2016). Unlocking the potential of p-doped hole transport layers in inverted organic light emitting diodes. Displays 45: 44-47. http://dx.doi.org/10.1016/j.displa.2015.12.003.

Song, L; Hu, Y; Zhang, N; Li, Y; Lin, J; Liu, X. (2016). Improved Performance of Organic Light-Emitting Field-Effect Transistors by Interfacial Modification of Hole-Transport Layer/Emission Layer: Incorporating Organic Heterojunctions. 8: 14063-14070. http://dx.doi.org/10.1021/acsami.6b02618.

Song, S; Kim, CW, oo; Moon, J, inS; Kim, S. (2014). At least nine independent natural mutations of the DFR-A gene are responsible for appearance of yellow onions (Allium cepa L.) from red progenitors. Molecular Breeding 33: 173-186. http://dx.doi.org/10.1007/s11032-013-9942-9.

Song, W; Meng, M, ei; Cheah, K; Zhu, F, uR; Kim, W, ooY. (2015). RGB Recombination Zone Tuning to Improve Optical Characteristics of White Organic Light-Emitting Diodes. J Nanosci Nanotechnol 15: 3697-3702. http://dx.doi.org/10.1166/jnn.2015.9260.

SRI Consulting. (2012). Directory of Chemical Producers. Database edition. Menlo Park, CA.

Stafford, E; Bosque, JL; Martinez, C; Vallejo, F; Beivide, R; Camarero, C; Castillo, E. (2016). Assessing the Suitability of King Topologies for Interconnection Networks. I E E E Transactions on Parallel and Distributed Systems 27: 682-694. http://dx.doi.org/10.1109/TPDS.2015.2409865.

Standeven, AM; Goldsworthy, TL. (1994). Identification of hepatic mitogenic and cytochrome P-450-inducing fractions of unleaded gasoline in B6C3F1 mice. J Toxicol Environ Health 43: 213-224. http://dx.doi.org/10.1080/15287399409531916.

Stolzenberg, SJ; Hine, CH. (1979). Mutagenicity of halogenated and oxygenated three-carbon compounds. J Toxicol Environ Health 5: 1149-1158. http://dx.doi.org/10.1080/15287397909529820.

Exposure Literature Search Results

Off Topic

Stroup-Gardiner, M; Nelson, JW. (2001). Use of n-propyl bromide solvents for extraction and recovery of asphalt cements. Journal of Testing and Evaluation 29: 432-441.

Styers, DM; Chappelka, AH. (2009). Urbanization and Atmospheric Deposition: Use of Bioindicators in Determining Patterns of Land-Use Change in West Georgia. Water Air Soil Pollut 200: 371-386. http://dx.doi.org/10.1007/s11270-008-9919-1.

Suda, M; Honma, T; Miyagawa, M; Wang, RS. (2008). Alteration of brain levels of neurotransmitters and amino acids in male F344 rats induced by three-week repeated inhalation exposure to 1-bromopropane. Ind Health 46: 348-359. http://dx.doi.org/10.2486/indhealth.46.348.

Suescun-Florez, E; Roslyakov, S; Iskander, M; Baamer, M. (2015). Geotechnical Properties of BP-1 Lunar Regolith Simulant. J Aerosp Eng 28. http://dx.doi.org/10.1061/(ASCE)AS.1943-5525.0000462.

Sun, J; Wang, H, ua; Xu, H; Li, J, ie; Wu, Y; Du, X; Xu, B. (2015). Synthesis, structure, photophysical and electroluminescent properties of a blue-green self-host phosphorescent iridium(III) complex. Mater Chem Phys 162: 392-399. http://dx.doi.org/10.1016/j.matchemphys.2015.06.005.

Sun, MC; Jou, JH; Weng, WK; Huang, YS. (2005). Enhancing the performance of organic light-emitting devices by selective thermal treatment. Thin Solid Films 491: 260-263. http://dx.doi.org/10.1016/j.tsf.2005.05.036.

Sun, PP; Duan, JP; Lih, JJ; Cheng, CH. (2003). Synthesis of new europium complexes and their application in electroluminescent devices. Adv Funct Mater 13: 683-691. http://dx.doi.org/10.1002/adfm.200304378.

Sun, Q; Dong, G; Li, D; Duan, L; Wang, L; Qiu, Y. (2012). Dark current and photovoltage models on the formation of depletion region in C-60/NPB organic heterojunctions. Organic Electronics 13: 3276-3283. http://dx.doi.org/10.1016/j.orgel.2012.09.022.

Sun, XW; Huang, JZ; Wang, JX; Xu, Z. (2008). A ZnO nanorod inorganic/organic heterostructure light-emitting diode emitting at 342 nm. Nano Lett 8: 1219-1223. http://dx.doi.org/10.1021/nl080340z.

Sun, XY; Li, WL; Xu, ML; Chu, B; Bi, DF; Li, B; Hu, YW; Zhang, ZQ; Hu, ZZ. (2008). High-efficiency red phosphorescent organic light-emitting diodes based on metal-microcavity structure. Solid-State Electronics 52: 211-214. http://dx.doi.org/10.1016/j.sse.2007.09.001.

Sun, Z; Mou, X. (2016). Effects of sediment burial disturbance on macro and microelement dynamics in decomposing litter of Phragmites australis in the coastal marsh of the Yellow River estuary, China. Environ Sci Pollut Res Int 23: 5189-5202. http://dx.doi.org/10.1007/s11356-015-5756-0.

Sundriyal, V; Sosonkina, M. (2016). Joint frequency scaling of processor and DRAM. Journal of Supercomputing 72: 1549-1569. http://dx.doi.org/10.1007/s11227-016-1680-4.

SZ, Y; A, B. GABA's control of stem and cancer cell proliferation in adult neural and peripheral niches. Physiology 24: 171-185. (Supported by NIH. Authors affiliated with.

Sze, PW; Huang, CJ; Lin, FY; Lan, WH. (2015). Enhancement Performances in White Organic Light-Emitting Diode (WOLED) by Formation of Charge-Transfer (CT) Complex. J Nanosci Nanotechnol 15: 9178-9183. http://dx.doi.org/10.1166/jnn.2015.11413.

Sztrum, CG; Rabani, E. (2006). Out-of-equilibrium self-assembly of binary mixtures of nanoparticles. Adv Mater Deerfield 18: 565-+. http://dx.doi.org/10.1002/adma.200501408.

Tachizawa, H; MacDonald, TL; Neal, RA. (1982). Rat liver microsomal metabolism of propyl halides. Mol Pharmacol 22: 745-751.

Takebayashi, Y; Morii, N; Sue, K; Furuya, T; Yoda, S; Ikemizu, D, ai; Taka, H. (2015). Solubility of N,N '-Di(1-naphthyl)-N,N '-diphenyl Benzidine (NPB) in Various Organic Solvents: Measurement and Correlation with the Hansen Solubility Parameter. Ind Eng Chem Res 54: 8801-8808. http://dx.doi.org/10.1021/acs.iecr.5b01219.

Takehara, ZI; Ogumi, Z; Uchimoto, Y; Yasuda, K. (1995). ENHANCEMENT OF THE MONOVALENT CATION PERM-SELECTIVITY OF NAFION BY PLASMA-INDUCED SURFACE MODIFICATION. J Adhes Sci Tech 9: 615-625.

Talanov, MV; Razumovskaya, ON; Shilkina, LA; Reznichenko, LA. (2013). Effect of barium on the structure and dielectric properties of multicomponent ceramics based on ferroelectric relaxors. Inorg Mater 49: 957-961. http://dx.doi.org/10.1134/S0020168513090197.

Tamir, A; Wisniak, J. (1986). LIQUID VAPOR EQUILIBRIA AT 760 MMHG IN THE SYSTEMS METHANOL ACETONITRILE AND ACETONITRILE PROPYL BROMIDE. Journal of Chemical and Engineering Data 31: 363-364.

Tamir, A; Wisniak, J. (1987). VAPOR-LIQUID-EQUILIBRIA AT 760 MMHG IN THE TERNARY-SYSTEM METHANOL ACETONITRILE PROPYL BROMIDE. Journal of Chemical and Engineering Data 32: 291-293.

Tan, G; Chen, S; Sun, N; Li, Y; Fortin, D; Wong, W, aiY; Kwok, H, oiS; Ma, D; Wu, H; Wang, L; Harvey, PD. (2013). Highly efficient iridium(III) phosphors with phenoxy-substituted ligands and their high-performance OLEDs. 1: 808-821. http://dx.doi.org/10.1039/c2tc00123c.

Tan, YY; Fu, H, aoWei; Zhao, H, aiJun; Lu, S, ha; Fu, J, unJie; Li, Y, ouFa; Cui, H, aiRui; Shu, QY, ao. (2013). Functional molecular markers and high-resolution melting curve analysis of low phytic acid mutations for marker-assisted selection in rice. Molecular Breeding 31: 517-528. http://dx.doi.org/10.1007/s11032-012-9809-5.

Tang, C; Xu, H, ui; Wang, X, uL; Liu, W, ei; Liu, R, uiLan; Rong, Z; Fan, Q, uLi; Huang, W, ei. (2013). Study of carrier mobility of N,N '-diphenyl-N,N ' bis(1,1 '-biphenyl)-4,4 '-diamine (NPB) by transmission line model of impedance spectroscopy. Thin Solid Films 542: 281-284. http://dx.doi.org/10.1016/j.tsf.2013.06.075.

Tang, H, ao; Li, Y; Wang, X; Wang, W; Sun, R. (2007). Improvement of efficiency and stability utilizing a wide band gap material as the host for red organic light-emitting diodes. Semiconductor Science and Technology 22: 287-291. http://dx.doi.org/10.1088/0268-1242/22/3/020.

Tang, H; Tang, H, ao; Zhang, Z; Cong, C; Zhang, K. (2009). Synthesis, thermal, photoluminescent, and electroluminescent properties of a novel quaternary Eu(III) complex containing a carbazole hole-transporting functional group. Journal of Materials Science: Materials in Electronics 20: 597-603. http://dx.doi.org/10.1007/s10854-008-9771-5.

Tang, H; Tang, H, ao; Zhang, Z; Yuan, J; Cong, C; Zhang, K. (2009). Synthesis, photoluminescent and electroluminescent properties of a novel europium(III) complex involving both hole- and electron-transporting functional groups. Synthetic Metals 159: 72-77. http://dx.doi.org/10.1016/j.synthmet.2008.07.025.

Exposure Literature Search Results

Off Topic

Tao, S; Jiang, Y; Lai, SL, un; Fung, M, anK; Zhou, Y; Zhang, X; Zhao, W; Lee, CS. (2011). Efficient blue organic light-emitting devices with a new bipolar emitter. Organic Electronics 12: 358-363. http://dx.doi.org/10.1016/j.orgel.2010.12.001.

Tao, S; Li, L; Yu, J; Jiang, Y; Zhou, Y; Lee, CS; Lee, ST; Zhang, X; Kwon, O. (2009). Bipolar Molecule as an Excellent Hole-Transporter for Organic-Light Emitting Devices. Chem Mater 21: 1284-1287. http://dx.doi.org/10.1021/cm803087c.

Tao, Y; Wang, Q; Yang, C; Qin, J; Ma, D. (2010). Managing Charge Balance and Triplet Excitons to Achieve High-Power-Efficiency Phosphorescent Organic Light-Emitting Diodes. ACS Applied Materials & Interfaces 2: 2813-2818. http://dx.doi.org/10.1021/am100495g.

Tao, Y; Wang, Q; Yang, C; Zhong, C; Qin, J; Ma, D. (2010). Multifunctional Triphenylamine/Oxadiazole Hybrid as Host and Exciton-Blocking Material: High Efficiency Green Phosphorescent OLEDs Using Easily Available and Common Materials. Adv Funct Mater 20: 2923-2929. http://dx.doi.org/10.1002/adfm.201000669.

Tao, Y, uTai; Wu, K, unY; Huang, K, oHui; Perng, TP. (2011). Odd-even modulation of electrode work function with self-assembled layer: Interplay of energy barrier and tunneling distance on charge injection in organic light-emitting diodes. Organic Electronics 12: 602-608. http://dx.doi.org/10.1016/j.orgel.2011.01.004.

Tao, YT; Balasubramaniam, E; Danel, A; Jarosz, B; Tomasik, P. (2001). Organic light-emitting diodes based on variously substituted pyrazoloquinolines as emitting material. Chem Mater 13: 1207-1212.

Tao, YT; Balasubramaniam, E; Danel, A; Wisla, A; Tomasik, P. (2001). Pyrazoloquinoline derivatives as efficient blue electroluminescent materials. J Mater Chem 11: 768-772.

Tao, YT; Ko, CW; Balasubramaniam, E. (2002). Energy transfer vs. carrier trapping: emission mechanism in dye-doped organic light emitting diodes. Thin Solid Films 417: 61-66.

Tatsuta, M; Iishi, H; Baba, M; Nakaizumi, A; Ichii, M; Taniguchi, H. (1990). INHIBITION BY GAMMA-AMINO-NORMAL-BUTYRIC ACID AND BACLOFEN OF GASTRIC CARCINOGENESIS INDUCED BY N-METHYL-N'-NITRO-N-NITROSOGUANIDINE IN WISTAR RATS. Cancer Res 50: 4931-4934.

Temple, L; Kawabata, TT; Munson, AE; White, KL. (1993). Comparison of ELISA and Plaque-Forming Cell Assays for Measuring the Humoral Immune Response to SRBC in Rats and Mice Treated with Benzo[a]pyrene or Cyclophosphamide. Toxicol Sci 21: 412-419. http://dx.doi.org/10.1093/toxsci/21.4.412.

Thangthong, AM; Prachumrak, N; Tarsang, R; Keawin, T; Jungsuttiwong, S; Sudyoadsuk, T; Promarak, V. (2012). Blue light-emitting and hole-transporting materials based on 9,9-bis(4-diphenylaminophenyl)fluorenes for efficient electroluminescent devices. J Mater Chem 22: 6869-6877. http://dx.doi.org/10.1039/c2jm15480c.

Tian, A; Cao, J; Zhang, E. (2016). Identification and functional characterisation of a novel anther-specific LTP promoter from Brassica campestris ssp chinensis. Journal of Horticultural Science and Biotechnology 91: 427-434. http://dx.doi.org/10.1080/14620316.2016.1166992.

Timp, W; Mirsaidov, UM; Wang, D; Comer, J; Aksimentiev, A; Timp, G. (2010). Nanopore Sequencing: Electrical Measurements of the Code of Life. I E E E Transactions on Nanotechnology 9: 281-294. http://dx.doi.org/10.1109/TNANO.2010.2044418.

TL, G; JA, M; RD, B; DL, M; Butterworth, L; AE, M; DR, G; KL, W. (2000). Glycidol modulation of the immune responses in female B6C3F1 mice. Drug Chem Toxicol 23: 433-457.

TM, S; IB, L; Williams, A; GR, D; CL, Y. (2006). Detection of induced male germline mutation: correlations and comparisons between traditional germline mutation assays, transgenic rodent assays and expanded simple tandem repeat instability assays. Mutat Res 598(1-2): 164-193. (Support not reported. Authors affiliated with Health. Mutat Res 598: 164-193. http://dx.doi.org/10.1016/j.mrfmmm.2006.01.017.

Tong, H, ui; Dong, Y; Hong, Y; Haussler, M; Lam, JWY; Sung, HHY; Yu, X; Sun, J; Williams, I, anD; Kwok, H, oiS; Tang, B, enZ. (2007). Aggregation-induced emission: Effects of molecular structure, solid-state conformation, and morphological packing arrangement on light-emitting behaviors of diphenyldibenzofulvene derivatives. J Phys Chem C 111: 2287-2294. http://dx.doi.org/10.1021/jp0630828.

Tong, QX; Lai, SL, un; Chan, M, eiYee; Lai, K, aHo; Tang, JX, in; Kwong, H, olLun; Lee, CS; Lee, ST. (2007). High T-g triphenylamine-based starburst hole-transporting material for organic light-emitting devices. Chem Mater 19: 5851-5855. http://dx.doi.org/10.1021/cm0712624.

Tong, QX; Lai, SL, un; Chan, M, eiYee; Zhou, Y, eC; Kwong, H, oiLun; Lee, CS; Lee, ST; Lee, T, aeWoo; Noh, T; Kwon, O. (2009). A High Performance Nondoped Blue Organic Light-Emitting Device Based on a Diphenylfluoranthene-Substituted Fluorene Derivative. J Phys Chem C 113: 6227-6230. http://dx.doi.org/10.1021/jp810305b.

Tong, QX; Lai, SL, un; Lo, MF, ai; Chan, M, eiYee; Ng, T, szWai; Lee, ST; Tao, S, iLu; Lee, CS. (2012). An efficient hole-transporting blue fluorophore 3,6-dipyrenyl-9-ethylcarbazole for undoped organic light-emitting devices. Synthetic Metals 162: 415-418. http://dx.doi.org/10.1016/j.synthmet.2011.12.030.

Tong, SW; Lau, KM; Sun, HY; Fung, MK; Lee, CS; Lifshitz, Y; Lee, ST. (2006). Ultraviolet photoelectron spectroscopy investigation of interface formation in an indium-tin oxide/fluorocarbon/organic semiconductor contact. Appl Surf Sci 252: 3806-3811. http://dx.doi.org/10.1016/j.apsusc.2005.05.065.

Töpfer, K; Kempe, S; Müller, N; Schmitz, M; Bachmann, M; Cartellieri, M; Schackert, G; Temme, A. (2011). Tumor evasion from T cell surveillance [Review]. J Biomed Biotechnol 2011: 918471. http://dx.doi.org/10.1155/2011/918471.

Toppi, S; Thomas, C; Sayag, C; Brodzki, D; Le Peltier, F; Travers, C; Djega-Mariadassou, G. (2003). Proposal for a common reactive adsorbate for ethylbenzene and indenic compounds in the conversion of n-propylbenzene over a precoked silica-supported platinum catalyst. J Catal 218: 411-418. http://dx.doi.org/10.1016/S0021-9517(03)00161-1.

Torres-Perez, J; Gerente, C; Andres, Y. (2012). Sustainable Activated Carbons from Agricultural Residues Dedicated to Antibiotic Removal by Adsorption. Chinese Journal of Chemical Engineering 20: 524-529.

Tran, CDT; Liu, Y, i; Thibau, ES; Llanos, A; Lu, ZH. (2015). Stability of organometal perovskites with organic overlayers. 5. http://dx.doi.org/10.1063/1.4930082.

Trivedi, K; Bhansali, US; Gnade, B; Hu, W. (2009). The fabrication of high density nanochannel organic light emitting diodes with reduced charge spreading. Nanotechnology 20: 405204. http://dx.doi.org/10.1088/0957-4484/20/40/405204.

Exposure Literature Search Results

Off Topic

Tsai, Y, uS; Wang, SH, si; Chen, SY; Su, SY; Juang, F, uhS. (2009). Efficiency improvement of flexible fluorescent and phosphorescent organic light emitting diodes by inserting a spin-coating buffer layer. Thin Solid Films 517: 5338-5342. http://dx.doi.org/10.1016/j.tsf.2009.03.154.

Tsang, SW; Tse, SC; Tong, KL; So, SK. (2006). PEDOT : PSS polymeric conducting anode for admittance spectroscopy. Organic Electronics 7: 474-479. http://dx.doi.org/10.1016/j.orgel.2006.06.002.

Tsou, CC; Lu, HT; Yokoyama, M. (2005). Investigation of the recombination zone in the structure of red organic electroluminescent devices. Thin Solid Films 488: 254-257. http://dx.doi.org/10.1016/j.tsf.2005.04.086.

Tsou, CC; Lu, HT; Yokoyama, M. (2005). Novel structure of white organic electroluminescent devices. Solid-State Electronics 49: 1595-1598. http://dx.doi.org/10.1016/j.sse.2005.07.002.

Tsou, CC; Lu, HT; Yokoyama, M. (2005). Red, green, blue and white organic electroluminescent devices. J Cryst Growth 280: 201-205. http://dx.doi.org/10.1016/j.jcrysgro.2005.03.044.

Tsou, CC; Lu, HT; Yokoyama, M. (2006). White organic electroluminescent devices. J Cryst Growth 289: 559-563. http://dx.doi.org/10.1016/j.jcrysgro.2005.12.112.

Tsuboi, T; Jeon, WS; Kwon, JH. (2009). Observation of phosphorescence from fluorescent organic material Bebq(2) using phosphorescent sensitizer. Optical Materials 31: 1755-1758. http://dx.doi.org/10.1016/j.optmat.2008.07.017.

Tsuboi, T; Kishimoto, T; Wako, K; Matsuda, K; Iguchi, H. (2012). Effect of ITO Surface Treatment on Organic Light Emitting Diodes. J Nanosci Nanotechnol 12: 3692-3695. http://dx.doi.org/10.1166/jnn.2012.5662.

Tsung, KK; So, SK. (2009). High temperature carrier mobility as an intrinsic transport parameter of an organic semiconductor. Organic Electronics 10: 661-665. http://dx.doi.org/10.1016/j.orgel.2009.02.014.

Tung, YL; Chen, L, iS; Chi, Y, un; Chou, P, iTai; Cheng, Y, iM; Li, E, seYLi; Lee, GH; Shu, CF; Wu, TI, y; Carty, AJ. (2006). Orange and red organic light-emitting devices employing neutral Ru(II) emitters: Rational design and prospects for color tuning. Adv Funct Mater 16: 1615-1626. http://dx.doi.org/10.1002/adfm.200500901.

U.S. EPA. (2003). Protection of stratospheric ozone; Listing of substitutes for ozone- depleting substances - n-propyl bromide. 68: 33284-33316.

U.S. EPA. (2007). Protection of stratospheric ozone: Listing of substances for ozone depleting substances - n-propyl bromide in adhesives, coatings and aerosols. Fed Reg 72: 30168-30207.

U.S. EPA. (2007). Protection of stratospheric ozone: Listing of substitutes for ozone-depleting substances-n-propyl bromide in solvent cleaning. Fed Reg 72: 30142-30167.

U.S. EPA (U.S. Environmental Protection Agency). (2010). List of lists: Consolidated list of chemicals subject to the Emergency Planning and Community Right-to-know Act (EPCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and section 112(r) of the Clean Air Act [EPA Report]. (EPA 550-B-10-001). Washington, DC.

U.S. EPA (U.S. Environmental Protection Agency). (2012). Non-confidential IUR Production Volume Information.

Udagawa, T; Odawara, A; Shimaoka, G. (2005). High-resolution TEM characterization of MOVPE-grown (111)-BP layer on hexagonal 6H (0001)-SiC. Appl Surf Sci 244: 285-288. http://dx.doi.org/10.1016/j.apsusc.2004.10.129.

UNEP (United Nations Environment Programme). (2001). Montreal Protocol on Substances that Deplete the Ozone Layer. Report of the Technology and Economic Assessment Panel.

USITC. Interactive Tariff and Trade Dataweb. United States International Trade Commission. http://dataweb.usitc.gov/scripts/user_set.asp and search.

Vamvounis, G; Aziz, H; Hu, NX; Popovic, ZD. (2004). Temperature dependence of operational stability of organic light emitting diodes based on mixed emitter layers. Synthetic Metals 143: 69-73. http://dx.doi.org/10.1016/j.synthmet.2003.10.014.

van den Hurk, P; Faisal, M; Roberts, MH. (1998). Interaction of cadmium and benzo[a]pyrene in mummichog (Fundulus heteroclitus): Effects on acute mortality. Mar Environ Res 46: 525-528.

Van Hylckama Vlieg, JE; Janssen, DB. (2001). Formation and Detoxification of Reactive Intermediates in the Metabolism of Chlorinated Ethenes [Review]. J Biotechnol 85: 81-102.

Vanzetti, LS; Pflueger, L; Bainotti, CT; Jensen, C; Helguera, M. (2010). Identification of a null allele at the Wx-A1 locus in durum wheat (Triticum turgidum L. ssp durum Desf.). Plant Breeding (Print) 129: 718-720. http://dx.doi.org/10.1111/j.1439-0523.2009.01741.x.

Vaz, MF; Fortes, MA; Teixeira, PI. (2005). Symmetry-breaking transitions and dissociation of two-dimensional Plateau borders. Eur Phys J E Soft Matter 16: 401-407. http://dx.doi.org/10.1140/epje/i2004-10090-4.

Veerappan, K; Jung, H, eeJ; Hwang, I; Kho, KH, ee; Chung, M, iY; Nou, I, llSup. (2016). Sequence variation in SlMYB12 is associated with fruit peel color in pink tomato cultivars. Horticulture, Environment and Biotechnology 57: 274-279. http://dx.doi.org/10.1007/s13580-016-0041-9.

Vemireddy, LR; Archak, S; Nagaraju, J. (2007). Capillary electrophoresis is essential for microsatellite marker based detection and quantification of adulteration of Basmati rice (Oryza sativa). J Agric Food Chem 55: 8112-8117. http://dx.doi.org/10.1021/jf0714517.

Venkatachalm, S; Hayashi, H; Ebina, T; Kawasaki, K; Nakamura, T; Nanjo, H. (2012). Preparation and Optimization of Epitaxial Growth of Transparent ZnO Nanotip Thin Films by Hydrothermal Method. J Nanosci Nanotechnol 12: 3751-3759. http://dx.doi.org/10.1166/jnn.2012.6140.

Ventura, HT; Fonseca e Silva, F; Varona, L; Pereira de Figueiredo, EA; Costa, EV; da Silva, LP; Ventura, R; Lopes, PS. (2015). Comparing multi-trait Poisson and Gaussian Bayesian models for genetic evaluation of litter traits in pigs. Livest Sci 176: 47-53. http://dx.doi.org/10.1016/j.livsci.2015.03.030.

Vogel, EW; Nivard, MJ. (1997). The response of germ cells to ethylene oxide, propylene oxide, propylene imine and methyl methanesulfonate is a matter of cell stage-related DNA repair. Environ Mol Mutagen 29: 124-135. http://dx.doi.org/10.1002/(SICI)1098-2280(1997)29:2<124::AID-EM3>3.0.CO;2-E.

Vu, H-T; Yu, HC; Chen, YC; Chen, IW, enP; Huang, CY; Juang, F, uhS; Su, Y, anK. (2014). Non-oxidized graphene nanoplatelets as an efficient hole transport layer in organic light-emitting diodes. Organic Electronics 15: 792-797. http://dx.doi.org/10.1016/j.orgel.2014.01.008.

Exposure Literature Search Results

Off Topic

Wandeler, P; Camenisch, G. (2011). Identifying Y-chromosomal diversity by long-template PCR. Molecular Ecology Resources 11: 835-841. http://dx.doi.org/10.1111/j.1755-0998.2011.03013.x.

Wang, D; Beppu, K; Yamamoto, K; Inai, T; Kido, H. (2013). Effects of Bisphosphonate Administration on Peri-Implant Bone in Vitamin D-Deficient Rats. 22: 79-87.

Wang, D; Wu, Z; Zhang, X; Jiao, B, o; Liang, S; Wang, D; He, R; Hou, X, un. (2010). Solution-processed organic films of multiple small-molecules and white light-emitting diodes. Organic Electronics 11: 641-648. http://dx.doi.org/10.1016/j.orgel.2010.01.004.

Wang, F; Qiao, X; Xiong, T, ao; Ma, D. (2008). The role of molybdenum oxide as anode interfacial modification in the improvement of efficiency and stability in organic light-emitting diodes. Organic Electronics 9: 985-993. http://dx.doi.org/10.1016/j.orgel.2008.07.009.

Wang, G; He, Y, i; Wang, L. (2008). Effect of the ligand on the properties of emitting materials: Pentacoordinated 8-hydroxyquinoline aluminum complexes. Mater Lett 62: 2611-2614. http://dx.doi.org/10.1016/j.matiet.2007.12.070.

Wang, J; Wang, T; Cao, D; Zhao, X; Liu, J, ie; Zhuo, M; Mi, B; Gao, Z. (2015). Exciton blocking and dissociation by a p-type anode buffer in small molecule bulk heterojunction organic photovoltaic with small ratio donor of phosphorescent material. Organic Electronics 23: 11-16. http://dx.doi.org/10.1016/j.orgel.2015.04.004.

Wang, J, un; Yu, J; Lin, H, ui; Jiang, Y; Lou, S; Yang, G. (2007). High efficiency organic light-emitting diodes with yellow phosphorescent emission based on a novel iridium complex. Semiconductor Science and Technology 22: 25-28. http://dx.doi.org/10.1088/0268-1242/22/2/005.

Wang, L, ei; Wu, Z, hiY; Wong, W, aiY; Cheah, K, okWai; Huang, H; Chen, CH. (2011). New blue host materials based on anthracene-containing dibenzothiophene. Organic Electronics 12: 595-601. http://dx.doi.org/10.1016/j.orgel.2011.01.002.

Wang, L, i; Xu, W, ei; Luo, Y, u; Yuan, J; Ding, Y. (2011). Performances enhancement in OLEDs by inserting ultrathin trilayer in electron injection structure and using MoO3 as hole buffer layer. Displays 32: 45-48. http://dx.doi.org/10.1016/j.displa.2010.11.001.

Wang, LG; Gao, YX; Liu, XL; Cheng, LF. (2016). Charge transport and electrical properties in the organic small-molecule material NPB. J Optoelect Adv Mater 18: 504-508.

Wang, M; Qin, D; Chen, Y; Chen, L, ei; Li, G; Wang, W. (2013). Reduced hole loss in organic light emitting diode incorporating two p-doped hole transport layers. Applied Physics A: Materials Science and Processing 113: 811-815. http://dx.doi.org/10.1007/s00339-013-7598-2.

Wang, PF; Xie, ZY; Hong, ZR; Tang, JX; Wong, OY; Lee, CS; Wong, NB; Lee, ST. (2003). Synthesis, photoluminescence and electroluminescence of new 1H-pyrazolo[3,4-b]quinoxaline derivatives. J Mater Chem 13: 1894-1899. http://dx.doi.org/10.1039/b302972g.

Wang, PF; Xie, ZY; Tong, SW; Wong, OY; Lee, CS; Wong, N; Hung, LS; Lee, S. (2003). A novel neutral red derivative for applications in high-performance red-emitting electroluminescent devices. Chem Mater 15: 1913-1917. http://dx.doi.org/10.1021/cm0209214.

Wang, Q, iZ; Fu, H, aoWei; Huang, JZ; Zhao, H, aiJun; Li, Y, ouFa; Zhang, B, in; Shu, QY, ao. (2012). Generation and characterization of bentazon susceptible mutants of commercial male sterile lines and evaluation of their utility in hybrid rice production. Field Crops Research 137: 12-18. http://dx.doi.org/10.1016/j.fcr.2012.09.001.

Wang, QK, un; Wang, RB, in; Shen, PF, ei; Li, C, hi; Li, Y, anQ; Liu, L, iJia; Duhm, S; Tang, JX, in. (2015). Energy Level Offsets at Lead Halide Perovskite/Organic Hybrid Interfaces and Their Impacts on Charge Separation. 2. http://dx.doi.org/10.1002/admi.201400528.

Wang, W; Du, C; Bi, H; Sun, Y; Wang, Y; Mauser, C; Da Como, E; Fuchs, H; Chi, L. (2010). Tunable multicolor ordered patterns with two dye molecules. Adv Mater Deerfield 22: 2764-2769. http://dx.doi.org/10.1002/adma.201000129.

Wang, X, in; Liu, B, o; Lu, Q; Meng, L; Li, C; Duan, W; Tang, A. (2015). A Single Molecule Electromer Emitting Compound with Enhanced Hole Transporting Property for Organic Light Emitting Devices. 7: 2436-2440. http://dx.doi.org/10.1166/sam.2015.2643.

Wang, XC; Zhao, HY; Chen, NX; Zhang, Y. (2010). Theoretical investigations into self-organized ordered metallic semi-clusters arrays on metallic substrate. Nanoscale Res Lett 5: 1020-1026. http://dx.doi.org/10.1007/s11671-010-9595-0.

Wang, XZ; Ding, XM; Li, ZS; Zhan, YQ; Bergenti, I; Dediu, VA; Taliani, C; Xie, ZT; Ding, BF; Hou, XY; Zhang, WH; Xu, FQ. (2007). Modification of the organic/La0.7Sr0.3MnO3 interface by in situ gas treatment. Appl Surf Sci 253: 9081-9084. http://dx.doi.org/10.1016/j.apsusc.2007.05.035.

Wang, Y; Chen, J; Huang, J; Dai, Y; Zhang, Z; Liu, S, u; Ma, D. (2014). Hole transport characteristics in phosphorescent dye-doped NPB films by admittance spectroscopy. Applied Physics A: Materials Science and Processing 117: 1125-1130. http://dx.doi.org/10.1007/s00339-014-8478-0.

Wang, Y; Zhao, S, huL; Zhang, F, ujun; Yuan, G, cai; Xu, Z. (2007). Study of electroplex emission from a blend of two basic blue-emitting materials PVK and NPB. Microelectronics Journal 38: 275-277. http://dx.doi.org/10.1016/j.mejo.2006.09.014.

Wang, YM; Teng, F; Xu, Z; Hou, YB; Yang, SY; Xu, XR. (2005). Trap effect of an ultrathin DCJTB layer in organic light-emitting diodes. Mater Chem Phys 92: 291-294. http://dx.doi.org/10.1016/j.matchemphys.2005.01.060.

Wang, YM; Teng, F; Zhou, QC; Wang, YS. (2006). Multiple roles of bathocuproine employed as a buffer-layer in organic light-emitting diodes. Appl Surf Sci 252: 2355-2359. http://dx.doi.org/10.1016/j.apsusc.2005.04.006.

Watanabe, M; Maemura, K; Oki, K; Shiraishi, N; Shibayama, Y; Katsu, K. (2006). Gamma-aminobutyric acid (GABA) and cell proliferation: focus on cancer cells [Review]. Histol Histopathol 21: 1135-1141. http://dx.doi.org/10.14670/HH-21.1135.

Watanabe, S; Yoshikawa, H. (2007). Characterization of neutral phosphate buffer extractable soil organic matter by electrophoresis and fractionation using ultrafiltration. Soil Sci Plant Nutr 53: 650-656. http://dx.doi.org/10.1111/j.1747-0765.2007.00188.x.

Wei, B, in; Liu, J, iZ; Zhang, Y; Zhang, JH, ua; Peng, H, uaNan; Fan, H, eL; He, Y, anBo; Gao, X, iCun. (2010). Stable, Glassy, and Versatile Binaphthalene Derivatives Capable of Efficient Hole Transport, Hosting, and Deep-Blue Light Emission. Adv Funct Mater 20: 2448-2458. http://dx.doi.org/10.1002/adfm.201000299.

Wei, F; Zhang, X; Cao, J, in; Khan, MA; Zhu, W; Jiang, X; Zhang, Z. (2006). Enhancement of red organic light-emitting diodes via cascade energy transfer. Microelectronics Journal 37: 1325-1328. http://dx.doi.org/10.1016/j.mejo.2006.07.012.

Wei, F; Zhang, X; Cao, J, in; Khan, MA; Zhu, W; Jiang, X; Zhang, Z. (2007). Highly efficient styrylamine-doped blue and white organic electroluminescent devices. Displays 28: 186-190. http://dx.doi.org/10.1016/j.displa.2007.07.006.

Exposure Literature Search Results

Off Topic

Weigel, CS; Kowalsky, W; Saive, R. (2015). Direct observation of the potential distribution within organic light emitting diodes under operation. Physica Status Solidi Rapid Research Letters 9: 475-479. http://dx.doi.org/10.1002/pssr.201510223.

Whitelaw-Weckert, MA; Curtin, SJ; Huang, R; Steel, CC; Blanchard, CL; Roffey, PE. (2007). Phylogenetic relationships and pathogenicity of Colletotrichum acutatum isolates from grape in subtropical Australia. Plant Pathology 56: 448-463. http://dx.doi.org/10.1111/j.1365-3059.2007.01569.x.

Whitten, GZ; Cohen, JP; Myers, TC; Carter, WPL. (2003). The ozone formation potential of 1-bromo-propane. Journal of the Air and Waste Management Association 53: 262-272.

Whitten, GZ; Yarwood, G. (2008). The ozone productivity of n-propyl bromide: Part 2 - An exception to the Maximum Incremental Reactivity scale. Journal of the Air and Waste Management Association 58: 891-901. http://dx.doi.org/10.3155/1047-3289.58.7.891.

Willamil, J; Creus, E, va; Francisco Perez, J; Mateu, E; Martin-Orue, SM. (2011). Effect of a microencapsulated feed additive of lactic and formic acid on the prevalence of Salmonella in pigs arriving at the abattoir. Arch Anim Nutr 65: 431-444. http://dx.doi.org/10.1080/1745039X.2011.623047.

Wisniak, J. (1993). ISOBARIC VAPOR-LIQUID-EQUILIBRIA IN THE TERNARY-SYSTEM ACETONITRILE PLUS METHYL ACETATE PLUS PROPYL BROMIDE. Journal of Chemical and Engineering Data 38: 296-298.

Wisniak, J. (1996). Phase equilibria in the systems ethyl methanoate plus 1-bromopropane, ethyl methanoate plus cyclohexane, and ethyl methanoate plus 1-bromopropane plus cyclohexane. Journal of Chemical and Engineering Data 41: 468-473.

Wisniak, J; Apelblat, A; Zabicky, J; Feingold, I. (1995). ISOBARIC VAPOR-LIQUID-EQUILIBRIA IN THE BINARY-SYSTEMS OF 1-BROMOPROPANE WITH CYCLOHEXANE, HEPTANE, AND 1-BUTANOL. Journal of Chemical and Engineering Data 40: 120-123.

Wisniak, J; Tamir, A. (1982). VAPOR LIQUID EQUILIBRIUM IN THE SYSTEMS PROPYL BROMIDE ACETIC-ACID, PROPYL BROMIDE PROPIONIC-ACID, AND PROPYL BROMIDE ACETIC-ACID PROPIONIC-ACID. Journal of Chemical and Engineering Data 27: 430-435.

Wisniak, J; Tamir, A. (1984). LIQUID VAPOR EQUILIBRIA AT 760 MMHG IN THE SYSTEM PROPYL BROMIDE METHYL BUTYRATE. Journal of Chemical and Engineering Data 29: 19-20.

Wisniak, J; Tamir, A. (1985). VAPOR LIQUID EQUILIBRIA AT 760-MMHG IN THE SYSTEM METHANOL-2-PROPANOL-PROPYL BROMIDE AND ITS BINARIES. Journal of Chemical and Engineering Data 30: 339-344.

Wisniak, J; Tamir, A. (1987). VAPOR-LIQUID-EQUILIBRIA AT 760 MMHG IN THE SYSTEM PROPYL BROMIDE TOLUENE. Journal of Chemical and Engineering Data 32: 294-295.

Wisniak, J; Tamir, A. (1988). VAPOR LIQUID EQUILIBRIA AT 760 MMHG FOR THE SYSTEM 1,1-DICHLOROETHANE PROPYL BROMIDE. Journal of Chemical and Engineering Data 33: 108-109.

Wisniak, J; Tamir, A. (1988). VAPOR LIQUID EQUILIBRIA AT 760 MMHG IN THE SYSTEMS PROPYL BROMIDE TERT-BUTYL ALCOHOL AND PROPYL BROMIDE PARA-XYLENE. Journal of Chemical and Engineering Data 33: 106-108.

Wisniak, J; Tamir, A. (1988). VAPOR LIQUID EQUILIBRIA AT 760 MMHG IN THE TERNARY-SYSTEM METHANOL-1,1-DICHLOROETHANE-PROPYL BROMIDE. Journal of Chemical and Engineering Data 33: 429-432.

Wisniak, J; Tamir, A. (1988). VAPOR LIQUID EQUILIBRIA AT 760 MMHG IN THE TERNARY-SYSTEM METHANOL PROPYL BROMIDE METHYL-METHACRYLATE. Journal of Chemical and Engineering Data 33: 376-379.

Wisniak, J; Tamir, A. (1989). VAPOR LIQUID EQUILIBRIA AT 760 MMHG IN THE TERNARY-SYSTEM METHYL ACETATE PROPYL BROMIDE TOLUENE. Journal of Chemical and Engineering Data 34: 298-301.

Wisniak, J; Tamir, A. (1989). VAPOR-LIQUID-EQUILIBRIA AT 760 MMHG IN THE SYSTEMS METHYL ACETATE-PROPYL BROMIDE, METHYL ACETATE-TOLUENE, AND METHYL METHACRYLATE-TOLUENE. Journal of Chemical and Engineering Data 34: 16-19.

Wisniak, J; Tamir, A. (1989). VAPOR-LIQUID-EQUILIBRIA AT 760 MMHG IN THE SYSTEMS PROPYL BROMIDE-METHYL METHACRYLATE AND VINYL ACETATE-PROPYL BROMIDE. Journal of Chemical and Engineering Data 34: 14-16.

Wisniak, J; Tamir, A. (1990). ISOBARIC VAPOR-LIQUID-EQUILIBRIA IN THE SYSTEMS PROPYL BROMIDE METHYL ETHYL KETONE, METHYL ETHYL KETONE PARA-XYLENE, AND VINYL-ACETATE METHYL-METHACRYLATE. Journal of Chemical and Engineering Data 35: 147-150.

Wisniak, J; Tamir, A. (1990). VAPOR-LIQUID-EQUILIBRIA IN THE SYSTEM VINYL-ACETATE PROPYL BROMIDE METHYL-METHACRYLATE. Journal of Chemical and Engineering Data 35: 150-152.

Wisniak, J; Tamir, A. (1991). VAPOR-LIQUID-EQUILIBRIA IN THE SYSTEMS METHYL ACETATE METHYL-METHACRYLATE AND METHYL ACETATE PROPYL BROMIDE METHYL-METHACRYLATE. Journal of Chemical and Engineering Data 36: 4-7.

Wisniak, J; Tamir, A. (1992). ISOBARIC VAPOR-LIQUID-EQUILIBRIA IN THE TERNARY-SYSTEM METHANOL-PROPYL BROMIDE-TOLUENE AND PROPYL BROMIDE-ACETONITRILE-TOLUENE. 30: 245-251.

Wisniak, J; Tamir, A. (1992). ISOBARIC VAPOR-LIQUID-EQUILIBRIA IN THE TERNARY-SYSTEMS METHYL ACETATE PLUS VINYL-ACETATE PLUS PROPYL BROMIDE AND METHYL ACETATE PLUS VINYL-ACETATE PLUS TOLUENE. Journal of Chemical and Engineering Data 37: 538-541.

Wolf, K; Morris, M; Swanson, MB; Geibig, JR; Kelly, KE. (2003). Alternative Adhesive Technologies: Foam Furniture and Bedding Industries. Wolf, K; Morris, M; Swanson, MB; Geibig, JR; Kelly, KE.

Wong, AK; Ruhe, AL; Robertson, KR; Loew, ER; Williams, DC; Neff, MW. (2013). A de novo mutation in KIT causes white spotting in a subpopulation of German Shepherd dogs. Anim Genet 44: 305-310. http://dx.doi.org/10.1111/age.12006.

Wong, FL; Chan, MY; Lai, SL; Fung, MK; Lai, KH; Tsang, WM; Ng, TW; Poon, CO; Lee, CS; Lee, ST. (2008). Lifetime improvement of organic light-emitting diodes using silicon oxy-nitride as anode modifier. Thin Solid Films 516: 8195-8198. http://dx.doi.org/10.1016/j.tsf.2008.04.028.

Wong, FL; Sun, HY; Tong, SW; Chan, MY; Lee, CS; Lee, ST. (2006). Performance enhancement of organic light-emitting diode by heat treatment. J Cryst Growth 288: 110-114. http://dx.doi.org/10.1016/j.jcrysgro.2005.12.032.

Wu, F; Chang, XL; Wu, CH. (2016). [Summary of studies on carcinogenicity of 1-bromopropane]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 34: 555-558.

Exposure Literature Search Results

Off Topic

Wu, FI; Shu, CF; Wang, TT; Diau, EWG; Chien, CH; Chuen, CH; Tao, Y. (2005). Bis(2,2-diphenylvinyl)spirobifluorene: An efficient and stable blue emitter for electroluminescence applications. Synthetic Metals 151: 285-292. http://dx.doi.org/10.1016/j.synthmet.2005.06.003.

Wu, H, aoDi; Xiao, Y, an; Liu, ZH, ui; Wang, FX, ia; Pan, G, eBo. (2015). Preparation and Optical Waveguiding Property of Single-Crystal Organic NPB Microsheets. J Nanosci Nanotechnol 15: 6015-6019. http://dx.doi.org/10.1166/jnn.2015.10309.

Wu, QG; Esteghamatian, M; Hu, NX; Popovic, Z; Enright, G; Tao, Y; D'Iorio, M; Wang, SN. (2000). Synthesis, structure, and electroluminescence of BR(2)q (R = Et, Ph, 2-naphthyl and q=8-hydroxyquinolato). Chem Mater 12: 79-83.

Wu, QX; Hendershot, WH; Marshall, WD; Ge, Y. (2000). Speciation of cadmium, copper, lead, and zinc in contaminated soils. Commun Soil Sci Plant Anal 31: 1129-1144.

Wu, S; Chen, H; Di, S; Zhou, B; Xie, Z; Jin, H, ai; Shi, X. (2015). Synchronization-Aware Scheduling for Virtual Clusters in Cloud. I E E E Transactions on Parallel and Distributed Systems 26: 2890-2902. http://dx.doi.org/10.1109/TPDS.2014.2359017.

Wu, SH; Lo, MF; Chen, ZY; Ng, TW; Hu, X; Mo, HW; Wu, C; Li, WL; Lee, CS. (2012). Simple near-infrared photodetector based on charge transfer complexes formed in molybdenum oxide doped N,N '-di(naphthalene-1-yl)-N,N '-diphenyl-benzidine. Physica Status Solidi Rapid Research Letters 6: 129-131. http://dx.doi.org/10.1002/pssr.201105596.

Wu, X; Faqi, AS; Yang, J; Pang, BP; Ding, X; Jiang, X; Chahoud, I. (2002). 2-Bromopropane induces DNA damage, impairs functional antioxidant cellular defenses, and enhances the lipid peroxidation process in primary cultures of rat Leydig cells. Reprod Toxicol 16: 379-384.

Wu, X; Li, F; Wu, W, ei; Guo, T. (2014). Flexible white phosphorescent organic light emitting diodes based on multilayered graphene/PEDOT:PSS transparent conducting film. Appl Surf Sci 295: 214-218. http://dx.doi.org/10.1016/j.apsusc.2014.01.034.

Wu, XM; Mu, X, ue; Hua, Y, uLin; Bai, JJ; Wang, L, i; Xiao, Z, hiHui; Dong, N, i; Yin, SG, en. (2013). Realization of Low Driving Voltage in Organic Light-Emitting Diodes Using C-60 as an Electron Transport Layer and Alq(3) as a Buffer Layer. I E E E Electron Device Letters 34: 650-652. http://dx.doi.org/10.1109/LED.2013.2251600.

Wu, YS; Hwang, SW; Chen, HH; Lee, MT; Shen, WJ; Chen, CH. (2005). Efficient white organic light emitting devices with dual emitting layers. Thin Solid Films 488: 265-269. http://dx.doi.org/10.1016/j.tsf.2005.04.032.

Wuebbles, DJ; Jain, AK; Patten, KO; Connell, PS. (1998). Evaluation of ozone depletion potentials for chlorobromomethane (CH2ClBr) and 1-bromo-propane (CH2BrCH2CH3). Atmos Environ 32: 107-113.

Wuebbles, DJ; Kotamarthi, R; Patten, KO. (1999). Updated evaluation of ozone depletion potentials for chlorobromomethane (CH2ClBr) and 1-bromo-propane (CH2BrCH2CH3). Atmos Environ 33: 1641-1643.

Wuebbles, DJ; Patten, KO; Johnson, MT; Kotamarthi, R. (2001). New methodology for Ozone Depletion Potentials of short-lived compounds: n-propyl bromide as an example. J Geophys Res Atmos 106: 14551-14571.

Wuebbles, DJ; Patten, KO; Wang, D; Youn, D; Martinez-Aviles, M; Francisco, JS. (2011). Three-dimensional model evaluation of the Ozone Depletion Potentials for n-propyl bromide, trichloroethylene and perchloroethylene. Atmos Chem Phys 11: 2371-2380. http://dx.doi.org/10.5194/acp-11-2371-2011.

Xia, ZY; Su, JH, ua; Wong, W, aiY; Wang, L, ei; Cheah, K, okWai; Tian, H, e; Chen, CH. (2010). High performance organic light-emitting diodes based on tetra(methoxy)-containing anthracene derivatives as a hole transport and electron-blocking layer. J Mater Chem 20: 8382-8388. http://dx.doi.org/10.1039/c0jm01297a.

Xiang, C; Chopra, N; Wang, J; Brown, C; Ho, S; Mathai, M; So, F. (2014). Phosphorescent organic light emitting diodes with a cross-linkable hole transporting material. Organic Electronics 15: 1702-1706. http://dx.doi.org/10.1016/j.orgel.2014.03.009.

Xiao, BW; Yao, B; Ma, CS; Liu, SY; Xie, ZY; Wang, LX. (2005). Highly efficient top-emitting organic light-emitting devices with aluminium electrodes. Semiconductor Science and Technology 20: 952-955. http://dx.doi.org/10.1088/0268-1242/20/9/011.

Xiao, G; Lei, P; Chi, H; Lu, Y; Dong, Y, an; Hu, Z; Zhang, Z; Li, X. (2009). Synthesis and luminescence of red, fluorinated iridium (III) complexes containing alkenyl benzothiazole ligand. Synthetic Metals 159: 705-709. http://dx.doi.org/10.1016/j.synthmet.2008.12.019.

Xiao, G; Li, X; Chi, H; Lu, Y; Dong, Y, an; Hu, Z; Yu, J; Kimura, M. (2012). Synthesis and photophysical characterization of orange-emitting iridium(III) complexes containing benzothiazole ligand. Synthetic Metals 162: 497-502. http://dx.doi.org/10.1016/j.synthmet.2012.01.014.

Xiao, H; Ding, L, ei; Ruan, D; Li, B; Ding, N; Ma, D. (2015). tert-Butylated spirobifluorene derivative incorporating triphenylamine groups: A deep-blue emitter with high thermal stability and good hole transport ability for organic light emitting diode applications. Dyes and Pigments 121: 7-12. http://dx.doi.org/10.1016/j.dyepig.2015.03.027.

Xiao, H; Yin, H; Wang, L, ei; Ding, L, ei; Guo, S; Zhang, X; Ma, D. (2012). Synthesis and optoelectronic properties of a series of novel spirobifluorene derivatives starting from the readily available reagent 4,4 '-bisalkylated biphenyl. Organic Electronics 13: 1553-1564. http://dx.doi.org/10.1016/j.orgel.2012.05.002.

Xiao, J; Deng, Z. (2012). A novel white organic electroluminescent device based on a thin LiF interlayer. Synthetic Metals 162: 2016-2019. http://dx.doi.org/10.1016/j.synthmet.2012.09.015.

Xiao, J; Deng, ZB; Liang, CJ; Xu, DH; Xu, Y. (2005). An efficient and bright organic white-light-emitting device. Displays 26: 129-132. http://dx.doi.org/10.1016/j.displa.2005.03.001.

Xie, W; Wu, Z; Liu, S. (2004). Efficient white light emitting using an electron blocker in non-doped type organic electroluminescent devices. Optical and Quantum Electronics 36: 635-640.

Xie, WF; Hou, JY; Liu, SY. (2003). Blue and white organic light-emitting diodes based on 4,4 '-bis(2,2 ' diphenyl vinyl)-1,1 '-biphenyl. Semiconductor Science and Technology 18: L42-L44.

Xie, WF; Liu, SY. (2005). High-efficient non-doped type white organic light-emitting devices using an electron/exciton blocker. Materials Science Forum 475-479: 1799-1803.

Xie, WF; Liu, SY. (2006). Nondoped-type red organic electroluminescent devices based on a 4-(dicyanomethylene)-2-t-butyl-6-(1,1,7,7-tetramethyljulolidyl-9-enyl)-4H-pyran ultrathin layer. Semiconductor Science and Technology 21: 316-319. http://dx.doi.org/10.1088/0268-1242/21/3/020.

Exposure Literature Search Results

Off Topic

Xie, WF; Meng, M; Li, CN; Zhao, Y; Liu, SY. (2005). High-efficiency simple structure white organic light-emitting devices based on rubrene ultrathin layer. Optical and Quantum Electronics 37: 943-948. http://dx.doi.org/10.1007/s11082-005-7678-4.

Xie, WF; Sun, HY; Law, CW; Lee, CS; Lee, ST; Liu, SY. (2006). High-contrast and high-efficiency top-emitting organic light-emitting devices. Applied Physics A: Materials Science and Processing 85: 95-97. http://dx.doi.org/10.1007/s00339-006-3662-5.

Xie, WF; Wu, ZJ; Hu, W; Zhao, Y; Li, CN; Liu, SY. (2005). Low-voltage top-emitting organic light-emitting devices with an organic double-heterojunction structure. Semiconductor Science and Technology 20: 443-445. http://dx.doi.org/10.1088/0268-1242/20/5/020.

Xie, WF; Zhang, LT; Liu, SY. (2004). Modification of the electrodes of organic light-emitting devices using the SnO2 ultrathin layer. Semiconductor Science and Technology 19: 380-383. http://dx.doi.org/10.1088/0268-1242/19/3/014.

Xie, WF; Zhao, Y; Li, CA; Liu, SY. (2005). High colour rendering index non-doped-type white organic light-emitting devices with a RGB-stacked multilayer structure. Semiconductor Science and Technology 20: L57-L60. http://dx.doi.org/10.1088/0268-1242/20/12/L02.

Xie, WF; Zhao, Y; Li, CN; Liu, SY. (2005). High-efficiency electrophosphorescent white organic light-emitting devices with a double-doped emissive layer. Semiconductor Science and Technology 20: 326-329. http://dx.doi.org/10.1088/0268-1242/20/3/013.

Xie, ZY; Li, YQ; Wong, FL; Hung, LS. (2004). Fabrication of flexible organic top-emitting devices on steel foil substrates. Mater Sci Eng B 106: 219-223. http://dx.doi.org/10.1016/S0921-5107(03)00313-1.

Xin, H; Shi, M; Zhang, XM; Li, FY; Bian, ZQ; Ibrahim, K; Liu, FQ; Huang, CH. (2003). Carrier-transport, photoluminescence, and electroluminescence properties comparison of a series of terbium complexes with different structures. Chem Mater 15: 3728-3733. http://dx.doi.org/10.1021/cm0344414.

Xin, Q; Tao, X, uT; Wang, F, uZhi; Sun, JL; Zou, D, eC; Wang, F, aJun; Liu, H, uiJun; Liu, Z, hi; Ren, Y, an; Jiang, M, inHua. (2008). Fluorene-based Troger's base analogues: Potential electroluminescent materials. Organic Electronics 9: 1076-1086. http://dx.doi.org/10.1016/j.orgel.2008.08.013.

Xin, QQ; Huang, Y; Li, J; Zhang, WJ; Yu, T; Wang, H; Zhang, C; Ye, DQ; Huang, F. (2010). Apoptosis contributes to testicular toxicity induced by two isomers of bromopropanes. Toxicol Ind Health 26: 513-524. http://dx.doi.org/10.1177/0748233710373083.

Xing, X; Xiao, L; Zheng, L; Hu, S; Chen, Z; Qu, B, o; Gong, Q. (2012). Spirobifluorene derivative: a pure blue emitter (CIEy approximate to 0.08) with high efficiency and thermal stability. J Mater Chem 22: 15136-15140. http://dx.doi.org/10.1039/c2jm32512h.

Xin-Min, W; Xiao-Lei, J; Yong-Guan, Z; Yan-Lin, H; Tie-Quan, W. (2008). Relationships Between Agronomic and Environmental Soil Test Phosphorus in Three Typical Cultivated Soils in China. Pedosphere 18: 795-800.

Xu, AG; Ran, GZ; Wu, ZL; Ma, GL; Qiao, YP; Xu, YH; Yang, BR; Zhang, BR; Qin, GG. (2006). Effects of resistivity of a p-Si chip on the light-emitting efficiency of a top-emission organic light-emitting diode with the p-Si chip as the anode. 203: 428-434. http://dx.doi.org/10.1002/pssa.200521249.

Xu, D; Deng, Z; Li, X; Lv, Z; Shi, Y; Chen, Z. (2008). White organic light emitting devices with thin 4-(dicyanomethylene)-2-t-butyl-6(1,1,7,7-tetramethyljuloildyl-9-enyl)-4H-pyran (DCJTB) layer. Displays 29: 419-423. http://dx.doi.org/10.1016/j.displa.2008.01.002.

Xu, D; Li, X; Ju, H; Zhu, Y; Deng, Z. (2011). A novel red organic light-emitting diode with ultrathin DCJTB and Rubrene layers. Displays 32: 92-95. http://dx.doi.org/10.1016/j.displa.2011.01.002.

Xu, D; Lou, B; Xu, H; Li, S; Geng, Z. (2013). Isolation and characterization of male-specific DNA markers in the rock bream Oplegnathus fasciatus. Mar Biotechnol 15: 221-229. http://dx.doi.org/10.1007/s10126-012-9480-1.

Xu, DH; Deng, ZB; Xu, Y; Xiao, J; Liang, CJ. (2005). Bright red-to-yellow organic light-emitting devices based on polarization-induced spectral shifts and broadening. Displays 26: 185-189. http://dx.doi.org/10.1016/j.displa.2005.06.006.

Xu, H, ui; Tang, C; Zhai, W, enJ; Liu, R, uiLan; Rong, Z; Fan, Q, uLi; Huang, W, ei. (2014). The study of defect state of 2,7-dipyrenyl-9-phenyl-9-pyrenyl fluorene through admittance spectroscopy. Synthetic Metals 198: 221-224. http://dx.doi.org/10.1016/j.synthmet.2014.10.028.

Xu, H; Xu, B; Fang, X; Yue, Y, an; Chen, L; Wang, H, ua; Hao, Y. (2011). Molecular structure, photoluminescent and electroluminescent properties of bis(2-(4-methyl-2-hydroxyphenyl)benzothiazolate) zinc with excellent electron-transport characteristics. Mater Chem Phys 129: 840-845. http://dx.doi.org/10.1016/j.matchemphys.2011.05.020.

Xu, HF; Luo, J; Wang, HP; Wang, H; Zhang, TY; Tian, HB; Yao, DW; Loor, JJ. (2016). Sterol regulatory element binding protein-1 (SREBP-1)c promoter: Characterization and transcriptional regulation by mature SREBP-1 and liver X receptor α in goat mammary epithelial cells. J Dairy Sci 99: 1595-1604. http://dx.doi.org/10.3168/jds.2015-10353.

Xu, J; Kasha, KJ. (1992). TRANSFER OF A DOMINANT GENE FOR POWDERY MILDEW RESISTANCE AND DNA FROM HORDEUM-BULBOSUM INTO CULTIVATED BARLEY (HORDEUM-VULGARE). Theor Appl Genet 84: 771-777.

Xu, M, in; Yi, C; Yang, CJ; Wang, JH; Liu, Y, anZhu; Xie, B; Gao, X, iCun; Wang, P; Zou, D, eC. (2008). Cyclic arylamines as hole transport materials with high thermal stability for efficient electroluminescence. Thin Solid Films 516: 7720-7726. http://dx.doi.org/10.1016/j.tsf.2008.04.032.

Xu, MS; Xu, JB; An, J. (2005). Visualization of thermally activated morphology evolution of N,N'-di(naphthalene-1-yl)-N,N'-diphthalbenzidine films on ITO/copper phthalocyanine underlying layer. Applied Physics A: Materials Science and Processing 81: 1151-1156. http://dx.doi.org/10.1007/s00339-004-3091-2.

Xue, L; Li, Y; Zou, F; Lu, L; Zhao, Y; Huang, X; Qu, Y. (2012). The catalytic efficiency of lipase in a novel water-in-[Bmim][PF6] microemulsion stabilized by both AOT and Triton X-100. Colloids Surf B Biointerfaces 92: 360-366. http://dx.doi.org/10.1016/j.colsurfb.2011.12.019.

Xue, Q, in; Liu, S; Zhang, S; Chen, P; Zhao, Y, i; Liu, S. (2013). Improved performances of organic light-emitting diodes with mixed layer and metal oxide as anode buffer. Solid-State Electronics 79: 75-78. http://dx.doi.org/10.1016/j.sse.2012.05.066.

Yamagishi, M; Takeuchi, Y; Kono, I; Yano, M. (2002). QTL analysis for panicle characteristics in temperate japonica rice. Euphytica 128: 219-224.

Yan, SQ; Hou, JN; Bai, CY; Jiang, Y; Zhang, XJ; Ren, HL; Sun, BX; Zhao, ZH; Sun, JH. (2014). A base substitution in the donor site of intron 12 of KIT gene is responsible for the dominant white coat colour of blue fox (Alopex lagopus). Anim Genet 45: 293-296. http://dx.doi.org/10.1111/age.12105.

Exposure Literature Search Results

Off Topic

Yanagi, H; Kikuchi, M; Kim, K, iB; Hiramatsu, H; Kamiya, T; Hirano, M; Hosono, H. (2008). Low and small resistance hole-injection barrier for NPB realized by wide-gap p-type degenerate semiconductor, LaCuOSe : Mg. Organic Electronics 9: 890-894. http://dx.doi.org/10.1016/j.orgel.2008.03.004.

Yang, C; Zhang, X; You, H, an; Zhu, L; Chen, L; Zhu, L; Tao, Y; Ma, D; Shuai, Z; Qin, J. (2007). Tuning the energy level and photophysical and electroluminescent properties of heavy metal complexes by controlling the ligation of the metal with the carbon of the carbazole unit. Adv Funct Mater 17: 651-661. http://dx.doi.org/10.1002/adfm.200600663.

Yang, CH; Tai, CC; Sun, IW. (2004). Synthesis of a high-efficiency red phosphorescent emitter for organic light-emitting diodes. J Mater Chem 14: 947-950. http://dx.doi.org/10.1039/b313843g.

Yang, H; Shi, Y; Zhao, Y, i; Meng, Y; Hu, W, ei; Hou, J; Liu, S. (2008). High colour rendering index white organic light-emitting devices with three emitting layers. Displays 29: 327-332. http://dx.doi.org/10.1016/j.displa.2007.10.001.

Yang, H; Zhao, Y, i; Hou, J; Liu, S. (2006). White organic light-emitting devices with non-doped-type structure. Displays 27: 183-186. http://dx.doi.org/10.1016/j.displa.2006.06.003.

Yang, HJ, in; Lee, H, oWon; Lee, SJ, ae; Lee, SE, un; Lee, DH; Koo, J, aR; Yoon, JY; Yoon, SS, oo; Kim, YK. (2014). Performance Improvement of Green Phosphorescent Organic Light Emitting Diodes with Partial Bulk Heterojunctioned Emitting Layer. J Nanosci Nanotechnol 14: 8337-8341. http://dx.doi.org/10.1166/jnn.2014.9910.

Yang, J, inP; Bao, Q, inYe; Xiao, Y, an; Deng, Y, anH; Li, Y, anQ; Lee, ST; Tang, JX, in. (2012). Hybrid intermediate connector for tandem OLEDs with the combination of MoO3-based interlayer and p-type doping. Organic Electronics 13: 2243-2249. http://dx.doi.org/10.1016/j.orgel.2012.06.037.

Yang, J; Li, Y; Duhm, S; Tang, J; Kera, S; Ueno, N. (2014). Molecular Structure-Dependent Charge Injection and Doping Efficiencies of Organic Semiconductors: Impact of Side Chain Substitution. 1. http://dx.doi.org/10.1002/admi.201300128.

Yang, KX; Gao, WB; Zhao, JH; Sun, JX; Lu, SX; Liu, SY. (2002). An efficient and bright organic white-light-emitting device. Synthetic Metals 132: 43-47.

Yang, KX; Huang, JS; Gao, WB; Liu, SY. (2002). Effects of alternate doped structures on organic electroluminescent devices. Thin Solid Films 408: 206-210.

Yang, LY; Chen, XZ; Xu, H; Ye, DQ; Tian, H; Yin, SG. (2008). Surface modification of indium tin oxide anode with self-assembled monolayer modified Ag film for improved OLED device characteristics. Appl Surf Sci 254: 5055-5060. http://dx.doi.org/10.1016/j.apsusc.2008.02.012.

Yang, Q; Hao, Y; Wang, Z; Li, Y; Wang, H, ua; Xu, B. (2012). Double-emission-layer green phosphorescent OLED based on LiF-doped TPBi as electron transport layer for improving efficiency and operational lifetime. Synthetic Metals 162: 398-401. http://dx.doi.org/10.1016/j.synthmet.2011.12.027.

Yang, S, uHua; Chang, W, enKai; Hong, B, oC; Huang, XB, i. (2008). Improving the luminance properties of BGOLED by using hole blocking and energy transfer. J Electrochem Soc 155: J161-J164. http://dx.doi.org/10.1149/1.2899017.

Yang, S, uHua; Hong, B, oC; Hnang, SF. (2009). Influences of Dye Doping and Hole Blocking Layer Insertion on Sky-Blue OLED Performance. J Electrochem Soc 156: J41-J45. http://dx.doi.org/10.1149/1.3054385.

Yang, X; Du, X; Tao, S; Huang, Y, un; Ding, X; Xue, R, ui. (2015). Efficient hole-transporter for phosphorescent organic light emitting diodes with a simple molecular structure. Organic Electronics 26: 481-486. http://dx.doi.org/10.1016/j.orgel.2015.08.011.

Yang, X; Huang, H; Pan, B; Zhuang, S; Aldred, MP; Wang, L, ei; Chen, J; Ma, D. (2012). Novel electron-type host material for unilateral homogeneous phosphorescent organic light-emitting diodes with low efficiency roll-off. J Mater Chem 22: 23129-23135. http://dx.doi.org/10.1039/c2jm33988a.

Yang, Z; Xu, B, in; He, J; Xue, L; Guo, Q; Xia, H; Tian, W. (2009). Solution-processable and thermal-stable triphenylamine-based dendrimers with truxene cores as hole-transporting materials for organic light-emitting devices. Organic Electronics 10: 954-959. http://dx.doi.org/10.1016/j.orgel.2009.04.024.

Yao, Y, iS; Zhou, QX; Wang, X, ueS; Wang, Y, ue; Zhang, B, aoWen. (2006). Fine tuning of the photophysical and electroluminescent properties of DCM-type dyes by changing the structure of the electron-donating group. J Mater Chem 16: 3512-3520. http://dx.doi.org/10.1039/b604563d.

Yates, IC; Satterfield, CN. (1991). INTRINSIC KINETICS OF THE FISCHER-TROPSCH SYNTHESIS ON A COBALT CATALYST. Energy Fuels 5: 168-173.

Ye, H, ua; Zhao, B; Liu, M; Zhou, X; Li, Y; Li, D; Su, S, hiJ; Yang, W, ei; Cao, Y. (2011). Dual-functional conjugated polymers based on trifluoren-2-yl-amine for RGB organic light-emitting diodes. J Mater Chem 21: 17454-17461. http://dx.doi.org/10.1039/c1jm13533c.

Ye, S; Liu, Y; Di, C, an; Xi, H; Wu, W; Wen, Y; Lu, K, un; Du, C; Liu, Y; Yu, G, ui. (2009). Wide-Energy-Gap Host Materials for Blue Phosphorescent Organic Light-Emitting Diodes. Chem Mater 21: 1333-1342. http://dx.doi.org/10.1021/cm8032302.

Yeh, HC; Chan, LH; Wu, WC; Chen, CT. (2004). Non-doped red organic light-emitting diodes. J Mater Chem 14: 1293-1298. http://dx.doi.org/10.1039/b315301k.

Yeh, TS; Chow, TJ; Tsai, SH; Chiu, CW; Zhao, CX. (2006). Electroluminescence of bisindolylmaleimide derivatives containing pentafluorophenyl substituents. Chem Mater 18: 832-839. http://dx.doi.org/10.1021/cm052198y.

Yin, Z; Liu, R, ui; Li, C; Masayuki, T; Liu, C; Jin, X; Zhu, H. (2015). N-1,N-1,N-3,N-3-tetra([1,1 '-biphenyl]-4-yl)-N-5,N-5-diphenylbenzene-1,3,5-triamine: Synthesis, optical properties and application in OLED devices as efficient hole transporting material. Dyes and Pigments 122: 59-65. http://dx.doi.org/10.1016/j.dyepig.2015.06.023.

Yoo, SI, l; Yoon, J, uAn; Kim, N, amHo; Kim, J, inW; Lee, H, oWon; Kim, YK; He, G; Kim, W, ooY. (2015). Efficiency enhancement of blue phosphorescent organic light-emitting diodes using mixed electron transport layer. Optical Materials 39: 21-25. http://dx.doi.org/10.1016/j.optmat.2014.10.051.

Yoon, JA; Kim, YH; Kim, NH; Yoo, SI; Lee, SY; Zhu, FR; Kim, WY. (2014). Highly efficient blue organic light-emitting diodes using quantum well-like multiple emissive layer structure. Nanoscale Res Lett 9: 191. http://dx.doi.org/10.1186/1556-276X-9-191.

Exposure Literature Search Results

Off Topic

Yoon, JY; Na, E; Lee, S; Kim, YK; Yoon, S. (2015). Blue Emitting Materials Based on Naphthylanthracene Derivatives Containing Electron-Withdrawing Fluorobenzenes. J Nanosci Nanotechnol 15: 1628-1631. http://dx.doi.org/10.1166/jnn.2015.9326.

Yoon, JY; Na, E, unJae; Park, S, ooNa; Lee, SJ, ae; Kim, YK; Yoon, SS, oo. (2014). Synthesis and electroluminescent properties of anthracene derivatives containing electron-withdrawing oxide moieties. Materials Research Bulletin 58: 149-152. http://dx.doi.org/10.1016/j.materresbull.2014.03.019.

Yoon, Y; Lee, H; Kim, T; Kim, K; Choi, S; Yoo, HK; Friedman, B; Lee, K. (2013). Post-annealing effect on the interface morphology and current efficiency of organic light-emitting diodes. Solid-State Electronics 79: 45-49. http://dx.doi.org/10.1016/j.sse.2012.07.016.

You, J; Lai, SL, un; Liu, W; Ng, T, szWai; Wang, P; Lee, CS. (2012). Bipolar cyano-substituted pyridine derivatives for applications in organic light-emitting devices. J Mater Chem 22: 8922-8929. http://dx.doi.org/10.1039/c2jm00078d.

Yu, MX; Duan, JP; Lin, CH; Cheng, CH; Tao, YT. (2002). Diaminoanthracene derivatives as high-performance green host electroluminescent materials. Chem Mater 14: 3958-3963. http://dx.doi.org/10.1021/cm020414m.

Yu, SY; Huang, DC; Chen, YL; Wu, KY; Tao, YT. (2012). Approaching charge balance in organic light-emitting diodes by tuning charge injection barriers with mixed monolayers. Langmuir 28: 424-430. http://dx.doi.org/10.1021/la2036423.

Yu, T; Zhang, P; Zhao, Y; Zhang, H, ui; Meng, J; Fan, D. (2009). Synthesis, characterization and high-efficiency blue electroluminescence based on coumarin derivatives of 7-diethylamino-coumarin-3-carboxamide. Organic Electronics 10: 653-660. http://dx.doi.org/10.1016/j.orgel.2009.02.026.

Yu, X; Ichihara, G; Kitoh, J; Xie, Z; Shibata, E; Kamijima, M; Takeuchi, Y. (2001). Neurotoxicity of 2-bromopropane and 1-bromopropane, alternative solvents for chlorofluorocarbons. Environ Res 85: 48-52. http://dx.doi.org/10.1006/enrs.2000.4226.

Yu, XZ; Ichihara, G; Kitoh, J; Xie, ZL; Shibata, E; Kamijima, M; Asaeda, N; Takeuchi, Y. (1998). Preliminary report on the neurotoxicity of 1-bromopropane, an alternative solvent for chlorofluorocarbons. J Occup Health 40: 234-235. http://dx.doi.org/Doi 10.1539/Joh.40.234.

Yu, YH; Huang, CH; Yeh, J, uiM; Huang, PT. (2011). Effect of methyl substituents on the N-diaryl rings of anthracene-9,10-diamine derivatives for OLEDs applications. Organic Electronics 12: 694-702. http://dx.doi.org/10.1016/j.orgel.2011.01.020.

Yuan, H; Wang, QH; Wang, YY; Xie, CM; Xie, KQ; Zhao, XL. (2013). [Effect of docosahexaenoic acid and nervonic acid on the damage of learning and memory abilities in rats induced by 1-bromopropane]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 31: 806-810.

Yuan-yuan, X; Jing, W; Shan-shan, N; Dan-qiong, H; Yan, W; Liang, X; Rong-hua, W; Xiao-bo, L; Li-wang, L. (2016). Isolation and molecular characterization of the FLOWERING LOCUS C gene promoter sequence in radish (Raphanus sativus L). 15: 763-774. http://dx.doi.org/10.1016/S2095-3119(15)61295-3.

Yue, H, ao; Yan, C; Tu, F; Yang, C; Ma, W; Fan, Z; Song, Z; Owens, J; Liu, S; Zhang, X. (2015). Two novel mitogenomes of Dipodidae species and phylogeny of Rodentia inferred from the complete mitogenomes. Biochemical Systematics and Ecology 60: 123-130. http://dx.doi.org/10.1016/j.bse.2015.04.013.

Yuying, H; Junfeng, L; Xiaohong, F; Wenhao, F; Bingshe, X. (2010). Theoretical studies on geometrical and electronic structure of electroplex at the NPB/PBD interface in organic light-emitting diodes. Curr Appl Phys 10: 744-748. http://dx.doi.org/10.1016/j.cap.2009.09.008.

Zapletal, P; Balejko, J; Adamczyk, K; Maj, D; Ochrem, A. (2012). Mechanical Properties of Leather from Crossbreed Kid from White Goats Upgraded by Bucks of Boer and Nubian Breeds. Journal of the Society of Leather Technologists and Chemists 96: 45-47.

Zeljezic, D; Bjelis, M; Mladinic, M. (2015). Evaluation of the mechanism of nucleoplasmic bridge formation due to premature telomere shortening in agricultural workers exposed to mixed pesticides: indication for further studies. Chemosphere 120: 45-51. http://dx.doi.org/10.1016/j.chemosphere.2014.05.085.

Zennaro, R; Tagliabue, M; Bartholomew, CH. (2000). Kinetics of Fischer-Tropsch synthesis on titania-supported cobalt. Catalysis Today 58: 309-319.

Zhai, J; Sheng, T; He, J; Chen, W; Zheng, W. (2011). Efficiently Acquiring Communication Traces for Large-Scale Parallel Applications. I E E E Transactions on Parallel and Distributed Systems 22: 1862-1870. http://dx.doi.org/10.1109/TPDS.2011.49.

Zhang, C; Daifuku, SL; Neidig, ML; Marchetti, AP. (2016). Resident holes and electrons at organic/conductor and organic/organic interfaces: An electron paramagnetic resonance investigation. Organic Electronics 37: 379-385. http://dx.doi.org/10.1016/j.orgel.2016.07.001.

Zhang, F; Petr, A; Kirbach, U; Dunsch, L. (2003). Improved hole injection and performance of multilayer OLED devices via electrochemically prepared-polybithiophene layers. J Mater Chem 13: 265-267. http://dx.doi.org/10.1039/b208482c.

Zhang, F; Xu, Z; Zhao, S; Zhao, D; Yuan, G; Cheng, Z. (2008). Improved performance of organic light emitting diodes by pentacene as hole transporting layer. Appl Surf Sci 255: 1942-1945. http://dx.doi.org/10.1016/j.apsusc.2008.06.166.

Zhang, F; Zhang, J; Tong, C; Chen, Y; Zhuang, S; Liu, W. (2013). Molecular interactions of benzophenone UV filters with human serum albumin revealed by spectroscopic techniques and molecular modeling. J Hazard Mater 263 Pt 2: 618-626. http://dx.doi.org/10.1016/j.jhazmat.2013.10.024.

Zhang, G; Tian, X; Zhao, L; Wang, J, in; Jiang, W; Zhang, X; Dong, W; Gao, Y. (2015). Effects of DMPPP layer thickness on the performance of deep blue organic light emitting devices. Journal of Materials Science: Materials in Electronics 26: 1004-1008. http://dx.doi.org/10.1007/s10854-014-2496-8.

Zhang, G; Wu, FI, y; Jiang, X; Sun, P; Cheng, CH. (2010). Iridium(III) complexes with cyclometalated styrylbenzoimidazole ligands: Synthesis, electrochemistry and as highly efficient emitters for organic light-emitting diodes. Synthetic Metals 160: 1906-1911. http://dx.doi.org/10.1016/j.synthmet.2010.07.008.

Zhang, GL; Guo, HQ; Chuai, Y; Zou, DC. (2005). Synthesis and luminescence of a new phosphorescent iridium(III) pyrazine complex. Mater Lett 59: 3002-3006. http://dx.doi.org/10.1016/j.matlet.2005.05.004.

Zhang, H; Dai, Y; You, H, an; Ma, D. (2007). Color tunable high efficiency microcavity organic light-emitting diodes. Optical and Quantum Electronics 39: 1319-1327. http://dx.doi.org/10.1007/s11082-008-9212-y.

Zhang, H; You, H, an; Shi, J; Wang, W, ei; Guo, S; Liu, M; Ma, D. (2006). Microcavity effects on emissive color and electroluminescent performance in organic light-emitting diodes. Synthetic Metals 156: 954-957. http://dx.doi.org/10.1016/j.synthmet.2006.06.008.

Exposure Literature Search Results

Off Topic

Zhang, H, ui; Yu, T; Zhao, Y; Fan, D; Xia, Y; Zhang, P. (2010). Synthesis, crystal structure, photo- and electro-luminescence of 3-(4-(anthracen-10-yl)phenyl)-7-(N,N '-diethylamino)coumarin. Synthetic Metals 160: 1642-1647. http://dx.doi.org/10.1016/j.synthmet.2010.05.034.

Zhang, HM; Choy, WCH; Li, K. (2010). Blue Organic LEDs With Improved Power Efficiency. I E E E Transactions on Electron Devices 57: 125-128. http://dx.doi.org/10.1109/TED.2009.2033641.

Zhang, J; Yang, F; Zheng, Y; Wei, B, in; Zhang, X; Zhang, J; Wang, Z; Pu, W; Yang, C. (2015). Effective exciton blocking by the hole-transporting material 5,10,15-tribenzyl-5H-diindolo[3,2-a:3 ',2 '-c]-carbazole (TBDI) in the tetraphenyldibenzoperiflanthene (DBP) based organic photovoltaic cells. Appl Surf Sci 357: 1281-1288. http://dx.doi.org/10.1016/j.apsusc.2015.09.144.

Zhang, L; Zu, FS; Deng, YL; Igbari, F; Wang, ZK; Liao, LS. (2015). Origin of Enhanced Hole Injection in Organic Light-Emitting Diodes with an Electron-Acceptor Doping Layer: p-Type Doping or Interfacial Diffusion? 7: 11965-11971. http://dx.doi.org/10.1021/acsami.5b01989.

Zhang, Q; Chen, JS; Cheng, YX; Wang, LX; Ma, DG; Jing, XB; Wang, FS. (2004). Novel hole-transporting materials based on 1,4-bis(carbazolyl)benzene for organic light-emitting devices. J Mater Chem 14: 895-900. http://dx.doi.org/10.1039/b309630k.

Zhang, Q; Zheng, RZ; Zhang, ZH; Yang, LS; Wang, H; Ning, H; Huang, F. (2013). [Effects of bromopropane exposure on expression of DNA methyltransferases and level of histone acetylation in testis of male rats]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 31: 92-95.

Zhang, T; Sun, H; Qin, X; Wu, Q; Zhang, Y; Ma, J; Kannan, K. (2013). Benzophenone-type UV filters in urine and blood from children, adults, and pregnant women in China: partitioning between blood and urine as well as maternal and fetal cord blood. Sci Total Environ 461-462: 49-55. http://dx.doi.org/10.1016/j.scitotenv.2013.04.074.

Zhang, W; He, Z; Wang, Y; Zhao, S. (2011). Multifunctional electroluminescent material based on dimesitylboron and alpha-naphthylamino fluorene bridge. Synthetic Metals 161: 2323-2328. http://dx.doi.org/10.1016/j.synthmet.2011.08.042.

Zhang, W; Wu, Z; Zhang, X; Liang, S; Jiao, B; Hou, X. (2010). Influence of driving mode on the operation stability of organic light-emitting diodes. Optoelectronics and Advanced Materials Rapid Communications 4: 1379-1383.

Zhang, X; Mo, B; You, F; Liu, L; Wang, H; Wei, B, in. (2015). Highly-efficient low-voltage organic light-emitting diode by controlling hole transporting with doped dual hole-transport layer and the impedance spectroscopy analysis. Synthetic Metals 205: 134-138. http://dx.doi.org/10.1016/j.synthmet.2015.04.001.

Zhang, X; Wei, F; Liu, X; Zhu, W; Jiang, X; Zhang, Z. (2007). Obtaining high-efficiency red electrophosphorescent OLEDs by changing the thickness of light-emitting layer. Displays 28: 150-153. http://dx.doi.org/10.1016/j.displa.2007.06.001.

Zhang, X; Wu, Z; Jiao, B, o; Wang, D; Wang, D; Hou, X, un. (2012). White organic light-emitting devices with a solution-processed small molecular emission layer. Displays 33: 129-132. http://dx.doi.org/10.1016/j.displa.2012.03.004.

Zhang, XW, en; Mo, BJ, ie; Liu, L, iM; Wang, HH; Chang, D, anT; Xu, J, iWen; Wang, H, ua; Wei, B, in. (2014). Blue organic light-emitting diodes with 2-methyl-9,10-bis(naphthalen-2-yl)anthracene as hole transport and emitting layer and the impedance spectroscopy analysis. Curr Appl Phys 14: 1460-1464. http://dx.doi.org/10.1016/j.cap.2014.08.021.

Zhang, Y, e; Hao, Y; Meng, W; Xu, H; Wang, H, ua; Xu, B. (2012). The characterization of electroplex generated from the interface between 2-(4-trifluoromethyl-2-hydroxyphenyl)benzothiazole] zinc and N,N'-diphenyl-N,N'- bis(1-naphthyl)-(1,1'-biphenyl)-4,4'-diamine. Applied Physics A: Materials Science and Processing 106: 709-715. http://dx.doi.org/10.1007/s00339-011-6677-5.

Zhang, Z; Wang, Q, i; Dai, Y; Liu, Y; Wang, L; Ma, D. (2009). High efficiency fluorescent white organic light-emitting diodes with red, green and blue separately monochromatic emission layers. Organic Electronics 10: 491-495. http://dx.doi.org/10.1016/j.orgel.2009.02.006.

Zhang, ZF; Deng, ZB; Liang, CJ; Zhang, MX; Xu, DH. (2003). Organic light-emitting diodes with a nanostructured TiO2 layer at the interface between ITO and NPB layers. Displays 24: 231-234. http://dx.doi.org/10.1016/j.displa.2004.01.010.

Zhang, ZL; Jiang, XY; Xu, SH. (2000). Energy transfer and white emitting organic thin film electroluminescence. Thin Solid Films 363: 61-63.

Zhao, D; Song, S; Zhang, F; Xu, C; Xu, Z; Sun, X. (2008). The effect of organic multi-layer periodic structure on carrier balance based on OLEDs. Displays 29: 408-411. http://dx.doi.org/10.1016/j.displa.2007.12.003.

Zhao, D, eWei; Xu, Z; Zhang, F, uJun; Song, S, huF; Zhao, S, uL; Wang, Y; Yuan, GC, ai; Zhang, Y, anFei; Xu, HH, ua. (2007). The effect of electric field strength on electroplex emission at the interface of NPB/PBD organic light-emitting diodes. Appl Surf Sci 253: 4025-4028. http://dx.doi.org/10.1016/j.apsusc.2006.08.046.

Zhao, D; Zhang, F; Xu, C; Sun, J; Song, S; Xu, Z; Sun, X. (2008). Exciplex emission in the blend of two blue luminescent materials. Appl Surf Sci 254: 3548-3552. http://dx.doi.org/10.1016/j.apsusc.2007.11.049.

Zhao, DW; Zhang, FJ; Song, SF; Xu, C; Xu, Z. (2007). The influence of exciton behavior on luminescent characteristics of organic light-emitting diodes. Appl Surf Sci 253: 7412-7415. http://dx.doi.org/10.1016/j.apsusc.2007.03.044.

Zhao, LX; Kim, EK; Lim, HT; Moon, YS; Kim, NH; Kim, TH; Choi, H; Chae, W; Jeong, TC; Lee, ES. (2002). Synthesis, characterization and in vtro identification of N7-guanine adduct of 2-bromopropane. Arch Pharm Res 25: 39-44.

Zhao, P; Zhu, X; Chen, J; Ma, D; Huang, W, ei. (2006). Highly efficient red electroluminescence induced by efficient electron injection and exciton confinement. Synthetic Metals 156: 763-768. http://dx.doi.org/10.1016/j.synthmet.2005.12.024.

Zhao, W, u; Yang, Z; Jiao, B, o; Wu, Z. (2015). Organic alternating current electroluminescence device based on 4,4 '-bis(N-phenyl-1-naphthylamino) biphenyl/1,4,5,8,9,11-hexaazatriphenylene charge generation unit. Organic Electronics 17: 44-50. http://dx.doi.org/10.1016/j.orgel.2014.11.018.

Zhao, WY; Aoki, K; Xie, TX; Misumi, J. (1999). Electrophysiological changes induced by different doses of 1-bromopropane and 2-bromopropane. J Occup Health 41: 1-7. http://dx.doi.org/10.1539/joh.41.1.

Zhao, X; Onteru, SK; Piripi, S; Thompson, KG; Blair, HT; Garrick, DJ; Rothschild, MF. (2012). In a shake of a lamb's tail: using genomics to unravel a cause of chondrodysplasia in Texel sheep. Anim Genet 43 Suppl 1: 9-18. http://dx.doi.org/10.1111/j.1365-2052.2011.02304.x.

Zhao, Z; Chan, CYK; Chen, S; Deng, C; Lam, JWY; Jim, CKW; Hong, Y; Lu, P; Chang, Z; Chen, X; Lu, P; Kwok, H, oiS; Qiu, H; Tang, B, enZ. (2012). Using tetraphenylethene and carbazole to create efficient luminophores with aggregation-induced emission, high thermal stability, and good hole-transporting property. J Mater Chem 22: 4527-4534. http://dx.doi.org/10.1039/c2jm14914a.

Exposure Literature Search Results

Off Topic

Zheng, XY; Zhu, WQ; Wu, YZ; Jiang, XY; Sun, RG; Zhang, ZL; Xu, SH. (2003). A white OLED based on DPVBi blue light emitting host and DCJTB red dopant. Displays 24: 121-124. http://dx.doi.org/10.1016/j.displa.2003.09.004.

Zhiguo, S; Guangzhi, J. (2011). Organic Light Emitting Diodes with p-Si Anodes and Semitransparent Ce/Au Cathodes. Journal of Wuhan University of Technology--Materials Science Edition 26: 208-211. http://dx.doi.org/10.1007/s11595-011-0198-0.

Zhou, DY; Shi, XB, o; Liu, Y; Gao, CH; Wang, K, un; Liao, LS. (2014). Role of hole injection layer in intermediate connector of tandem organic light-emitting devices. Organic Electronics 15: 3694-3701. http://dx.doi.org/10.1016/j.orgel.2014.10.015.

Zhou, G; Wang, Q, i; Wang, X; Ho, CL, am; Wong, W, aiY; Ma, D; Wang, L; Lin, Z. (2010). Metallophosphors of platinum with distinct main-group elements: a versatile approach towards color tuning and white-light emission with superior efficiency/color quality/brightness trade-offs. J Mater Chem 20: 7472-7484. http://dx.doi.org/10.1039/c0jm01159b.

Zhou, WQ; Zhao, XQ; Wang, YJ. (2003). Study on Pb-Zn double oxide for synthesis of diphenyl carbonate by transesterification. Chinese journal of catalysis 24: 760-764.

Zhou, YC; Zhou, J; Zhao, JM; Zhang, ST; Zhan, YQ; Wang, XZ; Wu, Y; Ding, XM; Hou, XY. (2006). Optimal thickness of hole transport layer in doped OLEDs. Applied Physics A: Materials Science and Processing 83: 465-468. http://dx.doi.org/10.1007/s00339-006-3575-3.

Zhu, HL; Choy, WCH; Sha, W, eiEI; Ren, X. (2014). Photovoltaic Mode Ultraviolet Organic Photodetectors with High On/Off Ratio and Fast Response. 2: 1082-1089. http://dx.doi.org/10.1002/adom.201400227.

Zhu, L, u; Dai, Q; Hu, Z, uofu; Zhang, X, iQ; Wang, YS. (2011). Organic Deep Ultraviolet Photodetector With Response Peak Focusing on 270 nm Using the Acceptor BAlq. I E E E Photonics Technology Letters 23: 1835-1837. http://dx.doi.org/10.1109/LPT.2011.2170192.

Zhu, XF; Zhang, H, aiP; Hu, MJ; Wu, ZY, un; Jiang, H, ao; Cao, J, iaJia; Xia, XC; Ma, CX, i; Chang, C. (2016). Cloning and characterization of Tabas1-B1 gene associated with flag leaf chlorophyll content and thousand-grain weight and development of a gene-specific marker in wheat. Molecular Breeding 36. http://dx.doi.org/10.1007/s11032-016-0563-y.

Zou, Y, e; Deng, Z; Xu, D; Xiao, J; Zhou, M; Du, H; Wang, Y. (2012). Enhanced performance in organic light-emitting diode by utilizing MoO3-doped C-60 as effective hole injection layer. Synthetic Metals 161: 2628-2631. http://dx.doi.org/10.1016/j.synthmet.2011.08.026.

Zou, Y; Ye, T; Ma, D; Qin, J; Yang, C. (2012). Star-shaped hexakis(9,9-dihexyl-9H-fluoren-2-yl)benzene end-capped with carbazole and diphenylamine units: solution-processable, high T-g hole-transporting materials for organic light-emitting devices. J Mater Chem 22: 23485-23491. http://dx.doi.org/10.1039/c2jm35618j.

Environmental Hazard Literature Search Results

On Topic

Barnsley, EAG, T. H. Young, L. (1966). Biochemical studies of toxic agents. The metabolism of 1- and 2-bromopropane in rats. Biochem J 100: 282-288.

Committee, BS. (1999). Support: Letter from Brominated Solvents Committee to US EPA Reporting Results From an Unaudited Draft Report for Definitive Developmental Study in Rats with 1-Bromopropane, Dated 030999. EPA/OTS 05592141p. 441.

Garner, CES, C. Sumner, S. C. Burgess, J. Davis, J. Etheridge, A. Parham, A. Ghanayem, B. I. (2007). CYP2E1-catalyzed oxidation contributes to the sperm toxicity of 1-bromopropane in mice. Biol Reprod 76: 496-505. http://dx.doi.org/10.1095/biolreprod.106.055004.

Geiger, DLC, D. J. Brooke, L. T. (1988). Acute toxicities of organic chemicals to fathead minnows (Pimephales promelas): volume IV (pp. 355 p. (PUBL IN PART AS ECOREF 2721)). AQUA.

Ghanayem, BIH, U. (2007). Investigation of xenobiotics metabolism, genotoxicity, and carcinogenicity using Cyp2e1(-/-) mice [Review]. Curr Drug Metab 8: 728-749.

Guo, YY, H. Jiang, L. Yang, J. Zeng, T. Xie, K. Zhang, C. Zhao, X. (2015). Involvement of decreased neuroglobin protein level in cognitive dysfunction induced by 1-bromopropane in rats. Brain Res 1600: 1-16. http://dx.doi.org/10.1016/j.brainres.2014.12.046.

Honma, TS, M. Miyagawa, M. (2003). Inhalation of 1-bromopropane causes excitation in the central nervous system of male F344 rats. Neurotoxicology 24: 563-575. http://dx.doi.org/10.1016/S0161-813X(03)00049-4.

Ichihara, GI, G. Huang, F. Ichihiara, S. Kitagawa, E. Mizugami, S. Iwahashi, H. Mari, I. Junzho, K. (2012). Susceptibility to 1-bromopropane exposure and gene expression in two rat strains [Abstract]. Toxicol Lett 211: S193. http://dx.doi.org/10.1016/j.toxlet.2012.03.695.

Ichihara, YT, E. Shibai, A.J. (1998). Support: Letter From [] to US EPA Reporting Toxicity Testing (Follow-Up to Previous Submission) of 1-Propyl Bromide, with Attachments and Dated 5/11/1998 (Sanitized). EPA/OTS 05592141p. 14.

Miller, LP. (1935). Further Experiments on the Effect of Halogenated Aliphatic Compounds on the Respiration of Potato Tubers. 7: 1-17.

Ohtani, KV, M. Kobayashi, K. (2016). The Evaluation of Morphological Effect on Sperm in the 1-Bromopropane-Given Rat by Utilizing Dark Field Image. 258: S86-S87.

Poirier, LAM, K.E. Helmes, C.T. (1977). Organo Bromides Iodides And Fluorides Class Study with Cover Letter Dated 07/01/81. EPA/OTS 0523797 8134106: #40-8134106.

Roark, RCC, R. T. (1929). Tests of Various Aliphatic Compounds as Fumigants. 52 p.

Saito-Suzuki, RT, S. Shirasu, Y. (1982). Dominant lethal studies in rats with 1,2-dibromo-3-chloropropane and its structurally related compounds. Mutat Res Genet Toxicol 101: 321-327. http://dx.doi.org/10.1016/0165-1218(82)90125-2.

Xin, QQH, Y. Li, J. Zhang, W. J. Yu, T. Wang, H. Zhang, C. Ye, D. Q. Huang, F. (2010). Apoptosis contributes to testicular toxicity induced by two isomers of bromopropanes. Toxicol Ind Health 26: 513-524. http://dx.doi.org/10.1177/0748233710373083.

Xu, Y; Wang, S; Jiang, L; Wang, H; Yang, Y; Li, M; Wang, X; Zhao, X; Xie, K. (2016). Identify Melatonin as a Novel Therapeutic Reagent in the Treatment of 1-Bromopropane(1-BP) Intoxication. Medicine (Baltimore) 95: e2203. http://dx.doi.org/10.1097/MD.0000000000002203.

Environmental Hazard Literature Search Results

On Topic

Yu, WJK, J. C. Chung, M. K. (2008). Lack of dominant lethality in mice following 1-bromopropane treatment. Mutat Res Genet Toxicol Environ Mutagen 652: 81-87. http://dx.doi.org/10.1016/j.mrgentox.2008.01.001.

Environmental Hazard Literature Search Results

Off Topic

Anonymous. (1996). INITIAL SUBMISSION: LETTER FROM [ ] TO USEPA REGARDING A PRELIMINARY INHALATION STUDY ON N-PROPYL BROMIDE IN RATS, DATED 04/04/96 (SANITIZED). EPA/OTS.

Anonymous. (1996). SUPPORT: LETTER FROM [ ] TO USEPA REGARDING A 28-DAY REPEATED DOSE INHALATION STUDY IN RATS WITH N-PROPYL BROMIDE, DATED 06/04/96 (SANITIZED). EPA/OTS.

Anonymous. (1997). INITIAL SUBMISSION: IN VITRO MAMMALIAN CELL GENE MUTATION TEST IN L5178Y TK+/- MOUSE LYMPHOMA CELLS OF N-PROPYL BROMIDE, WITH COVER LETTER DATED 7/28/1997. EPA/OTS.

Anonymous. (1997). INITIAL SUBMISSION: LTR FR [] TO USEPA RE NEUROLOGIC EFFECTS WITH SUBCHRONIC INHALATION EXPOSURE TO 1-BROMOPROPANE IN WISTAR RATS WITH ATTACHMENTS, DATED 12/22/1997 (SANITIZED). EPA/OTS.

Anonymous. (1998). INITIAL SUBMISSION: LTR FR BROM'D SOLV COMM TO USEPA RE RANGE-FINDING DEVEL/REPROD TOX STUDY IN RATS VIA WHOLE-BODY INHALATION EXPOS W/1-BROMOPROPANE, W/ATTCHMTS & DATED 12/23/98. EPA/OTS.

Anonymous. (1999). SUPPORT: A RANGE-FINDING DEVELOPMENTAL/REPRODUCTIVE TOXICITY STUDY OF 1-BROMOPROPANE IN RATS VIA WHOLE BODY INHALATION EXPOSURE, WITH COVER LETTER DATED 071699. EPA/OTS.

Anonymous. (2000). INITIAL SUBMISSION: LTR FR GREAT LAKES CHEM CORP TO USEPA RE IN VITRO MAMMALIAN CELL GENE MUTATION TEST (L5178Y/TK+- MOUSE LYMPHOMA ASSAY) W/1-BROMOPROPANE, DT'D 6/6/00 (SANITIZED). EPA/OTS.

Anonymous. (2001). SUPPORT: LTR FROM BROMINATED SOLVENTS COMM TO USEPA, FOLLOW-UP SUBM FROM AUDITED FINAL REPORT OF 2-GEN REPRODUCTIVE STUDY IN RATS OF INHALED 1-BROMOPROPANE EXPOSURE, DATED 6/21/01. EPA/OTS.

Apers, DJ; Capron, PC. (1956). Activity ratios of the Br80 isomers, studied by means of an alumina adsorption process. Journal of Inorganic and Nuclear Chemistry 2: 219-222.

Arnold, C. (2016). The Right Tools for the Job Evaluating Frameworks for Chemical Alternatives Assessment. Environ Health Perspect 124: A58-A58.

Belkin, S. (1992). BIODEGRADATION OF HALOALKANES. International Workshop On The Use Of Microorganisms To Combat Pollution, Israel, May 3: 299-313.

Bergeson, LL. (2013). 2013 Chemical Assessment List Released. Pollution Engineering 45: 16.

Bhat, B; Heber't, N; Marcusson, EG; Dean, NM; Bennett, CF; Manoharan, M. (1999). Synthesis of fluorescent cationic lipids for evaluation of cellular pathways and delivery mechanisms of antisense oligonucleotides. Nucleosides Nucleotides & Nucleic Acids 18: 1727-1728.

Blaha, L; Damborsky, J; Nemec, M. (1998). QSAR for acute toxicity of saturated and unsaturated halogenated aliphatic compounds. Chemosphere 36: 1345-1365.

Boekelheide, K; Darney, SP; Daston, GP; David, RM; Luderer, U; Olshan, AF; Sanderson, WT; Willhite, CC; Woskie, S. (2004). NTP-CERHR Expert Panel Report on the reproductive and developmental toxicity of 2-bromopropane. Reprod Toxicol 18: 189-217.

Ceccon, A. (1974). Side-chain reactions in Ï€-chromium tricarbonyl-complexed arenes V. Elimination from (1-phenyl-1-chloropropane)-, (1-phenyl-2-propyl bromide)- and (1-phenyl-2-propyl tosylate)-chromium tricarbonyl induced by halide ions in acetone. Journal of Organometallic Chemistry 72: 189-195.

Ceccon, A; Catelani, G. (1974). Side-chain reactions in Ï€-chromium tricarbonyl-complexed arenes IV. Solvent and deuterium isotope effects in E2 reactions of some 2-phenylethyl and 1-phenyl-2-propyl derivatives. Journal of Organometallic Chemistry 72: 179-188.

Chang, SC; Shubkin, RL. (1999). New normal-propyl bromide based cleaning technology for the electronics industry. Circuit World 25: 17-21.

Cowan, DSM; McClelland, RA; Rauth, AM. (1995). Isolation and characterization of a cell line resistant to 5-[3-(2-nitro-1-imidazoyl)-propyl]-phenanthridinium bromide (2-NLP-3), a DNA-intercalating hypoxic cell radiosensitizer and cytotoxin. Biochem Pharmacol 50: 61-68.

Creasy, WR. (1986). CROSSED BEAM STUDIES OF LITHIUM CATION REACTIONS AND THEIR STATISTICAL MODELLING (TERT-BUTYL ALCOHOL, ISO-PROPYL CHLORIDE, N-PROPYL CHLORIDE, RRKM THEORY, PHASE SPACE THEORY). PhD Dissertation, University of Rochester322 p.

Davies, SG; Huckvale, R; Lorkin, TJA; Roberts, PM; Thomson, JE. (2011). Concise, efficient and highly selective asymmetric synthesis of (+)-(3S,4R)-cisapride. Tetrahedron: Asymmetry 22: 1591-1593.

Dey, M; Kunz, RC; Lyons, DM; Ragsdale, SW. (2007). Characterization of alkyl-nickel adducts generated by reaction of methyl-coenzyme M reductase with brominated acids. Biochemistry 46: 11969-11978.

Drabowicz, J; Dudzinski, B; Mikolajczyk, M; Wang, F; Dehlavi, A; Goring, J; Park, M; Rizzo, CJ; Polavarapu, PL; Biscarini, P; Wieczorek, MW; Majzner, WR. (2001). Absolute configuration, predominant conformations, and vibrational circular dichroism spectra of enantiomers of n-butyl tert-butyl sulfoxide. J Org Chem 66: 1122-1129.

Dunn, WJ, III; Emery, SL; Glen, WG; Scott, DR. (1989). Preprocessing, variable selection, and classification rules in the application of SIMCA pattern recognition to mass spectral data. Environ Sci Technol 23: 1499-1505.

Durig, JR; Zhu, X; Shen, S. (2001). Conformational and structural studies of 1-chloropropane and 1-bromopropane from temperature-dependant FT-IR spectra of rare gas solutions and ab initio calculations. Journal of Molecular Structure 570: 1-23.

Ebrahimi, M; Huang, K; Lu, XK; McNab, IR; Polanyi, JC; Wagar, Z; Yang, JSY; Lin, HP; Hofer, WA. (2011). Facile Charge-Displacement at Silicon Gives Spaced-out Reaction. J Am Chem Soc 133: 16560-16565.

Eriksson, L; Jonsson, J; Berglind, R. (1993). External validation of a QSAR for the acute toxicity of halogenated aliphatic hydrocarbons. Environ Toxicol Chem 12: 1185-1191.

Environmental Hazard Literature Search Results

Off Topic

Eriksson, L; Jonsson, J; Hellberg, S; Lindgren, F; Skagerberg, B; Sjostrom, M; Wold, S; Berglind, R. (1990). A Strategy for Ranking Environmentally Occurring Chemicals: Part III. Multivariate Quantitative Structure-Activity Relationships for Halogenated Aliphatics. Environ Toxicol Chem 9: 1339-1351.

Freeman, JA; Johnson, JV; Yost, RA; Kuehl, DW. (1994). GAS-PHASE ION-MOLECULE REACTIONS A MODEL FOR THE DETERMINATION OF BIOLOGICALLY REACTIVE ELECTROPHILIC CONTAMINANTS IN THE ENVIRONMENT. Anal Chem 66: 1902-1910.

Giampaolo, C; Gray, AT; Olshen, RA; Szabo, S. (1991). Predicting chemically induced duodenal ulcer and adrenal necrosis with classification trees. Proc Natl Acad Sci U S A 88: 6298-6302.

Gomes, RF; Nunes, J; Marques, M. (2016). Synthesis and characterization of biomarkers of exposure to 1-bromopropane. Toxicol Lett 258, Supplement: S80.

Gunatilleka, AD; Poole, CF. (1999). Models for estimating the non-specific aquatic toxicity of organic compounds. Analytical Communications 36: 235-242.

Habibi, MH; Sams, LC. (1981). Perfluoro-n-propylbromine(V) tetrafluoride. Journal of Fluorine Chemistry 18: 277-280.

Han, EH; Hwang, YP; Lee, KJ; Jeong, TC; Jeong, HG. (2008). 1-Bromopropane induces macrophage activation via extracellular signal-regulated kinase 1/2 MAPK and NF-kappa B pathways. Cancer Lett 262: 28-36.

Hannig, F; Kehr, G; FrÃ¶hlich, R; Erker, G. (2005). Formation of chiral ionic liquids and imidazol-2-ylidene metal complexes from the proteinogenic aminoacid l-histidine. Journal of Organometallic Chemistry 690: 5959-5972.

Hartley, FR; Murray, SG; Potter, DM; Chipperfield, JR. (1986). The oxidative addition of 1-haloalkanes to monomeric trans-[Rh(X(CO)(PR3)2] (X î—» Cl, Br; R î—» aryl) and dimeric trans-[Rh(Î¼-X)(CO)(PPh3)]2 (Xî—»Cl, I). Journal of Organometallic Chemistry 306: 133-138.

Herrinton, PM. (1984). FURANS AS TERMINATORS IN CATIONIC CYCLIZATIONS. PhD Dissertation, Michigan State University100 p.

Hess, FK. (1963). An approach to the synthesis of Lycopodium alkaloids. PhD Dissertation, University of Ottawa (Canada)127 p.

Huang, K. (2011). Reaction Dynamics of Alkyl Bromides at Silicon; Experiment and Theory. PhD Dissertation, University of Toronto (Canada)114 p.

Huang, YH; Torres, MC; Iden, CR; Johnson, F. (2003). Regioselective synthesis of 1,N(2)-etheno-2 '-deoxyguanosine and its generation in oligonteric DNA. Chem Res Toxicol 16: 708-714.

Hughes, TJ; Sparacino, CM; Castillo, NP; Warner, JR; Rawn, CA; Pietarinen, C. (1991). DEVELOPMENT OF A BIOASSAY METHODOLOGY FOR MUTAGENIC ASSESSMENT OF ATMOSPHERIC VOLATILE ORGANIC CHEMICALS. Twenty Second Annual Scientific Meeting Of The Environmental Mutagen Society, Kissimmee, Florida, Usa, April 0: 34.

Ichihara, G; Li, W; Shibata, E; Zhou, Z; Ichihara, S; Wang, H; Wang, Q; Li, J; Zhang, L; Takeuchi, Y; Ding, X. (2010). Dose-dependent neurologic abnormalities in workers exposed to 1-bromopropane. Toxicol Lett 196, Supplement: S68.

Ichihara, G; Li, WH; Shibata, E; Ding, XC; Wang, HL; Liang, YD; Peng, SM; Itohara, S; Kamijima, M; Fan, QY; Zhang, YH; Zhong, EH; Wu, XY; Valentine, WM; Takeuchi, Y. (2004). Neurologic abnormalities in workers of a 1-bromopropane factory. Environ Health Perspect 112: 1319-1325.

Iwamura, H; Fujita, T. (1990). Development of 4-alkylphenylaralkyl ethers and related compounds as potent insect juvenile hormone mimetics and structural aspects of their activity. AU - HAYASHI T. J Agric Food Chem 38: 1965-1971.

Jacobs, G; Martens, M; Mosselmans, G. (1987). PROPOSAL OF LIMIT CONCENTRATIONS FOR SKIN IRRITATION WITHIN THE CONTEXT OF A NEW EEC DIRECTIVE ON THE CLASSIFICATION AND LABELING OF PREPARATIONS. Regul Toxicol Pharmacol 7: 370-378.

Jones, ME. (1988). Collection and characterization of the neutral products of gas phase ion-molecule reactions. PhD Dissertation, University of Colorado at Boulder247 p.

Jones, RO. (1995). Selectivity in aqueous mixtures. PhD Dissertation, Swansea University (United Kingdom)1 p.

Kahl, MD; Russom, CL; Defoe, DL; Hammermeister, DE. (1999). Saturation units for use in aquatic bioassays. Chemosphere 39: 539-551.

Karabatsos, GJ; Fry, JL; Meyerson, S. (1967). Carbonium ions. X. Protonated cyclopropanes in the reaction or 1-bromopropane with aluminum bromide. Tetrahedron Letters 8: 3735-3738.

Khan, KA. (1999). Photoinduced dissociation of n-alkyl bromides on gallium arsenide(110) and gallium arsenide(100): Electron and fragment dynamics. PhD Dissertation, Columbia University368 p.

Knoppel, H; Schauenburg, H. (1987). SCREENING OF HOUSEHOLD PRODUCTS FOR THE EMISSION OF VOLATILE ORGANIC COMPOUNDS. Fourth International Conference On Indoor Air Quality And Climate, West Berlin, West Germany, August 15: 413-418.

Kulandasamy, R; Adhikari, AV; Stables, JP. (2009). Synthesis and anticonvulsant activity of some new bishydrazones derived from 3,4-dipropyloxythiophene. Eur J Med Chem 44: 3672-3679.

Leardini, R; Lucarini, P; Pedulli, GF; Valgimigli, L. (1999). Synthesis and calibration of two radical timing devices: 2-methyl-2-(1-naphthyl)- and 2-methyl-2-(2-naphthyl)-1-bromopropane. J Org Chem 64: 3726-3730.

Learmonth, DA. (1994). Tricyclic benzazepine and benzosubserone derivatives as potential serotonergic and dopaminergic agents. PhD Dissertation, University of Strathclyde (United Kingdom)1 p.

Liu, KT; Tang, CS. (1996). On the significance of electrophilic pull in solvolysis. Abnormally low tosylate bromide rate ratio and unusually high reactivity for 1-(2,6-dimethylphenyl)-2,2-dimethyl-1-propyl bromide. J Org Chem 61: 1523-1525.

Low, JC. (2001). Field measurements of atmospheric mono -halogenated alkanes. PhD Dissertation, University of California, Irvine229 p.

Lucia, A; Finger, EJ. (2004). Co-solvent selection and recovery. Adv Environ Res 8: 197-211.

MÃller, R; Fruwert, J; Geiseler, G. (1981). Zum konformationsverhalten einiger halogenalkane. Journal of Molecular Structure 70: 145-149.

Marchesan, S; Easton, CD; Styan, KE; Leech, P; Gengenbach, TR; Forsythe, JS; Hartley, PG. (2013). SU-8 photolithography on reactive plasma thin-films: coated microwells for peptide display. Colloids and Surfaces B-Biointerfaces 108: 313-321.

McCarty, LS; Mackay, D; Smith, AD; Ozburn, GW; Dixon, DG. (1989). RESIDUE-BASED INTERPRETATION OF TOXICITY AND BIOCONCENTRATION QSARS FROM AQUATIC BIOASSAYS NEUTRAL NARCOTIC ORGANICS. Meeting Of The American Chemical Society, The Chemical Society

Of Japan, And The Canadian Society For Chemistry On Structure Activity And Structure Property Relationships In Environmental Chemistry And Toxicology 11: 917-930.

Meyers, JE. (1966). THE EFFECTS OF ULTRASONIC CAVITATION ON AQUEOUS SOLUTIONS OF ETHYL, N-PROPYL AND ISO-PROPYL BROMIDE. PhD Dissertation, Wayne State University235 p.

Morgan, DL; Nyska, A; Harbo, SJ; Grumbein, SL; Dill, JA; Roycroft, JH; Kissling, GE; Cesta, MF. (2011). Multisite Carcinogenicity and Respiratory Toxicity of Inhaled 1-Bromopropane in Rats and Mice. Toxicol Pathol 39: 938-948.

Morris, BM. (1941). I. THE RATES OF THE THERMAL DECOMPOSITION OF I-PROPYL-BROMIDE, I-PROPYL-CHLORIDE, AND N-PROPYL BROMIDE. II. THE THERMAL REARRANGEMENT OF ALLYL PHENYL-ETHER. PhD Dissertation, Harvard University56 p.

Muhammed, S; Musgrave, OC; Petty, JA. (2011). REDISTRIBUTION OF SOLVENT AND SOLUTE DURING DRYING OF RUBBERWOOD IMPREGNATED WITH NON-AQUEOUS OR AQUEOUS LIQUIDS. Journal of Tropical Forest Science 23: 82-88.

Murray, WD; Richardson, M. (1993). PROGRESS TOWARD THE BIOLOGICAL TREATMENT OF C-1 AND C-2 HALOGENATED HYDROCARBONS. Crit Rev Environ Sci Technol 23: 195-217.

Murugaverl, B. (1989). Alpha-amino anion synthetic equivalent. PhD Dissertation, University of Denver109 p.

Neddenriep, RJ. (1958). THE RADIOLYSIS OF NORMAL PROPYL BROMIDE. PhD Dissertation, The University of Wisconsin - Madison196 p.

Nendza, M; Russom, CL. (1991). QSAR modelling of the ERL-D fathead minnow acute toxicity database. Xenobiotica 21: 147-170.

Nirmalakhandan, NN; Speece, RE. (1988). PREDICTION OF AQUEOUS SOLUBILITY OF ORGANIC CHEMICALS BASED ON MOLECULAR STRUCTURE. Environ Sci Technol 22: 328-338.

Nixon, JF; Poland, JS; Wilkins, B. (1975). Metal to ligand group transfer reactions : II. Reactions of some Ï€-allylrhodium(I) complexes with trifluoroacetic acid and alkyl, acyl and trimethyltin halides. Journal of Organometallic Chemistry 92: 393-398.

Penkett, SA; Jones, BMR; Rycroft, MJ; Simmons, DA. (6046). AN INTERHEMISPHERIC COMPARISON OF THE CONCENTRATIONS OF BROMINE COMPOUNDS IN THE ATMOSPHERE. Nature 318: 550-553.

Pisso, I; Haynes, PH; Law, KS. (2010). Emission location dependent ozone depletion potentials for very short-lived halogenated species. Atmos Chem Phys 10: 12025-12036.

Poelarends, GJ; Vlieg, J; Marchesi, J; Dos Santos, LMF; Janssen, DB. (1999). Degradation of 1,2-dibromoethane by Mycobacterium sp. strain GP1. J Bacteriol 181: 2050-2058.

Poelarends, GJ; Wilkens, M; Larkin, MJ; Van, ELSASJD; Janssen, DB. (1998). Degradation of 1,3-dichloropropene by Pseudomonas cichorii 170. Appl Environ Microbiol 64: 2931-2936.

Rollick, KL; Nugent, WA; Kochi, JK. (1982). Iron catalysis of grignard reductions. Mechanism of 1, 3-reductive eliminations from Î³-propyl halides. Journal of Organometallic Chemistry 225: 279-299.

Saingar, S; Kumar, R; Joshi, YC. (2011). Synthesis and biological activity of novel 1H-1,4-diazepines containing benzene sulfonyl piperazine moiety. Medicinal Chemistry Research 20: 975-980.

Saito, S; Matsuo, M. (1993). The i/o characters related to the cohesive energy of organic chemicals. Chemosphere 27: 851-867.

Schwarzenbach, RP; Giger, W; Schaffner, C; Wanner, O. (1985). GROUNDWATER CONTAMINATION BY VOLATILE HALOGENATED ALKANES ABIOTIC FORMATION OF VOLATILE SULFUR COMPOUNDS UNDER ANAEROBIC CONDITIONS. Environ Sci Technol 19: 322-327.

Singh, RP; Manandhar, S; Shreeve, JM. (2002). New dense fluoroalkyl-substituted imidazolium ionic liquids. Tetrahedron Letters 43: 9497-9499.

Slater, JH. (1004). MICROBIAL DEHALOGENATION OF HALOALIPHATIC COMPOUNDS. In: CRutledge (Ed), Biochemistry of Microbial Degradation, Chapter 12, Kluwer Academic Publishers379-421.

Sottofattori, E; Grandi, T; Balbi, A. (1995). Synthesis of 2-[(3-aminoalkyl or 3-bromoalkyl)amino]-4H-1-benzopyran-4-one derivatives. Tetrahedron Letters 36: 1331-1332.

Spivey, A. (2002). Problems with the solution. Environ Health Perspect 110: A128.

Subramanian, K; Huang, Z; Zhang, L; Ichihara, S; Ichihara, G. (2011). Central nervous system toxicity of 1-bromopropane: An oxidative stress hypothesis. Toxicol Lett 205, Supplement: S186-S187.

Thier, R; Mueller, M; Taylor, JB; Pemble, SE; Ketterer, B; Guengerich, FP. (1995). Enhancement of bacterial mutagenicity of bifunctional alkylating agents by expression of mammalian glutathione S-transferase. Chem Res Toxicol 8: 465-472.

Trujillo, DA. (1983). ALKYLATIONS OF ISOQUINOLINE VIA LITHIUM-ALUMINIUM - HYDRIDE. PhD Dissertation, Texas A&M University192 p.

Van Haver, P. (1992). Photoacoustic study of the nonradiative decay processes of electronic excited states. PhD Dissertation, Katholieke Universiteit Leuven (Belgium)206 p.

Vanderberg, LA; Perry, JJ. (1994). Dehalogenation by Mycobacterium vaccae JOB-5: Role of the propane monooxygenase. Canadian Journal Of Microbiology 40: 169-172.

Walterson, GH. (1991). DIRECT SYNTHESIS AND STABILITIES OF UNSYMMETRICAL TRIORGANOTIN COMPOUNDS. PhD Dissertation, University of Aberdeen (United Kingdom)208 p.

Wang, M. (2008). Probing the reaction mechanism of methyl coenzyme M reductase. PhD Dissertation, Auburn University194 p.

Whitten, GZ; Cohen, JP; Myers, TC; Carter, WPL. (2003). The ozone formation potential of 1-bromo-propane. Journal of the Air & Waste Management Association 53: 262-272.

Whitten, GZ; Yarwood, G. (2008). The ozone productivity of n-propyl bromide: Part 2 - An exception to the Maximum Incremental Reactivity scale. Journal of the Air & Waste Management Association 58: 891-901.

Wuebbles, DJ; Calm, JM. (5340). AN ENVIRONMENTAL RATIONALE FOR RETENTION OF ENDANGERED CHEMICALS. Science 278: 1090-1091.

Wuebbles, DJ; Jain, AK; Patten, KO; Connell, PS. (1998). Evaluation of ozone depletion potentials for chlorobromomethane (CH2ClBr) and 1-bromo-propane (CH2BrCH2CH3). Atmos Environ 32: 107-113.

Wuebbles, DJ; Patten, KO; Johnson, MT; Kotamarthi, R. (2001). New methodology for Ozone Depletion Potentials of short-lived compounds: n-Propyl bromide as an example. Journal of Geophysical Research D Atmospheres 106: 14-14,571.

Environmental Hazard Literature Search Results

Off Topic

Wuebbles, DJ; Patten, KO; Wang, D; Youn, D; Martinez-Aviles, M; Francisco, JS. (2011). Three-dimensional model evaluation of the Ozone Depletion Potentials for n-propyl bromide, trichloroethylene and perchloroethylene. Atmos Chem Phys 11: 2371-2380.

Yano, Y; Oae, S. (1970). Mechanisms of elimination: The E2 reaction of several p-substituted phenylthiapropyl bromides and the corresponding oxygen analogs in t-butanol containing potassium t-butoxide. Tetrahedron 26: 67-70.

Zhang, FG. (2002). Research on improvement of monomethoxypolyethylene glycol and use to modify lipase from candid rugosa. PhD Dissertation, Tianjin University (People's Republic of China)1 p.

Human Health Hazard Literature Search Results

On Topic

Anders, MW. (1982). Bioactivation of halogenated hydrocarbons. J Toxicol Clin Toxicol 19: 699-706.

Anders, MW. (1982). Mechanisms of haloalkane and haloalkene biotransformation. Trends Pharmacol Sci 3: 356-357. http://dx.doi.org/10.1016/0165-6147(82)91182-8.

Anders, MW. (2001). Formation and fate of reactive intermediates of haloalkanes, haloalkenes, and alpha-haloacids [Review]. Adv Exp Med Biol 500: 113-120.

Anderson, SE; Munson, AE; Butterworth, LF; Germolec, D; Morgan, DL; Roycroft, JA; Dill, J; Meade, BJ. (2010). Whole-body inhalation exposure to 1-bromopropane suppresses the IgM response to sheep red blood cells in female B6C3F1 mice and Fisher 344/N rats. Inhal Toxicol 22: 125-132. http://dx.doi.org/10.3109/08958370902953910.

Atochem, E. (1995). Acute dermal toxicity in rats. n-Propyl bromide. Study No. 13113 Tar. Study Director, Stephane de Jouffrey. Miserey, France: Centre International de Toxicologie.

Barber, ED; Donish, WH; Mueller, KR. (1981). A procedure for the quantitative measurement of the mutagenicity of volatile liquids in the Ames salmonella/microsome assay. Mutat Res Genet Toxicol 90: 31-48. http://dx.doi.org/10.1016/0165-1218(81)90048-3.

Barnsley, EA; Grenby, TH; Young, L. (1966). Biochemical studies of toxic agents. The metabolism of 1- and 2-bromopropane in rats. Biochem J 100: 282-288. http://dx.doi.org/10.1042/bj1000282.

Boyle, EB; Viet, SM; Wright, DJ; Merrill, LS; Alwis, KU; Blount, BC; Mortensen, ME; Moye, J; Dellarco, M. (2016). Assessment of Exposure to VOCs among Pregnant Women in the National Children's Study. Int J Environ Res Public Health 13: 376. http://dx.doi.org/10.3390/ijerph13040376.

CDC. (2008). Neurologic illness associated with occupational exposure to the solvent 1-bromopropane -- New Jersey and Pennsylvania, 2007-2008. MMWR Morb Mortal Wkly Rep 57: 1300-1302.

Chalupka, S. (2014). Reducing workplace exposure to 1-bromopropane. 62: 128. http://dx.doi.org/10.3928/21650799-20140219-08.

Cheever, KL; Marlow, KL; B'hymer, C; Hanley, KW; Lynch, DW. (2009). Development of an HPLC-MS procedure for the quantification of N-acetyl-S-(n-propyl)-l-cysteine, the major urinary metabolite of 1-bromopropane in human urine. J Chromatogr B Analyt Technol Biomed Life Sci 877: 827-832. http://dx.doi.org/10.1016/j.jchromb.2009.02.010.

Donoghue, LJ; Neufeld, TI; Li, Y; Arao, Y; Coons, LA; Korach, KS. (2016). Differential Activation of a Mouse Estrogen Receptor β Isoform (mERβ2) with Endocrine-Disrupting Chemicals (EDCs). Environ Health Perspect. http://dx.doi.org/10.1289/EHP396.

Eisenberg, J; Ramsey, J. (2010). Health Hazard Evaluation Report: HETA-2008-0175-3111, New Jersey Department of Health and Senior Services, July 2010. Evaluation of 1-Bromopropane Use in Four New Jersey Commercial Dry Cleaning Facilities. (NTIS/12290078). National Board of Labour Protection (Finland).

Elf Atochem S.A. (Elf Atochem Société Anonyme). (1993). Ames test--Reverse Mutation Assay on Salmonella typhimurium. n-Propyl Bromide. HIS1005/1005A. Study performed by Sanofi Recherche. Service de Toxicologie.

Elf Atochem S.A. (Elf Atochem Société Anonyme). (1996). In vitro mammalian cell gene mutation test in L5178Y TK+/- mouse lymphoma cells of n-propyl bromide. Study No. 13293. Miserey, France: Centre International de Toxicologie.

Fang, Z; Miao, R; Yang, D; Ji, J; Wu, W; Zhang, Y; Ji, Z; Shi, Y; Zhu, B. (2015). [Effects of 1-bromopropane on liver and kidney functions of exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 357-358.

Fang, Z; Miao, R; Yang, D; Wang, Y; Zhang, M; Zhang, Y. (2014). [Review of investigation in 1-bromopropane poisoning] [Review]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 32: 954-958.

Frasch, HF; Dotson, GS; Barbero, AM. (2011). In vitro human epidermal penetration of 1-bromopropane. J Toxicol Environ Health A 74: 1249-1260. http://dx.doi.org/10.1080/15287394.2011.595666.

Fu, Z; Wang, W; Liu, L; Zhang, X; Miu, R; Zhu, B. (2015). [Effects of 1-bromopropane on blood glucose of exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 353-354.

Fueta, Y; Fukuda, T; Ishidao, T; Hori, H. (2004). Electrophysiology and immunohistochemistry in the hippocampal ca1 and the dentate gyrus of rats chronically exposed to 1-bromopropane, a substitute for specific chlorofluorocarbons. Neuroscience 124: 593-603. http://dx.doi.org/10.1016/j.neuroscience.2003.12.025.

Fueta, Y; Fukunaga, K; Ishidao, T; Hori, H. (2002). Hyperexcitability and changes in activities of Ca2+/calmodulin-dependent kinase II and mitogen-activated protein kinase in the hippocampus of rats exposed to 1-bromopropane. Life Sci 72: 521-529. http://dx.doi.org/10.1016/S0024-3205(02)02247-6.

Fueta, Y; Ishidao, T; Arashidani, K; Endo, Y; Hori, H. (2002). Hyperexcitability of the hippocampal CA1 and the dentate gyrus in rats subchronically exposed to a substitute for chlorofluorocarbons, 1-bromopropane vapor. J Occup Health 44: 156-165. http://dx.doi.org/10.1539/joh.44.156.

Fueta, Y; Ishidao, T; Ueno, S; Yoshida, Y; Kunugita, N; Hori, H. (2007). New approach to risk assessment of central neurotoxicity induced by 1-bromopropane using animal models. Neurotoxicology 28: 270-273. http://dx.doi.org/10.1016/j.neuro.2006.05.003.

Human Health Hazard Literature Search Results

On Topic

Fueta, Y; Kanemitsu, M; Egawa, S; Ishidao, T; Ueno, S; Hori, H. (2015). Prenatal Exposure to 1-Bromopropane Suppresses Kainate-Induced Wet Dog Shakes in Immature Rats. J UOEH 37: 255-261. http://dx.doi.org/10.7888/juoeh.37.255.

Garaj-Vrhovac, V; Oreščanin, V; Gajski, G; Gerić, M; Ruk, D; Kollar, R; Radić Brkanac, S; Cvjetko, P. (2013). Toxicological characterization of the landfill leachate prior/after chemical and electrochemical treatment: a study on human and plant cells. Chemosphere 93: 939-945. http://dx.doi.org/10.1016/j.chemosphere.2013.05.059.

Garner, CE; Liang, S; Yin, L; Yu, X. (2015). Physiologically based pharmacokinetic modeling for 1-bromopropane in F344 rats using gas uptake inhalation experiments. Toxicol Sci 145: 23-36. http://dx.doi.org/10.1093/toxsci/kfv018.

Garner, CE; Sloan, C; Sumner, SC; Burgess, J; Davis, J; Etheridge, A; Parham, A; Ghanayem, BI. (2007). CYP2E1-catalyzed oxidation contributes to the sperm toxicity of 1-bromopropane in mice. Biol Reprod 76: 496-505. http://dx.doi.org/10.1095/biolreprod.106.055004.

Garner, CE; Sumner, SC; Davis, JG; Burgess, JP; Yueh, Y; Demeter, J; Zhan, Q; Valentine, J; Jeffcoat, AR; Burka, LT; Mathews, JM. (2006). Metabolism and disposition of 1-bromopropane in rats and mice following inhalation or intravenous administration. Toxicol Appl Pharmacol 215: 23-36. http://dx.doi.org/10.1016/j.taap.2006.01.010.

Garner, CE; Yu, X. (2014). Species and sex-dependent toxicokinetics of 1-bromopropane: the role of hepatic cytochrome P450 oxidation and glutathione (GSH). Xenobiotica 44: 644-656. http://dx.doi.org/10.3109/00498254.2013.879624.

Ghanayem, BI; Hoffler, U. (2007). Investigation of xenobiotics metabolism, genotoxicity, and carcinogenicity using Cyp2e1(-/-) mice [Review]. Curr Drug Metab 8: 728-749. http://dx.doi.org/10.2174/138920007782109760.

Golomb, BA. (1999). A Review of the Scientific Literature as it Pertains to Gulf War IllnessChapter 10: Does accumulation of the Bromide from PB Produce Bromism? Santa Monica, CA: RAND Corporation. http://www.gulflink.osd.mil/library/randrep/pb_paper/mr1018.2.chap10.html.

Grenby, TH; Young, L. (1959). Isolation of n-propylmercapturic acid from the urine of animals dosed with 1-bromopropane. 71: P25.

Guo, J; Wu, C; Zhou, Z. (2016). [Advances in detection methods for 1-bromopropane and its metabolites]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 34: 62-65.

Guo, Y; Yuan, H; Jiang, L; Yang, J; Zeng, T; Xie, K; Zhang, C; Zhao, X. (2015). Involvement of decreased neuroglobin protein level in cognitive dysfunction induced by 1-bromopropane in rats. Brain Res 1600: 1-16. http://dx.doi.org/10.1016/j.brainres.2014.12.046.

Han, EH; Hwang, YP; Lee, KJ; Jeong, TC; Jeong, HG. (2008). 1-Bromopropane induces macrophage activation via extracellular signal-regulated kinase 1/2 MAPK and NF-κB pathways. Cancer Lett 262: 28-36. http://dx.doi.org/10.1016/j.canlet.2007.11.024.

Han, EH; Yang, JH; Kim, HK; Choi, JH; Khanal, T; Do, MT; Chung, YC; Lee, KY; Jeong, TC; Jeong, HG. (2012). 1-Bromopropane up-regulates cyclooxygenase-2 expression via NF-κB and C/EBP activation in murine macrophages. Food Chem Toxicol 50: 1616-1622. http://dx.doi.org/10.1016/j.fct.2012.02.006.

Han, HJ; Kim, HG; Jeong, TC; Jeong, HG. (2014). 1-bromopropane increases the expression of proinflammatory cytokines and secretion of beta-hexosaminidase in RBL-2H3 cells [Abstract]. Drug Metab Rev 45: 143-144.

Hanley, KW; Dunn, KL; Johnson, B. (2007). Workers' exposures to n-propyl bromide at an adhesives and coatings manufacturer. Hanley, KW; Dunn, KL; Johnson, B.

Hanley, KW; Petersen, M; Curwin, BD; Sanderson, WT. (2006). Urinary bromide and breathing zone concentrations of 1-bromopropane from workers exposed to flexible foam spray adhesives. Ann Occup Hyg 50: 599-607. http://dx.doi.org/10.1093/annhyg/mel020.

Hanley, KW; Petersen, MR; Cheever, KL; Luo, L. (2009). N-acetyl-S-(n-propyl)-l-cysteine in urine from workers exposed to 1-bromopropane in foam cushion spray adhesives. Ann Occup Hyg 53: 759-769. http://dx.doi.org/10.1093/annhyg/mep051.

Hanley, KW; Petersen, MR; Cheever, KL; Luo, L. (2010). Bromide and N-acetyl-S-(n-propyl)-L-cysteine in urine from workers exposed to 1-bromopropane solvents from vapor degreasing or adhesive manufacturing. Int Arch Occup Environ Health 83: 571-584. http://dx.doi.org/10.1007/s00420-010-0524-4.

Harney, JM; Nemhauser, JB; Reh, CM; Trout, D; Schrader, S. (2003). NIOSH Health Hazard Evaluation Report: HETA No. 99-0260-2906, Marx Industries, Inc., Sawmills, North Carolina. (NTIS/02928130). National Board of Labour Protection (Finland).

Huang, F; Ichihara, S; Yamada, Y; Banu, S; Ichihara, G. (2017). Effect of 4-week inhalation exposure to 1-bromopropane on blood pressure in rats. J Appl Toxicol 37: 331-338. http://dx.doi.org/10.1002/jat.3364.

Huang, Z; Ichihara, S; Oikawa, S; Chang, J; Zhang, L; Hu, S; Huang, H; Ichihara, G. (2015). Hippocampal phosphoproteomics of F344 rats exposed to 1-Bromopropane. Toxicol Appl Pharmacol 282: 151-160. http://dx.doi.org/10.1016/j.taap.2014.10.016.

Huang, Z; Ichihara, S; Oikawa, S; Chang, J; Zhang, L; Takahashi, M; Subramanian, K; Mohideen, SS; Wang, Y; Ichihara, G. (2011). Proteomic analysis of hippocampal proteins of F344 rats exposed to 1-bromopropane. Toxicol Appl Pharmacol 257: 93-101. http://dx.doi.org/10.1016/j.taap.2011.08.023.

Ichihara, G; Kitoh, J; Li, W; Ding, X; Ichihara, S; Takeuchi, Y. (2012). Neurotoxicity of 1-bromopropane: Evidence from animal experiments and human studies. JAR 3: 91-98. http://dx.doi.org/http://dx.doi.org/10.1016/j.jare.2011.04.005.

Ichihara, G; Li, W; Ding, X; Peng, S; Yu, X; Shibata, E; Yamada, T; Wang, H; Itohara, S; Kanno, S; Sakai, K; Ito, H; Kanefusa, K; Takeuchi, Y. (2004). A survey on exposure level, health status, and biomarkers in workers exposed to 1-bromopropane. Am J Ind Med 45: 63-75. http://dx.doi.org/10.1002/ajim.10320.

Ichihara, G; Li, W; Shibata, E; Ding, X; Wang, H; Liang, Y; Peng, S; Itohara, S; Kamijima, M; Fan, Q; Zhang, Y; Zhong, E; Wu, X; Valentine, WM; Takeuchi, Y. (2004). Neurologic abnormalities in workers of a 1-bromopropane factory. Environ Health Perspect 112: 1319-1325. http://dx.doi.org/10.1289/ehp.6995.

Ichihara, G; Miller, JK; Ziolkokwska, A; Itohara, S; Takeuchi, Y. (2002). Neurological disorders in three workers exposed to 1-bromopropane. J Occup Health 44: 1-7. http://dx.doi.org/10.1539/joh.44.1.

Ishidao, T; Fueta, Y; Ueno, S; Yoshida, Y; Hori, H. (2016). A cross-fostering analysis of bromine ion concentration in rats that inhaled 1-bromopropane vapor. J Occup Health 58: 241-246. http://dx.doi.org/10.1539/joh.15-0284-OA.

Human Health Hazard Literature Search Results

On Topic

Ishidao, T; Kunugita, N; Fueta, Y; Arashidani, K; Hori, H. (2002). Effects of inhaled 1-bromopropane vapor on rat metabolism. Toxicol Lett 134: 237-243. http://dx.doi.org/10.1016/S0378-4274(02)00171-6.

Jeong, H; Choi, Y; Jeong, H; Jeong, T; Lee, KY. (2014). Bromopropane compounds inhibit osteogenesis by ERK-dependent Runx2 inhibition in C2C12 cells. Arch Pharm Res 37: 276-283. http://dx.doi.org/10.1007/s12272-013-0178-3.

Ji, Z; Miao, R; Zhu, B. (2015). [Latest research progress in biological exposure limits of 1-bromopropane]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 398-400.

Jones, AR; Walsh, DA. (1979). The oxidative metabolism of 1-bromopropane in the rat. Xenobiotica 9: 763-772. http://dx.doi.org/10.3109/00498257909042344.

Kaneko, T; Kim, HY; Wang, PY; Sato, A. (1997). Partition coefficients and hepatic metabolism in vitro of 1- and 2-bromopropanes. J Occup Health 39: 341-342. http://dx.doi.org/10.1539/joh.39.341.

Kanemitsu, M; Fueta, Y; Ishidao, T; Aou, S; Hori, H. (2016). Development of a direct exposure system for studying the mechanisms of central neurotoxicity caused by volatile organic compounds. Ind Health 54: 42-49. http://dx.doi.org/10.2486/indhealth.2015-0076.

Kim, H; Chung, J; Chung, Y; Kim, K; Maeng, S; Hang, C; Lim, C; Lee, J; Kim, K; Lee, K; et al. (1998). Toxicological studies on inhalation of 1-bromopropane using rats. Report submitted to the Industrial Health Research Institute. Yongsan Gu, Republic of Korea: Korea Industrial Safety Corporation.

Kim, KW; Kim, HY; Park, SS; Jeong, HS; Park, SH; Lee, JY; Jeong, JH; Moon, YH. (1999). Gender differences in activity and induction of hepatic microsomal cytochrome P-450 by 1-bromopropane in Sprague-Dawley rats. J Biochem Mol Biol 32: 232-238.

Kirsch-Volders, M; Bonassi, S; Knasmueller, S; Holland, N; Bolognesi, C; Fenech, MF. (2014). Commentary: Critical questions, misconceptions and a road map for improving the use of the lymphocyte cytokinesis-block micronucleus assay for in vivo biomonitoring of human exposure to genotoxic chemicals-A HUMN project perspective. Mutat Res Rev Mutat Res 759: 49-58. http://dx.doi.org/10.1016/j.mrrev.2013.12.001.

Lee, SK; Jeon, TW; Kim, YB; Lee, ES; Jeong, HG; Jeong, TC. (2007). Role of glutathione conjugation in the hepatotoxicity and immunotoxicity induced by 1-bromopropane in female BALB/c mice. J Appl Toxicol 27: 358-367. http://dx.doi.org/10.1002/jat.1214.

Lee, SK; Jo, SW; Jeon, TW; Jun, IH; Jin, CH; Kim, GH; Lee, DJ; Kim, TO; Lee, ES; Jeong, TC. (2005). Hepatotoxic effect of 1-bromopropane and its conjugation with glutathione in male ICR mice. Arch Pharm Res 28: 1177-1182.

Lee, SK; Kang, MJ; Jeon, TW; Ha, HW; Yoo, JW; Ko, GS; Kang, W; Jeong, HG; Lyoo, WS; Jeong, TC. (2010). Role of metabolism in 1-bromopropane-induced hepatotoxicity in mice. J Toxicol Environ Health A 73: 1431-1440. http://dx.doi.org/10.1080/15287394.2010.511546.

Lee, SK; Lee, DJ; Ko, GS; Yoo, SH; Ha, HW; Kang, MJ; Jeong, TC. (2010). Role of glutathione conjugation in 1-bromobutane-induced hepatotoxicity in mice. Food Chem Toxicol 48: 2707-2711. http://dx.doi.org/10.1016/j.fct.2010.06.044.

Li, P; Gu, Y; Yu, S; Li, Y; Yang, J; Jia, G. (2014). Assessing the suitability of 8-OHdG and micronuclei as genotoxic biomarkers in chromate-exposed workers: a cross-sectional study. BMJ Open 4: e005979. http://dx.doi.org/10.1136/bmjopen-2014-005979.

Li, W; Shibata, E; Zhou, Z; Ichihara, S; Wang, H; Wang, Q; Li, J; Zhang, L; Wakai, K; Takeuchi, Y; Ding, X; Ichihara, G. (2010). Dose-dependent neurologic abnormalities in workers exposed to 1-bromopropane. J Occup Environ Med 52: 769-777. http://dx.doi.org/10.1097/JOM.0b013e3181eaded7.

Li, WH; Zhou, ZJ; Wang, QY; Ichihara, G; Takeuchi, Y; Ding, XC. (2010). [Effects of 1-bromopropane on neurological and hematological changes of female exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 28: 339-344.

Liu, F; Ichihara, S; Mohideen, SS; Sai, U; Kitoh, J; Ichihara, G. (2009). Comparative study on susceptibility to 1-bromopropane in three mice strains. Toxicol Sci 112: 100-110. http://dx.doi.org/10.1093/toxsci/kfp173.

Liu, F; Ichihara, S; Valentine, WM; Itoh, K; Yamamoto, M; Sheik Mohideen, S; Kitoh, J; Ichihara, G. (2010). Increased susceptibility of Nrf2-null mice to 1-bromopropane-induced hepatotoxicity. Toxicol Sci 115: 596-606. http://dx.doi.org/10.1093/toxsci/kfq075.

Majersik, JJ; Caravati, EM; Steffens, JD. (2007). Severe neurotoxicity associated with exposure to the solvent 1-bromopropane (n-propyl bromide). Clin Toxicol 45: 270-276. http://dx.doi.org/10.1080/15563650701226218.

Mathias, PI; Cheever, KL; Hanley, KW; Marlow, KL; Johnson, BC; B'hymer, C. (2012). Comparison and evaluation of urinary biomarkers for occupational exposure to spray adhesives containing 1-bromopropane. Toxicol Mech Meth 22: 526-532. http://dx.doi.org/10.3109/15376516.2012.686536.

Meyer-Baron, M; Kim, EA; Nuwayhid, I; Ichihara, G; Kang, SK. (2012). Occupational exposure to neurotoxic substances in Asian countries - challenges and approaches. Neurotoxicology 33: 853-861. http://dx.doi.org/10.1016/j.neuro.2011.12.012.

Miao, R; Ding, B; Zhang, Y; Zhao, R; Li, Y; Zhu, B. (2017). Large-scale label-free proteomics analysis of occupational poisoned patients of 1-bromopropane, workers exposed to 1-bromopropane and healthy individuals. Hum Exp Toxicol960327117689911. http://dx.doi.org/10.1177/0960327117689911.

Miao, R; Fang, Z; Yang, D; Zhang, Y; Wang, Y; Zhu, B; Zhang, M. (2015). [Effects of 1-bromopropane on hematological changes of exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 350-351.

Miao, R; Fang, Z; Zhu, B; Yang, D; Qian, G; Chen, Y; Zhang, Y. (2015). [Cardiac effects of 1-bromopropane on exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 352-353.

Miao, R; Shi, Y; Zhu, B; Ding, P; Yang, D; Fu, Z; Zhang, Y; Wang, Y; Zhang, M. (2015). [Electrophysiological effects of 1-bromopropane on exposed workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 355-357.

Miao, RM; Ding, BM; Zhang, YY; Wu, WM; You, DH; Fang, ZH; Zhao, R. (2016). [The research of proteome profiling change of 1-bromopropane poisoning cases]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 34: 835-838.

Mirza, T; Gérin, M; Bégin, D; Drolet, D. (2000). A study on the substitution of trichloroethylene as a spot remover in the textile industry. AIHAJ 61: 431-438.

Mohideen, SS; Ichihara, G; Ichihara, S; Nakamura, S. (2011). Exposure to 1-bromopropane causes degeneration of noradrenergic axons in the rat brain. Toxicology 285: 67-71. http://dx.doi.org/10.1016/j.tox.2011.04.005.

Human Health Hazard Literature Search Results

On Topic

Mohideen, SS; Ichihara, S; Banu, S; Liu, F; Kitoh, J; Ichihara, G. (2009). Changes in neurotransmitter receptor expression levels in rat brain after 4-week exposure to 1-bromopropane. Neurotoxicology 30: 1078-1083. http://dx.doi.org/10.1016/j.neuro.2009.06.007.

Mohideen, SS; Ichihara, S; Subramanian, K; Huang, Z; Naito, H; Kitoh, J; Ichihara, G. (2013). Effects of exposure to 1-bromopropane on astrocytes and oligodendrocytes in rat brain. J Occup Health 55: 29-38. http://dx.doi.org/10.1539/joh.12-0118-OA.

Morgan, DL; Nyska, A; Harbo, SJ; Grumbein, SL; Dill, JA; Roycroft, JH; Kissling, GE; Cesta, MF. (2011). Multisite carcinogenicity and respiratory toxicity of inhaled 1-bromopropane in rats and mice. Toxicol Pathol 39: 938-948. http://dx.doi.org/10.1177/0192623311416374.

NIOSH (National Institute for Occupational Safety and Health). (2002). Health hazard evaluation report: HETA 2000-0410-2891, STN Cushion Company, Thomasville, North Carolina. (HETA 2000-410-2891.). Cincinnati, OH. http://www.cdc.gov/niosh/hhe/reports/pdfs/2000-0410-2891.pdf.

NIOSH (National Institute for Occupational Safety and Health). (2007). Workers' exposures to n-propyl bromide at a hydraulic power control component manufacturer. Cincinnati, OH: NIOSH Division of Surveillance, Hazard Evaluation and Field Studies.

NIOSH (National Institute for Occupational Safety and Health). (2007). Workers' exposures to n-propyl bromide at a printed electronics circuit assembly manufacturer. Cincinnati, OH: NIOSH Division of Surveillance, Hazard Evaluation and Field Studies. http://www.cdc.gov/niosh/nioshtic-2/20031860.html.

NIOSH (National Institute for Occupational Safety and Health). (2007). Workers' exposures to n-propyl bromide at an aerospace components manufacturer. Cincinnati, OH: NIOSH Division of Surveillance, Hazard Evaluation and Field Studies. http://www.cdc.gov/niosh/nioshtic-2/20031537.html.

NIOSH (National Institute for Occupational Safety and Health). (2007). Workers' exposures to n-propyl bromide at an optical prism and optical assemblies manufacturer. Cincinnati, OH: NIOSH Division of Surveillance, Hazard Evaluation and Field Studies. http://www.cdc.gov/niosh/nioshtic-2/20031871.html.

NLM (National Institutes of Health, National Library of Medicine). (2006). HSDB: 1-BROMOPROPANE. Washington, DC: National Institutes of Health, Department of Health and Human Services. https://toxnet.nlm.nih.gov/cgi-bin/sis/search2/f?./temp/~pvFzEx:1.

NRC (National Research Council). (2012). National Response Center Database. United States Coast Guard (Version Last accessed 5/14/12). Retrieved from http://www.nrc.uscg.mil/foia.html

NTP (National Toxicology Program). (1987). Toxicology and carcinogenesis studies of bromodichloromethane (CAS no 75-27-4) in F344/N rats and B6C3F1 mice (gavage studies) (pp. pp.). Research Triangle Park, NC.

NTP. (1989). NTP Toxicology and Carcinogenesis Studies of Tribromomethane (Bromoform) (CAS No. 75-25-2) in F344/N Rats and B6C3F1 Mice (Gavage Studies). 350: 1-194.

NTP (National Toxicology Program). (2011). Toxicology and carcinogenesis studies of 1-bromopropane (CAS No. 106-94-5) in F344/N rats and B6C3F1 mice (inhalation studies) [NTP] (pp. 1-190). (ISSN 0888-8051; NTP TR 564; NIH Publication No. 11-5906). Research Triangle Park, NC. http://ntp.niehs.nih.gov/ntp/htdocs/LT_rpts/TR564.pdf.

NTP (National Toxicology Program). (2013). Report on carcinogens. Monograph for 1-bromopropane (Final) (pp. 1-168). (NIH Publication No. 13-5982). Research Triangle Park, NC. http://ntp.niehs.nih.gov/ntp/roc/thirteenth/monographs_final/1bromopropane_508.pdf.

NTP-CERHR (NTP Center for the Evaluation of Risks to Human Reproduction). (2003). NTP-CERHR monograph on the potential human reproductive and developmental effects of 1-bromopropane [NTP] (pp. i-III11). (NIH Publication No. 04-4479). Research Triangle Park, NC: National Toxicology Program. http://ntp.niehs.nih.gov/ntp/ohat/bromopropanes/1-bromopropane/1BP_monograph.pdf.

OSHA (Occupational Safety & Health Administration). (2013). OSHA/NIOSH hazard alert: 1-bromopropane. (OSHA HA-3676-2013). Washington, DC: U.S. Department of Labor. https://www.osha.gov/dts/hazardalerts/1bromopropane_hazard_alert.html.

Raymond, LW; Ford, MD. (2007). Severe illness in furniture makers using a new glue: 1-bromopropane toxicity confounded by arsenic. J Occup Environ Med 49: 1009-1019. http://dx.doi.org/10.1097/JOM.0b013e318145b616.

Reh, CM; Mortimer, VD; Nemhauser, JB; Trout, D. (2002). NIOSH Health Hazard Evaluation Report: HETA No. 98-0153-2883, Custom Products, Inc. Mooresville, NC. (NTIS/02928129). National Board of Labour Protection (Finland).

Reh, CM; Nemhauser, JB. (2001). Health Hazard Evaluation Report: HETA 2000-0233-2845, Trilithic, Inc. Indianapolis, Indiana. (NTIS/02937573_a). Organisation for Economic Cooperation and Development (OECD).

Saito-Suzuki, R; Teramoto, S; Shirasu, Y. (1982). Dominant lethal studies in rats with 1,2-dibromo-3-chloropropane and its structurally related compounds. Mutat Res Genet Toxicol 101: 321-327. http://dx.doi.org/10.1016/0165-1218(82)90125-2.

Samukawa, M; Ichihara, G; Ueda, M; Mitsui, Y; Oka, N; Kusunoki, S. (2013). Neurotoxicity of 1-Bromopropane, an Alternative to Ozone-Depleting or Global-Warming Solvents [Abstract]. Ann Neurol 74: S4.

Stolzenberg, SJ; Hine, CH. (1980). Mutagenicity of 2- and 3-carbon halogenated compounds in the Salmonella/mammalian-microsome test. Environ Mutagen 2: 59-66. http://dx.doi.org/10.1002/em.2860020109.

Subramanian, K; Mohideen, SS; Suzumura, A; Asai, N; Murakumo, Y; Takahashi, M; Jin, S; Zhang, L; Huang, Z; Ichihara, S; Kitoh, J; Ichihara, G. (2012). Exposure to 1-bromopropane induces microglial changes and oxidative stress in the rat cerebellum. Toxicology 302: 18-24. http://dx.doi.org/10.1016/j.tox.2012.07.006.

TH, G; Young, L. (1960). Biochemical studies on toxic agents. 12. The biosynthesis of n-propylmercapturic acid from n-propyl halides. 75.

Toraason, M; Lynch, DW; Debord, DG; Singh, N; Krieg, E; Butler, MA; Toennis, CA; Nemhauser, JB. (2006). DNA damage in leukocytes of workers occupationally exposed to 1-bromopropane. Mutat Res Genet Toxicol Environ Mutagen 603: 1-14. http://dx.doi.org/10.1016/j.mrgentox.2005.08.015.

Ueno, S; Yoshida, Y; Fueta, Y; Ishidao, T; Liu, J; Kunugita, N; Yanagihara, N; Hori, H. (2007). Changes in the function of the inhibitory neurotransmitter system in the rat brain following subchronic inhalation exposure to 1-bromopropane. Neurotoxicology 28: 415-420. http://dx.doi.org/10.1016/j.neuro.2006.03.006.

Valentine, H; Amarnath, K; Amarnath, V; Li, WH; Ding, XC; Valentine, WM; Ichihara, G. (2007). Globin S-Propyl Cysteine and urinary N-acetyl-S-propylcysteine as internal biomarkers of 1-bromopropane exposure. Toxicol Sci 98: 427-435. http://dx.doi.org/10.1093/toxsci/kfm126.

Human Health Hazard Literature Search Results

On Topic

Walsh, DA; Jones, AR. (1977). Metabolism of bromopropane in the rat [Abstract]. 10: 49-49.

Wang, H; Ichihara, G; Ito, H; Kato, K; Kitoh, J; Yamada, T; Yu, X; Tsuboi, S; Moriyama, Y; Sakatani, R; Shibata, E; Kamijima, M; Itohara, S; Takeuchi, Y. (2002). Biochemical changes in the central nervous system of rats exposed to 1-bromopropane for seven days. Toxicol Sci 67: 114-120. http://dx.doi.org/10.1093/toxsci/67.1.114.

Wang, H; Ichihara, G; Ito, H; Kato, K; Kitoh, J; Yamada, T; Yu, X; Tsuboi, S; Moriyama, Y; Takeuchi, Y. (2003). Dose-dependent biochemical changes in rat central nervous system after 12-week exposure to 1-bromopropane. Neurotoxicology 24: 199-206. http://dx.doi.org/10.1016/S0161-813X(02)00195-X.

Wang, T; Deng, J; Yang, C; Wu, M. (2014). Neurotoxicity of 1-bromopropane in workers: An outbreak reported to the National Poison Center in Taiwan [Abstract]. Clin Toxicol 52: 295-296.

Wang, TH; Wu, ML; Wu, YH; Tsai, WJ; Lin, KP; Wang, CL; Yang, CC; Deng, JF. (2015). Neurotoxicity associated with exposure to 1-bromopropane in golf-club cleansing workers. Clin Toxicol 53: 823-826. http://dx.doi.org/10.3109/15563650.2015.1064939.

Wu, F; Chang, XL; Wu, CH. (2016). [Summary of studies on carcinogenicity of 1-bromopropane]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 34: 555-558.

Xu, Y; Wang, S; Jiang, L; Wang, H; Yang, Y; Li, M; Wang, X; Zhao, X; Xie, K. (2016). Identify Melatonin as a Novel Therapeutic Reagent in the Treatment of 1-Bromopropane(1-BP) Intoxication. Medicine (Baltimore) 95: e2203. http://dx.doi.org/10.1097/MD.0000000000002203.

Yu, WJ; Kim, JC; Chung, MK. (2008). Lack of dominant lethality in mice following 1-bromopropane treatment. Mutat Res Genet Toxicol Environ Mutagen 652: 81-87. http://dx.doi.org/10.1016/j.mrgentox.2008.01.001.

Yu, X; Ichihara, G; Kitoh, J; Xie, Z; Shibata, E; Kamijima, M; Takeuchi, Y. (2001). Neurotoxicity of 2-bromopropane and 1-bromopropane, alternative solvents for chlorofluorocarbons. Environ Res 85: 48-52. http://dx.doi.org/10.1006/enrs.2000.4226.

Yuan, H; Wang, QH; Wang, YY; Xie, CM; Xie, KQ; Zhao, XL. (2013). [Effect of docosahexaenoic acid and nervonic acid on the damage of learning and memory abilities in rats induced by 1-bromopropane]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 31: 806-810.

Zhang, L; Nagai, T; Yamada, K; Ibi, D; Ichihara, S; Subramanian, K; Huang, Z; Mohideen, SS; Naito, H; Ichihara, G. (2013). Effects of sub-acute and sub-chronic inhalation of 1-bromopropane on neurogenesis in adult rats. Toxicology 304: 76-82. http://dx.doi.org/10.1016/j.tox.2012.12.009.

Zhang, M; Miao, R; Wang, Y. (2015). [Analysis of urinary N-acetyl-S-(n-propyl)-L-cysteine as biomarker for occupational 1-bromopropane exposure]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 437-439.

Zhang, Q; Zheng, RZ; Zhang, ZH; Yang, LS; Wang, H; Ning, H; Huang, F. (2013). [Effects of bromopropane exposure on expression of DNA methyltransferases and level of histone acetylation in testis of male rats]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 31: 92-95.

Zhao, CY; Chiang, YZ; Murrell, DF. (2016). Neonatal Autoimmune Blistering Disease: A Systematic Review [Review]. Pediatr Dermatol 33: 367-374. http://dx.doi.org/10.1111/pde.12859.

Zhong, Z; Zeng, T; Xie, K; Zhang, C; Chen, J; Bi, Y; Zhao, X. (2013). Elevation of 4-hydroxynonenal and malondialdehyde modified protein levels in cerebral cortex with cognitive dysfunction in rats exposed to 1-bromopropane. Toxicology 306: 16-23. http://dx.doi.org/10.1016/j.tox.2013.01.022.

Zhou, C; Zhu, H; Liu, H; Rongming, M; Yin, L; Zhu, B. (2015). [Determination of N-acetyl-S-(n-propyl)-L-cysteine: the major metabolite of 1-bromopropane in human urine]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 394-396.

Zong, C; Garner, CE; Huang, C; Zhang, X; Zhang, L; Chang, J; Toyokuni, S; Ito, H; Kato, M; Sakurai, T; Ichihara, S; Ichihara, G. (2016). Preliminary characterization of a murine model for 1-bromopropane neurotoxicity: Role of cytochrome P450. Toxicol Lett 258: 249-258. http://dx.doi.org/10.1016/j.toxlet.2016.07.006.

Zong, C, ai; Zhang, X; Huang, C; Chang, J, ie; Garner, CE; Sakurai, T; Kato, M; Ichihara, S; Ichihara, G. (2016). Role of cytochrome P450s in the male reproductive toxicity of 1-bromopropane. Toxicology Research 5: 1522-1529. http://dx.doi.org/10.1039/c6tx00164e.

Human Health Hazard Literature Search Results

Off Topic

Abdalla, EM; Mostowska, A; Jagodziński, PP; Dwidar, K; Ismail, SR. (2014). A novel WNT10A mutation causes non-syndromic hypodontia in an Egyptian family. Arch Oral Biol 59: 722-728. http://dx.doi.org/10.1016/j.archoralbio.2014.04.004.

Aboud, MJ; Gassmann, M; Mccord, B. (2015). Ultrafast STR Separations on Short-Channel Microfluidic Systems for Forensic Screening and Genotyping. J Forensic Sci 60: 1164-1170. http://dx.doi.org/10.1111/1556-4029.12723.

Abraham, I; Van Camp, Y; Villa, L; Denhaerynck, K; Sun, D; Vancayzeele, S; Brié, H; Aerts, A; Hermans, C; Macdonald, K. (2013). Hierarchical modeling of patient and physician determinants of blood pressure outcomes in adherent vs nonadherent hypertensive patients: pooled analysis of 6 studies with 14,646 evaluable patients. J Clin Hypertens (Greenwich) 15: 663-673. http://dx.doi.org/10.1111/jch.12163.

Ahn, JJ; Kim, JH; Kim, Y; Hong, JY; Kim, GW; Hwang, SY. (2015). Multiplex genotyping based on the melting temperature of a single locked nucleic acid probe. Anal Biochem 491: 72-74. http://dx.doi.org/10.1016/j.ab.2015.09.007.

Ahn, JJ; Song, HJ; Hong, JY; Kim, GW; Hwang, SY. (2016). High specific genotyping method using short target probe and helper probe. Mol Cell Probes 30: 273-276. http://dx.doi.org/10.1016/j.mcp.2016.05.002.

Ahonen, SJ; Arumilli, M; Lohi, H. (2013). A CNGB1 frameshift mutation in Papillon and Phalène dogs with progressive retinal atrophy. PLoS ONE 8: e72122. http://dx.doi.org/10.1371/journal.pone.0072122.

Ailloud, F; Lowe, T; Cellier, G; Roche, D; Allen, C; Prior, P. (2015). Comparative genomic analysis of Ralstonia solanacearum reveals candidate genes for host specificity. BMC Genomics 16: 270. http://dx.doi.org/10.1186/s12864-015-1474-8.

Human Health Hazard Literature Search Results

Off Topic

Ailloud, F; Lowe, TM; Robène, I; Cruveiller, S; Allen, C; Prior, P. (2016). In planta comparative transcriptomics of host-adapted strains of Ralstonia solanacearum. Peer J 4: e1549. http://dx.doi.org/10.7717/peerj.1549.

Al Oreany, AA; Al Hadlaq, A; Schatz, P. (2016). Congenital stationary night blindness with hypoplastic discs, negative electroretinogram and thinning of the inner nuclear layer. Graefes Arch Clin Exp Ophthalmol 254: 1951-1956. http://dx.doi.org/10.1007/s00417-016-3346-6.

Albarel, F; Perrin, J; Jegaden, M; Roucher-Boulez, F; Reynaud, R; Brue, T; Courbiere, B. (2016). Successful IVF pregnancy despite inadequate ovarian steroidogenesis due to congenital lipoid adrenal hyperplasia (CLAH): a case report. Hum Reprod 31: 2609-2612. http://dx.doi.org/10.1093/humrep/dew239.

Anderson, LM; Rice, JM. (1987). Tumorigenesis in Athymic Nude Mouse Skin by Chemical Carcinogens and Ultraviolet Light. J Natl Cancer Inst 78: 125-134.

Andersson, M; Turesson, H; Nicolia, A; Fält, AS; Samuelsson, M; Hofvander, P. (2017). Efficient targeted multiallelic mutagenesis in tetraploid potato (Solanum tuberosum) by transient CRISPR-Cas9 expression in protoplasts. Plant Cell Rep 36: 117-128. http://dx.doi.org/10.1007/s00299-016-2062-3.

Asif, M; Eudes, F; Goyal, A; Amundsen, E; Randhawa, H; Spaner, D. (2013). Organelle antioxidants improve microspore embryogenesis in wheat and triticale. In Vitro Cell Dev Biol Plant 49: 489-497. http://dx.doi.org/10.1007/s11627-013-9514-z.

Atkin, M; Laight, D; Cummings, MH. (2016). The effects of garlic extract upon endothelial function, vascular inflammation, oxidative stress and insulin resistance in adults with type 2 diabetes at high cardiovascular risk. A pilot double blind randomized placebo controlled trial. J Diabetes Complications 30: 723-727. http://dx.doi.org/10.1016/j.jdiacomp.2016.01.003.

Balch, C; Ogle, JD; Senese, JL. (2016). The National Practice Benchmark for Oncology: 2015 Report for 2014 Data. 12: e437-e475. http://dx.doi.org/10.1200/JOP.2015.008458.

Bastida, JM; Del Rey, M; Revilla, N; Benito, R; Perez-Andrés, M; González, B; Riesco, S; Janusz, K; Padilla, J; Benito-Sendin, AH; Bueno, D; Blanco, E; Hernández-Rivas, M; Vicente, V; Rivera, J; González-Porras, R; Lozano, ML. (2016). Wiskott-Aldrich syndrome in a child presenting with macrothrombocytopenia. Platelets1-4. http://dx.doi.org/10.1080/09537104.2016.1246715.

Beacher, DR; Chang, SZ; Rosen, JS; Lipkin, GS; Mccarville, MM; Quadri-Sheriff, M; Kwon, S; Lane, JC; Binns, HJ; Ariza, AJ. (2015). Recognition of elevated blood pressure in an outpatient pediatric tertiary care setting. J Pediatr 166: 1233-1239.e1231. http://dx.doi.org/10.1016/j.jpeds.2015.02.006.

Beeley, JG; Neurath, H. (1968). The reaction of trypsin with bromoacetone. Biochemistry 7: 1239-1251.

Bianco, K; Soledad Yusseppone, M; Otero, S; Luquet, C; del Carmen Rios de Molina, M; Kristoff, G. (2013). Cholinesterases and neurotoxicity as highly sensitive biomarkers for an organophosphate insecticide in a freshwater gastropod (Chilina gibbosa) with low sensitivity carboxylesterases. Aquat Toxicol 144: 26-35. http://dx.doi.org/10.1016/j.aquatox.2013.09.025.

Björkman, KM; Church, MJ; Doggett, JK; Karl, DM. (2015). Differential Assimilation of Inorganic Carbon and Leucine by Prochlorococcus in the Oligotrophic North Pacific Subtropical Gyre. FMICB 6: 1401. http://dx.doi.org/10.3389/fmicb.2015.01401.

Blando, JD; Schill, DP; De La Cruz, MP; Zhang, L; Zhang, J. (2010). Preliminary study of propyl bromide exposure among New Jersey dry cleaners as a result of a pending ban on perchloroethylene. Journal of the Air and Waste Management Association 60: 1049-1056. http://dx.doi.org/10.3155/1047-3289.60.9.1049.

Bogolyubova, I; Stein, G; Bogolyubov, D. (2013). FRET analysis of interactions between actin and exon-exon-junction complex proteins in early mouse embryos. Cell Tissue Res 352: 277-285. http://dx.doi.org/10.1007/s00441-012-1545-y.

Bond, JA; Birnbaum, LS; Dahl, AR; Medinsky, MA; Sabourin, PJ; Henderson, RF. (1988). DISPOSITION OF INHALED 1 CHLORO-2-PROPANOL IN F344-N RATS. Toxicol Appl Pharmacol 95: 444-455.

Brachet, C; Mansbach, AL; Clerckx, A; Deltenre, P; Heinrichs, C. (2014). Hearing loss is part of the clinical picture of ENPP1 loss of function mutation [Review]. Horm Res 81: 63-66. http://dx.doi.org/10.1159/000354661.

Braga, DP; Setti, AS; Figueira, R; Iaconelli, A; Borges, E. (2013). The combination of pronuclear and blastocyst morphology: a strong prognostic tool for implantation potential. J Assist Reprod Genet 30: 1327-1332. http://dx.doi.org/10.1007/s10815-013-0073-3.

Brew-Appiah, RA; Ankrah, N; Liu, W; Konzak, CF; von Wettstein, D; Rustgi, S. (2013). Generation of doubled haploid transgenic wheat lines by microspore transformation. PLoS ONE 8: e80155. http://dx.doi.org/10.1371/journal.pone.0080155.

Brewerton, TD; Dansky, BS; O'Neil, PM; Kilpatrick, DG. (2015). The number of divergent purging behaviors is associated with histories of trauma, PTSD, and comorbidity in a national sample of women. Eat Disord 23: 422-429. http://dx.doi.org/10.1080/10640266.2015.1013394.

Bryantseva, IA; Gaisin, VA; Gorlenko, VM. (2015). [Rhodobaculum claviforme gen. nov., sp. nov., a New Alkaliphilic Nonsulfur Purple Bacterium]. Mikrobiologiya 84: 225-235.

Bu, G; Lin, D; Cui, L; Huang, L; Lv, C; Huang, S; Wan, Y; Fang, C; Li, J; Wang, Y. (2016). Characterization of Neuropeptide B (NPB), Neuropeptide W (NPW), and Their Receptors in Chickens: Evidence for NPW Being a Novel Inhibitor of Pituitary GH and Prolactin Secretion. Endocrinology 157: 3562-3576. http://dx.doi.org/10.1210/en.2016-1141.

Buckingham, KJ; Mcmillin, MJ; Brassil, MM; Shively, KM; Magnaye, KM; Cortes, A; Weinmann, AS; Lyons, LA; Bamshad, MJ. (2013). Multiple mutant T alleles cause haploinsufficiency of Brachyury and short tails in Manx cats. Mamm Genome 24: 400-408. http://dx.doi.org/10.1007/s00335-013-9471-1.

Caburet, S; Arboleda, VA; Llano, E; Overbeek, PA; Barbero, JL; Oka, K; Harrison, W; Vaiman, D; Ben-Neriah, Z; García-Tuñón, I; Fellous, M; Pendás, AM; Veitia, RA; Vilain, E. (2014). Mutant cohesin in premature ovarian failure. N Engl J Med 370: 943-949. http://dx.doi.org/10.1056/NEJMoa1309635.

Carrozzo, R; Verrigni, D; Rasmussen, M; de Coo, R; Amartino, H; Bianchi, M; Buhas, D; Mesli, S; Naess, K; Born, AP; Woldseth, B; Prontera, P; Batbayli, M; Ravn, K; Joensen, F; Cordelli, DM; Santorelli, FM; Tulinius, M; Darin, N; Duno, M; Jouvencel, P; Burlina, A; Stangoni, G; Bertini, E; Redonnet-Vernhet, I; Wibrand, F; Dionisi-Vici, C; Uusimaa, J; Vieira, P; Osorio, AN; Mcfarland, R; Taylor, RW; Holme, E; Ostergaard, E. (2016). Succinate-CoA ligase deficiency due to mutations in SUCLA2 and SUCLG1: phenotype and genotype correlations in 71 patients. J Inherit Metab Dis 39: 243-252. http://dx.doi.org/10.1007/s10545-015-9894-9.

Human Health Hazard Literature Search Results

Off Topic

Carta, LK; Li, S; Skantar, AM; Newcombe, G. (2016). Morphological and Molecular Characterization of Two Aphelenchoides Endophytic in Poplar Leaves. Journal of Nematology 48: 28-33.

Casey, JP; Mcgettigan, PA; Healy, F; Hogg, C; Reynolds, A; Kennedy, BN; Ennis, S; Slattery, D; Lynch, SA. (2015). Unexpected genetic heterogeneity for primary ciliary dyskinesia in the Irish Traveller population. Eur J Hum Genet 23: 210-217. http://dx.doi.org/10.1038/ejhg.2014.79.

Çayır, A; Coskun, M; Coskun, M. (2014). Micronuclei, nucleoplasmic bridges, and nuclear buds induced in human lymphocytes by the fungicide signum and its active ingredients (boscalid and pyraclostrobin). Environ Toxicol 29: 723-732. http://dx.doi.org/10.1002/tox.21789.

Chanas, B; Wang, H; Ghanayem, BI. (2003). Differential metabolism of acrylonitrile to cyanide is responsible for the greater sensitivity of male vs female mice: Role of CYP2E1 and epoxide hydrolases. Toxicol Appl Pharmacol 193: 293-302. http://dx.doi.org/10.1016/j.taap.2003.08.006.

Chen, CJ; Huang, YC; Chiu, CH. (2015). Multiple pathways of cross-resistance to glycopeptides and daptomycin in persistent MRSA bacteraemia. J Antimicrob Chemother 70: 2965-2972. http://dx.doi.org/10.1093/jac/dkv225.

Chen, L; Jiang, Y; Nie, H; Hu, R; Kwok, HS; Huang, F; Qin, A; Zhao, Z; Tang, BZ. (2014). Rational design of aggregation-induced emission luminogen with weak electron donor-acceptor interaction to achieve highly efficient undoped bilayer OLEDs. 6: 17215-17225. http://dx.doi.org/10.1021/am505036a.

Chen, M; Li, Y; Liu, H; Fu, X; Yu, Y; Yu, G; Wang, C; Bao, F; Liany, H; Wang, Z; Shi, Z; Zhang, D; Zhou, G; Liu, J; Zhang, F. (2014). Analysis of POFUT1 gene mutation in a Chinese family with Dowling-Degos disease. PLoS ONE 9: e104496. http://dx.doi.org/10.1371/journal.pone.0104496.

Chen, WM; Chen, JC; Wang, C; Huang, CW; Sheu, SY. (2015). Vogesella amnigena sp. nov., isolated from a freshwater river. Int J Syst Evol Microbiol 65: 3634-3640. http://dx.doi.org/10.1099/ijsem.0.000467.

Chen, Y; Tan, H; Qin, Z. (2013). Characterization of a replication locus and formation of a higher-order complex between RepA protein and two inverted repeats in Streptomyces plasmid pSV1. FEMS Microbiol Lett 349: 144-152. http://dx.doi.org/10.1111/1574-6968.12307.

Chen, YH; Chen, CW; Huang, ZY; Lin, WC; Lin, LY; Lin, F; Wong, KT; Lin, HW. (2014). Microcavity-embedded, colour-tuneable, transparent organic solar cells. Adv Mater Deerfield 26: 1129-1134. http://dx.doi.org/10.1002/adma.201304658.

Chen, Z; Li, H; Feng, J; Li, Y; Chen, X; Guo, X; Chen, W; Wang, L; Lin, L; Yang, H; Yang, W; Wang, J; Zhou, D; Liu, C; Yin, Z. (2015). NDM-1 encoded by a pNDM-BJ01-like plasmid p3SP-NDM in clinical Enterobacter aerogenes. FMICB 6: 294. http://dx.doi.org/10.3389/fmicb.2015.00294.

Cheng, J; Liao, L; Zhou, H; Gu, C; Wang, L; Han, Y. (2015). A small indel mutation in an anthocyanin transporter causes variegated colouration of peach flowers. J Exp Bot 66: 7227-7239. http://dx.doi.org/10.1093/jxb/erv419.

Cho, NY; Kim, KW; Kim, KK. (2017). Genomic health status assessed by a cytokinesis-block micronucleus cytome assay in a healthy middle-aged Korean population. Mutat Res 814: 7-13. http://dx.doi.org/10.1016/j.mrgentox.2016.11.008.

Choe, SC. (2016). BR 04-3 DEVELOPMENT OF NEW ANGIOTENSIN RECEPTOR BLOCKER. J Hypertens 34 Suppl 1 - ISH 2016 Abstract Book: e199. http://dx.doi.org/10.1097/01.hjh.0000500432.15730.0c.

Chovanec, M; Cedervall, B; Kolman, A. (2001). DNA damage induced by gamma-radiation in combination with ethylene oxide or propylene oxide in human fibroblasts. Chem Biol Interact 137: 259-268.

Christianto, A; Watanabe, H; Nakajima, T; Inazu, T. (2013). Idursulfase enzyme replacement therapy in an adult patient with severe Hunter syndrome having a novel mutation of iduronate-2-sulfatase gene. 423: 66-68. http://dx.doi.org/10.1016/j.cca.2013.04.022.

Chu, Q; Jiao, SH; Wang, YC; Liu, L; Liu, AR; Wu, HJ; Xie, ZQ; Hou, SY; Geng, FJ; Wang, CY; Huang, XX; Tan, SX; Tan, R; Zhang, Y; Yu, Y; Zhang, Y. (2013). [Establishment of the detection method for two causative genes of cattle arachnomelia syndrome]. Yi Chuan 35: 623-627.

Civáň, P; Brown, TA. (2017). A novel mutation conferring the nonbrittle phenotype of cultivated barley. New Phytol. http://dx.doi.org/10.1111/nph.14377.

Cohen, I; Silberstein, E; Perez, Y; Landau, D; Elbedour, K; Langer, Y; Kadir, R; Volodarsky, M; Sivan, S; Narkis, G; Birk, OS. (2014). Autosomal recessive Adams-Oliver syndrome caused by homozygous mutation in EOGT, encoding an EGF domain-specific O-GlcNAc transferase. Eur J Hum Genet 22: 374-378. http://dx.doi.org/10.1038/ejhg.2013.159.

Cohen, KA; Abeel, T; Manson McGuire, A; Desjardins, CA; Munsamy, V; Shea, TP; Walker, BJ; Bantubani, N; Almeida, DV; Alvarado, L; Chapman, SB; Mvelase, NR; Duffy, EY; Fitzgerald, MG; Govender, P; Gujja, S; Hamilton, S; Howarth, C; Larimer, JD; Maharaj, K; Pearson, MD; Priest, ME; Zeng, Q; Padayatchi, N; Grosset, J; Young, SK; Wortman, J; Mlisana, KP; O'Donnell, MR; Birren, BW; Bishai, WR; Pym, AS; Earl, AM. (2015). Evolution of Extensively Drug-Resistant Tuberculosis over Four Decades: Whole Genome Sequencing and Dating Analysis of Mycobacterium tuberculosis Isolates from KwaZulu-Natal. PLoS Med 12: e1001880. http://dx.doi.org/10.1371/journal.pmed.1001880.

Cook, MB; Dawsey, SM; Freedman, ND; Inskip, PD; Wichner, SM; Quraishi, SM; Devesa, SS; Mcglynn, KA. (2009). Sex disparities in cancer incidence by period and age. Cancer Epidemiol Biomarkers Prev 18: 1174-1182. http://dx.doi.org/10.1158/1055-9965.EPI-08-1118.

Coşkun, M; Cayır, A; Coşkun, M; Tok, H. (2013). Evaluation of background DNA damage in a Turkish population measured by means of the cytokinesis-block micronucleus cytome assay. Mutat Res 757: 23-27. http://dx.doi.org/10.1016/j.mrgentox.2013.03.010.

Couch, R; Ehrenberg, L; Magnusson, AL; Nilsson, R; de la Rosa, ME; Törnqvist, M. (1996). In vivo dosimetry of ethylene oxide and propylene oxide in the cynomolgus monkey. Mutat Res 357: 17-23.

Court, F; Martin-Trujillo, A; Romanelli, V; Garin, I; Iglesias-Platas, I; Salafsky, I; Guitart, M; Perez de Nanclares, G; Lapunzina, P; Monk, D. (2013). Genome-wide allelic methylation analysis reveals disease-specific susceptibility to multiple methylation defects in imprinting syndromes. Hum Mutat 34: 595-602. http://dx.doi.org/10.1002/humu.22276.

Cousins, MM; Donnell, D; Eshleman, SH. (2013). Impact of mutation type and amplicon characteristics on genetic diversity measures generated using a high-resolution melting diversity assay. 15: 130-137. http://dx.doi.org/10.1016/j.jmoldx.2012.08.008.

Human Health Hazard Literature Search Results

Off Topic

Craft, T. (2013). Letter to R. Linn from T.D. Craft, Albemarle Corporation, Baton Rouge, LA, March 7, 2013. National Toxicology Program, Research Triangle Park, NC. Craft, T.

Crea, P; Picciolo, G; Luzza, F; Oreto, G. (2015). ST Segment Depression in the Inferior Leads in Brugada Pattern: A New Sign. Ann Noninvasive Electrocardiol 20: 561-565. http://dx.doi.org/10.1111/anec.12247.

Czene, K; Osterman-Golkar, S; Yun, X; Li, G; Zhao, F; Pérez, HL; Li, M; Natarajan, AT; Segerbäck, D. (2002). Analysis of DNA and hemoglobin adducts and sister chromatid exchanges in a human population occupationally exposed to propylene oxide: a pilot study. Cancer Epidemiol Biomarkers Prev 11: 315-318.

Czerninski, R; Zadik, Y; Vered, M; Becker, T; Yahalom, R; Derazne, E; Aframian, DJ; Almoznino, G. (2014). Demographic and clinical factors associated with referrals and compliance to biopsy of oral and maxillofacial lesions. J Oral Pathol Med 43: 364-370.

Davey, MW; Gudimella, R; Harikrishna, JA; Sin, LW; Khalid, N; Keulemans, J. (2013). "A draft Musa balbisiana genome sequence for molecular genetics in polyploid, inter- and intra-specific Musa hybrids&quot. BMC Genomics 14: 683. http://dx.doi.org/10.1186/1471-2164-14-683.

De Marco, P; Merello, E; Consales, A; Piatelli, G; Cama, A; Kibar, Z; Capra, V. (2013). Genetic analysis of disheveled 2 and disheveled 3 in human neural tube defects. J Mol Neurosci 49: 582-588. http://dx.doi.org/10.1007/s12031-012-9871-9.

de Morais, WG; Kamimura, ES; Ribeiro, EJ; Pessela, BC; Cardoso, VL; de Resende, MM. (2016). Optimization of the production and characterization of lipase from Candida rugosa and Geotrichum candidum in soybean molasses by submerged fermentation. Protein Expr Purif 123: 26-34. http://dx.doi.org/10.1016/j.pep.2016.04.001.

Deindl, S; Hwang, WL; Hota, SK; Blosser, TR; Prasad, P; Bartholomew, B; Zhuang, X. (2013). ISWI remodelers slide nucleosomes with coordinated multi-base-pair entry steps and single-base-pair exit steps. Cell 152: 442-452. http://dx.doi.org/10.1016/j.cell.2012.12.040.

Depry, JL; Reed, KB; Cook-Norris, RH; Brewer, JD. (2011). Iatrogenic immunosuppression and cutaneous malignancy [Review]. Clin Dermatol 29: 602-613. http://dx.doi.org/10.1016/j.clindermatol.2011.08.009.

Diéras, V; Campone, M; Yardley, DA; Romieu, G; Valero, V; Isakoff, SJ; Koeppen, H; Wilson, TR; Xiao, Y; Shames, DS; Mocci, S; Chen, M; Schmid, P. (2015). Randomized, phase II, placebo-controlled trial of onartuzumab and/or bevacizumab in combination with weekly paclitaxel in patients with metastatic triple-negative breast cancer. Ann Oncol 26: 1904-1910. http://dx.doi.org/10.1093/annonc/mdv263.

Dittami, SM; Hostyeva, V; Egge, ES; Kegel, JU; Eikrem, W; Edvardsen, B. (2013). Seasonal dynamics of harmful algae in outer Oslofjorden monitored by microarray, qPCR, and microscopy. Environ Sci Pollut Res Int 20: 6719-6732. http://dx.doi.org/10.1007/s11356-012-1392-0.

Dong, WC; Zhang, JF; Hou, ZL; Jiang, XH; Zhang, FC; Zhang, HF; Jiang, Y. (2013). The influence of volume ratio of ultrafiltrate of sample on the analysis of non-protein binding drugs in human plasma. Analyst 138: 7369-7375. http://dx.doi.org/10.1039/c3an01244a.

Donigan, KA; Cerritelli, SM; Mcdonald, JP; Vaisman, A; Crouch, RJ; Woodgate, R. (2015). Unlocking the steric gate of DNA polymerase η leads to increased genomic instability in Saccharomyces cerevisiae. DNA Repair 35: 1-12. http://dx.doi.org/10.1016/j.dnarep.2015.07.002.

Donkervoort, S; Schindler, A; Tesi-Rocha, C; Schreiber, A; Leach, ME; Dastgir, J; Hu, Y; Mankodi, A; Wagner, KR; Friedman, NR; Bönnemann, CG. (2013). 'Double trouble': diagnostic challenges in Duchenne muscular dystrophy in patients with an additional hereditary skeletal dysplasia. 23: 955-961. http://dx.doi.org/10.1016/j.nmd.2013.08.003.

Donmez-Altuntas, H; Sahin, F; Bayram, F; Bitgen, N; Mert, M; Guclu, K; Hamurcu, Z; Arıbas, S; Gundogan, K; Diri, H. (2014). Evaluation of chromosomal damage, cytostasis, cytotoxicity, oxidative DNA damage and their association with body-mass index in obese subjects. Mutat Res Genet Toxicol Environ Mutagen 771: 30-36. http://dx.doi.org/10.1016/j.mrgentox.2014.06.006.

dos Santos, JC; Rueda, N; Gonçalves, LR; Fernandez-Lafuente, R. (2015). Tuning the catalytic properties of lipases immobilized on divinylsulfone activated agarose by altering its nanoenvironment. Enzyme Microb Technol 77: 1-7. http://dx.doi.org/10.1016/j.enzmictec.2015.05.001.

Dröge, W; Breitkreutz, R. (2000). Glutathione and immune function. Proc Nutr Soc 59: 595-600.

Dröge, W; Schulze-Osthoff, K; Mihm, S; Galter, D; Schenk, H; Eck, HP; Roth, S; Gmünder, H. (1994). Functions of glutathione and glutathione disulfide in immunology and immunopathology [Review]. FASEB J 8: 1131-1138.

Drummond, JC; Blake, JL; Patel, PM; Clopton, P; Schulteis, G. (2013). An observational study of the influence of "white-coat hypertension" on day-of-surgery blood pressure determinations. J Neurosurg Anesthesiol 25: 154-161. http://dx.doi.org/10.1097/ANA.0b013e31827a0151.

Dutta, S; Gupta, ML. (2014). Alleviation of radiation-induced genomic damage in human peripheral blood lymphocytes by active principles of Podophyllum hexandrum: an in vitro study using chromosomal and CBMN assay. Mutagenesis 29: 139-147. http://dx.doi.org/10.1093/mutage/get071.

Eckert, E; Göen, T. (2014). Rapid determination of four short-chain alkyl mercapturic acids in human urine by column-switching liquid chromatography-tandem mass spectrometry. J Chromatogr B Analyt Technol Biomed Life Sci 965: 54-60. http://dx.doi.org/10.1016/j.jchromb.2014.06.009.

Edgren, G; Liang, L; Adami, HO; Chang, ET. (2012). Enigmatic sex disparities in cancer incidence. Eur J Epidemiol 27: 187-196. http://dx.doi.org/10.1007/s10654-011-9647-5.

El Ramy, R; Ould Elhkim, M; Lezmi, S; Poul, JM. (2007). Evaluation of the genotoxic potential of 3-monochloropropane-1,2-diol (3-MCPD) and its metabolites, glycidol and beta-chlorolactic acid, using the single cell gel/comet assay. Food Chem Toxicol 45: 41-48. http://dx.doi.org/10.1016/j.fct.2006.07.014.

El-Zein, RA; Lopez, MS; D'Amelio, AM; Liu, M; Munden, RF; Christiani, D; Su, L; Tejera-Alveraz, P; Zhai, R; Spitz, MR; Etzel, CJ. (2014). The cytokinesis-blocked micronucleus assay as a strong predictor of lung cancer: extension of a lung cancer risk prediction model. Cancer Epidemiol Biomarkers Prev 23: 2462-2470. http://dx.doi.org/10.1158/1055-9965.EPI-14-0462.

ET, S; Singh, J; KL, K; JJ, S. (1994). Propylene oxide mutagenesis at template cytosine residues. Environ Mol Mutagen 23(4): 274-280. (Supported by the Center for Indoor Air Research and NIH. Authors affiliated with. Environ Mol Mutagen 23: 274-280.

Human Health Hazard Literature Search Results

Off Topic

Fahiminiya, S; Almuriekhi, M; Nawaz, Z; Staffa, A; Lepage, P; Ali, R; Hashim, L; Schwartzentruber, J; Abu Khadija, K; Zaineddin, S; Gamal, H; Majewski, J; Ben-Omran, T. (2014). Whole exome sequencing unravels disease-causing genes in consanguineous families in Qatar. Clin Genet 86: 134-141. http://dx.doi.org/10.1111/cge.12280.

Fan, N; Jonas, JB; He, F; Yan, NH; Wang, Y; Liu, L; Liu, DL; Zhao, L; Pang, IH; Liu, XY. (2015). A novel frameshift deletion in the COL1A1 gene identified in a Chinese family with osteogenesis imperfecta. Genet Mol Res 14: 15295-15300. http://dx.doi.org/10.4238/2015.November.30.5.

Fan, S; Yao, X; Liu, J, in; Dong, X; Mao, T; Wang, J. (2016). Characterization and fine mapping of osh15(t), a novel dwarf mutant gene in rice (Oryza sativa L.). Genes and Genomics 38: 849-856. http://dx.doi.org/10.1007/s13258-016-0430-6.

Fazeli, W; Kaczmarek, S; Kirschstein, M; Santer, R. (2015). A novel mutation within the lactase gene (LCT): the first report of congenital lactase deficiency diagnosed in Central Europe. BMC Gastroenterol 15: 90. http://dx.doi.org/10.1186/s12876-015-0316-0.

Feng, Y; Chen, HL; Chiu, CH. (2013). Differential genomic variation between short- and long-term bacterial evolution revealed by ultradeep sequencing. 5: 572-577. http://dx.doi.org/10.1093/gbe/evt031.

Feng, Z; Mao, Y; Xu, N; Zhang, B; Wei, P; Yang, DL; Wang, Z; Zhang, Z; Zheng, R; Yang, L; Zeng, L; Liu, X; Zhu, JK. (2014). Multigeneration analysis reveals the inheritance, specificity, and patterns of CRISPR/Cas-induced gene modifications in Arabidopsis. Proc Natl Acad Sci USA 111: 4632-4637. http://dx.doi.org/10.1073/pnas.1400822111.

Fernández, MF; Arrebola, JP; Jiménez-Díaz, I; Sáenz, JM; Molina-Molina, JM; Ballesteros, O; Kortenkamp, A; Olea, N. (2015). Bisphenol A and other phenols in human placenta from children with cryptorchidism or hypospadias. Reprod Toxicol 59: 89-95. http://dx.doi.org/10.1016/j.reprotox.2015.11.002.

Ferrante, V; Mugnai, C; Ferrari, L; Marelli, SP; Spagnoli, E; Lolli, S. (2016). Stress and reactivity in three Italian chicken breeds. Italian Journal of Animal Science 15: 303-309. http://dx.doi.org/10.1080/1828051X.2016.1185978.

Fox, ER; Musani, SK; Singh, P; Bidulescu, A; Nagarajarao, HS; Samdarshi, TE; Steffes, MW; Wang, TJ; Taylor, HA; Vasan, RS. (2013). Association of plasma B-type natriuretic peptide concentrations with longitudinal blood pressure tracking in African Americans: findings from the Jackson Heart Study. Hypertension 61: 48-54. http://dx.doi.org/10.1161/HYPERTENSIONAHA.112.197657.

Frederiksen, H; Nielsen, O; Skakkebaek, NE; Juul, A; Andersson, AM. (2016). UV filters analyzed by isotope diluted TurboFlow-LC-MS/MS in urine from Danish children and adolescents. Int J Hyg Environ Health. http://dx.doi.org/10.1016/j.ijheh.2016.08.005.

Fürst, S; Souvatzoglou, M; Martinez-Möller, A; Schwaiger, M; Nekolla, SG; Ziegler, SI. (2014). Impact of flexible body surface coil and patient table on PET quantification and image quality in integrated PET/MR. Nuklearmedizin 53: 79-87. http://dx.doi.org/10.3413/Nukmed-0608-13-07.

Garcia-Galan, C; Barbosa, O; Hernandez, K; dos Santos, JC; Rodrigues, RC; Fernandez-Lafuente, R. (2014). Evaluation of styrene-divinylbenzene beads as a support to immobilize lipases. Molecules 19: 7629-7645. http://dx.doi.org/10.3390/molecules19067629.

Garde, A; Sörnmo, L; Laguna, P; Jané, R; Benito, S; Bayés-Genís, A; Giraldo, BF. (2017). Assessment of respiratory flow cycle morphology in patients with chronic heart failure. Med Biol Eng Comput 55: 245-255. http://dx.doi.org/10.1007/s11517-016-1498-5.

Gast, AC; Metzger, J; Tipold, A; Distl, O. (2016). Genome-wide association study for hereditary ataxia in the Parson Russell Terrier and DNA-testing for ataxia-associated mutations in the Parson and Jack Russell Terrier. BMC Vet Res 12: 225. http://dx.doi.org/10.1186/s12917-016-0862-x.

Giraldo, BF; Tellez, JP; Herrera, S; Benito, S. (2013). Study of the oscillatory breathing pattern in elderly patients. Conf Proc IEEE Eng Med Biol Soc 2013: 5228-5231. http://dx.doi.org/10.1109/EMBC.2013.6610727.

Graul, F. (2012). Summary of data on workplace exposure to n-Propylbromide. Arlington, Va: Graul, F. http://ntp.niehs.nih.gov/ntp/roc/nominations/2012/publiccomm/graul_bp20120228.pdf.

Grønskov, K; Dooley, CM; Østergaard, E; Kelsh, RN; Hansen, L; Levesque, MP; Vilhelmsen, K; Møllgård, K; Stemple, DL; Rosenberg, T. (2013). Mutations in c10orf11, a melanocyte-differentiation gene, cause autosomal-recessive albinism. Am J Hum Genet 92: 415-421. http://dx.doi.org/10.1016/j.ajhg.2013.01.006.

Guan, H; Xu, X; He, C; Liu, C; Liu, Q; Dong, R; Liu, T; Wang, L. (2016). Fine Mapping and Candidate Gene Analysis of the Leaf-Color Gene ygl-1 in Maize. PLoS ONE 11: e0153962. http://dx.doi.org/10.1371/journal.pone.0153962.

Guan, YX; Chen, LJ; Chen, P; Fu, XQ; Niu, LB. (2016). [Influence of MnO3 on Photoelectric Performance in Organic Light Emitting Diodes]. Guang Pu Xue Yu Guang Pu Fen Xi 36: 648-652.

Guo, X; Wang, X. (2016). Phyllanthus emblica Fruit Extract Activates Spindle Assembly Checkpoint, Prevents Mitotic Aberrations and Genomic Instability in Human Colon Epithelial NCM460 Cells. International Journal of Molecular Sciences 17. http://dx.doi.org/10.3390/ijms17091437.

Gusev, AN; Shul'gin, VF; Nishimenko, G; Hasegawa, M; Linert, W. (2013). Photo- and electroluminescent properties europium complexes using bistriazole ligands. Synthetic Metals 164: 17-21. http://dx.doi.org/10.1016/j.synthmet.2012.12.020.

Guyton, KZ; Kyle, AD; Aubrecht, J; Cogliano, VJ; Eastmond, DA; Jackson, M; Keshava, N; Sandy, MS; Sonawane, B; Zhang, LP; Waters, MD; Smith, MT. (2009). Improving prediction of chemical carcinogenicity by considering multiple mechanisms and applying toxicogenomic approaches [Review]. Mutat Res Rev Mutat Res 681: 230-240. http://dx.doi.org/10.1016/j.mrrev.2008.10.001.

Hamdane, N; Stefanovsky, VY; Tremblay, MG; Németh, A; Paquet, E; Lessard, F; Sanij, E; Hannan, R; Moss, T. (2014). Conditional inactivation of Upstream Binding Factor reveals its epigenetic functions and the existence of a somatic nucleolar precursor body. PLoS Genet 10: e1004505. http://dx.doi.org/10.1371/journal.pgen.1004505.

Hamdane, N; Tremblay, MG; Dillinger, S; Stefanovsky, VY; Németh, A; Moss, T. (2016). Disruption of the UBF gene induces aberrant somatic nucleolar bodies and disrupts embryo nucleolar precursor bodies. Gene. http://dx.doi.org/10.1016/j.gene.2016.09.013.

Han, S; Hong, S; Mo, J; Lee, D; Choi, E; Choi, JS; Sun, W; Lee, HW; Kim, H. (2014). Impaired extinction of learned contextual fear memory in early growth response 1 knockout mice. Molecules and Cells 37: 24-30. http://dx.doi.org/10.14348/molcells.2014.2206.

Human Health Hazard Literature Search Results

Off Topic

Hanley, K; Curwin, B; Sanderson, W; Johnson, B. (2005). Workers' exposures to n- propyl bromide in two foam fabricating plants manufacturing furniture polyurethane seat cushions in north carolina. Hanley, K; Curwin, B; Sanderson, W; Johnson, B.

Hanley, KW; Dunn, K. (2006). Workers' exposures to n-propyl bromide at a helicopter transmission factory. Hanley, KW; Dunn, K.

Hänninen, RL; Ahonen, S; Màrquez, M; Myöhänen, MJ; Hytönen, MK; Lohi, H. (2015). Canine MPV17 truncation without clinical manifestations. 4: 1253-1258. http://dx.doi.org/10.1242/bio.013870.

Haselman, JT; Sakurai, M; Watanabe, N; Goto, Y; Onishi, Y; Ito, Y; Onoda, Y; Kosian, PA; Korte, JJ; Johnson, RD; Iguchi, T; Degitz, SJ. (2016). Development of the Larval Amphibian Growth and Development Assay: Effects of benzophenone-2 exposure in Xenopus laevis from embryo to juvenile. J Appl Toxicol 36: 1651-1661. http://dx.doi.org/10.1002/jat.3336.

Hassan, N; El-Bassossy, HM; Zakaria, MN. (2013). Heme oxygenase-1 induction protects against hypertension associated with diabetes: effect on exaggerated vascular contractility. Naunyn Schmiedebergs Arch Pharmacol 386: 217-226. http://dx.doi.org/10.1007/s00210-012-0822-3.

He, S; Minton, AZ; Ma, HY; Stankowska, DL; Sun, X; Krishnamoorthy, RR. (2013). Involvement of AP-1 and C/EBPβ in upregulation of endothelin B (ETB) receptor expression in a rodent model of glaucoma. PLoS ONE 8: e79183. http://dx.doi.org/10.1371/journal.pone.0079183.

Hermida, RC; Ayala, DE; Crespo, JJ; Mojón, A; Chayán, L; Fontao, MJ; Fernández, JR. (2013). Influence of age and hypertension treatment-time on ambulatory blood pressure in hypertensive patients. Chronobiol Int 30: 176-191. http://dx.doi.org/10.3109/07420528.2012.701131.

Hermida, RC; Ayala, DE; Mojón, A; Fernández, JR. (2016). Bedtime ingestion of hypertension medications reduces the risk of new-onset type 2 diabetes: a randomised controlled trial. Diabetologia 59: 255-265. http://dx.doi.org/10.1007/s00125-015-3749-7.

Hermida, RC; Ayala, DE; Ríos, MT; Fernández, JR; Mojón, A; Smolensky, MH. (2014). Around-the-clock ambulatory blood pressure monitoring is required to properly diagnose resistant hypertension and assess associated vascular risk [Review]. Curr Hypertens Rep 16: 445. http://dx.doi.org/10.1007/s11906-014-0445-9.

Himi, E; Taketa, S. (2015). Isolation of candidate genes for the barley Ant1 and wheat Rc genes controlling anthocyanin pigmentation in different vegetative tissues. Mol Genet Genomics 290: 1287-1298. http://dx.doi.org/10.1007/s00438-015-0991-0.

Hiraki, T; Nakasone, K; Hosono, K; Kawabata, Y; Nagahama, Y; Okubo, K. (2014). Neuropeptide B is female-specifically expressed in the telencephalic and preoptic nuclei of the medaka brain. Endocrinology 155: 1021-1032. http://dx.doi.org/10.1210/en.2013-1806.

HM, S; HA, A-W; M, M. (2008). Gamma-aminobutyric acid, a potential tumor suppressor for small airway-derived lung adenocarcinoma. Carcinogenesis 29(10): 1979-1985. (Supported by the National Cancer Institute. Authors affiliated with. Carcinogenesis 29: 1979-1985. http://dx.doi.org/10.1093/carcin/bgn041.

Horwitz, BA; Chau, SM; Hamilton, JS; Song, C; Gorgone, J; Saenz, M; Horowitz, JM; Chen, CY. (2013). Temporal relationships of blood pressure, heart rate, baroreflex function, and body temperature change over a hibernation bout in Syrian hamsters. Am J Physiol Regul Integr Comp Physiol 305: R759-R768. http://dx.doi.org/10.1152/ajpregu.00450.2012.

Hou, J; Jiang, P; Qi, S; Zhang, K; He, Q; Xu, C; Ding, Z; Zhang, K; Li, K. (2016). Isolation and Functional Validation of Salinity and Osmotic Stress Inducible Promoter from the Maize Type-II H+-Pyrophosphatase Gene by Deletion Analysis in Transgenic Tobacco Plants. PLoS ONE 11: e0154041. http://dx.doi.org/10.1371/journal.pone.0154041.

Howard, MF; Murakami, Y; Pagnamenta, AT; Daumer-Haas, C; Fischer, B; Hecht, J; Keays, DA; Knight, SJ; Kölsch, U; Krüger, U; Leiz, S; Maeda, Y; Mitchell, D; Mundlos, S; Phillips, JA; Robinson, PN; Kini, U; Taylor, JC; Horn, D; Kinoshita, T; Krawitz, PM. (2014). Mutations in PGAP3 impair GPI-anchor maturation, causing a subtype of hyperphosphatasia with mental retardation. Am J Hum Genet 94: 278-287. http://dx.doi.org/10.1016/j.ajhg.2013.12.012.

Hu, F; Meng, Y; Gou, L; Zhang, X. (2013). Analysis of promoters and CREB/AP-1 binding sites of the human TMEM174 gene. Exp Ther Med 6: 1290-1294. http://dx.doi.org/10.3892/etm.2013.1275.

Hu, GF; Liu, XJ; Zou, GW; Li, Z; Liang, HW; Hu, SN. (2016). Complete mitochondrial genome of Yangtze River wild common carp (Cyprinus carpio haematopterus) and Russian scattered scale mirror carp (Cyprinus carpio carpio). 27: 263-264. http://dx.doi.org/10.3109/19401736.2014.883617.

Hyman, J; Leifer, Z; Rosenkranz, HS. (1980). THE E.COLI POL A1- ASSAY. A QUANTITATIVE PROCEDURE FOR DIFFUSIBLE AND NON-DIFFUSIBLE CHEMICALS (pp. 107-111). (ISSN 0027-5107; EISSN 1873-135X; EMICBACK/34544). Hyman, J; Leifer, Z; Rosenkranz, HS.

Hyun, Y; Kim, J; Cho, SW; Choi, Y; Kim, JS; Coupland, G. (2015). Site-directed mutagenesis in Arabidopsis thaliana using dividing tissue-targeted RGEN of the CRISPR/Cas system to generate heritable null alleles. Planta 241: 271-284. http://dx.doi.org/10.1007/s00425-014-2180-5.

IARC. (1994). Propylene oxide. In Some Industrial Chemicals. IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, vol. 60. 181-213.

IARC (International Agency for Research on Cancer). (2000). Glycidol In Some Industrial Chemicals in IARC Monographs on the Evaluation of Carcinogenic Risks to Humans. Vol. 77, 469-486. Lyon, France. http://monographs.iarc.fr/ENG/Monographs/vol77/mono77-19.pdf.

Ichihara, G; Li, W; Shibata, E; Ding, X; Wang, H; Li, J; Huang, F; Peng, S; Gu, B; Ichihara, S; Takeuchi, Y. (2006). Exposure to 1-bromopropane adversely affects vibration sense and nerve conduction velocity of lower limbs and central nervous system in workers [Abstract]. Clin Toxicol 44: 668.

Inoue, S; Ishii, A; Shirotani, G; Tsutsumi, M; Ohta, E; Nakamura, M; Mori, T; Inoue, T; Nishimura, G; Ogawa, A; Hirose, S. (2014). Case of Desbuquois dysplasia type 1: potentially lethal skeletal dysplasia. Pediatrics International 56: e26-e29. http://dx.doi.org/10.1111/ped.12383.

Ionescu, EM; Nicolaie, T; Ionescu, MA; Becheanu, G; Andrei, F; Diculescu, M; Ciocirlan, M. (2015). Predictive cytogenetic biomarkers for colorectal neoplasia in medium risk patients. 8: 398-403.

Jacobs, MM; Massey, RI; Clapp, RW. (2013). The burden of cancer from organic chemicals. In DO Carpenter (Ed.), (pp. 26-56). Hoboken, NJ: Wiley. http://dx.doi.org/10.1002/9781118679654.ch3.

Human Health Hazard Literature Search Results

Off Topic

Jain, RB. (2015). Levels of selected urinary metabolites of volatile organic compounds among children aged 6-11 years. Environ Res 142: 461-470. http://dx.doi.org/10.1016/j.envres.2015.07.023.

Jankowski, A; Obara, P; Mathur, U; Tiuryn, J. (2016). Enhanceosome transcription factors preferentially dimerize with high mobility group proteins. BMC Syst Biol 10: 14. http://dx.doi.org/10.1186/s12918-016-0258-3.

Jenkins, CA; Forman, OP. (2015). Identification of a novel frameshift mutation in the DMD gene as the cause of muscular dystrophy in a Norfolk terrier dog. 2: 7. http://dx.doi.org/10.1186/s40575-015-0019-4.

Jennifer, SJ; Thomas Muthiah, P. (2013). Supramolecular architectures and structural diversity in a series of lead (II) Chelates involving 5-Chloro/Bromo thiophene-2-carboxylate and N,N'-donor ligands. Chemistry Central Journal 7: 139. http://dx.doi.org/10.1186/1752-153X-7-139.

Ji, SH; Gururani, MA; Lee, JW; Ahn, BO; Chun, SC. (2014). Isolation and characterisation of a dwarf rice mutant exhibiting defective gibberellins biosynthesis. Plant Biol (Stuttg) 16: 428-439. http://dx.doi.org/10.1111/plb.12069.

Jia, J; Shafiee-Kermani, F; Miller, WL. (2013). Gonadotrope-specific expression and regulation of ovine follicle stimulating hormone Beta: transgenic and adenoviral approaches using primary murine gonadotropes. PLoS ONE 8: e66852. http://dx.doi.org/10.1371/journal.pone.0066852.

Jimbo, T; Masumoto, K; Urita, Y; Takayasu, H; Shinkai, T; Uesugi, T; Gotoh, C; Sakamoto, N; Sasaki, T; Oto, T; Fukushima, T; Noguchi, E; Nakano, Y. (2014). Nevoid basal cell carcinoma syndrome with a unilateral giant ovarian fibroma in a Japanese 6-year-old girl. Eur J Pediatr 173: 667-670. http://dx.doi.org/10.1007/s00431-013-2200-7.

Jiménez-Díaz, I; Artacho-Cordón, F; Vela-Soria, F; Belhassen, H; Arrebola, JP; Fernández, MF; Ghali, R; Hedhili, A; Olea, N. (2016). Urinary levels of bisphenol A, benzophenones and parabens in Tunisian women: A pilot study. Sci Total Environ 562: 81-88. http://dx.doi.org/10.1016/j.scitotenv.2016.03.203.

Jing, Y; Kumar, PR; Zhu, L; Edward, DP; Tao, S; Wang, L; Chuck, R; Zhang, C. (2014). Novel decorin mutation in a Chinese family with congenital stromal corneal dystrophy. Cornea 33: 288-293. http://dx.doi.org/10.1097/ICO.0000000000000055.

JL, W. (2012). Establishing the carcinogenic risk of immunomodulatory drugs. Toxicol Pathol 40(2): 267-271. (Support not reported. Author affiliated with U.S. Toxicol Pathol 40: 267-271. http://dx.doi.org/10.1177/0192623311427711.

Johnson, CW; Williams, WC; Copeland, CB; Devito, MJ; Smialowicz, RJ. (2000). Sensitivity of the SRBC PFC assay versus ELISA for detection of immunosuppression by TCDD and TCDD-like congeners. Toxicology 156: 1-11.

Kadekar, S; Peddada, S; Silins, I; French, JE; Högberg, J; Stenius, U. (2012). Gender differences in chemical carcinogenesis in National Toxicology Program 2-year bioassays. Toxicol Pathol 40: 1160-1168. http://dx.doi.org/10.1177/0192623312446527.

Kadyrova, LY; Dahal, BK; Kadyrov, FA. (2015). Evidence that the DNA mismatch repair system removes 1-nucleotide Okazaki fragment flaps. J Biol Chem 290: 24051-24065. http://dx.doi.org/10.1074/jbc.M115.660357.

Kadyrova, LY; Mertz, TM; Zhang, Y; Northam, MR; Sheng, Z; Lobachev, KS; Shcherbakova, PV; Kadyrov, FA. (2013). A reversible histone H3 acetylation cooperates with mismatch repair and replicative polymerases in maintaining genome stability. PLoS Genet 9: e1003899. http://dx.doi.org/10.1371/journal.pgen.1003899.

Kang, HS; Ko, A; Kwon, JE; Kyung, MS; Moon, GI; Park, JH; Lee, HS; Suh, JH; Lee, JM; Hwang, MS; Kim, K; Hong, JH; Hwang, IG. (2016). Urinary benzophenone concentrations and their association with demographic factors in a South Korean population. Environ Res 149: 1-7. http://dx.doi.org/10.1016/j.envres.2016.04.036.

Kastner, S; Thiemann, IJ; Dekomien, G; Petrasch-Parwez, E; Schreiber, S; Akkad, DA; Gerding, WM; Hoffjan, S; Günes, S; Günes, S; Bagci, H; Epplen, JT. (2015). Exome Sequencing Reveals AGBL5 as Novel Candidate Gene and Additional Variants for Retinitis Pigmentosa in Five Turkish Families. Invest Ophthalmol Vis Sci 56: 8045-8053. http://dx.doi.org/10.1167/iovs.15-17473.

Katayama, T; Tanaka, Y; Okabe, T; Nakamura, H; Fujii, W; Kitamoto, K; Maruyama, J. (2016). Development of a genome editing technique using the CRISPR/Cas9 system in the industrial filamentous fungus Aspergillus oryzae. Biotechnol Lett 38: 637-642. http://dx.doi.org/10.1007/s10529-015-2015-x.

Kawai, T; Takeuchi, A; Miyama, Y; Sakamto, K; Zhang, ZW; Higashikawa, K; Ikeda, M. (2001). Biological monitoring of occupational exposure to 1-bromopropane by means of urinalysis for 1-bromopropane and bromide ion. Biomarkers 6: 303-312. http://dx.doi.org/10.1080/13547500110034817.

Khairy, H; Wübbeler, JH; Steinbüchel, A. (2015). Biodegradation of the organic disulfide 4,4'-dithiodibutyric acid by Rhodococcus spp. Appl Environ Microbiol 81: 8294-8306. http://dx.doi.org/10.1128/AEM.02059-15.

Kim, B; Lee, J; Park, Y; Lee, C; Park, JW. (2014). Highly efficient new hole injection materials for organic light emitting diodes base on phenothiazine derivatives. J Nanosci Nanotechnol 14: 6404-6408. http://dx.doi.org/10.1166/jnn.2014.8456.

Kim, KH; Jeon, YP; Choo, DC; Kim, TW. (2015). Luminance Mechanisms of White Organic Light-Emitting Devices Fabricated Utilizing a Charge Generation Layer with a Light-Emitting Function. J Nanosci Nanotechnol 15: 5220-5223. http://dx.doi.org/10.1166/jnn.2015.10367.

Kim, MH; Bae, YJ; Lee, HK; Lee, YR; Lee, DH; Bae, K; Koh, SB; Namgoong, MK; Cha, BH; Lee, HY. (2013). Interleukin-21 receptor gene polymorphisms in kawasaki disease. Korean Circulation Journal 43: 38-43. http://dx.doi.org/10.4070/kcj.2013.43.1.38.

Kim, S; Choi, K. (2014). Occurrences, toxicities, and ecological risks of benzophenone-3, a common component of organic sunscreen products: a mini-review [Review]. Environ Int 70: 143-157. http://dx.doi.org/10.1016/j.envint.2014.05.015.

Kim, S; Jung, D; Kho, Y; Choi, K. (2014). Effects of benzophenone-3 exposure on endocrine disruption and reproduction of Japanese medaka (Oryzias latipes)-A two generation exposure study. Aquat Toxicol 155: 244-252. http://dx.doi.org/10.1016/j.aquatox.2014.07.004.

Kim, Y; Park, J; Moon, Y. (1999). Hematopoietic and reproductive toxicity of 2- bromopropane, a recently introduced substitute for chlorofluorocarbons. Toxicol Lett 108(2-3): 309-313. (Support not reported. Authors affiliated with. 108: 309-313.

Kircik, LH; Bhatt, V; Martin, G; Pillai, R. (2016). Randomized, Double-Blind, Split-Face Study to Compare the Irritation Potential of Two Topical Acne Formulations Over a 21-Day Treatment Period. J Drugs Dermatol 15: 178-182.

Human Health Hazard Literature Search Results

Off Topic

Kloos, C; Müller, N; Hartmann, P; Lehmann, T; Sämann, A; Roth, J; Wolf, G; Müller, UA. (2016). High Quality of Diabetes Care Based Upon Individualised Treatment Goals - A Cross Sectional Study in 4784 Patients in Germany. 124: 294-299. http://dx.doi.org/10.1055/s-0035-1569380.

Knoppel, H; Schauenburg, H. (1989). Screening of household products for the emission of volatile organic compounds. Environ Int 15: 413-418. http://dx.doi.org/10.1016/0160-4120(89)90056-1.

Ko, A; Kang, HS; Park, JH; Kwon, JE; Moon, GI; Hwang, MS; Hwang, IG. (2016). The Association Between Urinary Benzophenone Concentrations and Personal Care Product Use in Korean Adults. Arch Environ Contam Toxicol 70: 640-646. http://dx.doi.org/10.1007/s00244-015-0240-x.

Koebnick, C; Black, MH; Wu, J; Martinez, MP; Smith, N; Kuizon, BD; Jacobsen, SJ; Reynolds, K. (2013). The prevalence of primary pediatric prehypertension and hypertension in a real-world managed care system. J Clin Hypertens (Greenwich) 15: 784-792. http://dx.doi.org/10.1111/jch.12173.

Koh, DI; An, H; Kim, MY; Jeon, BN; Choi, SH; Hur, SS; Hur, MW. (2015). Transcriptional activation of APAF1 by KAISO (ZBTB33) and p53 is attenuated by RelA/p65. Biochim Biophys Acta 1849: 1170-1178. http://dx.doi.org/10.1016/j.bbagrm.2015.07.008.

Kohno, M; Ohara, K; Horibe, T; Kawakami, K. (2014). Inhibition of Neurite Outgrowth by a Neuropilin-1 Binding Peptide Derived from Semaphorin 3A. International Journal of Peptide Research and Therapeutics 20: 153-160. http://dx.doi.org/10.1007/s10989-013-9379-3.

Kolman, A; Spivak, I; Näslund, M; Dusinská, M; Cedervall, B. (1997). Propylene oxide and epichlorohydrin induce DNA strand breaks in human diploid fibroblasts. Environ Mol Mutagen 30: 40-46.

Kondo, M; Hirai, H; Furukawa, T; Yoshida, Y; Suzuki, A; Kawaguchi, T; Che, FS. (2016). Frameshift Mutation Confers Function as Virulence Factor to Leucine-Rich Repeat Protein from Acidovorax avenae. Front Plant Sci 7: 1988. http://dx.doi.org/10.3389/fpls.2016.01988.

Kondo, T; Nakamori, T; Nagai, H; Takeshita, A; Kusakabe, KT; Okada, T. (2016). A novel spontaneous mutation of BCAR3 results in extrusion cataracts in CF#1 mouse strain. Mamm Genome 27: 451-459. http://dx.doi.org/10.1007/s00335-016-9653-8.

Koné, MC; Fleurot, R; Chebrout, M; Debey, P; Beaujean, N; Bonnet-Garnier, A. (2016). Three-Dimensional Distribution of UBF and Nopp140 in Relationship to Ribosomal DNA Transcription During Mouse Preimplantation Development. Biol Reprod 94: 95. http://dx.doi.org/10.1095/biolreprod.115.136366.

Kong, XD; Liu, N; Shi, HR; Yang, YX. (2014). A novel 1-bp deletion mutation of the EDA gene in a Chinese Han family with X-linked hypohidrotic ectodermal dysplasia [Letter]. J Dermatol 41: 659-661. http://dx.doi.org/10.1111/1346-8138.12431.

Krause, M; Andersson, AM; Skakkebaek, NE; Frederiksen, H. (2017). Exposure to UV filters during summer and winter in Danish kindergarten children. Environ Int 99: 177-184. http://dx.doi.org/10.1016/j.envint.2016.11.011.

Kumpf, M; Hämäläinen, RH; Hofbeck, M; Baden, W. (2013). Refractory congestive heart failure following delayed pericardectomy in a 12-year-old child with Mulibrey nanism due to a novel mutation in TRIM37. Eur J Pediatr 172: 1415-1418. http://dx.doi.org/10.1007/s00431-013-1962-2.

Kuschal, C; Thoms, KM; Schubert, S; Schäfer, A; Boeckmann, L; Schön, MP; Emmert, S. (2012). Skin cancer in organ transplant recipients: effects of immunosuppressive medications on DNA repair [Review]. Experimental Dermatology Online 21: 2-6. http://dx.doi.org/10.1111/j.1600-0625.2011.01413.x.

Kyogoku, H; Kitajima, TS; Miyano, T. (2014). Nucleolus precursor body (NPB): a distinct structure in mammalian oocytes and zygotes [Review]. 5: 493-498. http://dx.doi.org/10.4161/19491034.2014.990858.

Lafeber, M; Grobbee, DE; Spiering, W; van Der Graaf, Y; Bots, ML; Visseren, FL; Group, SS. (2013). The combined use of aspirin, a statin, and blood pressure-lowering agents (polypill components) in clinical practice in patients with vascular diseases or type 2 diabetes mellitus. European Journal of Preventive Cardiology 20: 771-778. http://dx.doi.org/10.1177/2047487312449587.

Lafeber, M; Spiering, W; van der Graaf, Y; Nathoe, H; Bots, ML; Grobbee, DE; Visseren, FL. (2013). The combined use of aspirin, a statin, and blood pressure-lowering agents (polypill components) and the risk of vascular morbidity and mortality in patients with coronary artery disease. Am Heart J 166: 282-289.e281. http://dx.doi.org/10.1016/j.ahj.2013.04.011.

Langaee, TY; Zhu, HJ; Wang, X; El Rouby, N; Markowitz, JS; Goldstein, JA; Johnson, JA. (2014). The influence of the CYP2C19*10 allele on clopidogrel activation and CYP2C19*2 genotyping. Pharmacogenet Genomics 24: 381-386. http://dx.doi.org/10.1097/FPC.0000000000000068.

Lavrentyeva, E; Shishova, K; Kagarlitsky, G; Zatsepina, O. (2015). Localisation of RNAs and proteins in nucleolar precursor bodies of early mouse embryos. Reprod Fertil Dev. http://dx.doi.org/10.1071/RD15200.

Lee, CY; Ruel, I; Denis, M; Genest, J; Kiss, RS. (2013). Cholesterol trapping in Niemann-Pick disease type B fibroblasts can be relieved by expressing the phosphotyrosine binding domain of GULP. Journal of Clinical Lipidology 7: 153-164. http://dx.doi.org/10.1016/j.jacl.2012.02.006.

Lee, ES; Kim, M; Moon, S; Jekarl, DW; Lee, S; Kim, Y; Choi, GY. (2013). A new compound heterozygous mutation in the CYP17A1 gene in a female with 17α-hydroxylase/17,20-lyase deficiency. Gynecol Endocrinol 29: 720-723. http://dx.doi.org/10.3109/09513590.2013.798276.

Lee, J; Kim, B; Park, Y; Kim, S; Park, J. (2014). Fluorine effects in new indenofluorenedione derivatives for electron transporting layer in OLED devices. J Nanosci Nanotechnol 14: 6431-6434. http://dx.doi.org/10.1166/jnn.2014.8807.

Lee, S; Rajan, S; Jeon, G; Chang, JH; Dajani, HR; Groza, VZ. (2015). Oscillometric blood pressure estimation by combining nonparametric bootstrap with Gaussian mixture model. Comput Biol Med. http://dx.doi.org/10.1016/j.compbiomed.2015.11.008.

Lee, SK, yu; Lee, DJ, u; Jeong, H; Bista, SR; Kang, M, iJ; Lee, ES; Son, JK; Nam, D, ooH; Chang, HW; Lee, SH, o; Jahng, Y; Jeong, T, aeC. (2007). Hepatotoxic and immunotoxic effects produced by 1,3-dibromopropane and its conjugation with glutathione in female BALB/c mice. J Toxicol Environ Health A 70: 1381-1390. http://dx.doi.org/10.1080/15287390701434489.

Human Health Hazard Literature Search Results

Off Topic

Lee, SL; Thomas, P; Fenech, M. (2014). Extracellular amyloid beta 42 causes necrosis, inhibition of nuclear division, and mitotic disruption under both folate deficient and folate replete conditions as measured by the cytokinesis-block micronucleus cytome assay. Environ Mol Mutagen 55: 1-14. http://dx.doi.org/10.1002/em.21811.

Lee, SL; Thomas, P; Hecker, J; Faunt, J; Fenech, M. (2015). Chromosomal DNA damage measured using the cytokinesis-block micronucleus cytome assay is significantly associated with cognitive impairment in South Australians. Environ Mol Mutagen 56: 32-40. http://dx.doi.org/10.1002/em.21890.

Lee, YW. (2013). Clinical and genetic analysis in a patient with primary renal glucosuria: Identification of a novel mutation in the SLC5A2 gene. Exp Ther Med 6: 1532-1534. http://dx.doi.org/10.3892/etm.2013.1326.

Leutermann, R; Sheikhzadeh, S; Brockstädt, L; Rybczynski, M; van Rahden, V; Kutsche, K; von Kodolitsch, Y; Rosenberger, G. (2014). A 1-bp duplication in TGFB2 in three family members with a syndromic form of thoracic aortic aneurysm. Eur J Hum Genet 22: 944-948. http://dx.doi.org/10.1038/ejhg.2013.252.

Lévy, E; Stolzenberg, MC; Bruneau, J; Breton, S; Neven, B; Sauvion, S; Zarhrate, M; Nitschké, P; Fischer, A; Magérus-Chatinet, A; Quartier, P; Rieux-Laucat, F. (2016). LRBA deficiency with autoimmunity and early onset chronic erosive polyarthritis. Clin Immunol 168: 88-93. http://dx.doi.org/10.1016/j.clim.2016.03.006.

Li, A; Li, B; Wu, L; Yang, L; Chen, N; Ma, Z. (2015). Identification of a novel NHS mutation in a Chinese family with Nance-Horan syndrome. Curr Eye Res 40: 434-438. http://dx.doi.org/10.3109/02713683.2014.959606.

Li, C; He, J; Chen, J; Zhao, J; Gu, D; Hixson, JE; Rao, DC; Jaquish, CE; Gu, CC; Chen, J; Huang, J; Chen, S; Kelly, TN. (2016). Genome-Wide Gene-Sodium Interaction Analyses on Blood Pressure: The Genetic Epidemiology Network of Salt-Sensitivity Study. Hypertension 68: 348-355. http://dx.doi.org/10.1161/HYPERTENSIONAHA.115.06765.

Li, J; Zhu, H; Feng, W; Liu, M; Song, Y; Zhang, X; Zhou, Y; Bei, W; Lei, B. (2013). Regulation of inhibition of neutrophil infiltration by the two-component regulatory system CovRS in subcutaneous murine infection with group A streptococcus. Infect Immun 81: 974-983. http://dx.doi.org/10.1128/IAI.01218-12.

Li, Y; Berkowitz, L; Noskin, G; Mehrotra, S. (2014). Detection of patient's bed statuses in 3D using a Microsoft Kinect. Conf Proc IEEE Eng Med Biol Soc 2014: 5900-5903. http://dx.doi.org/10.1109/EMBC.2014.6944971.

Li, Y; Wen, C; Weng, Y. (2013). Fine mapping of the pleiotropic locus B for black spine and orange mature fruit color in cucumber identifies a 50 kb region containing a R2R3-MYB transcription factor. Theor Appl Genet 126: 2187-2196. http://dx.doi.org/10.1007/s00122-013-2128-3.

Li, YY; Cassidy, F; Salmon, A; Keating, D; Herra, CM; Schaffer, K. (2015). Detection and epidemiology of plasmid-mediated AmpC β-lactamase producing Escherichia coli in two Irish tertiary care hospitals. 3: 242-246. http://dx.doi.org/10.1016/j.jgar.2015.06.004.

Li, Z; Wang, S; Gui, XL; Chang, XB; Gong, ZH. (2013). A further analysis of the relationship between yellow ripe-fruit color and the capsanthin-capsorubin synthase gene in pepper (Capsicum sp.) indicated a new mutant variant in C. annuum and a tandem repeat structure in promoter region. PLoS ONE 8: e61996. http://dx.doi.org/10.1371/journal.pone.0061996.

Lim, SM; Goh, YM; Kuan, WB; Loh, SP. (2014). Effect of germinated brown rice extracts on pancreatic lipase, adipogenesis and lipolysis in 3T3-L1 adipocytes. Lipids Health Dis 13: 169. http://dx.doi.org/10.1186/1476-511X-13-169.

Lintas, C; Sacco, R; Persico, AM. (2016). Differential methylation at the RELN gene promoter in temporal cortex from autistic and typically developing post-puberal subjects. Journal of Neurodevelopmental Disorders 8: 18. http://dx.doi.org/10.1186/s11689-016-9151-z.

Liu, C; Jia, W; Hua, Z; Qian, Z. (2017). Identification and analytical characterization of six synthetic cannabinoids NNL-3, 5 F-NPB-22-7 N, 5 F-AKB-48-7 N, 5 F-EDMB-PINACA, EMB-FUBINACA, and EG-018. Drug Testing and Analysis. http://dx.doi.org/10.1002/dta.2160.

Liu, H; Sun, P; Liu, H; Yang, S; Wang, L; Wang, Z. (2015). Hepatic oxidative stress biomarker responses in freshwater fish Carassius auratus exposed to four benzophenone UV filters. Ecotoxicol Environ Saf 119: 116-122. http://dx.doi.org/10.1016/j.ecoenv.2015.05.017.

Liu, N; Wang, X; Meng, H; Cui, T; Cheng, J; Xiao, J; Li, Z; Li, B. (2013). [Genetic damage in peripheral blood lymphocyte of 1,3-butadiene workers]. Wei Sheng Yan Jiu 42: 754-757.

Liu, X; Feng, H; Huang, D; Song, M; Fan, X; Xu, G. (2015). Two short sequences in OsNAR2.1 promoter are necessary for fully activating the nitrate induced gene expression in rice roots. Sci Rep 5: 11950. http://dx.doi.org/10.1038/srep11950.

Liu, Y; Zhang, JH; Gao, XB; Wu, XJ; Yu, J; Chen, JF; Bian, SZ; Ding, XH; Huang, L. (2014). Correlation between blood pressure changes and AMS, sleeping quality and exercise upon high-altitude exposure in young Chinese men. 1: 19. http://dx.doi.org/10.1186/2054-9369-1-19.

Louis, GM; Chen, Z; Kim, S; Sapra, KJ; Bae, J; Kannan, K. (2015). Urinary concentrations of benzophenone-type ultraviolet light filters and semen quality. Fertil Steril 104: 989-996. http://dx.doi.org/10.1016/j.fertnstert.2015.07.1129.

Lozano, G; Elmaghrabi, A; Salley, J; Siddique, K; Gattineni, J; Baum, M. (2015). Effect of prenatal programming and postnatal rearing on glomerular filtration rate in adult rats. Am J Physiol Renal Physiol 308: F411-F419. http://dx.doi.org/10.1152/ajprenal.00593.2014.

Lund, C; Brodtkorb, E; Øye, AM; Røsby, O; Selmer, KK. (2014). CHD2 mutations in Lennox-Gastaut syndrome. 33: 18-21. http://dx.doi.org/10.1016/j.yebeh.2014.02.005.

Lundgren, CE; Eckhardt, LG; Senf, CJ; Bowdwin, MR; Pendergast, DR. (2013). Negative pressure breathing increases cardiac output and nitrogen elimination in seated subjects. Undersea Hyperb Med 40: 403-410.

Luo, W; Fang, M; Xu, H; Xing, H; Nie, Q. (2015). Transcriptome comparison in the pituitary-adrenal axis between Beagle and Chinese Field dogs after chronic stress exposure. Anim Genet 46: 522-534. http://dx.doi.org/10.1111/age.12325.

Luo, X; Wen, Z; Du, L; Lv, W; Zhao, F; Tang, Y; Chen, Z; Peng, Y. (2016). Notably Improved Red Photoresponse of Organic Diode Employing Gold Nanoparticles Plasmonic Absorption. J Nanosci Nanotechnol 16: 5707-5713. http://dx.doi.org/10.1166/jnn.2016.12056.

Lutz, HL; Marra, NJ; Grewe, F; Carlson, JS; Palinauskas, V; Valkiūnas, G; Stanhope, MJ. (2016). Laser capture microdissection microscopy and genome sequencing of the avian malaria parasite, Plasmodium relictum. Parasitol Res 115: 4503-4510. http://dx.doi.org/10.1007/s00436-016-5237-5.

Human Health Hazard Literature Search Results

Off Topic

Lv, H; Fang, Z; Yang, L; Zhang, Y; Wang, Q; Liu, Y; Zhuang, M; Yang, Y; Xie, B; Liu, B; Liu, J; Kang, J; Wang, X. (2014). Mapping and analysis of a novel candidate Fusarium wilt resistance gene FOC1 in Brassica oleracea. BMC Genomics 15: 1094. http://dx.doi.org/10.1186/1471-2164-15-1094.

Machha, VR; Jones, SB; Waddle, JR; Le, VH; Wellman, S; Lewis, EA. (2014). Exploring the energetics of histone H1.1 and H1.4 duplex DNA interactions. Biophys Chem 185: 32-38. http://dx.doi.org/10.1016/j.bpc.2013.11.007.

Maemura, K; Yamauchi, H; Hayasaki, H; Kanbara, K; Tamayama, T; Hirata, I; Watanabe, M. (2003). gamma-Amino-butyric acid immunoreactivity in intramucosal colonic tumors. J Gastroenterol Hepatol 18: 1089-1094. http://dx.doi.org/10.1046/j.1440-1746.2003.03131.x.

Maesawa, Y; Yamada, H; Deguchi, M; Ebina, Y. (2015). History of biochemical pregnancy was associated with the subsequent reproductive failure among women with recurrent spontaneous abortion. Gynecol Endocrinol 31: 306-308. http://dx.doi.org/10.3109/09513590.2014.994601.

Manna, PR; Slominski, AT; King, SR; Stetson, CL; Stocco, DM. (2014). Synergistic activation of steroidogenic acute regulatory protein expression and steroid biosynthesis by retinoids: involvement of cAMP/PKA signaling. Endocrinology 155: 576-591. http://dx.doi.org/10.1210/en.2013-1694.

Manrique, P; Hoshi, M; Fasabi, M; Nolasco, O; Yori, P; Calderón, M; Gilman, RH; Kosek, MN; Vinetz, JM; Gamboa, D. (2015). Assessment of an automated capillary system for Plasmodium vivax microsatellite genotyping. Malar J 14: 326. http://dx.doi.org/10.1186/s12936-015-0842-9.

Marchesan, S; Easton, CD; Styan, KE; Leech, P; Gengenbach, TR; Forsythe, JS; Hartley, PG. (2013). SU-8 photolithography on reactive plasma thin-films: coated microwells for peptide display. Colloids Surf B Biointerfaces 108: 313-321. http://dx.doi.org/10.1016/j.colsurfb.2013.03.018.

Marie, R; Pedersen, JN; Bauer, DL; Rasmussen, KH; Yusuf, M; Volpi, E; Flyvbjerg, H; Kristensen, A; Mir, KU. (2013). Integrated view of genome structure and sequence of a single DNA molecule in a nanofluidic device. Proc Natl Acad Sci USA 110: 4893-4898. http://dx.doi.org/10.1073/pnas.1214570110.

Mathias, PI; B'Hymer, C. (2014). A survey of liquid chromatographic-mass spectrometric analysis of mercapturic acid biomarkers in occupational and environmental exposure monitoring [Review]. J Chromatogr B Analyt Technol Biomed Life Sci 964: 136-145. http://dx.doi.org/10.1016/j.jchromb.2014.02.057.

Matias, PJ; Jorge, C; Azevedo, A; Laranjinha, I; Navarro, D; Mendes, M; Amaral, T; Ferreira, C; Aires, I; Gil, C; Stuard, S; Ferreira, A. (2016). Calcium Acetate/Magnesium Carbonate and Cardiovascular Risk Factors in Chronic Hemodialysis Patients. Nephron 132: 317-326. http://dx.doi.org/10.1159/000444421.

Mazon, G; Philippin, G; Cadet, J; Gasparutto, D; Fuchs, RP. (2009). The alkyltransferase-like ybaZ gene product enhances nucleotide excision repair of O(6)-alkylguanine adducts in E. coli. DNA Repair 8: 697-703. http://dx.doi.org/10.1016/j.dnarep.2009.01.022.

Meenakshi, C; Sivasubramanian, K; Venkatraman, B. (2017). Nucleoplasmic bridges as a biomarker of DNA damage exposed to radon. Mutat Res 814: 22-28. http://dx.doi.org/10.1016/j.mrgentox.2016.12.004.

Merino-Puerto, V; Herrero, A; Flores, E. (2013). Cluster of genes that encode positive and negative elements influencing filament length in a heterocyst-forming cyanobacterium. J Bacteriol 195: 3957-3966. http://dx.doi.org/10.1128/JB.00181-13.

Mitchell, AE; Zheng, J; Hammock, BD; Lo Bello, M; Jones, AD. (1998). Structural and functional consequences of haloenol lactone inactivation of murine and human glutathione S-transferase. Biochemistry 37: 6752-6759. http://dx.doi.org/10.1021/bi971846r.

Moise, N; Schwartz, J; Bring, R; Shimbo, D; Kronish, IM. (2015). Antihypertensive drug class and adherence: an electronic monitoring study. Am J Hypertens 28: 717-721. http://dx.doi.org/10.1093/ajh/hpu199.

Monti, MR; Morero, NR; Miguel, V; Argaraña, CE. (2013). nfxB as a novel target for analysis of mutation spectra in Pseudomonas aeruginosa. PLoS ONE 8: e66236. http://dx.doi.org/10.1371/journal.pone.0066236.

Moon, HI, l; Shin, S; Byeon, SH. (2015). Exposure Monitoring and Health Risk Assessment of 1-Bromopropane as a Cleaning Solvent in the Workplace. Hum Ecol Risk Assess 21: 744-752. http://dx.doi.org/10.1080/10807039.2014.926203.

Motoike, T; Long, JM; Tanaka, H; Sinton, CM; Skach, A; Williams, SC; Hammer, RE; Sakurai, T; Yanagisawa, M. (2016). Mesolimbic neuropeptide W coordinates stress responses under novel environments. Proc Natl Acad Sci USA 113: 6023-6028. http://dx.doi.org/10.1073/pnas.1518658113.

Motoike, T; Skach, AG; Godwin, JK; Sinton, CM; Yamazaki, M; Abe, M; Natsume, R; Sakimura, K; Yanagisawa, M. (2015). Transient expression of neuropeptide W in postnatal mouse hypothalamus--a putative regulator of energy homeostasis. Neuroscience 301: 323-337. http://dx.doi.org/10.1016/j.neuroscience.2015.06.014.

Muela, HC; Costa-Hong, VA; Yassuda, MS; Moraes, NC; Memória, CM; Machado, MF; Macedo, TA; Shu, EB; Massaro, AR; Nitrini, R; Mansur, AJ; Bortolotto, LA. (2017). Hypertension Severity Is Associated With Impaired Cognitive Performance. J Am Heart Assoc 6. http://dx.doi.org/10.1161/JAHA.116.004579.

Murgiano, L; Jagannathan, V; Piffer, C; Diez-Prieto, I; Bolcato, M; Gentile, A; Drögemüller, C. (2016). A frameshift mutation in MOCOS is associated with familial renal syndrome (xanthinuria) in Tyrolean Grey cattle. BMC Vet Res 12: 276. http://dx.doi.org/10.1186/s12917-016-0904-4.

Naito, Y; Tomita, M. (2013). Identification of an isogenic semidwarf rice cultivar carrying the Green Revolution sd1 gene by multiplex codominant ASP-PCR and SSR markers. Biochem Genet 51: 530-542. http://dx.doi.org/10.1007/s10528-013-9584-y.

Nakagawa, M; Kitazawa, R; Kuwahara, N; Yoshida, K; Haraguchi, R; Kitazawa, S. (2013). Efficient Genetic Analysis of Microdissected Samples by Agarose-Bead Method: Alterations of β-Catenin Gene in Fundic Gland Polyp and Heterotopic Gastric Mucosa of Duodenum. Acta Histochem Cytochem 46: 19-24. http://dx.doi.org/10.1267/ahc.12022.

Nawade, B; Bosamia, TC; Thankappan, R; Rathnakumar, AL; Kumar, A; Dobaria, JR; Kundu, R; Mishra, GP. (2016). Insights into the Indian Peanut Genotypes for ahFAD2 Gene Polymorphism Regulating Its Oleic and Linoleic Acid Fluxes. Front Plant Sci 7: 1271. http://dx.doi.org/10.3389/fpls.2016.01271.

Human Health Hazard Literature Search Results

Off Topic

NIOSH (National Institute for Occupational Safety and Health). (2008). 1-BP: A Potential Occupational Hazard. Retrieved from https://blogs.cdc.gov/niosh-science-blog/2008/12/08/1bp/

NIOSH (National Institute for Occupational Safety and Health). (2010). Pocket Guide: Methyl bromide. Retrieved from http://www.cdc.gov/niosh/npg/npgd0400.html

Nivard, MJ; Czene, K; Segerbäck, D; Vogel, EW. (2003). Mutagenic activity of ethylene oxide and propylene oxide under XPG proficient and deficient conditions in relation to N-7-(2-hydroxyalkyl)guanine levels in Drosophila. Mutat Res 529: 95-107. http://dx.doi.org/10.1016/S0027-5107(03)00111-8.

Noh, KC; Nam, YS; Lee, HJ; Lee, KB. (2015). A colorimetric probe to determine Pb(2+) using functionalized silver nanoparticles. Analyst 140: 8209-8216. http://dx.doi.org/10.1039/c5an01601k.

NTP. (1990). NTP Toxicology and Carcinogenesis Studies of Glycidol (CAS No. 556-52-5) In F344/N Rats and B6C3F1 Mice (Gavage Studies). 374: 1-229.

NTP. (2003). Monograph on the Potential Human Reproductive and Developmental Effects of 2-Bromopropane (2-BP. 11: i-III11.

NTP (National Toxicology Program). (2011). Glycidol. In Report on Carcinogenes 13th edition. RTP, NC. http://ntp.niehs.nih.gov/ntp/roc/content/profiles/glycidol.pdf.

NTP (National Toxicology Program). (2011). Report on Carcinogens: Propylene oxide. Research Triangle Park, NC.

Oakley, JL; Soni, NB; Wilson, D; Sen, S. (2015). Effectiveness of pulse-oximetry in addition to routine neonatal examination in detection of congenital heart disease in asymptomatic newborns. J Matern Fetal Neonatal Med 28: 1736-1739. http://dx.doi.org/10.3109/14767058.2014.967674.

Ohsawa, M; Fujioka, T; Ogasawara, K; Tanno, K; Okamura, T; Turin, TC; Itai, K; Ogawa, A; Yoshida, Y; Omama, S; Onoda, T; Nakamura, M; Makita, S; Ishibashi, Y; Tanaka, F; Kuribayashi, T; Ohta, M; Sakata, K; Okayama, A. (2013). High risks of all-cause and cardiovascular deaths in apparently healthy middle-aged people with preserved glomerular filtration rate and albuminuria: A prospective cohort study. Int J Cardiol 170: 167-172. http://dx.doi.org/10.1016/j.ijcard.2013.10.076.

OSHA (Occupational Safety & Health Administration). (2011). Chemical Exposure Health data. Retrieved from http://www.osha.gov/opengov/healthsamples.html

Pan, C; Ye, L; Qin, L; Liu, X; He, Y; Wang, J; Chen, L; Lu, G. (2016). CRISPR/Cas9-mediated efficient and heritable targeted mutagenesis in tomato plants in the first and later generations. Sci Rep 6: 24765. http://dx.doi.org/10.1038/srep24765.

Pankov, YA. (2015). [Kisspeptin and leptin in the regulation of fertility] [Review]. Mol Biol (Mosk) 49: 707-715. http://dx.doi.org/10.7868/S0026898415050134.

Pantel, A; Dunyach-Remy, C; Ngba Essebe, C; Mesureur, J; Sotto, A; Pagès, JM; Nicolas-Chanoine, MH; Lavigne, JP. (2016). Modulation of Membrane Influx and Efflux in Escherichia coli Sequence Type 131 Has an Impact on Bacterial Motility, Biofilm Formation, and Virulence in a Caenorhabditis elegans Model. Antimicrob Agents Chemother 60: 2901-2911. http://dx.doi.org/10.1128/AAC.02872-15.

Park, DS; Seo, JH; Hong, M; Bang, W; Han, JK; Choi, SC. (2013). Role of Sp5 as an essential early regulator of neural crest specification in xenopus. Dev Dyn 242: 1382-1394. http://dx.doi.org/10.1002/dvdy.24034.

Park, MA; Choi, KC. (2014). Effects of 4-nonylphenol and bisphenol A on stimulation of cell growth via disruption of the transforming growth factor-β signaling pathway in ovarian cancer models. Chem Res Toxicol 27: 119-128. http://dx.doi.org/10.1021/tx400365z.

Park, MA; Hwang, KA; Lee, HR; Yi, BR; Jeung, EB; Choi, KC. (2013). Benzophenone-1 stimulated the growth of BG-1 ovarian cancer cells by cell cycle regulation via an estrogen receptor alpha-mediated signaling pathway in cellular and xenograft mouse models. Toxicology 305: 41-48. http://dx.doi.org/10.1016/j.tox.2012.12.021.

Patnaik, BB; Wang, TH; Kang, SW; Hwang, HJ; Park, SY; Park, EB; Chung, JM; Song, DK; Kim, C; Kim, S; Lee, JS; Han, YS; Park, HS; Lee, YS. (2016). Sequencing, De Novo Assembly, and Annotation of the Transcriptome of the Endangered Freshwater Pearl Bivalve, Cristaria plicata, Provides Novel Insights into Functional Genes and Marker Discovery. PLoS ONE 11: e0148622. http://dx.doi.org/10.1371/journal.pone.0148622.

Patra, MC; Maharana, J; Pradhan, SK; Rath, SN. (2014). Molecular dynamics simulation of neuropeptide B and neuropeptide W in the dipalmitoylphosphatidylcholine membrane bilayer. 32: 1118-1131. http://dx.doi.org/10.1080/07391102.2013.811699.

Pausch, H; Venhoranta, H; Wurmser, C; Hakala, K; Iso-Touru, T; Sironen, A; Vingborg, RK; Lohi, H; Söderquist, L; Fries, R; Andersson, M. (2016). A frameshift mutation in ARMC3 is associated with a tail stump sperm defect in Swedish Red (Bos taurus) cattle. BMC Genet 17: 49. http://dx.doi.org/10.1186/s12863-016-0356-7.

Pelosini, C; Maffei, M; Ceccarini, G; Marchi, M; Marsili, A; Galli, G; Scartabelli, G; Tamberi, A; Latrofa, F; Fierabracci, P; Vitti, P; Pinchera, A; Santini, F. (2013). Frequency of the GPR7 Tyr135Phe allelic variant in lean and obese subjects. J Endocrinol Invest 36: 712-715. http://dx.doi.org/10.3275/8929.

Perroud, N; Zewdie, S; Stenz, L; Adouan, W; Bavamian, S; Prada, P; Nicastro, R; Hasler, R; Nallet, A; Piguet, C; Paoloni-Giacobino, A; Aubry, JM; Dayer, A. (2016). METHYLATION OF SEROTONIN RECEPTOR 3A IN ADHD, BORDERLINE PERSONALITY, AND BIPOLAR DISORDERS: LINK WITH SEVERITY OF THE DISORDERS AND CHILDHOOD MALTREATMENT. Depress Anxiety 33: 45-55. http://dx.doi.org/10.1002/da.22406.

Phillips, BE; Atherton, PJ; Varadhan, K; Limb, MC; Wilkinson, DJ; Sjøberg, KA; Smith, K; Williams, JP. (2015). The effects of resistance exercise training on macro- and micro-circulatory responses to feeding and skeletal muscle protein anabolism in older men. J Physiol 593: 2721-2734. http://dx.doi.org/10.1113/JP270343.

Phillips, BE; Atherton, PJ; Varadhan, K; Wilkinson, DJ; Limb, M; Selby, AL; Rennie, MJ; Smith, K; Williams, JP. (2014). Pharmacological enhancement of leg and muscle microvascular blood flow does not augment anabolic responses in skeletal muscle of young men under fed conditions. Am J Physiol Endocrinol Metab 306: E168-E176. http://dx.doi.org/10.1152/ajpendo.00440.2013.

Picariello, O; Feliciello, I; Chinali, G. (2016). S1 satellite DNA repetitive units display identical structure and overall variability in all Anatolian brown frog taxa. Genetica 144: 47-57. http://dx.doi.org/10.1007/s10709-015-9877-7.

Human Health Hazard Literature Search Results

Off Topic

Plna, K; Nilsson, R; Koskinen, M; Segerback, D. (1999). 32P-postlabelling of propylene oxide 1- and N6-substituted adenine and 3-substituted cytosine/uracil: formation and persistence in vitro and in vivo. Carcinogenesis 20(10): 2025- 2032. (Supported by the American Chemical Manufacturer's Association. Authors affiliated with. Carcinogenesis 20: 2025-2032.

Pollack, AZ; Perkins, NJ; Sjaarda, L; Mumford, SL; Kannan, K; Philippat, C; Wactawski-Wende, J; Schisterman, EF. (2016). Variability and exposure classification of urinary phenol and paraben metabolite concentrations in reproductive-aged women. Environ Res 151: 513-520. http://dx.doi.org/10.1016/j.envres.2016.08.016.

Qi, Z; Pugh, RA; Spies, M; Chemla, YR. (2013). Sequence-dependent base pair stepping dynamics in XPD helicase unwinding. Elife 2: e00334. http://dx.doi.org/10.7554/eLife.00334.

Rafiq, MA; Leblond, CS; Saqib, MA; Vincent, AK; Ambalavanan, A; Khan, FS; Ayaz, M; Shaheen, N; Spiegelman, D; Ali, G; Amin-Ud-Din, M; Laurent, S; Mahmood, H; Christian, M; Ali, N; Fennell, A; Nanjiani, Z; Egger, G; Caron, C; Waqas, A; Ayub, M; Rasheed, S; Forgeot d'Arc, B; Johnson, A; So, J; Brohi, MQ; Mottron, L; Ansar, M; Vincent, JB; Xiong, L. (2015). Novel VPS13B Mutations in Three Large Pakistani Cohen Syndrome Families Suggests a Baloch Variant with Autistic-Like Features. BMC Med Genet 16: 41. http://dx.doi.org/10.1186/s12881-015-0183-0.

Ramos-Chavez, LA; Sordo, M; Calderon-Aranda, E; Castañeda-Saucedo, E; Ostrosky-Wegman, P; Moreno-Godinez, ME. (2015). A permethrin/allethrin mixture induces genotoxicity and cytotoxicity in human peripheral blood lymphocytes. J Toxicol Environ Health A 78: 7-14. http://dx.doi.org/10.1080/15287394.2015.956025.

Rastogi, S; Meena, S; Bhattacharya, A; Ghosh, S; Shukla, RK; Sangwan, NS; Lal, RK; Gupta, MM; Lavania, UC; Gupta, V; Nagegowda, DA; Shasany, AK. (2014). De novo sequencing and comparative analysis of holy and sweet basil transcriptomes. BMC Genomics 15: 588. http://dx.doi.org/10.1186/1471-2164-15-588.

Ratti, PL; Sierra-Peña, M; Manni, R; Simonetta-Moreau, M; Bastin, J; Mace, H; Rascol, O; David, O. (2015). Distinctive features of NREM parasomnia behaviors in parkinson's disease and multiple system atrophy. PLoS ONE 10: e0120973. http://dx.doi.org/10.1371/journal.pone.0120973.

Reisenauer, AK; Wordingham, SV; York, J; Kokkonen, EW; Mclean, WH; Wilson, NJ; Smith, FJ. (2014). Heterozygous frameshift mutation in keratin 5 in a family with Galli-Galli disease. Br J Dermatol 170: 1362-1365. http://dx.doi.org/10.1111/bjd.12813.

Ren, C; Liu, X; Zhang, Z; Wang, Y; Duan, W; Li, S; Liang, Z. (2016). CRISPR/Cas9-mediated efficient targeted mutagenesis in Chardonnay (Vitis vinifera L.). Sci Rep 6: 32289. http://dx.doi.org/10.1038/srep32289.

Ríos-Blanco, MN; Faller, TH; Nakamura, J; Kessler, W; Kreuzer, PE; Ranasinghe, A; Filser, JG; Swenberg, JA. (2000). Quantitation of DNA and hemoglobin adducts and apurinic/apyrimidinic sites in tissues of F344 rats exposed to propylene oxide by inhalation. Carcinogenesis 21: 2011-2018.

Ríos-Blanco, MN; Ranasinghe, A; Lee, MS; Faller, T; Filser, JG; Swenberg, JA. (2003). Molecular dosimetry of N7-(2-hydroxypropyl)guanine in tissues of F344 rats after inhalation exposure to propylene oxide. Carcinogenesis 24: 1233-1238. http://dx.doi.org/10.1093/carcin/bgg087.

Ritter, M; Vodopiutz, J; Lechner, S; Moser, E; Schmidt-Erfurth, UM; Janecke, AR. (2013). Coexistence of KCNV2 associated cone dystrophy with supernormal rod electroretinogram and MFRP related oculopathy in a Turkish family. Br J Ophthalmol 97: 169-173. http://dx.doi.org/10.1136/bjophthalmol-2012-302355.

Romanello, M; Zampieri, S; Bortolotti, N; Deroma, L; Sechi, A; Fiumara, A; Parini, R; Borroni, B; Brancati, F; Bruni, A; Russo, CV; Bordugo, A; Bembi, B; Dardis, A. (2016). Comprehensive Evaluation of Plasma 7-Ketocholesterol and Cholestan-3β,5α,6β-Triol in an Italian Cohort of Patients Affected by Niemann-Pick Disease due to NPC1 and SMPD1 Mutations. 455: 39-45. http://dx.doi.org/10.1016/j.cca.2016.01.003.

Saito-Kanatani, M; Urano, T; Hiroi, H; Momoeda, M; Ito, M; Fujii, T; Inoue, S. (2015). Identification of TRIM22 as a progesterone-responsive gene in Ishikawa endometrial cancer cells. J Steroid Biochem Mol Biol 154: 217-225. http://dx.doi.org/10.1016/j.jsbmb.2015.08.024.

Sakurai, T. (2013). NPBWR1 and NPBWR2: Implications in Energy Homeostasis, Pain, and Emotion. Front Endocrinol (Lausanne) 4: 23. http://dx.doi.org/10.3389/fendo.2013.00023.

Salam, A; Webster, R; Singh, K; Kallakuri, S; Rodgers, A; Prabhakaran, D; Maulik, PK; Jan, S; Thom, S; Naik, N; Guggilla, R; Selak, V; Patel, A. (2014). TRIple pill vs Usual care Management for Patients with mild-to-moderate Hypertension (TRIUMPH): Study protocol. Am Heart J 167: 127-132. http://dx.doi.org/10.1016/j.ahj.2013.10.020.

Sarıçiçek, A; Yalın, N; Hıdıroğlu, C; Çavuşoğlu, B; Taş, C; Ceylan, D; Zorlu, N; Ada, E; Tunca, Z; Özerdem, A. (2015). Neuroanatomical correlates of genetic risk for bipolar disorder: A voxel-based morphometry study in bipolar type I patients and healthy first degree relatives. J Affect Disord 186: 110-118. http://dx.doi.org/10.1016/j.jad.2015.06.055.

Schenck, M; Schenck, C; Rübben, H; Stuschke, M; Schneider, T; Eisenhardt, A; Rossi, R. (2013). Pudendal nerve block in HDR-brachytherapy patients: do we really need general or regional anesthesia? World Journal of Urology 31: 417-421. http://dx.doi.org/10.1007/s00345-012-0987-x.

Schulte, PA; Mckernan, LT; Heidel, DS; Okun, AH; Dotson, GS; Lentz, TJ; Geraci, CL; Heckel, PE; Branche, CM. (2013). Occupational safety and health, green chemistry, and sustainability: a review of areas of convergence [Review]. Environ Health 12: 31. http://dx.doi.org/10.1186/1476-069X-12-31.

Schwarzenbach, RP; Giger, W; Schaffner, C; Wanner, O. (1985). GROUNDWATER CONTAMINATION BY VOLATILE HALOGENATED ALKANES ABIOTIC FORMATION OF VOLATILE SULFUR COMPOUNDS UNDER ANAEROBIC CONDITIONS. Environ Sci Technol 19: 322-327. http://dx.doi.org/10.1021/es00134a003.

Schwarzenbacher, H; Wurmser, C; Flisikowski, K; Misurova, L; Jung, S; Langenmayer, MC; Schnieke, A; Knubben-Schweizer, G; Fries, R; Pausch, H. (2016). A frameshift mutation in GON4L is associated with proportionate dwarfism in Fleckvieh cattle. 48: 25. http://dx.doi.org/10.1186/s12711-016-0207-z.

Human Health Hazard Literature Search Results

Off Topic

Seah, MP; Havelund, R; Gilmore, IS. (2016). Systematic Temperature Effects in the Argon Cluster Ion Sputter Depth Profiling of Organic Materials Using Secondary Ion Mass Spectrometry. 27: 1411-1418. http://dx.doi.org/10.1007/s13361-016-1401-5.

Segerbäck, D; Plná, K; Faller, T; Kreuzer, PE; Hakansson, K; Filser, JG; Nilsson, R. (1998). Tissue distribution of DNA adducts in male Fischer rats exposed to 500 ppm of propylene oxide: quantitative analysis of 7-(2-hydroxypropyl)guanine by 32P-postlabelling. Chem Biol Interact 115: 229-246.

Seukep, JA; Sandjo, LP; Ngadjui, BT; Kuete, V. (2016). Antibacterial and antibiotic-resistance modifying activity of the extracts and compounds from Nauclea pobeguinii against Gram-negative multi-drug resistant phenotypes. BMC Complement Altern Med 16: 193. http://dx.doi.org/10.1186/s12906-016-1173-2.

Sharma, P; Kobayashi, T. (2014). Are "universal" DNA primers really universal? J Appl Genet 55: 485-496. http://dx.doi.org/10.1007/s13353-014-0218-9.

Sherchan, J; Choi, H; Lee, ES. (2009). Depurination of nucleosides and calf thymus DNA induced by 2-bromopropane at the physiological condition. Bull Kor Chem Soc 30: 2309-2317.

Sherchan, J; Yun, M; Lee, E, -S. (2009). Deadenylation of adenine based- nucleosides and calf thymus DNA induced by halogenated alkanes at the physiological condition. Bull Kor Chem Soc 30: 2318-2328.

Sheth, J; Mistri, M; Datar, C; Kalane, U; Patil, S; Kamate, M; Shah, H; Nampoothiri, S; Gupta, S; Sheth, F. (2014). Expanding the spectrum of HEXA mutations in Indian patients with Tay-Sachs disease. 1: 425-430. http://dx.doi.org/10.1016/j.ymgmr.2014.09.004.

Sheu, SY; Chen, JC; Young, CC; Chen, WM. (2013). Vogesella fluminis sp. nov., isolated from a freshwater river, and emended description of the genus Vogesella. Int J Syst Evol Microbiol 63: 3043-3049. http://dx.doi.org/10.1099/ijs.0.048629-0.

Sheu, SY; Chen, JC; Young, CC; Chen, WM. (2014). Rivicola pingtungensis gen. nov., sp. nov., a new member of the family Neisseriaceae isolated from a freshwater river. Int J Syst Evol Microbiol 64: 2009-2016. http://dx.doi.org/10.1099/ijs.0.055285-0.

Sheu, SY; Chen, YL; Young, CC; Chen, WM. (2016). Vogesella facilis sp. nov., isolated from a freshwater river, and emended description of the genus Vogesella. Int J Syst Evol Microbiol 66: 817-823. http://dx.doi.org/10.1099/ijsem.0.000797.

Shikazono, N; Akamatsu, K; Takahashi, M; Noguchi, M; Urushibara, A; O'Neill, P; Yokoya, A. (2013). Significance of DNA polymerase I in in vivo processing of clustered DNA damage. Mutat Res 749: 9-15. http://dx.doi.org/10.1016/j.mrfmmm.2013.07.010.

Shimbo, D; Shea, S; Mcclelland, RL; Viera, AJ; Mann, D; Newman, J; Lima, J; Polak, JF; Psaty, BM; Muntner, P. (2013). Associations of aortic distensibility and arterial elasticity with long-term visit-to-visit blood pressure variability: the Multi-Ethnic Study of Atherosclerosis (MESA). Am J Hypertens 26: 896-902. http://dx.doi.org/10.1093/ajh/hpt040.

Sinitsky, MY; Larionov, AV; Asanov, MA; Druzhinin, VG. (2015). Associations of DNA-repair gene polymorphisms with a genetic susceptibility to ionizing radiation in residents of areas with high radon (222Rn) concentration. Int J Radiat Biol 91: 486-494. http://dx.doi.org/10.3109/09553002.2015.1012306.

SK, L; CH, J; SH, H; DW, L; GH, K; TW, J; Lee, J; DH, K; HG, J; ES, L; a, JT. (2005). Identification of glutathione conjugates and mercapturic acids of 1,2-dibromopropane in female BALB/c mice by liquid chromatography-electrospray ionization tandem mass spectrometry. Xenobiotica 35(1): 97-105. (Supported by KOSEF, Korea. Authors affiliated with. 35: 97-105. http://dx.doi.org/10.1080/00498250400021937.

SMARTe (Sustainable Management Approaches and Revitalization Tools - electronic). (2012). Understanding Units of Measurement. Retrieved from http://www.smarte.org/smarte/home/index.xml

SRI Consulting. (2012). Directory of Chemical Producers. Database edition. Menlo Park, CA.

Srivastava, S; Engels, H; Schanze, I; Cremer, K; Wieland, T; Menzel, M; Schubach, M; Biskup, S; Kreiß, M; Endele, S; Strom, TM; Wieczorek, D; Zenker, M; Gupta, S; Cohen, J; Zink, AM; Naidu, S. (2016). Loss-of-function variants in HIVEP2 are a cause of intellectual disability. Eur J Hum Genet 24: 556-561. http://dx.doi.org/10.1038/ejhg.2015.151.

Stolzenberg, SJ; Hine, CH. (1979). Mutagenicity of halogenated and oxygenated three-carbon compounds. J Toxicol Environ Health 5: 1149-1158. http://dx.doi.org/10.1080/15287397909529820.

Strillacci, MG; Cozzi, MC; Gorla, E; Mosca, F; Schiavini, F; Román-Ponce, SI; Ruiz López, FJ; Schiavone, A; Marzoni, M; Cerolini, S; Bagnato, A. (2016). Genomic and genetic variability of six chicken populations using single nucleotide polymorphism and copy number variants as markers. 1-9. http://dx.doi.org/10.1017/S1751731116002135.

Sugawara, R; Yamada, S; Tu, Z; Sugawara, A; Hoshiba, T; Eisaka, S; Yamaguchi, A. (2016). Identification of Mushroom Species by Automated rRNA Intergenic Spacer Analysis (ARISA) and Its Application to a Suspected Case of Food Poisoning with Tricholoma ustale. Shokohin Eiseigaku Zasshi 57: 37-45. http://dx.doi.org/10.3358/shokueishi.57.37.

SZ, Y; A, B. GABA's control of stem and cancer cell proliferation in adult neural and peripheral niches. Physiology 24: 171-185. (Supported by NIH. Authors affiliated with.

Sze, PW; Huang, CJ; Lin, FY; Lan, WH. (2015). Enhancement Performances in White Organic Light-Emitting Diode (WOLED) by Formation of Charge-Transfer (CT) Complex. J Nanosci Nanotechnol 15: 9178-9183. http://dx.doi.org/10.1166/jnn.2015.11413.

Tachizawa, H; MacDonald, TL; Neal, RA. (1982). Rat liver microsomal metabolism of propyl halides. Mol Pharmacol 22: 745-751.

Taguchi, K; Takaku, M; Egner, PA; Morita, M; Kaneko, T; Mashimo, T; Kensler, TW; Yamamoto, M. (2016). Generation of a New Model Rat: Nrf2 Knockout Rats Are Sensitive to Aflatoxin B1 Toxicity. Toxicol Sci 152: 40-52. http://dx.doi.org/10.1093/toxsci/kfw065.

Tan, D; Li, L; Wang, S; Wei, B; Zhang, X; Sun, B; Ji, S. (2013). The cytogenetic effects of acrylamide on Carassius auratus periperial blood cells. Food Chem Toxicol 62: 318-322. http://dx.doi.org/10.1016/j.fct.2013.08.077.

Taniguchi, T; Nagasaka, S; Nakashima, R, yo. (2016). Nonparametric Bayesian Double Articulation Analyzer for Direct Language Acquisition From Continuous Speech Signals. 8: 171-185. http://dx.doi.org/10.1109/TCDS.2016.2550591.

Tatarinova, T; Neely, M; Bartroff, J; van Guilder, M; Yamada, W; Bayard, D; Jelliffe, R; Leary, R; Chubatiuk, A; Schumitzky, A. (2013). Two general methods for population pharmacokinetic modeling: non-parametric adaptive grid and non-parametric Bayesian. J Pharmacokinet Pharmacodyn 40: 189-199. http://dx.doi.org/10.1007/s10928-013-9302-8.

Human Health Hazard Literature Search Results

Off Topic

Tatsuta, M; Iishi, H; Baba, M; Nakaizumi, A; Ichii, M; Taniguchi, H. (1990). INHIBITION BY GAMMA-AMINO-NORMAL-BUTYRIC ACID AND BACLOFEN OF GASTRIC CARCINOGENESIS INDUCED BY N-METHYL-N'-NITRO-N-NITROSOGUANIDINE IN WISTAR RATS. Cancer Res 50: 4931-4934.

Taylor, RD; Asamitsu, S; Takenaka, T; Yamamoto, M; Hashiya, K; Kawamoto, Y; Bando, T; Nagase, H; Sugiyama, H. (2014). Sequence-specific DNA alkylation targeting for Kras codon 13 mutation by pyrrole-imidazole polyamide seco-CBI conjugates. Chemistry 20: 1310-1317. http://dx.doi.org/10.1002/chem.201303295.

Téllez, JP; Herrera, S; Benito, S; Giraldo, BF. (2014). Analysis of the breathing pattern in elderly patients using the Hurst exponent applied to the respiratory flow signal. Conf Proc IEEE Eng Med Biol Soc 2014: 3422-3425. http://dx.doi.org/10.1109/EMBC.2014.6944358.

Temple, L; Kawabata, TT; Munson, AE; White, KL. (1993). Comparison of ELISA and Plaque-Forming Cell Assays for Measuring the Humoral Immune Response to SRBC in Rats and Mice Treated with Benzo[a]pyrene or Cyclophosphamide. Toxicol Sci 21: 412-419. http://dx.doi.org/10.1093/toxsci/21.4.412.

Tesi, B; Priftakis, P; Lindgren, F; Chiang, SC; Kartalis, N; Löfstedt, A; Lörinc, E; Henter, JI; Winiarski, J; Bryceson, YT; Meeths, M. (2016). Successful Hematopoietic Stem Cell Transplantation in a Patient with LPS-Responsive Beige-Like Anchor (LRBA) Gene Mutation. J Clin Immunol 36: 480-489. http://dx.doi.org/10.1007/s10875-016-0289-y.

Thapa, P; Kim, E, unK; Nepal, MR, aj; Jeong, K, iSun; Kang, M, iJ; Noh, K; Lee, S; Jeong, H, yeG; Lee, J, unHo; Jeong, T, aeC; Lee, ES. (2016). Identification of a N-7-guanine adduct of 1-bromopropane in calf thymus DNA by mass spectrometry. Mol Cell Toxicol 12: 7-14. http://dx.doi.org/10.1007/s13273-016-0002-5.

Thomas, KL; Shah, BR; Elliot-Bynum, S; Thomas, KD; Damon, K; Allen LaPointe, NM; Calhoun, S; Thomas, L; Breathett, K; Mathews, R; Anderson, M; Califf, RM; Peterson, ED. (2014). Check it, change it: a community-based, multifaceted intervention to improve blood pressure control. Circulation Cardiovascular Quality and Outcomes 7: 828-834. http://dx.doi.org/10.1161/CIRCOUTCOMES.114.001039.

Tian, J; Li, JW; Chen, J; Fan, YD; Bie, P; Wang, SG; Zheng, SG. (2013). The safety and feasibility of reoperation for the treatment of hepatolithiasis by laparoscopic approach. Surgical Endoscopy 27: 1315-1320. http://dx.doi.org/10.1007/s00464-012-2606-8.

Tian, XL; Zhao, H; Cai, TJ; Lu, X; Chen, DQ; Li, S; Liu, QJ. (2016). Dose-effect relationships of nucleoplasmic bridges and complex nuclear anomalies in human peripheral lymphocytes exposed to 60Co γ-rays at a relatively low dose. Mutagenesis 31: 425-431. http://dx.doi.org/10.1093/mutage/gew001.

TL, G; JA, M; RD, B; DL, M; Butterworth, L; AE, M; DR, G; KL, W. (2000). Glycidol modulation of the immune responses in female B6C3F1 mice. Drug Chem Toxicol 23: 433-457.

TM, S; IB, L; Williams, A; GR, D; CL, Y. (2006). Detection of induced male germline mutation: correlations and comparisons between traditional germline mutation assays, transgenic rodent assays and expanded simple tandem repeat instability assays. Mutat Res 598(1-2): 164-193. (Support not reported. Authors affiliated with Health. Mutat Res 598: 164-193. http://dx.doi.org/10.1016/j.mrfmmm.2006.01.017.

Tong, L; Yu, KN; Bao, L; Wu, W; Wang, H; Han, W. (2014). Low concentration of exogenous carbon monoxide protects mammalian cells against proliferation induced by radiation-induced bystander effect. Mutat Res 759: 9-15. http://dx.doi.org/10.1016/j.mrfmmm.2013.11.006.

Töpfer, K; Kempe, S; Müller, N; Schmitz, M; Bachmann, M; Cartellieri, M; Schackert, G; Temme, A. (2011). Tumor evasion from T cell surveillance [Review]. J Biomed Biotechnol 2011: 918471. http://dx.doi.org/10.1155/2011/918471.

Towle, EL; Barr, TR; Senese, JL. (2014). The National Practice Benchmark for oncology, 2014 report on 2013 data. 10: 385-406. http://dx.doi.org/10.1200/JOP.2014.001826.

Tuleta, I; Al Ghaddioui, AK; Bauriedel, G; Wernert, N; Preusse, CJ; Welz, A; Nickenig, G; Skowasch, D. (2013). The imbalance between proliferation and apoptosis contributes to degeneration of aortic valves and bioprostheses. Cardiol J 20: 268-276. http://dx.doi.org/10.5603/CJ.2013.0072.

U.S. EPA. (2003). Protection of stratospheric ozone; Listing of substitutes for ozone- depleting substances - n-propyl bromide. 68: 33284-33316.

U.S. EPA. (2007). Protection of stratospheric ozone: Listing of substances for ozone depleting substances - n-propyl bromide in adhesives, coatings and aerosols. Fed Reg 72: 30168-30207.

U.S. EPA. (2007). Protection of stratospheric ozone: Listing of substitutes for ozone-depleting substances-n-propyl bromide in solvent cleaning. Fed Reg 72: 30142-30167.

U.S. EPA (U.S. Environmental Protection Agency). (2010). List of lists: Consolidated list of chemicals subject to the Emergency Planning and Community Right-to-know Act (EPCRA), Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and section 112(r) of the Clean Air Act [EPA Report]. (EPA 550-B-10-001). Washington, DC.

U.S. EPA (U.S. Environmental Protection Agency). (2012). Non-confidential IUR Production Volume Information.

Uchikawa, E; Lethier, M; Malet, H; Brunel, J; Gerlier, D; Cusack, S. (2016). Structural Analysis of dsRNA Binding to Anti-viral Pattern Recognition Receptors LGP2 and MDA5. Mol Cell 62: 586-602. http://dx.doi.org/10.1016/j.molcel.2016.04.021.

UNEP (United Nations Environment Programme). (2001). Montreal Protocol on Substances that Deplete the Ozone Layer. Report of the Technology and Economic Assessment Panel.

USITC. Interactive Tariff and Trade Dataweb. United States International Trade Commission. http://dataweb.usitc.gov/scripts/user_set.asp and search.

Vadasz, S; Marquez, J; Tulloch, M; Shylo, NA; García-Castro, MI. (2013). Pax7 is regulated by cMyb during early neural crest development through a novel enhancer. Development 140: 3691-3702. http://dx.doi.org/10.1242/dev.088328.

Van Hylckama Vlieg, JE; Janssen, DB. (2001). Formation and Detoxification of Reactive Intermediates in the Metabolism of Chlorinated Ethenes [Review]. J Biotechnol 85: 81-102.

Van Otterloo, E; Cornell, RA; Medeiros, DM; Garnett, AT. (2013). Gene regulatory evolution and the origin of macroevolutionary novelties: insights from the neural crest [Review]. 51: 457-470. http://dx.doi.org/10.1002/dvg.22403.

Human Health Hazard Literature Search Results

Off Topic

van Rahden, VA; Fernandez-Vizarra, E; Alawi, M; Brand, K; Fellmann, F; Horn, D; Zeviani, M; Kutsche, K. (2015). Mutations in NDUFB11, encoding a complex I component of the mitochondrial respiratory chain, cause microphthalmia with linear skin defects syndrome. Am J Hum Genet 96: 640-650. http://dx.doi.org/10.1016/j.ajhg.2015.02.002.

Vasil'ev, AP; Strel'tsova, NN; Sekisova, MA. (2013). [The nature of a microcirculatory change in hypertensive patients during increased blood pressure]. Ter Arkh 85: 46-51.

Veerappa, AM; Vishweswaraiah, S; Lingaiah, K; Murthy, NM; Suresh, RV; Belur, K; Ramachandra, NB; Tejaswini, NB; Patel, NB; Gowda, PK. (2014). Insertion-deletions burden in copy number polymorphisms of the Tibetan population. Indian J Hum Genet 20: 166-174. http://dx.doi.org/10.4103/0971-6866.142888.

Vela-Soria, F; Ballesteros, O; Zafra-Gómez, A; Ballesteros, L; Navalón, A. (2014). A new method for the determination of benzophenone-UV filters in human serum samples by dispersive liquid-liquid microextraction with liquid chromatography-tandem mass spectrometry. Talanta 121: 97-104. http://dx.doi.org/10.1016/j.talanta.2013.12.048.

Verdin, H; D'haene, B; Beysen, D; Novikova, Y; Menten, B; Sante, T; Lapunzina, P; Nevado, J; Carvalho, CM; Lupski, J. R.; De Baere, E. (2013). Microhomology-mediated mechanisms underlie non-recurrent disease-causing microdeletions of the FOXL2 gene or its regulatory domain. PLoS Genet 9: e1003358. http://dx.doi.org/10.1371/journal.pgen.1003358.

Vogel, EW; Nivard, MJ. (1997). The response of germ cells to ethylene oxide, propylene oxide, propylene imine and methyl methanesulfonate is a matter of cell stage-related DNA repair. Environ Mol Mutagen 29: 124-135. http://dx.doi.org/10.1002/(SICI)1098-2280(1997)29:2<124::AID-EM3>3.0.CO;2-E.

Wan, H; Zhan, S; Xia, X; Xu, P; You, H; Jin, BR; Li, J. (2016). Identification and functional characterization of an epsilon glutathione S-transferase from the beet armyworm (Spodoptera exigua). Pestic Biochem Physiol 132: 81-88. http://dx.doi.org/10.1016/j.pestbp.2015.09.009.

Wang, AR; Kim, MJ; Lee, JY; Choi, YS; Thapa, R; Kim, I. (2015). The mitochondrial genome of the black dwarf honey bee, Apis andreniformis (Hymenoptera: Apidae). Mitochondrial D N A 26: 914-916. http://dx.doi.org/10.3109/19401736.2013.863288.

Wang, P; Dadhwal, P; Cheng, Z; Zianni, MR; Rikihisa, Y; Liang, FT; Li, X. (2013). Borrelia burgdorferi oxidative stress regulator BosR directly represses lipoproteins primarily expressed in the tick during mammalian infection. Mol Microbiol 89: 1140-1153. http://dx.doi.org/10.1111/mmi.12337.

Wang, SH; Lim, JH; Kim, SS; Cho, SH; Yoo, SC; Koh, HJ; Sakuraba, Y; Paek, NC. (2015). Mutation of SPOTTED LEAF3 (SPL3) impairs abscisic acid-responsive signalling and delays leaf senescence in rice. J Exp Bot 66: 7045-7059. http://dx.doi.org/10.1093/jxb/erv401.

Wang, Y; Yin, XJ; Han, T; Peng, W; Wu, HL; Liu, X; Feng, ZC. (2014). A novel silent deletion, an insertion mutation and a nonsense mutation in the TCOF1 gene found in two Chinese cases of Treacher Collins syndrome. Mol Genet Genomics 289: 1237-1240. http://dx.doi.org/10.1007/s00438-014-0883-8.

Watanabe, M; Maemura, K; Oki, K; Shiraishi, N; Shibayama, Y; Katsu, K. (2006). Gamma-aminobutyric acid (GABA) and cell proliferation: focus on cancer cells [Review]. Histol Histopathol 21: 1135-1141. http://dx.doi.org/10.14670/HH-21.1135.

Watanabe, N; Yamamoto, M. (2015). Neural mechanisms of social dominance [Review]. Frontiers in Neuroscience 9: 154. http://dx.doi.org/10.3389/fnins.2015.00154.

Wei, Q; Yuan, J; Miltgen, N; Barakat, D; Lovell, M. (2014). A Cautionary Tale: A 1 bp Deletion Polymorphism in the Poly-T Region of Intron 11 of NPM1 Could Affect Mutation Assay Interpretation. J Mol Diagn 16: 718-719.

White, JJ; Mazzeu, JF; Hoischen, A; Bayram, Y; Withers, M; Gezdirici, A; Kimonis, V; Steehouwer, M; Jhangiani, SN; Muzny, DM; Gibbs, RA; Genomics, B-HCfM; van Bon, BW; Sutton, VR; Lupski, J. R.; Brunner, HG; Carvalho, CM. (2016). DVL3 Alleles Resulting in a -1 Frameshift of the Last Exon Mediate Autosomal-Dominant Robinow Syndrome. Am J Hum Genet 98: 553-561. http://dx.doi.org/10.1016/j.ajhg.2016.01.005.

Wieczorek, D; Bögershausen, N; Beleggia, F; Steiner-Haldenstätt, S; Pohl, E; Li, Y; Milz, E; Martin, M; Thiele, H; Altmüller, J; Alanay, Y; Kayserili, H; Klein-Hitpass, L; Böhringer, S; Wollstein, A; Albrecht, B; Boduroglu, K; Caliebe, A; Chrzanowska, K; Cogulu, O; Cristofoli, F; Czeschik, JC; Devriendt, K; Dotti, MT; Elcioglu, N; Gener, B; Goecke, TO; Krajewska-Walasek, M; Guillén-Navarro, E; Hayek, J; Houge, G; Kilic, E; Simsek-Kiper, PÖ; López-González, V; Kuechler, A; Lyonnet, S; Mari, F; Marozza, A; Mathieu Dramard, M; Mikat, B; Morin, G; Morice-Picard, F; Ozkinay, F; Rauch, A; Renieri, A; Tinschert, S; Utine, GE; Vilain, C; Vivarelli, R; Zweier, C; Nürnberg, P; Rahmann, S; Vermeesch, J; Lüdecke, HJ; Zeschnigk, M; Wollnik, B. (2013). A comprehensive molecular study on Coffin-Siris and Nicolaides-Baraitser syndromes identifies a broad molecular and clinical spectrum converging on altered chromatin remodeling. Hum Mol Genet 22: 5121-5135. http://dx.doi.org/10.1093/hmg/ddt366.

Wolf, K; Morris, M; Swanson, MB; Geibig, JR; Kelly, KE. (2003). Alternative Adhesive Technologies: Foam Furniture and Bedding Industries. Wolf, K; Morris, M; Swanson, MB; Geibig, JR; Kelly, KE.

Wong, AK; Ruhe, AL; Robertson, KR; Loew, ER; Williams, DC; Neff, MW. (2013). A de novo mutation in KIT causes white spotting in a subpopulation of German Shepherd dogs. Anim Genet 44: 305-310. http://dx.doi.org/10.1111/age.12006.

Wu, CH; Xu, F; Chang, XL; Xu, X; Liu, JC; Zhou, ZJ. (2013). [Determination of1-bromopropane in the workplace air by GC-FID]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 31: 467-469.

Wu, CS; Fang, SW; Chen, Y. (2013). Solution-processable hole-transporting material containing fluorenyl core and triple-carbazolyl terminals: synthesis and application to enhancement of electroluminescence. Phys Chem Chem Phys 15: 15121-15127. http://dx.doi.org/10.1039/c3cp52087k.

Wu, X; Bi, W; Hua, Y; Sun, J; Xiao, Z; Wang, L; Yin, S. (2013). C60/N,N'-bis(1-naphthyl)-N,N'-diphenyl-1,1'-biphenyl-4,4'-diamine:MoO3 as the interconnection layer for high efficient tandem blue fluorescent organic light-emitting diodes. Appl Phys Lett 102: 243302. http://dx.doi.org/10.1063/1.4811551.

Wu, X; Faqi, AS; Yang, J; Pang, BP; Ding, X; Jiang, X; Chahoud, I. (2002). 2-Bromopropane induces DNA damage, impairs functional antioxidant cellular defenses, and enhances the lipid peroxidation process in primary cultures of rat Leydig cells. Reprod Toxicol 16: 379-384.

Human Health Hazard Literature Search Results

Off Topic

Wu, Z; Ma, L; Liu, P; Zhou, C; Ning, S; El-Shafei, A; Zhao, X; Hou, X. (2013). Structure-property relationship of amplified spontaneous emission in organic semiconductor materials: TPD, DPABP, and NPB. J Phys Chem A 117: 10903-10911. http://dx.doi.org/10.1021/jp405692c.

Xia, JB; Liu, GH; Chen, ZY; Mao, CZ; Zhou, DC; Wu, HY; Park, KS; Zhao, H; Kim, SK; Cai, DQ; Qi, XF. (2016). Hypoxia/ischemia promotes CXCL10 expression in cardiac microvascular endothelial cells by NFkB activation. Cytokine 81: 63-70. http://dx.doi.org/10.1016/j.cyto.2016.02.007.

Xiao, G; Zhang, ZQ; Yin, CF; Liu, RY; Wu, XM; Tan, TL; Chen, SY; Lu, CM; Guan, CY. (2014). Characterization of the promoter and 5'-UTR intron of oleic acid desaturase (FAD2) gene in Brassica napus. Gene 545: 45-55. http://dx.doi.org/10.1016/j.gene.2014.05.008.

Xiao-Bo, Z; Fu-Xiang, W. (2016). The excitation mechanism of btp2 Ir(acac) in CBP host. Luminescence. http://dx.doi.org/10.1002/bio.3196.

Xin, L; Hui-Ying, Y. (2013). Purification and characterization of an extracellular esterase with organic solvent tolerance from a halotolerant isolate, Salimicrobium sp. LY19. BMC Biotechnol 13: 108. http://dx.doi.org/10.1186/1472-6750-13-108.

Xu, D; Lou, B; Xu, H; Li, S; Geng, Z. (2013). Isolation and characterization of male-specific DNA markers in the rock bream Oplegnathus fasciatus. Mar Biotechnol 15: 221-229. http://dx.doi.org/10.1007/s10126-012-9480-1.

Xu, HF; Luo, J; Wang, HP; Wang, H; Zhang, TY; Tian, HB; Yao, DW; Loor, JJ. (2016). Sterol regulatory element binding protein-1 (SREBP-1)c promoter: Characterization and transcriptional regulation by mature SREBP-1 and liver X receptor α in goat mammary epithelial cells. J Dairy Sci 99: 1595-1604. http://dx.doi.org/10.3168/jds.2015-10353.

Xu, P; Han, N; Kang, T; Zhan, S; Lee, KS; Jin, BR; Li, J; Wan, H. (2016). SeGSTo, a novel glutathione S-transferase from the beet armyworm (Spodoptera exigua), involved in detoxification and oxidative stress. Cell Stress Chaperones 21: 805-816. http://dx.doi.org/10.1007/s12192-016-0705-5.

Xu, Y; Jia, Q; Zhou, G; Zhang, XQ; Angessa, T; Broughton, S; Yan, G; Zhang, W; Li, C. (2017). Characterization of the sdw1 semi-dwarf gene in barley. BMC Plant Biol 17: 11. http://dx.doi.org/10.1186/s12870-016-0964-4.

Xue, M; Zheng, J; Zhou, Q; Hejtmancik, JF; Wang, Y; Li, S. (2015). Novel FOXL2 mutations in two Chinese families with blepharophimosis-ptosis-epicanthus inversus syndrome. BMC Med Genet 16: 73. http://dx.doi.org/10.1186/s12881-015-0217-7.

Yan, SQ; Hou, JN; Bai, CY; Jiang, Y; Zhang, XJ; Ren, HL; Sun, BX; Zhao, ZH; Sun, JH. (2014). A base substitution in the donor site of intron 12 of KIT gene is responsible for the dominant white coat colour of blue fox (Alopex lagopus). Anim Genet 45: 293-296. http://dx.doi.org/10.1111/age.12105.

Yang, L; Sun, C; Li, W. (2014). Neuropeptide B in Nile tilapia Oreochromis niloticus: molecular cloning and its effects on the regulation of food intake and mRNA expression of growth hormone and prolactin. Gen Comp Endocrinol 200: 27-34. http://dx.doi.org/10.1016/j.ygcen.2014.01.016.

Yang, Z; Cui, K; Zhang, Y; Deng, X. (2014). Transcriptional regulation analysis and the potential transcription regulator site in the extended KAP6.1 promoter in sheep. Mol Biol Rep 41: 6089-6096. http://dx.doi.org/10.1007/s11033-014-3485-y.

Yang, Z; Steentoft, C; Hauge, C; Hansen, L; Thomsen, AL; Niola, F; Vester-Christensen, MB; Frödin, M; Clausen, H; Wandall, HH; Bennett, EP. (2015). Fast and sensitive detection of indels induced by precise gene targeting. Nucleic Acids Res 43: e59. http://dx.doi.org/10.1093/nar/gkv126.

Yeh, HY; Hsu, HT; Chen, TC; Chung, KM; Liou, KM; Chang, BY. (2013). The reduction in σ-promoter recognition flexibility as induced by core RNAP is required for σ to discern the optimal promoter spacing. Biochem J 455: 185-193. http://dx.doi.org/10.1042/BJ20130576.

Ying, M; Han, R; Hao, P; Wang, L; Li, N. (2013). Inherited KIF21A and PAX6 gene mutations in a boy with congenital fibrosis of extraocular muscles and aniridia. BMC Med Genet 14: 63. http://dx.doi.org/10.1186/1471-2350-14-63.

Yoon, JY; Na, E; Lee, S; Kim, YK; Yoon, S. (2015). Blue Emitting Materials Based on Naphthylanthracene Derivatives Containing Electron-Withdrawing Fluorobenzenes. J Nanosci Nanotechnol 15: 1628-1631. http://dx.doi.org/10.1166/jnn.2015.9326.

Yoshizawa, Y; Wada, K; Shimoi, G; Kameyama, Y; Wakabayashi, Y; Fukuta, K; Hashizume, R. (2016). Erratum to: A 1-bp deletion in Fgf5 causes male-dominant long hair in the Syrian hamster [Erratum]. Mamm Genome 27: 98. http://dx.doi.org/10.1007/s00335-015-9617-4.

Yoshizawa, Y; Wada, K; Shimoi, G; Shiomi, G; Kameyama, Y; Wakabayashi, Y; Fukuta, K; Hashizume, R. (2015). A 1-bp deletion in Fgf5 causes male-dominant long hair in the Syrian hamster. Mamm Genome 26: 630-637. http://dx.doi.org/10.1007/s00335-015-9608-5.

Yu, T; Liu, P; Chai, H; Kang, J; Zhao, Y; Zhang, H; Fan, D. (2014). Synthesis, crystal structures and photo- and electro-luminescence of copper(I) complexes containing electron-transporting diaryl-1,3,4-oxadiazole. J Fluoresc 24: 933-943. http://dx.doi.org/10.1007/s10895-014-1374-3.

Yue, H, ao; Yan, C; Tu, F; Yang, C; Ma, W; Fan, Z; Song, Z; Owens, J; Liu, S; Zhang, X. (2015). Two novel mitogenomes of Dipodidae species and phylogeny of Rodentia inferred from the complete mitogenomes. Biochemical Systematics and Ecology 60: 123-130. http://dx.doi.org/10.1016/j.bse.2015.04.013.

Zeljezic, D; Bjelis, M; Mladinic, M. (2015). Evaluation of the mechanism of nucleoplasmic bridge formation due to premature telomere shortening in agricultural workers exposed to mixed pesticides: indication for further studies. Chemosphere 120: 45-51. http://dx.doi.org/10.1016/j.chemosphere.2014.05.085.

Želježić, D; Mladinić, M; Žunec, S; Lucić Vrdoljak, A; Kašuba, V; Tariba, B; Živković, T; Marjanović, AM; Pavičić, I; Milić, M; Rozgaj, R; Kopjar, N. (2016). Cytotoxic, genotoxic and biochemical markers of insecticide toxicity evaluated in human peripheral blood lymphocytes and an HepG2 cell line. Food Chem Toxicol 96: 90-106. http://dx.doi.org/10.1016/j.fct.2016.07.036.

Zeng, X; Gao, Y; Li, D; Hao, R; Liu, W; Han, C; Gao, H; Qi, X; Wang, Y; Liu, L; Wang, X. (2014). Molecular characteristics of the complete genome of a J-subgroup avian leukosis virus strain isolated from Eurasian teal in China. Virus Genes 49: 250-258. http://dx.doi.org/10.1007/s11262-014-1081-9.

Zeng, X; Liu, L; Hao, R; Han, C. (2014). Detection and molecular characterization of J subgroup avian leukosis virus in wild ducks in China. PLoS ONE 9: e94980. http://dx.doi.org/10.1371/journal.pone.0094980.

Zhang, G; Wang, J; Yang, J; Li, W; Deng, Y; Li, J; Huang, J; Hu, S; Zhang, B. (2015). Comparison and evaluation of two exome capture kits and sequencing platforms for variant calling. BMC Genomics 16: 581. http://dx.doi.org/10.1186/s12864-015-1796-6.

Human Health Hazard Literature Search Results

Off Topic

Zhang, H; Zhang, J; Wei, P; Zhang, B; Gou, F; Feng, Z; Mao, Y; Yang, L; Zhang, H; Xu, N; Zhu, JK. (2014). The CRISPR/Cas9 system produces specific and homozygous targeted gene editing in rice in one generation. Plant Biotechnol J 12: 797-807. http://dx.doi.org/10.1111/pbi.12200.

Zhang, J; Zou, W; Li, Y; Feng, Y; Zhang, H; Wu, Z; Tu, Y; Wang, Y; Cai, X; Peng, L. (2015). Silica distinctively affects cell wall features and lignocellulosic saccharification with large enhancement on biomass production in rice. Plant Sci 239: 84-91. http://dx.doi.org/10.1016/j.plantsci.2015.07.014.

Zhang, L; Zu, FS; Deng, YL; Igbari, F; Wang, ZK; Liao, LS. (2015). Origin of Enhanced Hole Injection in Organic Light-Emitting Diodes with an Electron-Acceptor Doping Layer: p-Type Doping or Interfacial Diffusion? 7: 11965-11971. http://dx.doi.org/10.1021/acsami.5b01989.

Zhang, N; Wang, M; Zhang, P; Huang, T. (2016). Classification of cancers based on copy number variation landscapes. Biochim Biophys Acta 1860: 2750-2755. http://dx.doi.org/10.1016/j.bbagen.2016.06.003.

Zhang, R; Linpeng, S; Wei, X; Li, H; Huang, Y; Guo, J; Wu, Q; Liang, D; Wu, L. (2017). Novel variants in PAX6 gene caused congenital aniridia in two Chinese families. http://dx.doi.org/10.1038/eye.2016.326.

Zhang, X; Duan, H; Gao, F; Li, Y; Huang, C; Niu, Y; Gao, W; Yu, S; Zheng, Y. (2015). Increased micronucleus, nucleoplasmic bridge, and nuclear bud frequencies in the peripheral blood lymphocytes of diesel engine exhaust-exposed workers. Toxicol Sci 143: 408-417. http://dx.doi.org/10.1093/toxsci/kfu239.

Zhang, Y; Lee, HK. (2013). Liquid phase microextraction using knitting wool as the extractant phase holder before chromatographic analysis: a new approach for trace analysis. J Chromatogr A 1273: 12-17. http://dx.doi.org/10.1016/j.chroma.2012.11.084.

Zhang, Z; Shi, Y; Zhao, S; Li, J; Li, C; Mao, B. (2014). Xenopus Nkx6.3 is a neural plate border specifier required for neural crest development. PLoS ONE 9: e115165. http://dx.doi.org/10.1371/journal.pone.0115165.

Zhao, H; Lu, X; Li, S; Chen, DQ; Liu, QJ. (2013). Characteristics of nucleoplasmic bridges induced by 60Co γ-rays in human peripheral blood lymphocytes. Mutagenesis. http://dx.doi.org/10.1093/mutage/get062.

Zhao, LX; Kim, EK; Lim, HT; Moon, YS; Kim, NH; Kim, TH; Choi, H; Chae, W; Jeong, TC; Lee, ES. (2002). Synthesis, characterization and in vtro identification of N7-guanine adduct of 2-bromopropane. Arch Pharm Res 25: 39-44.

Zhao, Y; Yin, J; Guo, H; Zhang, Y; Xiao, W; Sun, C; Wu, J; Qu, X; Yu, J; Wang, X; Xiao, J. (2014). The complete chloroplast genome provides insight into the evolution and polymorphism of Panax ginseng. Front Plant Sci 5: 696. http://dx.doi.org/10.3389/fpls.2014.00696.

Zhou, C; Zhu, B; Yin, L; Li, X; Wu, J; Rongming, M. (2015). [Determination of urinary 1-bromopropane by headspace-gas chromatography]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 33: 392-393.

Zhou, H; Li, F; Weir, MD; Xu, HH. (2013). Dental plaque microcosm response to bonding agents containing quaternary ammonium methacrylates with different chain lengths and charge densities. J Dent 41: 1122-1131. http://dx.doi.org/10.1016/j.jdent.2013.08.003.

Zhou, L; Deng, Y; Gong, J; Chen, X; Zhang, Q; Wang, J. (2016). Epicardial adipose tissue volume a diagnostic study for independent predicting disorder of circadian rhythm of blood pressure in patients with essential hypertension. Cell Mol Biol (Noisy-le-grand) 62: 1-7. http://dx.doi.org/10.14715/cmb/2016.62.6.1.

Zhou, QJ; Yang, Y; Guo, XL; Duan, LJ; Chen, XQ; Yan, BL; Zhang, HL; Du, AF. (2014). Expression of Caenorhabditis elegans-expressed Trans-HPS, partial aminopeptidase H11 from Haemonchus contortus. Exp Parasitol 145: 87-98. http://dx.doi.org/10.1016/j.exppara.2014.08.005.

Zhu, Z; Guan, S; Robinson, D; El Fezzazi, H; Quimby, A; Xu, SY. (2014). Characterization of cleavage intermediate and star sites of RM.Tth111II. Sci Rep 4: 3838. http://dx.doi.org/10.1038/srep03838.

Zou, R; He, X; Chen, K; You, Y; Zou, H, ui; Tian, X, in; Zhu, C. (2017). A novel mutation in the ANK1 gene causes hereditary spherocytosis in a Chinese patient. Int J Clin Exp Pathol 10: 350-358.

Zuo, Z; Liu, J. (2016). Cas9-catalyzed DNA Cleavage Generates Staggered Ends: Evidence from Molecular Dynamics Simulations. Sci Rep 5: 37584. http://dx.doi.org/10.1038/srep37584.

OPPT RISK ASSESSMENT, PROBLEM FORMULATION OR SCOPE DOCUMENT

All documents cited in previous OPPT risk assessments, problem formulations and scope documents are included in the following section and listed as *on topic* without further categorization. The references may have also been captured in the search strategy and therefore presented in the peer reviewed literature search results section as either *on topic* or *off topic* for a given topic area in the sections above.

OPPT Risk Assessment, Problem Formulation or Scope Document

On Topic

ACGIH (American Conference of Governmental Industrial Hygienists). (2014). 1-Bromopropane: TLV. Cincinnati, OH. http://www.acgih.org/forms/store/ProductFormPublic/1-bromopropane-tlv-r-chemical-substances-draft-documentation-notice-of-intended-change

ACL Inc. (ACL Incorporated). (2014). Precision Rinse NS. MSDS [Fact Sheet]. (Product No. 8603, AS16132). Chicago, IL. http://www.all-spec.com/downloads/acl_staticide/8603_072814m.pdf

Adams, S. (2008). Spray adhesive solvent update.

Albatross USA Inc. (Albatross USA Incorporated). (2015). Everblum gold textile cleaning fluids material safety data sheet [Fact Sheet]. Long Island City, NY. http://www.allbrands.com/images2/Barbara/MSDSEverblum%20Gold%20Cleaning%20Fluid.pdf

OPPT Risk Assessment, Problem Formulation or Scope Document

On Topic

Amity International. (2006). Material safety data sheet. Koinsolv. Anderson, SC. http://www.wizardcoinsupply.com/files/images/Koinsolv-MSDS.pdf

Anderson, SE; Franko, J; Anderson, KL; Munson, AE; Lukomska, E; Meade, BJ. (2013). Immunotoxicity and allergic potential induced by topical application of dimethyl carbonate (DMC) in a murine model. J Immunotoxicol 10: 59-66. http://dx.doi.org/10.3109/1547691X.2012.691124

Anderson, SE; Munson, AE; Butterworth, LF; Germolec, D; Morgan, DL; Roycroft, JA; Dill, J; Meade, BJ. (2010). Whole-body inhalation exposure to 1-bromopropane suppresses the IgM response to sheep red blood cells in female B6C3F1 mice and Fisher 344/N rats. Inhal Toxicol 22: 125-132. http://dx.doi.org/10.3109/08958370902953910

Apfel, MA; Ikeda, BH; Speckhard, DC; Frey, PA. (1984). Escherichia coli Pyruvate Dehydrogenase Complex. Thiamin Pyrophosphate-dependent Inactivation of 3-bromopyruvate. J Biol Chem 259: 2905-2909.

Arakawa, S; Fujimoto, K; Kato, A; Endo, S; Fukahori, A; Shinagawa, A; Fischer, T; Mueller, J; Takasaki, W. (2012). Evaluation of hepatic glutathione transferase Mu 1 and Theta 1 activities in humans and mice using genotype information. Drug Metab Dispos 40: 497-503. http://dx.doi.org/10.1124/dmd.111.042911

ATSDR (Agency for Toxic Substances and Disease Registry). (2016). Draft toxicological profile for1-bromopropane. Atlanta, GA: Division of Toxicology and Human Health Sciences, Environmental Toxicology Branch. https://www.atsdr.cdc.gov/ToxProfiles/tp209.pdf

Baker, JP; Rabin, BR. (1969). Effects of Bromopyruvate on the control and catalytic properties of Glutamate Dehydrogenase. 11: 154-159. http://dx.doi.org/10.1111/j.1432-1033.1969.tb00753.x

Baldwin, PE; Maynard, AD. (1998). A Survey of Wind Speed in Indoor Workplaces. Ann Occup Hyg 42: 303-313.

Banu, S; Ichihara, S; Huang, F; Ito, H; Inaguma, Y; Furuhashi, K; Fukunaga, Y; Wang, Q; Kitoh, J; Ando, H; Kikkawa, F; Ichihara, G. (2007). Reversibility of the adverse effects of 1-bromopropane exposure in rats. Toxicol Sci 100: 504-512. http://dx.doi.org/10.1093/toxsci/kfm245

Barber, ED; Donish, WH; Mueller, KR. (1981). A procedure for the quantitative measurement of the mutagenicity of volatile liquids in the Ames salmonella/microsome assay. Mutat Res Genet Toxicol 90: 31-48. http://dx.doi.org/10.1016/0165-1218(81)90048-3

Barnsley, EA; Grenby, TH; Young, L. (1966). Biological Studies of Toxic Agents. The metabolism of 1- and 2-bromopropane. Biochem J 100: 282.

Batterman, S; Jia, C; Hatzivasilis, G. (2007). Migration of volatile organic compounds from attached garages to residences: A major exposure source. Environ Res 104: 224-240. http://dx.doi.org/10.1016/j.envres.2007.01.008

Benigni, R; Bossa, C; Tcheremenskaia, O; Battistelli, CL; Crettaz, P. (2012). The new ISSMIC database on in vivo micronucleus and its role in assessing genotoxicity testing strategies [Review]. Mutagenesis 27: 87-92. http://dx.doi.org/10.1093/mutage/ger064

B'Hymer, C; Cheever, KL. (2005). Development of a headspace gas chromatographic test for the quantification of 1- and 2-bromopropane in human urine. J Chromatogr B Analyt Technol Biomed Life Sci 814: 185-189. http://dx.doi.org/10.1016/j.jchromb.2004.10.045

Blair Rubber Co. (Blair Rubber Company). (2011). Normac 900R-NPB. Material safety data sheet [Fact Sheet]. Seville, OH. http://www.blairrubber.com/msds/Normac%20N-PrBr.pdf

Blando, J; Schill, D; De La Cruz, P; Zhang, L; Zhang, J. (2009). PERC ban among dry cleaners leads to 1-bromopropane exposures with alternative "green" solvent. Presentation presented at Fall Regulatory Update - NJDEP, October, 16, 2009, Trenton, NJ.

Blando, JD; Schill, DP; De La Cruz, MP; Zhang, L; Zhang, J. (2010). Preliminary study of propyl bromide exposure among New Jersey dry cleaners as a result of a pending ban on perchloroethylene. J Air Waste Manag Assoc 60: 1049-1056. http://dx.doi.org/10.3155/1047-3289.60.9.1049

Boublík, T; Fried, V; Hála, E. (1984). The vapour pressures of pure substances: Selected values of the temperature dependence of the vapour pressures of some pure substances in the normal and low pressure region. In Physical Sciences Data, vol 17 (2nd Revised ed.). Amsterdam, The Netherlands: Elsevier Science Publishers. https://www.elsevier.com/books/the-vapour-pressures-of-pure-substances/boubl-k/978-0-444-42266-8

Burkholder, JB; Gilles, MK; Gierczak, T; Ravishankara, AR. (2002). The atmospheric degradation of 1-bromopropane (CH3CH2CH2Br): The photochemistry of bromoacetone. Geophys Res Lett 29: 1822. http://dx.doi.org/10.1029/2002GL014712

CARB (California Air Resources Board). (2009). Dry Cleaning Notice 2009-2. Alternative Solvents for Dry Cleaning Operations. Sacramento, CA. http://www.arb.ca.gov/toxics/dryclean/notice2009_2.pdf

CARB (California Air Resources Board). (2011). Development of updated ARB solvent cleaning emissions inventories. Final Report: Agreement No. 06-322. In University of California, Riverside Bourns College of Engineering, Center for Environmental Research and Technology. Sacramento, CA. http://www.arb.ca.gov/research/apr/past/06-322.pdf

Casazza, JP; Felver, ME; Veech, RL. (1984). The metabolism of acetone in rat. J Biol Chem 259: 231-236.

CDC (CDC Research Inc). (1997). Control of exposure to perchloroethylene in commercial drycleaning (Mashine Design). In NIOSH. (DHHS(NIOSH) Publication No. 97-154). Atlanta, GA: Centers for Desease Control and Prevention. http://www.cdc.gov/niosh/docs/hazardcontrol/hc16.html

CDC (CDC Research Inc). (2008). Neurologic illness associated with occupational exposure to the solvent 1-bromopropane--New Jersey and Pennsylvania, 2007-2008. MMWR Morb Mortal Wkly Rep 57: 1300-1302.

CDC (Centers for Disease Control and Prevention). (2016). Criteria for a recommended standard: Occupational exposure to 1-bromopropane. (CDC-2016-0003). Cincinnati, OH: National Institute for Occupational Safety and Health. https://www.cdc.gov/niosh/docket/review/docket057a/pdfs/ctd-1-bpcriteriadocument_final-012616.pdf

CDIR (California Department of Industrial Relations). (2009). Airborne contaminants. Occupational Safety and Health Standards Board (OSHSB). https://www.dir.ca.gov/oshsb/airborne_contaminants09.html

CDIR (California Department of Industrial Relations). (2009). California code of regulations, title 8, section 5155. Airborn contaminants. Permission exposure limits for chemical contaminants. http://www.dir.ca.gov/title8/5155.html

OPPT Risk Assessment, Problem Formulation or Scope Document

On Topic

Cheever, KL; Marlow, KL; B'hymer, C; Hanley, KW; Lynch, DW. (2009). Development of an HPLC-MS procedure for the quantification of N-acetyl-S-(n-propyl)-l-cysteine, the major urinary metabolite of 1-bromopropane in human urine. J Chromatogr B Analyt Technol Biomed Life Sci 877: 827-832. http://dx.doi.org/10.1016/j.jchromb.2009.02.010

Childers, E. (2008). n-Propyl Bromide DrySolv. Available online at http://www.textilecleaning.com/npropyl-bromide-drysolv/

Choice Brand Adhesives. (2010). 751. Material safety data sheet [Fact Sheet]. Cincinnati, OH. http://www.amerhart.com/wp-content/msds/1370903285751canister.pdf

ClinTrials (ClinTrials BioResearch Laboratories, Ltd.). (1997). A 13-week inhalation toxicity study of a vapor formulation of ALBTA1 in the Albino Rat. (Report No. 91190). Canada.

ClinTrials (ClinTrials BioResearch Laboratories, Ltd.). (1997). A 28-day inhalation toxicity study of a vapor formulation of ALBTA1 in albino rat. (Document No. 91198). Senneville, Quebec: Sponsored by Albemarle Corporation, Baton Rouge, LA.

CRC Industries Inc. (CRC Industries Incorporated). (2014). Super Degreaser(TM) cleaner/degreaser. (Product Code 03110). Warminster, PA.

CRC Industries Inc. (CRC Industries Incorporated). (2015). Cable Cleaner (R) RD (TM). (Product Code 02152). Warminster, PA.

CSPA (Consumer Specialty Products Association). (2007). Supplemental Comments to CSPA Opposition to Unacceptable Listing of n-Propyl Bromide in Adhesives, and Aerosol Solvents. Consumer Specialty Products Association. http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OAR-2002-0064-0327

Da Silva, APP; El-Bacha, T; Kyaw, N; Santos, RS, d; Da-Silva, WS; Almeida, FCL; Poian, ATD; Galina, A. (2009). Inhibition of energy-producing pathways of HepG2 cells. Biochem J 417. http://dx.doi.org/10.1042/BJ20080805

Davis, A; Gift, JS; Woodall, GM; Narotsky, MG; Fourman, GL. (2009). The role of developmental toxicity studies in acute exposure assessments: analysis of single-day vs. multiple-day exposure regimens. Regul Toxicol Pharmacol 54: 134-142. http://dx.doi.org/10.1016/j.yrtph.2009.03.006

Demou, E; Hellweg, S; Wilson, MP; Hammond, SK; Mckone, TE. (2009). Evaluating indoor exposure modeling alternatives for LCA: A case study in the vehicle repair industry. Environ Sci Technol 43: 5804-5810. http://dx.doi.org/10.1021/es803551y

DTIC DLA (Defense Technical Information Center, Defense Logistics Agency). (1981). A simple method for predicting chemical agent evaporation. Alexandria, VA.

Durkee, J. (2014). Cleaning with Solvents: Methods and Machinery. Oxford, UK: Elsevier Inc.

ECHA (European Chemicals Agency). (2012). Agreement of the member state committee on the identification of 1-bromopropane [n-propyl bromide] as a substance of very high concern. Helsinki, Finland: European Chemical Agency. http://echa.europa.eu/documents/10162/8c3ab86b-f426-49b3-9b78-7192f14b3a11

ECHA (European Chemicals Agency). (2012). Annex XV dossier. Proposal for identification of a substance as CMR 1A or 1B, PBT, vPvB or a substance of equivalent level of concern. Substance name: 1-bromopropane. Helsinki, Finland. http://echa.europa.eu/documents/10162/d7d30eaa-86a3-4fd1-a85e-122a96c29c3f

ECHA (European Chemicals Agency). (2012). Inclusion of substances of very high concern in the candidate list (Decision of the European Chemical Agency). (ED/169/2012). Helsinki, Finland: European Chemical Agency. http://echa.europa.eu/documents/10162/4ba9cac4-c00b-4e90-8d51-d8efdd1e0aef

ECHA (European Chemicals Agency). (2012). Substance Name: 1-bromopropane [n-propyl bromide]. CAS No: 106-94-5. Member State Committee Support Document for Identification of 1-bromopropane [n-propyl bromide] as a Substance of Very High Concern because of its CMR Properties. Helsinki, Finland: European Chemical Agency. http://echa.europa.eu/documents/10162/54958f68-9718-473a-9d64-998c6e8b1d5c

ECHA (European Chemicals Agency). (2015). Registered substances database. 1-bromopropane. CASRN 106-94-5. Available online at http://apps.echa.europa.eu/registered/data/dossiers/DISS-9d8b123d-8713-41f5-e044-00144f67d249/AGGR-1d8f8e51-7dbb-4510-aaf1-8a13df024d92_DISS-9d8b123d-8713-41f5-e044-00144f67d249.html

ECHA (European Chemicals Agency). (2017). Registration Dossier 1-Bromopropane. Available online at https://echa.europa.eu/substance-information/-/substanceinfo/100.003.133

Elf Atochem S.A. (Elf Atochem Société Anonyme). (1993). Acute oral toxicity in rats. n-propyl bromide. Study No. 10611 Tar. Study director, Jack Clouzeau. Study performed by Centre International de Toxicologie, Miserey, France. November 3, 1993.

Elf Atochem S.A. (Elf Atochem Société Anonyme). (1993). Ames test--Reverse Mutation Assay on Salmonella typhimurium. n-Propyl Bromide. HIS1005/1005A. Study performed by Sanofi Recherche. Service de Toxicologie.

Elf Atochem S.A. (Elf Atochem Société Anonyme). (1995). Micronucleus test by intraperitoneal route in mice. N-propyl bromide. Study No. 12122 MAS. Miserey, France: Centre International de Toxicologie (as cited by CERHR, 2003).

Elf Atochem S.A. (Elf Atochem Société Anonyme). (1996). In vitro mammalian cell gene mutation test in L5178y TK+/- mouse lymphoma cell of n-propyl bromide. Study no. 13293. Miserey, France. http://yosemite.epa.gov/oppts/epatscat8.nsf/by+Service/B9769616121757CC85256F9400586E90/$File/88970000235.pdf

Elf Atochem S.A. (Elf Atochem Société Anonyme). (1996). In vitro mammalian cell gene mutation test in L5178Y TK+/- mouse lymphoma cells of n-propyl bromide. Study No. 13293. Miserey, France: Centre International de Toxicologie.

Elf Atochem S.A. (Elf Atochem Société Anonyme). (1997). Study of acute toxicity of n-propyl bromide administered to rats by vapour inhalation. Determination of the 50% lethal concentration (LC50/4 hours). INERIS-L.E.T.E. Study No. 95122. Study performed by Laboratoire dEtudes de Toxicologie Experimentale.

Emoto, C; Murase, S; Sawada, Y; Jones, BC; Iwasaki, K. (2003). In vitro inhibitory effect of 1-aminobenzotriazole on drug oxidations catalyzed by human cytochrome P450 enzymes: A comparison with SKF-525A and ketoconazole. Drug Metab Pharmacokinet 18: 287-295. http://dx.doi.org/10.2133/dmpk.18.287

Enviro Tech International. (2013). Drysolv spray testing & spotter. Material safety data sheet [Fact Sheet]. Melrose Park, IL. http://nebula.wsimg.com/b5b721780e4046dae73c7753945cd994?AccessKeyId=F58D237F0A46DAC5AF87&disposition=0

OPPT Risk Assessment, Problem Formulation or Scope Document

On Topic

Environment Canada. (2009). Notice with respect to certain inanimate substances (chemicals) on the domestic substances list.

Environment Canada. (2013). Update of Approximately 500 Inanimate Substances (Chemicals) on the Domestic Substances List. http://www.ec.gc.ca/ese-ees/default.asp?lang=En&n=2DAA2D22-1#archived

ERG (Eastern Research Group Inc.). (2001). Draft generic scenario. Use of vapor degreasers. Chantilly, VA: Eastern Research Group.

ERG (Eastern Research Group Inc.). (2005). Memorandum from Eric Goehl and Jennifer O'Neil, Eastern Research group, Inc, to Dry Cleaning Docket, Subject: Background information document. Available online at http://www3.epa.gov/airtoxics/dryperc/11-14-05background.pdf

FEICA (Association of the European Adhesive and Sealant Industry). (2013). Newsflash Issue 17. Association of the European Adhesive and Sealant Industry. http://merk.macmate.me/ASMAC_Adhesives_Canada/Welcome_Page_files/FEICA%20Newsflash%20June%202013.pdf

Flexbar Machine Corporation. (2010). Epoxy parfilm paintable mold release. MSDS [Fact Sheet]. Islandia, NY.

Fonda, M. (1976). Bromopyruvate Inactivation of Glutamate Apodecarboxylase. J Biol Chem 251: 229-235.

Frasch, HF. (2014). Analysis of finite dose dermal absorption data: Implications for dermal exposure assessment. J Expo Sci Environ Epidemiol 24: 6573. http://dx.doi.org/10.1038/jes.201

Frasch, HF; Dotson, GS; Barbero, AM. (2011). In vitro human epidermal penetration of 1-bromopropane. J Toxicol Environ Health A 74: 1249-1260. http://dx.doi.org/10.1080/15287394.2011.595666

Frey, HC; Patil, SR. (2002). Identification and review of sensitivity analysis methods [Review]. Risk Anal 22: 553-578. http://dx.doi.org/10.1111/0272-4332.00039

Fueta, Y; Fukuda, T; Ishidao, T; Hori, H. (2004). Electrophysiology and immunohistochemistry in the hippocampal ca1 and the dentate gyrus of rats chronically exposed to 1-bromopropane, a substitute for specific chlorofluorocarbons. Neuroscience 124: 593-603. http://dx.doi.org/10.1016/j.neuroscience.2003.12.025

Fueta, Y; Fukunaga, K; Ishidao, T; Hori, H. (2002). Hyperexcitability and changes in activities of Ca2+/calmodulin-dependent kinase II and mitogen-activated protein kinase in the hippocampus of rats exposed to 1-bromopropane. Life Sci 72: 521-529. http://dx.doi.org/10.1016/S0024-3205(02)02247-6

Fueta, Y; Ishidao, T; Arashidani, K; Endo, Y; Hori, H. (2002). Hyperexcitability of the hippocampal CA1 and the dentate gyrus in rats subchronically exposed to a substitute for chlorofluorocarbons, 1-bromopropane vapor. J Occup Health 44: 156-165. http://dx.doi.org/10.1539/joh.44.156

Fueta, Y; Ishidao, T; Kasai, T; Hori, H; Arashidani, K. (2000). Decreased paired-pulse inhibition in the dentate gyrus of the brain in rats exposed to 1-bromopropane vapor [Letter]. J Occup Health 42: 149-151. http://dx.doi.org/10.1539/joh.42.149

Fueta, Y; Ishidao, T; Ueno, S; Yoshida, Y; Kunugita, N; Hori, H. (2007). New approach to risk assessment of central neurotoxicity induced by 1-bromopropane using animal models. Neurotoxicology 28: 270-273. http://dx.doi.org/10.1016/j.neuro.2006.05.003

Fueta, Y; Ueno, S; Ishidao, T; Kanemitsu, M; Hori, H. (2013). Prenatal exposure to 1-Bromopropane changes basic excitability of hippocampus and inhibits the behaviors iduced by kainic acid and pentylenetetrazole in the rat offspring during lactation period. Toxicologist 132: Abstract No. 1389.

Furuhashi, K; Kitoh, J; Tsukamura, H; Maeda, K; Wang, H; Li, W; Ichihara, S; Nakajima, T; Ichihara, G. (2006). Effects of exposure of rat dams to 1-bromopropane during pregnancy and lactation on growth and sexual maturation of their offspring. Toxicology 224: 219-228. http://dx.doi.org/10.1016/j.tox.2006.04.044

Ganapathy-Kanniappan, S; Geschwind, JFH; Kunjithapatham, R; Buijs, M; Vossen, J; Tchernyshyov, I; Cole, RH; Syed, LH; Rao, PP; Ota, S; Vali, M. (2009). Glyceraldehyde-3-phosphate Dehydrogenase (GAPDH). Anticancer Res 29: 4909-4918.

Garner, CE; Liang, S; Yin, L; Yu, X. (2015). Physiologically based pharmacokinetic modeling for 1-bromopropane in F344 rats using gas uptake inhalation experiments. Toxicol Sci 145: 23-36. http://dx.doi.org/10.1093/toxsci/kfv018

Garner, CE; Liang, S; Yin, L; Yu, X. (2015). Physiologically based pharmacokinetic modeling for 1-bromopropane in F344 rats using gas uptake inhalation experiments - Supplemental Data [Supplemental Data]. Toxicol Sci 145.

Garner, CE; Sloan, C; Sumner, SC; Burgess, J; Davis, J; Etheridge, A; Parham, A; Ghanayem, BI. (2007). CYP2E1-catalyzed oxidation contributes to the sperm toxicity of 1-bromopropane in mice. Biol Reprod 76: 496-505. http://dx.doi.org/10.1095/biolreprod.106.055004

Garner, CE; Sumner, SC; Davis, JG; Burgess, JP; Yueh, Y; Demeter, J; Zhan, Q; Valentine, J; Jeffcoat, AR; Burka, LT; Mathews, JM. (2006). Metabolism and disposition of 1-bromopropane in rats and mice following inhalation or intravenous administration. Toxicol Appl Pharmacol 215: 23-36. http://dx.doi.org/10.1016/j.taap.2006.01.010

Garner, CE; Yu, X. (2014). Species and sex-dependent toxicokinetics of 1-bromopropane: the role of hepatic cytochrome P450 oxidation and glutathione (GSH). Xenobiotica 44: 644-656. http://dx.doi.org/10.3109/00498254.2013.879624

Geiger, DL; Call, DJ; Brooke, LT. (1988). Acute Toxicities of organic chemicals to Fathead minnow (Pimephales promelas). Superior, WI: University of Wisconsin-Superior, Center for Lake Superior Environmental Studies.

Golsteijn, L; Huizer, D; Hauck, M; van Zelm, R; Huijbregts, MA. (2014). Including exposure variability in the life cycle impact assessment of indoor chemical emissions: the case of metal degreasing. Environ Int 71: 36-45. http://dx.doi.org/10.1016/j.envint.2014.06.003

Guo, Y; Yuan, H; Jiang, L; Yang, J; Zeng, T; Xie, K; Zhang, C; Zhao, X. (2015). Involvement of decreased neuroglobin protein level in cognitive dysfunction induced by 1-bromopropane in rats. Brain Res 1600: 1-16. http://dx.doi.org/10.1016/j.brainres.2014.12.046

Hanley, KW; Petersen, M; Curwin, BD; Sanderson, WT. (2006). Urinary bromide and breathing zone concentrations of 1-bromopropane from workers exposed to flexible foam spray adhesives. Ann Occup Hyg 50: 599-607. http://dx.doi.org/10.1093/annhyg/mel020

Hanley, KW; Petersen, MR; Cheever, KL; Luo, L. (2009). N-acetyl-S-(n-propyl)-l-cysteine in urine from workers exposed to 1-bromopropane in foam cushion spray adhesives. Ann Occup Hyg 53: 759-769. http://dx.doi.org/10.1093/annhyg/mep051

OPPT Risk Assessment, Problem Formulation or Scope Document

On Topic

Hanley, KW; Petersen, MR; Cheever, KL; Luo, L. (2010). Bromide and N-acetyl-S-(n-propyl)-L-cysteine in urine from workers exposed to 1-bromopropane solvents from vapor degreasing or adhesive manufacturing. Int Arch Occup Environ Health 83: 571-584. http://dx.doi.org/10.1007/s00420-010-0524-4

Hansch, C. (1995). Fundamentals and Applications in Chemistry and Biology - Hydrophobic, Electronic and Steric Constants. In Exploring QSAR. Washington DC: American Chemical Society Professional Reference Book/Oxford University Press.

Hasspieler, B; Haffner, D; Stelljes, M; Adeli, K. (2006). Toxicological assessment of industrial solvents using human cell bioassays: assessment of short-term cytotoxicity and long-term genotoxicity potential. Toxicol Ind Health 22: 301-315. http://dx.doi.org/10.1177/0748233706070312

Haynes, WM; Lide, DR. (2010). CRC handbook of chemistry and physics : a ready-reference book of chemical and physical data (91st ed. ed.). Boca Raton, Fla.: CRC. http://www.worldcat.org/oclc/540161491?referer=xid

Health Canada. (2006). Results of the health-related components of categorization of the domestic substances list under CEPA 1999. In Environmental and Workplace Health. Canada. http://www.hc-sc.gc.ca/ewh-semt/contaminants/existsub/categor/_result_substance/index-eng.php

Hellweg, S; Demou, E; Bruzzi, R; Meijer, A; Rosenbaum, RK; Huijbregts, MA; Mckone, TE. (2009). Integrating human indoor air pollutant exposure within Life Cycle Impact Assessment [Review]. Environ Sci Technol 43: 1670-1679. http://dx.doi.org/10.1021/es8018176

HHS (U.S. Department of Health and Human Services). (2009). Household products database [Database]. Bethesda, MD: National Institutes of Health. Retrieved from http://householdproducts.nlm.nih.gov/about.htm

Honma, T; Suda, M; Miyagawa, M. (2003). Inhalation of 1-bromopropane causes excitation in the central nervous system of male F344 rats. Neurotoxicology 24: 563-575. http://dx.doi.org/10.1016/S0161-813X(03)00049-4

HSDB (Hazardous Substances Data Bank). 1-bromopropane. CASRN 106-94-5. Bethesda, MD: U.S. National Library of Medicine. http://toxnet.nlm.nih.gov/cgi-bin/sis/search2/r?dbs+hsdb:@term+@DOCNO+1068

HSIA (Halogenated Solvents Industry Alliance). (2010). Petition to add n-propyl bromide to list of hazardous air pollutants regulate under section 112 of the Clean Air Act [with cover letter date 10/28/2010]. Arlington, VA.

HSIA (Halogenated Solvents Industry Alliance). (2012). Request for public comments on Nomination to the RoC. Available online at http://ntp.niehs.nih.gov/ntp/roc/nominations/2012/publiccomm/graul_bp20120228.pdf

Huang, Z; Ichihara, S; Oikawa, S; Chang, J; Zhang, L; Hu, S; Huang, H; Ichihara, G. (2015). Hippocampal phosphoproteomics of F344 rats exposed to 1-Bromopropane. Toxicol Appl Pharmacol 282: 151-160. http://dx.doi.org/10.1016/j.taap.2014.10.016

Huang, Z; Ichihara, S; Oikawa, S; Chang, J; Zhang, L; Subramanian, K; Mohideen, SS; Ichihara, G. (2012). Proteomic identification of carbonylated proteins in F344 rat hippocampus after 1-bromopropane exposure. Toxicol Appl Pharmacol 263: 44-52. http://dx.doi.org/10.1016/j.taap.2012.05.021

Huang, Z; Ichihara, S; Oikawa, S; Chang, J; Zhang, L; Takahashi, M; Subramanian, K; Mohideen, SS; Wang, Y; Ichihara, G. (2011). Proteomic analysis of hippocampal proteins of F344 rats exposed to 1-bromopropane. Toxicol Appl Pharmacol 257: 93-101. http://dx.doi.org/10.1016/j.taap.2011.08.023

Huntingdon Life Sciences. (1999). A range-finding development/reproductive toxicity study of 1- Bromopropane in rats via whole body inhalation exposure. Final report. (Study No. 98-4140. 8EHQ-0799-14346). http://yosemite.epa.gov/oppts/epatscat8.nsf/by+Service/D275E580BB932A308525695A0048BA00/$File/89990000271.pdf

Huntingdon Life Sciences. (2001). A developmental toxicity study in rat via whole body inhalation exposure (with cover letter dated 9/18/2001). (Study No. 98-4141; docket number A-2001-07). East Millstone, NJ: Study sponsored by Brominated Solvents Committee (BSOC).

IARC (International Agency for Research on Cancer). (1994). IARC Monographs on the Evaluation of Carcinogenic Risks to Humans. Propylene oxide. vol. 60, pp. 181-213. Lyon, France. http://monographs.iarc.fr/ENG/Monographs/vol60/mono60-9.pdf

IARC (International Agency for Research on Cancer). (1999). 1,2,3-tris(chloromethoxy)propane [IARC Monograph]. In Re-evaluation of some organic chemicals, hydrazine and hydrogen peroxide (pp. 1549-1550). Lyon, France: World Health Organization. http://monographs.iarc.fr/ENG/Monographs/vol71/mono71-115.pdf

IARC (International Agency for Research on Cancer). (1999). 1,2-dibromo-3-chloropropane [IARC Monograph]. In Re-evaluation of some organic chemicals, hydrazine and hydrogen peroxide (pp. 479-500). Lyon, France: World Health Organization. http://monographs.iarc.fr/ENG/Monographs/vol71/mono71-20.pdf

IARC (International Agency for Research on Cancer). (1999). 1,2-dichloroethane [IARC Monograph]. In Re-evaluation of some organic chemicals, hydrazine and hydrogen peroxide (pp. 501-529). Lyon, France: World Health Organization. http://monographs.iarc.fr/ENG/Monographs/vol71/mono71-21.pdf

IARC (International Agency for Research on Cancer). (1999). Dichloromethane [IARC Monograph]. In Re-evaluation of some organic chemicals, hydrazine and hydrogen peroxide (pp. 251-315). Lyon, France: World Health Organization. http://monographs.iarc.fr/ENG/Monographs/vol71/mono71-10.pdf

IARC (International Agency for Research on Cancer). (1999). Ethylene dibromide (1,2-dibromoethane) [IARC Monograph]. In Re-evaluation of some organic chemicals, hydrazine and hydrogen peroxide (pp. 641-669). Lyon, France: World Health Organization. http://monographs.iarc.fr/ENG/Monographs/vol71/mono71-28.pdf

IARC (International Agency for Research on Cancer). (2000). Glycidol In Some Industrial Chemicals in IARC Monographs on the Evaluation of Carcinogenic Risks to Humans. Vol. 77, 469-486. Lyon, France. http://monographs.iarc.fr/ENG/Monographs/vol77/mono77-19.pdf

ICF Consulting. (2004). Memo to E. Birgfeld (EPA). Re: nPB Aquatic Toxicity. Available online at http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OAR-2002-0064-0301

Ichihara, G; Kitoh, J; Yu, X; Asaeda, N; Iwai, H; Kumazawa, T; Shibata, E; Yamada, T; Wang, H; Xie, Z; Takeuchi, Y. (2000). 1-Bromopropane, an alternative to ozone layer depleting solvents, is dose-dependently neurotoxic to rats in long-term inhalation exposure. Toxicol Sci 55: 116-123. http://dx.doi.org/10.1093/toxsci/55.1.116

Ichihara, G; Li, W; Ding, X; Peng, S; Yu, X; Shibata, E; Yamada, T; Wang, H; Itohara, S; Kanno, S; Sakai, K; Ito, H; Kanefusa, K; Takeuchi, Y. (2004). A survey on exposure level, health status, and biomarkers in workers exposed to 1-bromopropane. Am J Ind Med 45: 63-75. http://dx.doi.org/10.1002/ajim.10320

Ichihara, G; Li, W; Shibata, E; Ding, X; Wang, H; Liang, Y; Peng, S; Itohara, S; Kamijima, M; Fan, Q; Zhang, Y; Zhong, E; Wu, X; Valentine, WM; Takeuchi, Y. (2004). Neurologic abnormalities in workers of a 1-bromopropane factory. Environ Health Perspect 112: 1319-1325. http://dx.doi.org/10.1289/ehp.6995

Ichihara, G; Miller, JK; Ziolkokwska, A; Itohara, S; Takeuchi, Y. (2002). Neurological disorders in three workers exposed to 1-bromopropane. J Occup Health 44: 1-7. http://dx.doi.org/10.1539/joh.44.1

Ichihara, G; Wang, H; Zhang, L; Wakai, K; Li, W; Ding, X; Shibata, E; Zhou, Z; Wang, Q; Li, J; Ichihara, S; Takeuchi, Y. (2011). Dose-dependent neurologic abnormalities in workers exposed to 1-bromopropane: authors' response [Letter]. J Occup Environ Med 53: 1095-1098. http://dx.doi.org/10.1097/JOM.0b013e3182300a4f

Ichihara, G; Yu, X; Kitoh, J; Asaeda, N; Kumazawa, T; Iwai, H; Shibata, E; Yamada, T; Wang, H; Xie, Z; Maeda, K; Tsukamura, H; Takeuchi, Y. (2000). Reproductive toxicity of 1-bromopropane, a newly introduced alternative to ozone layer depleting solvents, in male rats. Toxicol Sci 54: 416-423. http://dx.doi.org/10.1093/toxsci/54.2.416

ICRP (International Commission on Radiological Protection). (1975). Report of the task group on reference man. Oxford, UK: Pergamon Press. http://ani.sagepub.com/site/includefiles/icrp_publications_collection.xhtml

IFA (Institute for Occupational Safety and Health of the German Social Accident Insurance). (2017). GESTIS - International limit values for chemical agents (Occupational exposure limits, OELs). Retrieved from http://www.dguv.de/ifa/gestis/gestis-internationale-grenzwerte-fuer-chemische-substanzen-limit-values-for-chemical-agents/index-2.jsp

InsideView. (2013). Enviro Tech International Inc. http://www.insideview.com/directory/enviro-tech-international-inc

IRTA (Institute for Research and Technical Assistance). (2007). Spotting chemicals: Alternatives to perchloroethylene and trichloroethylene in the textile cleaning industry. Prepared for: Cal/EPAs Department of Toxic Substances Control and U.S. Environmental Protection Agency Region IX. http://www.irta.us/reports/DTSC%20Spotting%20Chemical%20for%20Web.pdf

Ishidao, T; Kunugita, N; Fueta, Y; Arashidani, K; Hori, H. (2002). Effects of inhaled 1-bromopropane vapor on rat metabolism. Toxicol Lett 134: 237-243. http://dx.doi.org/10.1016/S0378-4274(02)00171-6

ITW Chemtronics. (2008). New and Improved Electro-Wash(R) NR. (Product Code ES1614). ITW Chemtronics.

ITW Chemtronics. (2012). New and improved Kontact Restorer(R). MSDS [Fact Sheet]. (Product Code ES1629). Kennesaw, GA.

ITW Inc. (Illinois Tool Works, Incorporated). (2014). STA' - PUT SP4H Canister Adhesive. Material safety data sheet [Fact Sheet]. Rockland, MA. http://itwstaput.com/wp-content/uploads/bsk-pdf-manager/144_SP4H_CANISTER_STA-PUT_SP4H_CANISTER_ADHESIVE.PDF

ITW Pro Brands. (2014). LPS(R) No Flash NU. MSDS [Fact Sheet]. (Part Number C04015). Tucker, GA.

ITW Pro Brands. (2015). LPS(R) Instant Super Degreaser. MSDS [Fact Sheet]. (Part No. 00720). Tucker, GA.

Jones, AR; Walsh, DA. (1979). The oxidative metabolism of 1-bromopropane in the rat. Xenobiotica 9: 763-772. http://dx.doi.org/10.3109/00498257909042344

Kanegsberg, B; Kanegsberg, E. (2011). Handbook of Critical Cleaning, Applications, Processes, and Controls, Vol. 1. In Editors: CRC Press.

Kaneko, T; Kim, HY; Wang, PY; Sato, A. (1997). Partition coefficients and hepatic metabolism in vitro of 1- and 2-bromopropanes. J Occup Health 39: 341-342. http://dx.doi.org/10.1539/joh.39.341

Kavlock, RJ; Allen, BC; Faustman, EM; Kimmel, CA. (1995). Dose-response assessments for developmental toxicity .4. Benchmark doses for fetal weight changes. Toxicol Sci 26: 211-222. http://dx.doi.org/10.1006/faat.1995.1092

Kawai, T; Takeuchi, A; Miyama, Y; Sakamto, K; Zhang, ZW; Higashikawa, K; Ikeda, M. (2001). Biological monitoring of occupational exposure to 1-bromopropane by means of urinalysis for 1-bromopropane and bromide ion. Biomarkers 6: 303-312. http://dx.doi.org/10.1080/13547500110034817

Keil, CB; Simmons, CE; Anthony, TR. (2009). Mathematical Models for Estimating Occupational Exposure to Chemicals. Fairfax, VA: American Industrial Hygiene Association (AIHA).

Khan, S; OBrien, PJ. (1991). 1-Bromoalkanes as new potent nontoxic glutathione depletors in isolated rat hepatocytes. Biochem Biophys Res Commun 179: 436-441. http://dx.doi.org/10.1016/0006-291X(91)91389-T

Kim, H; Chung, J; Chung, Y; Kim, K; Maeng, S; Hang, C; Lim, C; Lee, J; Kim, K; Lee, K; al, e. (1998). Toxicological studies on inhalation of 1-bromopropane using rats. Report submitted to the Industrial Health Research Institute. Yongsan Gu, Republic of Korea: Korea Industrial Safety Corporation.

Kim, HY; Chung, YH; Jeong, JH; Lee, YM; Sur, GS; Kang, JK. (1999). Acute and repeated inhalation toxicity of 1-bromopropane in SD rats. J Occup Health 41: 121-128. http://dx.doi.org/10.1539/Joh.41.121

Kim, JS; Ahn, KJ; Kim, JA; Kim, HM; Lee, JD; Lee, JM; Kim, SJ; Park, JH. (2008). Role of reactive oxygen species-mediated mitochondrial dysregulation in 3-bromopyruvate induced cell death in hepatoma cells : ROS-mediated cell death by 3-BrPA. J Bioenerg Biomembr 40: 607-618. http://dx.doi.org/10.1007/s10863-008-9188-0

Kim, KW; Kim, HY; Park, SS; Jeong, HS; Park, SH; Lee, JY; Jeong, JH; Moon, YH. (1999). Gender differences in activity and induction of hepatic microsomal cytochrome P-450 by 1-bromopropane in Sprague-Dawley rats. J Biochem Mol Biol 32: 232-238.

Klein, P; Kurz, J. (1994). [Reduction of Solvent Concentrations in Surroundings of Dry-Cleaning Shops]. Bonningheim, Germany: Hohenstein Physiological Institute on Clothing.

Ko, YH; Smith, B; Wang, Y; Pomper, M; Rini, DA; Torbenson, MS; Hullihen, J; Pedersen, PL. (2004). Advanced cancers: eradication in all cases using 3-bromopyruvate therapy to deplete ATP. Biochem Biophys Res Commun 324: 269-275. http://dx.doi.org/10.1016/j.bbrc.2004.09.047

Krause, RJ; Glocke, SC; Elfarra, AA. (2002). Sulfoxides as urinary metabolites of S-ALLYL-L-CYSTEINE in rats: Evidence for the involvement of flavin-containing monooxygenases. Drug Metab Dispos 30: 1137-1142. http://dx.doi.org/10.1124/dmd.30.10.1137

OPPT Risk Assessment, Problem Formulation or Scope Document

On Topic

Lee, SK; Jeon, TW; Kim, YB; Lee, ES; Jeong, HG; Jeong, TC. (2007). Role of glutathione conjugation in the hepatotoxicity and immunotoxicity induced by 1-bromopropane in female BALB/c mice. J Appl Toxicol 27: 358-367. http://dx.doi.org/10.1002/jat.1214

Li, W; Shibata, E; Zhou, Z; Ichihara, S; Wang, H; Wang, Q; Li, J; Zhang, L; Wakai, K; Takeuchi, Y; Ding, X; Ichihara, G. (2010). Dose-dependent neurologic abnormalities in workers exposed to 1-bromopropane. J Occup Environ Med 52: 769-777. http://dx.doi.org/10.1097/JOM.0b013e3181eaded7

Li, WH; Wang, QY; Ichihara, G; Takeuchi, Y; Ding, XC; Zhou, ZJ. (2010). [Exposure to 1-bromopropane causes dose-dependent neurological abnormalities in workers]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 28: 488-493.

Liu, F; Ichihara, S; Mohideen, SS; Sai, U; Kitoh, J; Ichihara, G. (2009). Comparative study on susceptibility to 1-bromopropane in three mice strains. Toxicol Sci 112: 100-110. http://dx.doi.org/10.1093/toxsci/kfp173

Liu, F; Ichihara, S; Valentine, WM; Itoh, K; Yamamoto, M; Sheik Mohideen, S; Kitoh, J; Ichihara, G. (2010). Increased susceptibility of Nrf2-null mice to 1-bromopropane-induced hepatotoxicity. Toxicol Sci 115: 596-606. http://dx.doi.org/10.1093/toxsci/kfq075

Lopachin, RM; Gavin, T; Petersen, DR; Barber, DS. (2009). Molecular mechanisms of 4-hydroxy-2-nonenal and acrolein toxicity: Nucleophilic targets and adduct formation [Review]. Chem Res Toxicol 22: 1499-1508. http://dx.doi.org/10.1021/tx900147g

Lowe, PN; Perham, RN. (1984). Bromopyruvate as an active-site-directed inhibitor of the pyruvate dehydrogenase multienzyme complex from Escherichia coli. Biochemistry 23: 91-97. http://dx.doi.org/10.1021/Bi00296a015

Mabey, W; Mill, T. (1978). Critical review of hydrolysis of organic compounds in water under environmental conditions [Review]. J Phys Chem Ref Data 7: 383-415.

Macchioni, L; Davidescu, M; Sciaccaluga, M; Marchetti, C; Migliorati, G; Coaccioli, S; Roberti, R; Corazzi, L; Castigli, E. (2011). Mitochondrial dysfunction and effect of antiglycolytic bromopyruvic acid in GL15 glioblastoma cells. J Bioenerg Biomembr 43: 507-518. http://dx.doi.org/10.1007/s10863-011-9375-2

Majersik, JJ; Caravati, EM; Steffens, JD. (2007). Severe neurotoxicity associated with exposure to the solvent 1-bromopropane (n-propyl bromide). Clin Toxicol 45: 270-276. http://dx.doi.org/10.1080/15563650701226218

Manta Media Inc. (2015). Poly Systems USA Incorporated. Manta Media Inc. http://www.manta.com/c/mmgbh09/poly-systems-usa-inc

Maple Leaf Sales II Inc. (2013). K-GRIP 503 Premium Adhesive. Material Safety Data Sheet. Middleville, MI: Maple Leaf Sales II Inc. http://www.k-gripadhesives.com/pdfs/K-GRIP%20503%20MSDS.pdf

MassDEP (Massachusetts Department of Environmental Protection). (2013). Alternative dry cleaning technologies comparative analysis worksheet. Boston, MA. http://www.mass.gov/eea/docs/dep/service/online/dc-companal.pdf

Mathias, PI; Cheever, KL; Hanley, KW; Marlow, KL; Johnson, BC; B'hymer, C. (2012). Comparison and evaluation of urinary biomarkers for occupational exposure to spray adhesives containing 1-bromopropane. Toxicol Mech Meth 22: 526-532. http://dx.doi.org/10.3109/15376516.2012.686536

MDH (Minnesota Department of Health). (2013). Chemicals of high concern list. Available online at http://www.health.state.mn.us/divs/eh/hazardous/topics/toxfreekids/chclist/mdhchc2013.pdf

METI (Japan's Ministry of Economy, Trade and Industry). (2009). List of Class 1 Designated Chemical Substances. Japan's Ministry of Economy, Trade and Industry. http://www.meti.go.jp/policy/chemical_management/law/msds/sin1shueng.pdf

Meulenberg, CJ; Vijverberg, HP. (2000). Empirical relations predicting human and rat tissue: Air partition coefficients of volatile organic compounds. Toxicol Appl Pharmacol 165: 206-216. http://dx.doi.org/10.1006/taap.2000.8929

Mitchell, AE; Zheng, J; Hammock, BD; Lo Bello, M; Jones, AD. (1998). Structural and functional consequences of haloenol lactone inactivation of murine and human glutathione S-transferase. Biochemistry 37: 6752-6759. http://dx.doi.org/10.1021/bi971846r

Mohideen, SS; Ichihara, G; Ichihara, S; Nakamura, S. (2011). Exposure to 1-bromopropane causes degeneration of noradrenergic axons in the rat brain. Toxicology 285: 67-71. http://dx.doi.org/10.1016/j.tox.2011.04.005

Mohideen, SS; Ichihara, S; Banu, S; Liu, F; Kitoh, J; Ichihara, G. (2009). Changes in neurotransmitter receptor expression levels in rat brain after 4-week exposure to 1-bromopropane. Neurotoxicology 30: 1078-1083. http://dx.doi.org/10.1016/j.neuro.2009.06.007

Mohideen, SS; Ichihara, S; Subramanian, K; Huang, Z; Naito, H; Kitoh, J; Ichihara, G. (2013). Effects of exposure to 1-bromopropane on astrocytes and oligodendrocytes in rat brain. J Occup Health 55: 29-38. http://dx.doi.org/10.1539/joh.12-0118-OA

Morgan, DL; Nyska, A; Harbo, SJ; Grumbein, SL; Dill, JA; Roycroft, JH; Kissling, GE; Cesta, MF. (2011). Multisite carcinogenicity and respiratory toxicity of inhaled 1-bromopropane in rats and mice. Toxicol Pathol 39: 938-948. http://dx.doi.org/10.1177/0192623311416374

MRO Solutions. (2015). MRO 525 Contact Cleaner. (Product ID 525 Contact Cleaner). Niles, IL: MRO Solutions.

Murphy, IP. (2009). Only half of drycleaners now use perc, survey says. American Drycleaner September 15, 2009.

NCDOL (North Carolina Department of Labor). (2013). A Health and Safety Guide for 1-bromopropane (n-propyl bromide). In Occupational Safety and Health Division. Raleigh, NC: North Carolina Department of Labor. http://digital.ncdcr.gov/cdm/ref/collection/p16062coll9/id/148494

Neafsey, P; Ginsberg, G; Hattis, D; Johns, DO; Guyton, KZ; Sonawane, B. (2009). Genetic polymorphism in CYP2E1: Population distribution of CYP2E1 activity [Review]. J Toxicol Environ Health B Crit Rev 12: 362-388. http://dx.doi.org/10.1080/10937400903158359

New Hampshire DES (New Hampshire Department of Environmental Services). (2013). New Hampshire Code of Administrative Rules. Chapt. Env-A-1400. Regulated Toxic Air Pollutants. http://des.nh.gov/organization/commissioner/legal/rules/documents/env-a1400.pdf

NEWMOA (Northeast Waste Management Officials' Association). (2001). Pollution prevention technology profile - Closed loop vapor degreasing. Boston, MA. http://www.newmoa.org/prevention/p2tech/ProfileVaporDegreasing.pdf

NFPA (National Fire Protection Association). (2010). Fire Protection Guide to Hazardous Materials. Quincy, MA.

NICNAS (National Industrial Chemicals Notification and Assessment Scheme). (2017). Human health tier II assessment for Propane, 1-bromo. https://www.nicnas.gov.au/chemical-information/imap-assessments/imap-assessment-details?assessment_id=70#cas-A_106-94-5

OPPT Risk Assessment, Problem Formulation or Scope Document

On Topic

NIOSH (National Institute for Occupational Safety and Health). (1997). Control of health and safety hazards in commercial drycleaners: chemical exposures, fire hazards, and ergonomic risk factors. (DHHS (NIOSH) Publication Number 97-150). Atlanta, GA. http://www.cdc.gov/niosh/docs/97-150/

NIOSH (National Institute for Occupational Safety and Health). (2002). Health Hazard Evaluation Report No. 98-0153-2883. Custom Products Inc. Mooreville. NC. (98-0153-2883). National Instutute for Occupational Safety and Health. http://www.cdc.gov/niosh/hhe/reports/pdfs/1998-0153-2883.pdf

NIOSH (National Institute for Occupational Safety and Health). (2002). Health Hazard Evaluation Report: HETA # 2000-0410-2891 STN Cushion Company, Thomasville, North Carolina. In HETAB Hazard Evaluation and technical Assisstance Branch. (HETA 2000-410-2891.). Cincinnati, OH. http://www.cdc.gov/niosh/hhe/reports/pdfs/2000-0410-2891.pdf

NIOSH (National Institute for Occupational Safety and Health). (2003). Hazard Evaluation Report : HETA 99-260-2906. Marx Industries Inc., Sawmills, NC. In Hazard Evaluation and Technical Assisstance Branch. (HETA 99-260-2906). NIOSH Publication Office, Cincinnati, OH: National Institute for Occupational Health and Safety. http://www.cdc.gov/niosh/hhe/reports/pdfs/1999-0260-2906.pdf

NIOSH (National Institute for Occupational Safety and Health). (2007). Workers' exposures to n-propyl bromide at an adhesives and coating manufacturer. Cincinnati, OH: NIOSH Division of Surveillance, Hazard Evaluation and Field Studies. http://www.cdc.gov/niosh/nioshtic-2/20031869.html

NIOSH (National Institute for Occupational Safety and Health). (2010). Evaluation of 1-bromopropane use in four New jersey Commercial Dry Cleaning Facilities. In New Jersey Department of Health and Senior Services. (HETA 2008-0175-3111). http://www.cdc.gov/niosh/hhe/reports/pdfs/2008-0175-3111.pdf

NIOSH (National Institute for Occupational Safety and Health). (2012). NIOSH Workplace Safety and Health Topics. Dry Cleaning. Atlanta, GA. http://www.cdc.gov/niosh/topics/dryclean/

NITE (National Institute of Technology and Evaluation). (2014). Chemical Risk Information Platform (CHRIP). National Institute of Technology and Evaluation. Available online at http://www.safe.nite.go.jp/english/db.html

NITE (National Institute of Technology and Evaluation). (2014). Japan Chemicals Collaborative Knowledge Database (J-CHECK). National Institute of Technology and Evaluation. Available online at http://www.safe.nite.go.jp/jcheck/detail.action?cno=106-94-5&mno=2-0073&request_locale=en

NRC (National Research Council). (2001). Standing Operating Procedures for Developing Acute Exposure Guideline Levels for Hazardous Chemicals. http://www.nap.edu/catalog.php?record_id=10122

NTP (National Toxicology Program). (1989). Toxicology and carcinogenesis studies of bromoethane in F344/N rats and B6C3F1 mice (inhalation studies). (Report No. 363). RTP, NC: National Toxicology Program Technical Report Series. http://ntp.niehs.nih.gov/ntp/htdocs/lt_rpts/tr363.pdf

NTP (National Toxicology Program). (2011). NTP technical report on the toxicology and carcinogenesis studies of 1-bromopropane (CAS No. 106-94-5) in F344/N rats and B6C3F1 mice (inhalation studies). (NTP TR 564; NIH Publication No. 11-5906). Research Triangle Park, NC. http://ntp.niehs.nih.gov/ntp/htdocs/lt_rpts/tr564.pdf

NTP (National Toxicology Program). (2013). Draft report on carcinogens. monograph for 1-bromopropane. Research Triangle Park, NC. http://ntp.niehs.nih.gov/ntp/about_ntp/monopeerrvw/2013/march/draftroc1bpmonograph_508.pdf

NTP (National Toxicology Program). (2014). Report on carcinogens. Thirteenth edition. Research Triangle Park, NC: U.S. Department of Health and Human Services, Public Health Service.

NTP-CERHR (NTP Center for the Evaluation of Risks to Human Reproduction). (2003). NTP-CERHR monograph on the potential human reproductive and developmental effects of 1-bromopropane [NTP]. (NIH Publication No. 04-4479). Research Triangle Park, NC: National Toxicology Program. http://ntp.niehs.nih.gov/ntp/ohat/bromopropanes/1-bromopropane/1BP_monograph.pdf

OECD (Organisation for Economic Co-operation and Development). (2015). OECD Existing Chemicals Database. CAS No. 106-94-5. http://webnet.oecd.org/Hpv/UI/SIDS_Details.aspx?id=3641CA8F-3A13-4903-A8BD-92A047AF868F

OEHHA (California Office of Environmental Health Hazard Assessment). (2004). OEHHA Proposition 65. Chemical listed effective December 7, 2004 as known to the state of California to cause reproductive toxicity: 1-bromopropane (1-BP). State of California Environmental Protection Agency. http://oehha.ca.gov/prop65/prop65_list/1bpnote.html

OEHHA (California Office of Environmental Health Hazard Assessment). (2015). OEHHA proposition 65. Notice of intent to list: 1-bromopropane. http://oehha.ca.gov/prop65/CRNR_notices/admin_listing/intent_to_list/NOIL0710151bromopropane.html

Ohnishi, A; Ishidao, T; Kasai, T; Arashidani, K; Hori, H. (1999). [Neurotoxicity of 1-bromopropane in rats]. J UOEH 21: 23-28.

O'Neil, MJ. (2013). The Merck index: An encyclopedia of chemicals, drugs, and biologicals. In MJ O'Neil (Ed.), (15th ed.). Cambridge, UK: Royal Society of Chemistry.

Osborn. (2015). Osborn High Tech Electronic Cleaner 76334. Safety Data Sheet. (Product Code M-5722). Richmond, IN: Osborn.

OSHA (Occupational Safety & Health Administration). (2005). Reducing worker exposure to perchloroethylene (PERC) in dry cleaning. (OSHA 3253-05N). Washington, DC: U.S. Department of Labor, Occupational Safety & Health Administration. https://www.osha.gov/dsg/guidance/perc.html

OSHA (Occupational Safety & Health Administration). (2013). OSHA/NIOSH hazard alert: 1-Bromopropane. (OSHA - HA-3676-2013). Washington, DC: Occupational Safety & Health Administration, National Institute for Occupational Safety and Health. https://www.osha.gov/dts/hazardalerts/1bromopropane_hazard_alert.html

Patty, FA. (1963). Patty's Industrial Hygiene and Toxicology: vol. 2 Toxicology, p. 1301. In Editor. New York, NY: Interscence Publishers.

Patty, FA; Fassett, DW; Irish, DD. (1963). Industrial hygiene and toxicology: Vol. II: Toxicology. In FA Patty; DW Fassett; DD Irish (Eds.), (2nd revised ed.). New York, NY: Interscience Publishers.

Pearson, RG. (1990). Hard and soft acids and bases - the evolution of a chemical concept. Coord Chem Rev 100: 403-425. http://dx.doi.org/10.1016/0010-8545(90)85016-L

OPPT Risk Assessment, Problem Formulation or Scope Document

On Topic

Pettyjohn's Solutions. (2012). Homerun Cleaning Fluid. Material Safety Data Sheet. Available online at http://www.pettyjohnsolutions.com/pdf/MSDS%20Homerun%20Cleaning%20Fluid%20-%20July%202012.pdf

Poly Systems USA Inc. (2013). Fabrisolv (TM) XL Technical Datasheet. Poly Systems USA Inc. http://www.fabrisolv.com/products/fabrisolv.html

Porter, LM; Jones, AR. (1995). Inhibition of glyceraldehyde 3- phosphate dehydrogenase in boar spermatozoa by bromohydroxypropanone. Reprod Fertil Dev 7: 107-111. http://dx.doi.org/10.1071/RD9950107

Qin, JZ; Xin, H; Nickoloff, BJ. (2010). 3-Bromopyruvate indices necrotic cell death in sensitive melanoma cell lines. Biochem Biophys Res Commun 396: 495-500. http://dx.doi.org/10.1016/j.bbrc.2010.04.126

Raymond, LW; Ford, MD. (2007). Severe illness in furniture makers using a new glue: 1-bromopropane toxicity confounded by arsenic. J Occup Environ Med 49: 1009-1019. http://dx.doi.org/10.1097/JOM.0b013e318145b616

RSC (Royal Society of Chemistry). (2013). n-Propyl Bromide. Record no. 1453 [Encyclopedia]. In Merck index: An encyclopedia of chemicals, drugs, and biologicals (15 ed.). Cambridge, UK. http://pubs.rsc.org/en/content/ebook/9781849736701#!divbookcontent

Saito-Suzuki, R; Teramoto, S; Shirasu, Y. (1982). Dominant lethal studies in rats with 1,2-dibromo-3-chloropropane and its structurally related compounds. Mutat Res Genet Toxicol 101: 321-327. http://dx.doi.org/10.1016/0165-1218(82)90125-2

Sakuratani, Y; Yamada, J; Kasai, K; Noguchi, Y; Nishihara, T. (2005). External validation of the biodegradability prediction model CATABOL using data sets of existing and new chemicals under the Japanese Chemical Substances Control Law. 16: 403-431. http://dx.doi.org/10.1080/10659360500320289

Samukawa, M; Ichihara, G; Oka, N; Kusunoki, S. (2012). A case of severe neurotoxicity associated with exposure to 1-bromopropane, an alternative to ozone-depleting or global-warming solvents. Arch Intern Med 172: 1257-1260. http://dx.doi.org/10.1001/archinternmed.2012.3987

Satellite City Instant Glues. (2015). NCF Accelerators. Safety Data Sheet. (Safety Data Sheet number is SAT- 002. Product Code is Part No. NCF (NCF & NCFM) 2,5, and 18). Santa Rosa, CA: Satellite City Instant Glues.

SCG (Scientific Consulting Group, Inc.). (2013). Final peer review comments for the OPPT trichloroethylene (TCE) draft risk assessment. Available online at http://www.scgcorp.com/tcl2013/prcomments.asp

Sclar, G. (1999). Encephalomyeloradiculoneuropathy following exposure to an industrial solvent. Clin Neurol Neurosurg 101: 199-202. http://dx.doi.org/10.1016/S0303-8467(99)00034-7

Sekiguchi, S; Suda, M; Zhai, YL; Honma, T. (2002). Effects of 1-bromopropane, 2-bromopropane, and 1,2-dichloropropane on the estrous cycle and ovulation in F344 rats. Toxicol Lett 126: 41-49.

Sherwin Williams. (2014). Sprayon liqui-sol food grade ultra-force safety solvent & degreaser. Material safety data sheet. Available online at http://www.paintdocs.com/docs/app/web/page/docCategory/

Simmon, VF; Kauhanen, K; Tardiff, RG. (1977). Mutagenic activity of chemicals identified in drinking water. Progress in Genetic Toxicology: Proceedings of the Second International Conference on Environmental Mutagens, July 11-15, 1977, Edinburgh.

Slide Products I. (2012). Bulk Cuting Oil. MSDS. (Product Number 413HBBulk). Wheeling, IL: Slide Products; I.

Slide Products Inc. (2012). Slide Cutting Oil Aerosol.MSDS. (Product Number 41314). Wheeling, IL: Slide Products Inc.

Sohn, YK; Suh, JS; Kim, JW; Seo, HH; Kim, JY; Kim, HY; Lee, JY; Lee, SB; Han, JH; Lee, YM; Lee, JY. (2002). A histopathologic study of the nervous system after inhalation exposure of 1-bromopropane in rat. Toxicol Lett 131: 195-201. http://dx.doi.org/10.1016/S0378-4274(02)00051-6

Sprayon Products. (2014). EL 2846L Non-Chlorinated Flash Free Electronic Solvent. MSDS. (Product No. S2086550). Cleveland, OH: Sprayon Products. http://www.paintdocs.com/docs/webPDF.jsp?SITEID=SO&doctype=MSDS&prodno=S20846050&lang=2

Stewart. (1998). Airborne exposure assessment of 1-bromopropane (Sanitized). Stewart.

Subramanian, K; Mohideen, SS; Suzumura, A; Asai, N; Murakumo, Y; Takahashi, M; Jin, S; Zhang, L; Huang, Z; Ichihara, S; Kitoh, J; Ichihara, G. (2012). Exposure to 1-bromopropane induces microglial changes and oxidative stress in the rat cerebellum. Toxicology 302: 18-24. http://dx.doi.org/10.1016/j.tox.2012.07.006

Tachizawa, H; MacDonald, TL; Neal, RA. (1982). Rat liver microsomal metabolism of propyl halides. Mol Pharmacol 22: 745-751.

TCC (Technical Chemical Company). (2014). Johnsen's Premium A/C Flush Non-Flammable 32 fl.oz. SDS [Fact Sheet]. (Product Code 6645-6). Cleburne, TX.

Tech Spray. (2003). nPB and aerosol exposure. Tech Spray, L.P. Management. http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OAR-2002-0064-0044

Thomas, AP; Halestrap, AP. (1981). Identification of the protein responsible for pyruvate transport into rat liver and heart mitochondria by specific labelling with [3H]N-phenylmaleimide. Biochem J 196: 471-479.

Thomasnet.com. (2013). Enviro Tech International, Inc. Thomasnet Supplier Discovery and Product Sourcing. http://www.thomasnet.com/profile/30239626/enviro-tech-international-inc.html?cov=NA&WTZO=Company+Profile

Toraason, M; Lynch, DW; Debord, DG; Singh, N; Krieg, E; Butler, MA; Toennis, CA; Nemhauser, JB. (2006). DNA damage in leukocytes of workers occupationally exposed to 1-bromopropane. Mutat Res Genet Toxicol Environ Mutagen 603: 1-14. http://dx.doi.org/10.1016/j.mrgentox.2005.08.015

Trafalis, DT; Panteli, ES; Grivas, A; Tsigris, C; Karamanakos, P. (2010). CYP2E1 and risk of chemically mediated cancers. Expert Opin Drug Metab Toxicol 6: 307-319. http://dx.doi.org/10.1517/17425250903540238

TURI (Toxics Use Reduction Institute). (1996). Evaluation of alternatives to chlorinated solvents for metal cleaning. (CR821859-01-O). Lowell, MA: U.S. Environmental Protection Agency. http://www.turi.org/TURI_Publications/Toxics_Use_Reduction_for_Industrial_Processes/Cleaning/Evaluation_of_alternatives_to_chlorinated_solvents_for_metal_cleaning._1996

TURI (Toxics Use Reduction Institute). (2012). Assessment of Alternatives to the Perchloroethylene for Dry Cleaning Industry. In UMASS Lowell. Toxics Use Reduction Institute.

http://www.turi.org/TURI_Publications/TURI_Methods_Policy_Reports/Assessment_of_Alternatives_to_Perchloroethylene_for_the_Dry_Cleaning_Industry._2012

U.S. BLS (U.S. Bureau of Labor Statistics). (2015). Occupational employment statistics: May 2014 national industry-specific occupational employment and wage estimates. Available online at http://www.bls.gov/oes/current/oessrci.htm

U.S. Census Bureau. (2012). Statistics of U.S. businesses: Historical data available for downloading - 2012. Available online at http://www.census.gov/econ/susb/data/download_susb2012.html

U.S. EPA (U.S. Environmental Protection Agency). (1977). Control of volatile organic emissions from solvent metal cleaning [EPA Report]. (EPA-450/2-77-022). Research Triangle Park, NC: U.S. Environmental Protection Agency, Office of Air and Waste Management, Office of Air Quality Planning and Standards.

U.S. EPA (U.S. Environmental Protection Agency). (1981). AP-42. Compilation of air pollutant emission factors. Chapter 4. 6: Solvent degreasing. Washington, DC. http://www3.epa.gov/ttn/chief/ap42/ch04/final/c4s06.pdf

U.S. EPA (U.S. Environmental Protection Agency). (1988). Recommendations for and documentation of biological values for use in risk assessment (pp. 1-395). (EPA/600/6-87/008). Cincinnati, OH: U.S. Environmental Protection Agency, Office of Research and Development, Office of Health and Environmental Assessment. http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=34855

U.S. EPA (U.S. Environmental Protection Agency). (1991). Guidelines for developmental toxicity risk assessment (pp. 1-71). (EPA/600/FR-91/001). Washington, DC: U.S. Environmental Protection Agency, Risk Assessment Forum. http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=23162

U.S. EPA (U.S. Environmental Protection Agency). (1994). Methods for derivation of inhalation reference concentrations and application of inhalation dosimetry [EPA Report] (pp. 1-409). (EPA/600/8-90/066F). Research Triangle Park, NC: U.S. Environmental Protection Agency, Office of Research and Development, Office of Health and Environmental Assessment, Environmental Criteria and Assessment Office. https://cfpub.epa.gov/ncea/risk/recordisplay.cfm?deid=71993&CFID=51174829&CFTOKEN=25006317

U.S. EPA (U.S. Environmental Protection Agency). (1995). Estimation of distributions for residential air exchange rates: Final report. (Document No. 600R95180). Washington, DC: U.S. Environmental Protection Agency, Office of Pollution Prevention and Toxics. http://nepis.epa.gov/Exe/ZyNET.exe/910063GS.TXT?ZyActionD=ZyDocument&Client=EPA&Index=1995+Thru+1999&Docs=&Query=&Time=&EndTime=&SearchMethod=1&TocRestrict=n&Toc=&TocEntry=&QField=&QFieldYear=&QFieldMonth=&QFieldDay=&IntQFieldOp=0&ExtQFieldOp=0&XmlQuery=&File=D%3A%5Czyfiles%5CIndex%20Data%5C95thru99%5CTxt%5C00000025%5C910063GS.txt&User=ANONYMOUS&Password=anonymous&SortMethod=h%7C-&MaximumDocuments=1&FuzzyDegree=0&ImageQuality=r75g8/r75g8/x150y150g16/i425&Display=p%7Cf&DefSeekPage=x&SearchBack=ZyActionL&Back=ZyActionS&BackDesc=Results%20page&MaximumPages=1&ZyEntry=1&SeekPage=x&ZyPURL

U.S. EPA (U.S. Environmental Protection Agency). (1996). Guidelines for reproductive toxicity risk assessment (pp. 1-143). (EPA/630/R-96/009). Washington, DC: U.S. Environmental Protection Agency, Risk Assessment Forum.

U.S. EPA (U.S. Environmental Protection Agency). (1997). Exposure factors handbook [EPA Report]. (EPA/600/P-95/002Fa-c). Washington, DC. http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=12464

U.S. EPA (U.S. Environmental Protection Agency). (1997). Solvent Cleaning. Volume III, Chapter 6. pp. 6.2.1. Washington, DC. http://www3.epa.gov/ttnchie1/eiip/techreport/volume03/iii06fin.pdf

U.S. EPA (U.S. Environmental Protection Agency). (1998). Guidelines for ecological risk assessment [EPA Report]. (EPA/630/R-95/002F). Washington, DC: U.S. Environmental Protection Agency, Risk Assessment Forum. http://www.epa.gov/raf/publications/guidelines-ecological-risk-assessment.htm

U.S. EPA (U.S. Environmental Protection Agency). (1998). Guidelines for neurotoxicity risk assessment [EPA Report] (pp. 1-89). (EPA/630/R-95/001F). Washington, DC: U.S. Environmental Protection Agency, Risk Assessment Forum. http://www.epa.gov/risk/guidelines-neurotoxicity-risk-assessment

U.S. EPA (U.S. Environmental Protection Agency). (1999). Category for persistent, bioaccumulative, and toxic new chemical substances. Fed Reg 64: 60194-60204.

U.S. EPA (U.S. Environmental Protection Agency). (2000). Science policy council handbook: Risk characterization (pp. 1-189). (EPA/100/B-00/002). Washington, D.C.: U.S. Environmental Protection Agency, Science Policy Council. https://www.epa.gov/risk/risk-characterization-handbook

U.S. EPA (U.S. Environmental Protection Agency). (2001). Risk assessment guidance for superfund: Volume III - Part A, Process for conducting probabilistic risk assessment [EPA Report]. (EPA/540-R-02-002). Washington, DC: U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. http://www2.epa.gov/sites/production/files/2015-09/documents/rags3adt_complete.pdf

U.S. EPA (U.S. Environmental Protection Agency). (2002). A review of the reference dose and reference concentration processes (pp. 1-192). (EPA/630/P-02/002F). Washington, DC: U.S. Environmental Protection Agency, Risk Assessment Forum. http://www.epa.gov/osa/review-reference-dose-and-reference-concentration-processes

U.S. EPA (U.S. Environmental Protection Agency). (2003). Protection of the stratospheric ozone: Listing of substances for ozone depleting substances - n-propyl bromide. Fed Reg 68: 33284-33316.

U.S. EPA (U.S. Environmental Protection Agency). (2006). A framework for assessing health risk of environmental exposures to children (pp. 1-145). (EPA/600/R-05/093F). Washington, DC: U.S. Environmental Protection Agency, Office of Research and Development, National Center for Environmental Assessment. http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=158363

U.S. EPA (U.S. Environmental Protection Agency). (2006). Risk assessment for the halogenated solvent cleaning source category [EPA Report]. (EPA Contract No. 68-D-01-052). Research Triangle Park, NC: U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. http://www3.epa.gov/airtoxics/degrea/residrisk2008.pdf

OPPT Risk Assessment, Problem Formulation or Scope Document

On Topic

U.S. EPA (U.S. Environmental Protection Agency). (2006). Significant new alternatives policy (SNAP) - Risk screen on substitutes for ozone depleting substances for adhesive, aerosol solvent, and solvent cleaning applications. Proposed substitute: n-Propyl bromide. In Office of Air and Radiation, Stratospheric Protection Division. Washington DC.

U.S. EPA (U.S. Environmental Protection Agency). (2007). Exposure and Fate Assessment Screening Tool (E-FAST), Version 2.0 [Computer Program]. Washington, DC.

U.S. EPA (U.S. Environmental Protection Agency). (2007). Protection of stratospheric ozone: Listing of substances for ozone depleting substances - n-propyl bromide in adhesives, coatings and aerosols. Fed Reg 72: 30168-30207.

U.S. EPA (U.S. Environmental Protection Agency). (2007). Protection of stratospheric ozone: Listing of substitutes for ozone-depleting substances-n-propyl bromide in solvent cleaning. Fed Reg 72: 30142-30167.

U.S. EPA (U.S. Environmental Protection Agency). (2010). TSCA New Chemicals Program (NCP) chemical categories. http://www.epa.gov/oppt/newchems/pubs/npcchemicalcategories.pdf

U.S. EPA (U.S. Environmental Protection Agency). (2011). Exposure factors handbook: 2011 edition (final) [EPA Report]. (EPA/600/R-090/052F). Washington, DC: U.S. Environmental Protection Agency, Office of Research and Development, National Center for Environmental Assessment. http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=236252

U.S. EPA (U.S. Environmental Protection Agency). (2012). Benchmark dose technical guidance. (EPA/100/R-12/001). Washington, DC: U.S. Environmental Protection Agency, Risk Assessment Forum. https://www.epa.gov/risk/benchmark-dose-technical-guidance

U.S. EPA (U.S. Environmental Protection Agency). (2012). Estimation Programs Interface (EPI) Suite™ for Microsoft® Windows (Version 4.11). Washington D.C.: Environmental Protection Agency. Retrieved from http://www.epa.gov/opptintr/exposure/pubs/episuite.htm

U.S. EPA (U.S. Environmental Protection Agency). (2012). Fact Sheet on Perchloroethylene, also known as Tetrachloroethylene [Fact Sheet]. http://www.epa.gov/oppt/existingchemicals/pubs/perchloroethylene_fact_sheet.html

U.S. EPA (U.S. Environmental Protection Agency). (2012). Non-Confidential 2012 Chemical Data Reporting. Available online at http://www.epa.gov/oppt/cdr/pubs/guidance/1st_CDR_basics_factsheet_5_23_2014.pdf

U.S. EPA (U.S. Environmental Protection Agency). (2012). Sustainable futures P2 framework manual [EPA Report]. (EPA-748-B12-001). Washington DC. http://www.epa.gov/sustainable-futures/sustainable-futures-p2-framework-manual

U.S. EPA (U.S. Environmental Protection Agency). (2013). Interpretive assistance document for assessment of discrete organic chemicals. Sustainable futures summary assessment [EPA Report]. Washington, DC. http://www.epa.gov/sites/production/files/2015-05/documents/05-iad_discretes_june2013.pdf

U.S. EPA (U.S. Environmental Protection Agency). (2013). Use and market profile for 1-bromopropane in dry cleaning [EPA Report]. Washington, DC.

U.S. EPA (U.S. Environmental Protection Agency). (2013). Use and market profile for 1-bromopropane in vapor degreasers, spray adhesives, and aerosol solvents [EPA Report]. Washington, DC.

U.S. EPA (U.S. Environmental Protection Agency). (2014). Degreasing with TCE in commercial facilities: Protecting workers [EPA Report]. Washington, DC: U.S. Environmental Protection Agency, Office of Pollution Prevention and Toxics.

U.S. EPA (U.S. Environmental Protection Agency). (2014). Framework for human health risk assessment to inform decision making. Final [EPA Report]. (EPA/100/R-14/001). Washington, DC: U.S. Environmental Protection, Risk Assessment Forum. http://www2.epa.gov/risk/framework-human-health-risk-assessment-inform-decision-making

U.S. EPA (U.S. Environmental Protection Agency). (2014). TSCA work plan chemical risk assessment. Trichloroethylene: Degreasing, spot cleaning and arts & crafts uses. In OCSPP. (EPA Document #740-R1-4002). Washington, DC: Office of Chemical Safety and Pollution Prevention. http://www2.epa.gov/sites/production/files/2015-09/documents/tce_opptworkplanchemra_final_062414.pdf

U.S. EPA (U.S. Environmental Protection Agency). (2015). Addition of 1-Bromopropane: Community -Right -To -Know Toxic Chemicals Release Reporting. Fed Reg 80: 20189-20195.

U.S. EPA (U.S. Environmental Protection Agency). (2015). Petition to add n-Propyl Bromide to the list of hazardous air pollutants. Fed Reg 80: 6676-6679.

U.S. EPA (U.S. Environmental Protection Agency). (2016). CPCat (Chemical and Product Categories) [Database]. Retrieved from https://www.epa.gov/chemical-research/chemical-and-product-categories-cpcat

U.S. EPA (U.S. Environmental Protection Agency). (2016). Public database 2016 chemical data reporting (May 2017 release). Washington, DC: US Environmental Protection Agency, Office of Pollution Prevention and Toxics. Retrieved from https://www.epa.gov/chemical-data-reporting

U.S. EPA (U.S. Environmental Protection Agency). (2016). TSCA work plan chemical risk assessment: Peer review draft 1-bromopropane: (n-Propyl bromide) spray adhesives, dry cleaning, and degreasing uses CASRN: 106-94-5 [EPA Report]. (EPA 740-R1-5001). Washington, DC. https://www.epa.gov/sites/production/files/2016-03/documents/1-bp_report_and_appendices_final.pdf

U.S. EPA (U.S. Environmental Protection Agency). (2016). Weight of evidence in ecological assessment. (EPA100R16001). Washington, DC: Office of the Science Advisor. https://cfpub.epa.gov/si/si_public_record_report.cfm?dirEntryId=335523

U.S. EPA (U.S. Environmental Protection Agency). (2017). Internal communication. Washington, DC: U.S. Environmental Protection Agency, Office of Pollution Prevention and Toxics.

U.S. EPA (U.S. Environmental Protection Agency). (2017). Preliminary Information on Manufacturing, Processing, Distribution, Use, and Disposal: 1-Bromopropane. Support document for Docket EPA-HQ-OPPT-2016-0741. Washington, DC: Office of Chemical Safety and Pollution Prevention. https://www.epa.gov/sites/production/files/2017-02/documents/1-bromopropane.pdf

U.S. EPA (U.S. Environmental Protection Agency). (2017). Toxics Release Inventory (TRI). Retrieved from https://www.epa.gov/toxics-release-inventory-tri-program/tri-data-and-tools

OPPT Risk Assessment, Problem Formulation or Scope Document

On Topic

Ueno, S; Yoshida, Y; Fueta, Y; Ishidao, T; Liu, J; Kunugita, N; Yanagihara, N; Hori, H. (2007). Changes in the function of the inhibitory neurotransmitter system in the rat brain following subchronic inhalation exposure to 1-bromopropane. Neurotoxicology 28: 415-420. http://dx.doi.org/10.1016/j.neuro.2006.03.006

UNEP (United Nations Environment Programme). (2001). Report on the Geographical Market Potential and Estimated Emissions of n-Propyl Bromide. United Nations Environmental Program. http://infohouse.p2ric.org/ref/16/15304.pdf

Urbina, I. (2013). As OSHA emphasizes safety, long-term health risks fester. Available online at http://www.nytimes.com/2013/03/31/us/osha-emphasizes-safety-health-risks-fester.html?_r=1

Valentine, H; Amarnath, K; Amarnath, V; Li, WH; Ding, XC; Valentine, WM; Ichihara, G. (2007). Globin S-Propyl Cysteine and urinary N-acetyl-S-propylcysteine as internal biomarkers of 1-bromopropane exposure. Toxicol Sci 98: 427-435. http://dx.doi.org/10.1093/toxsci/kfm126

Van Raaij, MTM; Janssen, PAH; Piersma, AH. (2003). The relevance of developmental toxicity endpoints for acute limits settings. In Nederlands National Institute for Public Health and the Environment. (RIVM Report 601900004). Nederlands: Van Raaij, MTM; Janssen, PAH; Piersma, AH. http://www2.epa.gov/sites/production/files/2014-04/documents/mtg35b.pdf

Vince, T. (2009). Finding a future-proof cleaning system. Available online at http://www.laundryandcleaningnews.com/features/featurefinding-a-future-proof-cleaning-system

von Grote, J; Hürlimann, C; Scheringer, M; Hungerbühler, K. (2006). Assessing occupational exposure to perchloroethylene in dry cleaning. J Occup Environ Hyg 3: 606-619. http://dx.doi.org/10.1080/15459620600912173

Von Grote, J; Hurlimann, JC; Scheringer, M; Hungerbuhler, K. (2003). Reduction of Occupational Exposure to Perchloroethylene and Trichloroethylene in Metal Degreasing over the Last 30 years: Influence of Technology Innovation and Legislation. J Expo Anal Environ Epidemiol 13: 325-340. http://dx.doi.org/10.1038/sj.jea.7500288

Wadden, RA; Scheff, PA; Franke, JE. (1989). Emission Factors for Trichloroethylene Vapor Degreasers. Am Ind Hyg Assoc J 50: 495-500.

Wang, H; Ichihara, G; Ito, H; Kato, K; Kitoh, J; Yamada, T; Yu, X; Tsuboi, S; Moriyama, Y; Sakatani, R; Shibata, E; Kamijima, M; Itohara, S; Takeuchi, Y. (2002). Biochemical changes in the central nervous system of rats exposed to 1-bromopropane for seven days. Toxicol Sci 67: 114-120. http://dx.doi.org/10.1093/toxsci/67.1.114

Wang, H; Ichihara, G; Ito, H; Kato, K; Kitoh, J; Yamada, T; Yu, X; Tsuboi, S; Moriyama, Y; Takeuchi, Y. (2003). Dose-dependent biochemical changes in rat central nervous system after 12-week exposure to 1-bromopropane. Neurotoxicology 24: 199-206. http://dx.doi.org/10.1016/S0161-813X(02)00195-X

Wang, QH; Zhong, ZX; Chen, JJ; Xie, KQ; Zhao, XL. (2012). [Development of peripheral neuropathy rat model induced by 1-bromopropane]. Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi 30: 751-755.

Westat. (1987). Household solvent products: A national usage survey. Washington, DC: Battelle Columbus Division, U.S. Environmental Protection Agency. https://ntrl.ntis.gov/NTRL/dashboard/searchResults.xhtml?searchQuery=PB88132881

Wheeler, MW; Bailer, AJ. (2007). Properties of model-averaged BMDLs: A study of model averaging in dichotomous response risk estimation. Risk Anal 27: 659-670. http://dx.doi.org/10.1111/j.1539-6924.2007.00920.x

Wheeler, MW; Bailer, AJ. (2008). Model Averaging Software for Dichotomous Dose Response Risk Estimation. J Stat Softw 26. http://dx.doi.org/10.18637/jss.v026.i05

WIL Research (WIL Research Labs). (2001). An inhalation two-generation reproductive toxicity study of 1-bromopropane in rats. (Study No. WIL-380001). Ashland, OH.

Woo, YT; Lai, DY. (2003). Mechanism of action of chemical carcinogenes and their role in Structure-Activity Relationship (SAR) analysis and risk assessment. In R Benigni (Ed.), Quantitative structure-activity relationship (QSAR) models of mutagens and carcinogens (pp. 41-80). Boca Raton, FL: CRC Press.

Yalkowsky, SH; He, Y; Jain, P. (2010). Handbook of Aqueous Solubility Data, p. 60. Boca Raton, FL: CRC Press.

Yamada, T; Ichihara, G; Wang, H; Yu, X; Maeda, K; Tsukamura, H; Kamijima, M; Nakajima, T; Takeuchi, Y. (2003). Exposure to 1-bromopropane causes ovarian dysfunction in rats. Toxicol Sci 71: 96-103. http://dx.doi.org/10.1093/toxsci/71.1.96

Yoshida, Y; Liu, JQ; Nakano, Y; Ueno, S; Ohmori, S; Fueta, Y; Ishidao, T; Kunugita, N; Yamashita, U; Hori, H. (2007). 1-BP inhibits NF-kappaB activity and Bcl-xL expression in astrocytes in vitro and reduces Bcl-xL expression in the brains of rats in vivo. Neurotoxicology 28: 381-386. http://dx.doi.org/10.1016/j.neuro.2006.05.015

Young, ML. (2012). Pre-spotting step toward better cleaning. Available online at https://americandrycleaner.com/articles/pre-spotting-step-toward-better-cleaning

Yu, WJ; Kim, JC; Chung, MK. (2008). Lack of dominant lethality in mice following 1-bromopropane treatment. Mutat Res Genet Toxicol Environ Mutagen 652: 81-87. http://dx.doi.org/10.1016/j.mrgentox.2008.01.001

Yu, X; Ichihara, G; Kitoh, J; Xie, Z; Shibata, E; Kamijima, M; Takeuchi, Y. (2001). Neurotoxicity of 2-bromopropane and 1-bromopropane, alternative solvents for chlorofluorocarbons. Environ Res 85: 48-52. http://dx.doi.org/10.1006/enrs.2000.4226

ZEP Inc. (2015). ZEP POWER SOLV 5000. (Product Code 0021). Edmonton, Alberta: ZEP Inc.

Zhang, L; Nagai, T; Yamada, K; Ibi, D; Ichihara, S; Subramanian, K; Huang, Z; Mohideen, SS; Naito, H; Ichihara, G. (2013). Effects of sub-acute and sub-chronic inhalation of 1-bromopropane on neurogenesis in adult rats. Toxicology 304: 76-82. http://dx.doi.org/10.1016/j.tox.2012.12.009

Zhang, ZW; Kawai, T; Takeuchi, A; Miyama, Y; Sakamoto, K; Watanabe, T; Matsuda-Inoguchi, N; Shimbo, S; Higashikawa, K; Ikeda, M. (2001). Urinary bromide levels probably dependent to intake of foods such as sea algae. Arch Environ Contam Toxicol 40: 579-584. http://dx.doi.org/10.1007/s002440010213

Zhao, WY; Aoki, K; Xie, TX; Misumi, J. (1999). Electrophysiological changes induced by different doses of 1-bromopropane and 2-bromopropane. J Occup Health 41: 1-7. http://dx.doi.org/10.1539/joh.41.1

OPPT Risk Assessment, Problem Formulation or Scope Document

On Topic

Zhong, Z; Zeng, T; Xie, K; Zhang, C; Chen, J; Bi, Y; Zhao, X. (2013). Elevation of 4-hydroxynonenal and malondialdehyde modified protein levels in cerebral cortex with cognitive dysfunction in rats exposed to 1-bromopropane. Toxicology 306: 16-23. http://dx.doi.org/10.1016/j.tox.2013.01.022

Gray Literature Search Results

Gray literature is defined as the broad category of studies not found in standard, peer-reviewed literature databases (e.g., PubMed). Gray literature includes studies that are difficult to find in conventional bibliographic databases and includes references such as white papers, conference proceedings, technical reports, reference books, dissertations and information on various stakeholder websites.

The gray literature search results are currently contained in this document and in Excel spreadsheets. EPA is considering whether to manually develop EndNote citations for *on topic* gray literature results. This section lists abbreviated information for each citation, including a link to the reference. Full gray literature search results are presented in the *Gray Literature Excel Spreadsheet: 1-Bromopropane*.

Note: Gray Lit Results provided as a second PDF.

Legend for Gray Literature Bibliography Columns

Source			A brief description of the gray literature source that was searched
General Information About Result	**URL**		The web address of the search result URL
	Annotation		An brief description of the search result
Subject-Matter Tags	**Engineering**	**On topic**	An "x" indicates the reference is on topic for the engineering/occupational exposure topic area
		Off topic	An "x" indicates the reference is off topic for the engineering/occupational exposure topic area
	Fate	**On topic**	An "x" indicates the reference is on topic for the fate topic area
		Off topic	An "x" indicates the reference is off topic for the fate topic area
	Exposure	**On topic**	An "x" indicates the reference is on topic for the exposure topic area
		Off topic	An "x" indicates the reference is off topic for the exposure topic area
	Human Health	**On topic**	An "x" indicates the reference is on topic for the human health topic area
		Off topic	An "x" indicates the reference is off topic for the human health topic area
Notes			Any notes about the search result, including a note about search results that were not tagged to individual topic areas but are considered "on topic" overall

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
Office of Air Quality Planning and Standards (OAQPS)	www3.epa.gov/airquality/	N/A		x		x		x		x	
Office of Air: Ambient Water Quality Criteria documents	www.epa.gov/wqc	N/A		x		x		x		x	
Office of Air: HAPS	www.epa.gov/haps/initial-list-hazardous-air-pollutants-modifications	N/A		x		x		x		x	
Office of Air: NESHAP	www.epa.gov/technical-air-pollution-resources	N/A		x		x		x		x	
Office of Air: TRI	www.epa.gov/tri	N/A		x		x		x		x	
OPPT: TSCA Analog Identification Methodology (AIM)	http://www.epa.gov/tsca-screening-tools/analog-identification-methodology-aim-tool	List and information about analogs from AIM tool		x		x	x			x	
Significant New Alternatives Policy (SNAP)	https://www.epa.gov/snap/substitutes-precision-cleaning	substances including substitutes for 1-BP		x		x		x		x	
Safer Choice	www.epa.gov/saferchoice/	N/A		x		x		x		x	
Pollution Prevention	www.epa.gov/p2/	N/A		x		x		x		x	
Pesticide Ingredients	www.epa.gov/ingredients-used-pesticide-products	N/A		x		x		x		x	
Hazardous Waste	www.epa.gov/hw/	N/A		x		x		x		x	
Superfund Enterprise Management System (SEMS)	cumulis.epa.gov/supercpad/cursites	N/A		x		x		x		x	
CPCat	https://actor.epa.gov/cpcat/faces/search.xhtml	CPCat (Chemical and Product Categories) is a database containing		x		x	x			x	
CPCat	https://actor.epa.gov/cpcat/faces/search.xhtml	CPCat (Chemical and Product Categories) is a database containing		x		x	x			x	
NCEA IRIS	www.epa.gov/iris	N/A		x		x		x		x	
ChemView (CDR/IUR)	http://java.epa.gov/chemview	Substantial risk reports submitted by companies		x		x	x			x	
ChemView (CDR/IUR)	http://java.epa.gov/chemview	Chemical data reporting	x			x		x		x	

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
Stationary Sources Air Pollution	www.epa.gov/stationary-sources-air-pollution/	N/A		x		x		x		x	
Asbestos	www.epa.gov/asbestos/	N/A		x		x		x		x	
Economic and cost assessment	www.epa.gov/economic-and-cost-analysis-air-pollution-regulations	N/A		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/P100Q6U6.PDF?Dockey=P100Q6U6.PDF	Assessment Peer Review Draft 1-bromopropane: (n-propyl Bromide)	x		x		x		x		
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/200172KM.PDF?Dockey=200172KM.PDF	Air Monitoring For Hazardous Materials		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/10002ZQ1.PDF?Dockey=10002ZQ1.PDF	of Demonstrated and Emerging Technologies for the Treatment of		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/P100M4N3.PDF?Dockey=P100M4N3.PDF	Tetrachlorodibenzo-p-dioxin (TCDD): In Vivo Mammalian Dose-Response		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/P100M2RW.PDF?Dockey=P100M2RW.PDF	Tetrachlorodibenzo-p-dioxin (TCDD): In Vivo Mammalian Dose-Response		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/9100CWTO.PDF?Dockey=9100CWTO.PDF	Chemicals for Human Monitoring Studies		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/10003Z6A.PDF?Dockey=10003Z6A.PDF	Technologies for Contaminated Land and Groundwater; Volume 2, Final		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/2000QRIP.PDF?Dockey=2000QRIP.PDF	Air Monitoring For Hazardous Materials		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/9100RCYS.PDF?Dockey=9100RCYS.PDF	Air Pollutants: Proceedings of the 1993 U.S. EPA/A&WMA International		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/P10008J9.PDF?Dockey=P10008J9.PDF	Health Risk Assessment: Synthesis And Characterization: An EPA		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/60001X9L.PDF?Dockey=60001X9L.PDF	Guidelines (ESGs) for the Protection of Benthic Organisms: PAH Mixtures		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/P100Q2EL.PDF?Dockey=P100Q2EL.PDF	Pollution Prevention Draft FY 2017 Addendum to the FY 2016-2017		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/30006DOD.PDF?Dockey=30006DOD.PDF	Equilibrium Partitioning Sediment Benchmarks(ESBs) For The		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=1000418U.txt	Protection Agency), Guide to Industrial Assessments for Pollution Prevention	x			x		x		x	

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=2000WL7L.txt	Protection Agency), Guidance Document for the Halogenated	x			x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/P100OFU7.PDF?Dockey=P100OFU7.PDF	Pollution Prevention Final FY 2017 Addendum to the FY 2016-2017		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/P100N3UC.PDF?Dockey=P100N3UC.PDF	Supplement Hazard Assessment of the Brominated Phthalates Cluster		x		x		x	x		
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/P1004H5Z.PDF?Dockey=P1004H5Z.PDF	Assessment Case Studies: Foam Fabrication Alternatives to Chlorinated		x		x	x			x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/P100N3UZ.PDF?Dockey=P100N3UZ.PDF	Formulation and Data Needs Assessment Brominated Phthalates	x		x		x		x		
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/P100NQPO.PDF?Dockey=P100NQPO.PDF	Reporting Forms and Instructions Revised 2015 Version Section 313 of		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/P100DVW2.PDF?Dockey=P100DVW2.PDF	Related to Dioxin Toxicity and Response to NAS Comments, Volume		x		x		x		x	
NSCEP documents (has NEPIS)	https://nepis.epa.gov/Exe/ZyPDF.cgi/9100EEVY.PDF?Dockey=9100EEVY.PDF	Photochemical Reactivity Workshop: Proceedings		x		x		x		x	
Regulatory Development and Retrospective Review Tracker	yosemite.epa.gov/opei/rulegate.nsf/	N/A		x		x		x		x	
TSCATS 2.0	https://yosemite.epa.gov/oppts/epatscat8.nsf/reportsearch?openform	TSCATS Low Detail Report		x	x		x		x		
HPV challenge submissions	cfpub.epa.gov/hpv-s/	N/A		x		x		x		x	
TSCA Use Dossiers and Public Comments	https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/evaluating-risk-existing-chemicals-under-tsca#table	Posting Memo									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0027	submitted by Christine Ernst, Earthjustice									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0736-0056	submitted by Timothy J. Lafond, P.E., Chair, Environmental Committee,									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0736-0053	submitted by Eve Gartner, Staff Attorney, Earthjustice et al.									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0736-0046	submitted by the Environmental Defense Fund (EDF)									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0736-0066	submitted by Stephanie Fox-Rawlings, National Center for Health Research									TSCA public comments are not tagged to specific discipline

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0736-0060	submitted by Susan Inglis, Executive Director, Sustainable Furnishings									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0736-0068	submitted by Juleen Lam, PhD, Associate Researcher, University of									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0022	submitted by Christina Franz, Senior Director, Regulatory & Technical									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0020	submitted by Elizabeth Hitchcock, Government Affairs Director and									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0023	submitted by Eve Gartner, Staff Attorney, Earthjustice on behalf of									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0019	submitted by Adhesive and Sealant Council et al.									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0010	submitted by Stacy Tatman, MS, JD, Director, Environmental Affairs,									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0024	submitted by Stephanie Fox-Rawlings, National Center for Health Research									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0016	submitted by Susan Inglis, Executive Director, Sustainable Furnishings									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0030	submitted by Juleen Lam, PhD, Associate Researcher, University of									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0741-0008	submitted by Richard G. Morford, General Counsel, Enviro Tech									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0741-0003	Manufacturing, Processing, Distribution, Use, and Disposal: 1-									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0741-0016	submitted by Richard Morford, General Counsel on behalf of Enviro									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0741-0021	submitted by Anthony Schatz, Ph.D, Director Occupational Health and									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0741-0012	submitted by Charles R. Nestrud, Chisenhall, Nestrud & Julian, P.A., on									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0741-0005	submitted by Jim Snead, State of Delaware Department of Natural									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0741-0007	submitted by Elizabeth Hitchcock, Government Affairs Director, Safer									TSCA public comments are not tagged to specific discipline

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0741-0009	submitted by Learning Disabilities Association of America (LDA)									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0741-0010	submitted by Barbara Kanegsberg, President and Ed Kanegsberg, Vice									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0741-0014	submitted by Leslie Riegle, Director of Environmental Policy Aerospace									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0741-0027	submitted by Patrick MacRoy, Environmental Health Strategy Center									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0741-0019	submitted by James Cooper, Senior Petrochemical Advisor, American Fuel									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0018	submitted by Barbara S. Losey, Director, Alkylphenols & Ethoxylates									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0741-0011	submitted by Heidi K. McAuliffe, Vice President, Government Affairs,									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0741-0018	submitted by Michelle Rudnick, Senior Manager Regulatory Affairs, CRC									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0733-0019	submitted by Kim Cox, Environmental Policy Manager, City of Portland									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0742-0026	Campaign sponsored by Earthjustice (web)									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0013	submitted by Timothy A. Brown, Regulatory Counsel and Steven									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0002	submitted by Eve Gartner, Staff Attorney, Earthjustice, Elizabeth									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0006	submitted by Chris Trahan Cain, Director of Safety and Health, North									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0021	submitted by Lindsay McCormick, Chemicals and Health Project									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0017	submitted by Laurie Holmes, Senior Director, Environmental Policy, Motor									TSCA public comments are not tagged to specific discipline
TSCA Use Dossiers and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2016-0723-0014	Campaign sponsored by Earthjustice (web) (Revised)									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0002	Assessment: Peer Review Draft, 1 Bromopropane: Spray Adhesives, Dry									TSCA public comments are not tagged to specific discipline

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0007	submitted by Lee Anderson, Director, Legislation and Policy, BlueGreen									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0022	Public Comment - Comment submitted by Mariana Lo, Earthjustice									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0020	Public Comment - Comment submitted by Mariana Lo, Earthjustice									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0010	submitted by Tracey Woodruff, PhD, MPH, Professor and Director,									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0011	submitted by Ali Mirzakhalili, P. E., Director, State of Delaware									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0016	submitted by Eve C. Gartner, Staff Attorney and Emma Cheuse Staff									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0013	submitted by J. Jared Snyder, Deputy Commissioner, New York State									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.epa.gov/sites/production/files/2016-03/documents/1-bp_fact_sheet_3_1_0.pdf	Fact Sheet: 1-Bromopropane (1-BP)									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0023	submitted by Tracey J. Woodruff, Professor and Director, Program on									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0019	Public Comment - Comment submitted by A. D. Kyle, PhD									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0021	submitted by Steve Anderson, Toxicologist, Albemarle Corporation									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0017	submitted by Eve C. Gartner, Staff Attorney and Emma Cheuse Staff									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0014	Public Comment - Comment submitted by Mariana Lo, Earthjustice									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0018	submitted by Lee Anderson, Director, Legislation and Policy, BlueGreen									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0015	submitted by Steven Bennett, PhD, Senior Director, Scientific Affairs and									TSCA public comments are not tagged to specific discipline
TSCA Problem Formulations, Risk Assessments, and Public Comments	https://www.regulations.gov/document?D=EPA-HQ-OPPT-2015-0084-0012	submitted by Christina Franz, Senior Director, Regulatory & Technical									TSCA public comments are not tagged to specific discipline
National Institutes of Health (NIH) ChemIDplus	http://chem.sis.nlm.nih.gov/chemidplus/	searches, govt regulatory documents, consumer product databases, etc.		x		x		x		x	

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			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
NIH PubChem Compound Database	https://www.ncbi.nlm.nih.gov/pccompound	pubmed, products, MSDS, Fate summaries, effluent conc, human	x		x		x		x		
NIH HazMap	http://hazmap.nlm.nih.gov/index.html	Contains links to HSDB, CHemID Plus, pubmed	x			x		x		x	
NIH Hazardous Substance Data Bank (HSDB)	https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm	Contains exerts from peer reviewed lit in the same manner as pubchem	x		x		x		x		
NIH NLM Drug Information Portal	https://druginfo.nlm.nih.gov/drugportal/	HSDB, Medline/PubMed, Toxline, PubChem, ChemIDplus, USA.gov		x		x	x			x	
NTP Report on Carcinogens (RoC)	https://ntp.niehs.nih.gov/pubhealth/roc/index-1.html#C	Carcinogens; 2 to 4 pages in length. This is a summary of the information	x		x		x		x		
NTP Report on Carcinogens (RoC) Supplemental Materials	https://ntp.niehs.nih.gov/pubhealth/roc/listings/index.html	names/synonyms, phys/chem properties (only a few related to fate),		x	x			x		x	
NTP Report on Carcinogens (RoC) Supplemental Materials	https://ntp.niehs.nih.gov/pubhealth/roc/listings/index.html	have 1BP tested by NTP. Old information from a time when	x			x		x	x		
NTP Report on Carcinogens (RoC) Supplemental Materials	https://ntp.niehs.nih.gov/pubhealth/roc/listings/index.html	reproductive risks from exposure. Same type of information in the	x		x		x		x		
NTP Report on Carcinogens (RoC) Supplemental Materials	https://ntp.niehs.nih.gov/pubhealth/roc/listings/index.html	Monograph. This contains all relevant and vetted information from previous	x		x		x		x		
NTP Health Assessment and Translation Completed Reports	https://ntp.niehs.nih.gov/pubhealth/hat/noms/index.html	Potential Human Reproductive and Developmental Effects of 1-	x		x			x	x		
CDC ATSDR Tox Profiles	http://www.atsdr.cdc.gov/toxprofiles/index.asp	The pdf contains the ATSDR profile	x		x		x			x	
CDC ATSDR Minimal Risk Levels (MRLs) for Hazardous Substances	https://www.atsdr.cdc.gov/mrls/mrllist.asp	Add under Regulatory tag, gives minimum risk levels	x			x		x		x	
CDC NIOSH	https://www.cdc.gov/niosh/docket/review/docket153c/pdfs/eid-tr-sk-1-bromopropane-03242015.pdf	Skin Notation (SK) Profile 1BP	x		x			x	x		
CDC NIOSH	https://www.cdc.gov/niosh/docs/2013-150/pdfs/2013-150.pdf	includes engineering controls for reducing exposures	x			x		x		x	
CDC NIOSH	https://www.cdc.gov/niosh/docs/2003-154/pdfs/1025.pdf	is a collection of methods for sampling and analysis of contaminants in		x		x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20036267.html	bromopropane suppresses the IgM response to sheep red blood cells in		x		x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20031537.html	bromide at an aerospace components manufacturer.	x			x		x		x	

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	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20031860.html	bromide at a printed electronics circuit assembly manufacturer.	x			x		x		x	
CDC NIOSH	https://www.cdc.gov/niosh/nioshtic-2/20031869.html	bromide at an adhesives and coatings manufacturer.	x			x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20031871.html	bromide at an optical prism and optical assemblies manufacturer.	x			x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20047599.html	modeling for 1-bromopropane in F344 rats using gas uptake inhalation		x		x		x		x	
CDC NIOSH	https://www.cdc.gov/niosh/nioshtic-2/20036563.html	cysteine in urine from workers exposed to 1-bromopropane solvents	x			x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20031856.html	bromide at a hydraulic power control component manufacturer.	x			x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20031114.html	bromide at a helicopter transmission factory.	x			x		x		x	
CDC NIOSH	https://www.cdc.gov/niosh/nioshtic-2/20030952.html	concentrations of 1-bromopropane from workers exposed to flexible foam	x			x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20041547.html	the use of 1-bromopropane (npropyl bromide) in spray adhesives.	x			x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20024832.html	concentrations of 1-bromopropane from workers exposed to flexible foam	x			x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20035157.html	Methods for detection		x		x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/ipcsneng/nengnameb.html	List of ICSC chemicals		x		x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20022680.html	leukocytes of workers occupationally exposed to 1-bromopropane.	x			x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20036137.html	Methods for detection		x		x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20022867.html	concentrations of 1-bromopropane from workers exposed to foam	x			x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20039087.html	Announcement of NIOSH report		x		x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20039358.html	Peer review article	x		x		x			x	

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	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20026417.html	Methods for detection		x		x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20027252.html	Methods for detection		x		x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20025924.html	Methods for detection		x		x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/ipcsnfrn/nfrnsynb.html	FL version of list of ICSC chemicals		x		x		x		x	
CDC NIOSH	https://www.cdc.gov/niosh/docket/archive/pdfs/niosh-057/0057-121409-dugardp_sub.pdf	Draft version		x		x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20042574.html	and health, green chemistry, and sustainability: a review of areas of		x		x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20022455.html	and 2-bromopropane exposures in spray adhesive applications.	x			x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/docket/archive/docket153c.html	Draft Skin notation documents		x		x		x		x	
CDC NIOSH	https://www.cdc.gov/niosh/review/peer/	Drafts listed for public comment		x		x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/ipcsnfrn/nfrnname.html	FL version of list of ICSC chemicals	x			x		x		x	
CDC NIOSH	https://www.cdc.gov/niosh/docket/review/docket057a/pdfs/057-arevisedctd-1-bpcriteriadocument_030716_corrected.pdf	Draft version		x		x		x		x	
CDC NIOSH	https://www.cdc.gov/niosh/hhe/reports/pdfs/1999-0260-2906.pdf	NIOSH health hazard evaluation report	x			x		x	x		
CDC NIOSH	https://www.cdc.gov/niosh/docs/2003-154/pdfs/index_c.pdf	Index of chemical names and synonyms		x		x		x		x	
CDC NIOSH	https://www.cdc.gov/niosh/docs/2014-100/pdfs/2014-100.pdf	methodology behind IDLH values		x		x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/review/peer/HISA/pdfs/IDLH_Draft_CIB-September23.pdf	Draft of 2113-1BP-45		x		x		x		x	
CDC NIOSH	https://www.cdc.gov/niosh/docs/97-150/	in Commercial Drycleaners: Chemical Exposures, Fire Hazards, and	x			x		x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20029508.html	occupationally exposed to 1-bromopropane.	x			x		x		x	

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			Engineering		Fate		Exposure		Human Health		
	URL	Annotation	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20042447.html	A quantitative risk assessment of 1-bromopropane, based on tumor data.	x			x		x		x	
CDC NIOSH	https://www.cdc.gov/niosh/updates/pdfs/faqforniosh1bpdraftdocument.pdf	Standard: Occupational Exposure to 1-Bromopropane	x		x			x		x	
CDC NIOSH	http://www.cdc.gov/niosh/nioshtic-2/20025042.html	induced in vitro by 1-or-2 bromopropane.		x		x		x		x	
CDC NIOSH	https://www.cdc.gov/niosh/awards/hamilton/pdfs/Hanley-human-2007.pdf	Concentration of 1-Bromopropane from Workers Exposed to Flexible	x			x		x		x	
CDC NIOSH	https://www.cdc.gov/niosh/hhe/reports/pdfs/2008-0175-3111.pdf	four New Jersey Commercial Dry Cleaning Facilities	x			x		x	x		
CDC NIOSH Health Hazard Evaluations	https://www.cdc.gov/niosh/hhe/reports/pdfs/1999-0260-2906.pdf	Human Hazard Eval. Report	x			x		x	x		
CDC NIOSH Health Hazard Evaluations	https://www.cdc.gov/niosh/hhe/reports/pdfs/1998-0153-2883.pdf	Human Hazard Eval. Report	x			x		x	x		
CDC NIOSH Health Hazard Evaluations	https://www.cdc.gov/niosh/hhe/reports/pdfs/2000-0410-2891.pdf	Human Hazard Eval. Report	x			x		x	x		
CDC NIOSH Health Hazard Evaluations	https://www.cdc.gov/niosh/hhe/reports/pdfs/2008-0175-3111.pdf	Human Hazard Eval. Report	x			x		x	x		
CDC NIOHS International Chemical Safety Cards (ICSC)	https://www.cdc.gov/niosh/ipcsneng/nengcas.html	properties, routes of exposure, occupational exposure limits	x		x			x		x	
Bureau of Labor Statistics (BLS)	www.bls.gov/	N/A		x		x		x		x	
FDA Food and Drug Administration	www.fda.gov	N/A		x		x		x		x	
FDA Databases	www.accessdata.fda.gov/	N/A		x		x		x		x	
OSHA Occupational Safety and Health Administration	https://www.osha.gov/dts/hazardalerts/1bromopropane_hazard_alert.html	HAZARD ALERT - 1-Bromopropane | Occupational Safety and ...	x			x		x		x	
OSHA Occupational Safety and Health Administration	https://www.osha.gov/dts/chemicalsampling/data/CH_222006.html	Chemical Sampling Information | 1-Bromopropane | Occupational ...	x			x		x		x	
OSHA Occupational Safety and Health Administration	https://www.osha.gov/dts/sltc/methods/partial/pv2061/2061.html	detection method		x		x		x		x	
OSHA Occupational Safety and Health Administration	https://www.osha.gov/dts/sltc/methods/validated/1017/1017.pdf	detection method		x		x		x		x	

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
OSHA Occupational Safety and Health Administration	https://www.osha.gov/dts/sltc/methods/toc_b.html	detection method		x		x		x		x	
OSHA Occupational Safety and Health Administration	https://www.osha.gov/dts/chemicalsampling/toc/chmcas_5.html	detection method		x		x		x		x	
OSHA Occupational Safety and Health Administration	https://www.osha.gov/dts/chemicalsampling/toc/chmn_B.html	detection method		x		x		x		x	
OSHA Occupational Safety and Health Administration	https://www.osha.gov/dsg/PEL-forum-comments2010.html	PEL Forum Email Database 2010	x			x		x		x	
OSHA Chemical Exposure Health Data	https://www.osha.gov/opengov/healthsamples.html	OSHA PELs and general information	x			x		x		x	
NIST	http://nist.gov/data/PDFfiles/jpcrd628.pdf	Peer reviewed article with enthalpies of vaporization		x		x		x		x	
NIST	https://www.nist.gov/document-1882	Peer reviewed article on Kow		x		x		x		x	
NOAA CAMEO database	https://cameochemicals.noaa.gov/	SDS - Response and break through times on PPE	x		x			x		x	
Protective Action Criteria (PAC) Database	https://sp.eota.energy.gov/pac/teel/Revision_29_Table1.pdf	Associated Chemical Information. PACs Rev. 29, May 2016		x	x			x	x		
Protective Action Criteria (PAC) Database	https://sp.eota.energy.gov/pac/teel/Revision_29_Table2.pdf	(PAC) Rev. 29 based on applicable 60-minute AEGLs, RPGs, or TEELs. The		x		x		x	x		
Protective Action Criteria (PAC) Database	https://sp.eota.energy.gov/pac/teel/Revision_29_Table4.pdf	(PAC) Rev. 29 based on applicable 60-minute AEGLs, ERPGs, or TEELs.		x		x		x	x		
US Geological Survey	www.usgs.gov	N/A		x		x		x		x	
Department of Energy	www.energy.gov	N/A		x		x		x		x	
PNNL Pacific Northwest National Laboratory	www.pnnl.gov/	N/A		x		x		x		x	
US Geological Survey publications	https://pubs.er.usgs.gov/	N/A		x		x		x		x	
European Commission	eur-lex.europa.eu/collection/eu-law.html	N/A		x		x		x		x	
ECHA Documents	https://echa.europa.eu/substance-information/-/substanceinfo/100.003.133		x			x		x		x	information contained in REACH registration dossiers

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
ECHA Documents	https://echa.europa.eu/registration-dossier/-/registered-dossier/15004/5/4/2#	bioaccumulation		X	X			X		X	information contained in REACH registration dossiers
ECHA Documents	https://echa.europa.eu/registration-dossier/-/registered-dossier/15004/9#	safe use		X		X	X			X	information contained in REACH registration dossiers
ECHA Documents	https://echa.europa.eu/documents/10162/381015b7-2bd1-4a34-935d-692416f3fa11	uses	X			X		X		X	information contained in REACH registration dossiers
ECHA Documents	https://echa.europa.eu/documents/10162/59737f9b-00db-4ca7-acb5-2b8e4733a073	uses, trade assoc comments and responses	X			X		X		X	information contained in REACH registration dossiers
ECHA Documents	https://echa.europa.eu/documents/10162/13576/msc_opinion_draft_6th_axiv_recommendation_en.pdf		X			X		X		X	information contained in REACH registration dossiers
ECHA Documents	https://echa.europa.eu/documents/10162/13640/prioritisation_results_6th_rec_en.pdf		X			X		X		X	information contained in REACH registration dossiers
ECHA Documents	https://echa.europa.eu/documents/10162/8fbaab79-23f7-4526-9e09-a08bb3c8aec0	volumes and use	X			X		X		X	information contained in REACH registration dossiers
ECHA Documents	https://echa.europa.eu/brief-profile/-/briefprofile/100.003.133	brief profile of chemical	X		X		X		X		information contained in REACH registration dossiers
ECHA Documents	links in excel file	Links to registration dossiers	X		X		X		X		information contained in REACH registration dossiers
ECHA Documents	https://echa.europa.eu/registration-dossier/-/registered-dossier/15004/3/1/4#	industrial uses	X			X		X		X	information contained in REACH registration dossiers
ECHA Documents	https://echa.europa.eu/registration-dossier/-/registered-dossier/15004/3/1/5#	industrial uses	X			X		X		X	information contained in REACH registration dossiers
ECHA Documents	https://echa.europa.eu/registration-dossier/-/registered-dossier/15004/4/7#	vap pressure		X	X			X		X	information contained in REACH registration dossiers
ECHA Documents	https://echa.europa.eu/registration-dossier/-/registered-dossier/15004/4/8#	partition coefficient		X	X			X		X	information contained in REACH registration dossiers
ECHA Documents	https://echa.europa.eu/registration-dossier/-/registered-dossier/15004/4/9#	solubility; environmental concentrations		X	X			X		X	information contained in REACH registration dossiers
ECHA Documents	https://echa.europa.eu/registration-dossier/-/registered-dossier/15004/5/1#	fate summary		X	X			X		X	information contained in REACH registration dossiers
ECHA Documents	https://echa.europa.eu/registration-dossier/-/registered-dossier/15004/5/2/3#	hydrolysis		X	X			X		X	information contained in REACH registration dossiers
ECHA Documents	https://echa.europa.eu/registration-dossier/-/registered-dossier/15004/5/3/2#	biodegradation in water		X	X			X		X	information contained in REACH registration dossiers

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
United Nations Environment Program (UNEP)	www.unep.org/	N/A		x		x		x		x	
WHO Insitutional Repository for Information Sharing (IRIS)	apps.who.int/iris/	N/A		x		x		x		x	
World Health Organization- Regional Office for Europe	www.euro.who.int/en/home	N/A		x		x		x		x	
of Health, National Industrial Chemicals; NICNAS	https://www.nicnas.gov.au/__data/assets/excel_doc/0004/5485/IMAP_Exposure_Data_Template.xlsm	First Year Priority Chemicals		x		x		x		x	
CAREX Canada	www.carexcanada.ca/en/	no results		x		x		x		x	
GESTIS Database	http://limitvalue.ifa.dguv.de/	List of international regulatory limits	x			x	x			x	
Government of Japan: Ministry of the Environment	https://www.env.go.jp/en/chemi/chemicals/profile_erac/profile12/pf1-10.pdf	Chemical profile	x		x		x		x		
Government of Japan: Ministry of the Environment	https://www.env.go.jp/en/chemi/prtr/substances/pdf/substances_list.pdf	PDF(96KB)		x		x		x		x	
Government of Japan: Ministry of the Environment	https://www.env.go.jp/en/chemi/pops/Appendix/04-GuideLine/04Chapter1.pdf	04Chapter1.pdf 357kB		x		x		x		x	
Government of Japan: Ministry of the Environment	https://www.env.go.jp/en/chemi/pops/Appendix/03-CIE/Summary2001.xls	2001-eng		x		x		x		x	
Government of Japan: Ministry of the Environment	https://www.env.go.jp/en/chemi/pops/Appendix/04-GuideLine/guidelines.pdf	guidelines.pdf 2115kB		x		x		x		x	
Government of Japan: Ministry of the Environment	http://www.env.go.jp/en/chemi/pops/Appendix/03-CIE/AppendixB.pdf	Appendix B Surveyed Chemical Substances and their Detected ...		x		x		x		x	
Substances in Preparations in Nordic Countries (SPIN) Database	http://www.spin2000.net/spinmyphp/	Summary by chemical	x			x	x			x	
Lowell Center for Sustainable Production	sustainableproduction.org	N/A		x		x		x		x	
eChemPortal	http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en	EU Commission DB		x	x		x			x	
Toxicology Excellence for Risk Assessment	http://www.tera.org	Problem formulation on OELs for 1-BP	x			x		x	x		
Pollution Prevention Infohouse	http://infohouse.p2ric.org/ref/16/15734_files/hascore-c.pdf	Total Hazard Score		x		x		x		x	

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
Pollution Prevention Infohouse	http://infohouse.p2ric.org/ref/24/23879.pdf	Suggested for inclusion on the Florida list of toxic substances		x		x		x		x	
Pollution Prevention Infohouse	http://infohouse.p2ric.org/ref/31/30468.pdf	Info sheet on cleaner using 1BP, mixture		x		x		x		x	
Pollution Prevention Infohouse	http://infohouse.p2ric.org/ref/16/15734_files/hascore-c.pdf	Total Hazard Score		x		x		x		x	
Pollution Prevention Infohouse	http://infohouse.p2ric.org/ref/24/23879.pdf	Suggested for inclusion on the Florida list of toxic substances		x		x		x		x	
Pollution Prevention Infohouse	http://infohouse.p2ric.org/ref/09/08261.pdf	Alternative assessment for solvents	x		x			x	x		
Pollution Prevention Infohouse	http://infohouse.p2ric.org/ref/30/29619.pdf	Solvent releases to Great Lakes	x		x			x	x		
Ashford's Dictionary of Industrial Chemicals, 2001	Book		x			x		x		x	
ATSDR	www.atsdr.cdc.gov/hac/pha/			x		x		x		x	
State sites	http://www.nclabor.com/osha/etta/indguide/ig52.pdf	Link not working		x		x		x		x	
State sites	https://oehha.ca.gov/proposition-65/general-info/authoritative-bodies-tracking-table	Authoritative Bodies Tracking Table		x		x		x		x	
State sites	http://www.nclabor.com/osha/consult/sample_programs.htm	Not relevant		x		x		x		x	
State sites	http://www.nclabor.com/osha/etta/A_to_Z_Topics/a_to_z_toc.htm	links out to hazard alert, training resources, other agency resources		x		x		x		x	
State sites	http://www.cdph.ca.gov/programs/hesis/Documents/riskreport.pdf	Occupational Health Hazard Risk Assessment Project for California	x			x		x	x		
State sites	https://oehha.ca.gov/proposition-65/crnr/2012-priority-list-development-proposition-65-nsrls-carcinogens-and-madls	List of prop 65 chems for more development		x		x		x		x	
State sites	https://oehha.ca.gov/chemicals/1-bromopropane	screening, cancer risk, air, prop 65, water		x		x	x			x	
State sites	https://www.cdph.ca.gov/programs/hesis/Documents/CompletedProj-P2AutoRepair.pdf	Link not working		x		x		x		x	
State sites	https://www.dtsc.ca.gov/SCP/upload/1-A-Prop65list_04-19-13.pdf	TO THE STATE TO CAUSE CANCER OR REPRODUCTIVE		x		x		x		x	

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
State sites	http://osha.oregon.gov/pubs/Pages/index.aspx	list of publications		X		X		X		X	
State sites	http://www.cdph.ca.gov/programs/hesis/Documents/bpropane.pdf	1BP Health Hazard Alert (summary info for employees, reg info)	X			X	X			X	
State sites	https://oehha.ca.gov/proposition-65/chemicals/1-bromopropane-1-bp	Summary page for 1BP, prop 65 (reg limits)		X		X	X			X	
State sites	http://www.dep.state.fl.us/waste/quick_topics/rules/documents/62-730_Technical_Report.pdf	Endpoints for calculating impact areas		X		X		X		X	
State sites	http://www.dem.ri.gov/pubs/regs/regs/air/air22_08.pdf	REGULATION NO. 22, Acceptable Ambient levels		X		X	X			X	
State sites	https://oehha.ca.gov/media/downloads/proposition-65/chemicals/noilpkg21a1bpnote.pdf	Including 1BP in Prop 65, California		X		X	X			X	
State sites	http://www.cdph.ca.gov/programs/hesis/Documents/emergingsolvents.pdf	Demonstration of Alternatives for Five Emerging Solvents		X		X		X		X	
State sites	http://www.health.state.mn.us/divs/eh/risk/guidance/air/table.html	Health Risk Value for different exposure levels, ambient air		X		X	X		X		
State sites	https://www.tceq.texas.gov/assets/public/implementation/air/sip/haze/14aAppD.pdf	Not chemicals of interest		X		X		X		X	
State sites	https://oehha.ca.gov/proposition-65/proposition-65-list	List of chemicals in Prop 65, California		X		X	X			X	
State sites	https://oehha.ca.gov/proposition-65/proposition-65-list	List of chemicals in Prop 65, California		X		X	X			X	
State sites	http://www.cdph.ca.gov/PROGRAMS/HESIS/Pages/Publications.aspx	Information Service (HESIS) Publications	X			X		X		X	
State sites	http://www.cdph.ca.gov/programs/hesis/Documents/aerosol.pdf	Fact sheet		X		X		X		X	
Trade Associations	http://www.acmanet.org/research/spi_papers_90_thru_99/SPI_papers_94/1994-04.pdf	can not find chemical in paper		X		X		X		X	
Trade Associations	aia-aerospace.org			X		X		X		X	
Trade Associations	https://www.americanchemistry.com/ACC-Written-Testimony-for-House-Science-Committee.pdf	evaluating science for regulatory decision making		X		X		X		X	
Trade Associations	https://plastics.americanchemistry.com/Product-Groups-and-Sites/Polycarbonate/BPA-Global-Group/Letter-to-OEHHA-Re-Notice-of-Intent-to-List-Bisphenol-A.PDF	letter of intent to list Bisphenol A		X		X		X		X	

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
Trade Associations	http://www.asphaltroofing.org/press-room/press-releases/epa-approves-alternative-solvent-method-5a-testing-used	substituting 1,1,1-trichlorethane with 1-bromopropane	x			x		x		x	
Trade Associations	canadianchemistry.ca			x		x		x		x	
Trade Associations	cefic-efra.com			x		x		x		x	
Trade Associations	cspa.org			x		x		x		x	
Trade Associations	ebfrip.org			x		x		x		x	
Trade Associations	jpma.org			x		x		x		x	
Trade Associations	nam.org			x		x		x		x	
Trade Associations	http://www.pinfa.org/index.php/en/media-events/news/610-n-55-15-regulatory-news			x		x		x		x	
Trade Associations	plasticpipe.org			x		x		x		x	
Trade Associations	sips.org			x		x		x		x	
Trade Associations	www.afma.org			x		x		x		x	
Trade Associations	www.afsinc.org			x		x		x		x	
Trade Associations	www.aga.org			x		x		x		x	
Trade Associations	www.ahrinet.org			x		x		x		x	
Trade Associations	www.aluminum.org			x		x		x		x	
Trade Associations	www.ame.org			x		x		x		x	
Trade Associations	www.ansi.org			x		x		x		x	

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
Trade Associations	http://www.api.org/~/media/Files/Certification/Monogram-APIQR/2016CompositeList_Web.pdf	API certified companies		X		X		X		X	
Trade Associations	http://www.ascouncil.org/events/EventDetails.aspx?id=765576	login required		X		X		X		X	
Trade Associations	https://www.ascouncil.org/resource/resmgr/fallcon16/ASC_2016_Fall_Convention_PRO.pdf	program for fall conference		X		X		X		X	
Trade Associations	https://www.ascouncil.org/resource/resmgr/SpringCon16/ASC_2016_SpringConv_FinalPro.pdf	program for spring conference		X		X		X		X	
Trade Associations	www.awc.org			X		X		X		X	
Trade Associations	www.bifma.org			X		X		X		X	
Trade Associations	www.cancentral.com			X		X		X		X	
Trade Associations	www.chlorinated-solvents.eu			X		X		X		X	
Trade Associations	www.cibo.org			X		X		X		X	
Trade Associations	www.cleaninginstitute.org			X		X		X		X	
Trade Associations	www.copper.org			X		X		X		X	
Trade Associations	www.flexpack.org			X		X		X		X	
Trade Associations	www.gasketfab.com			X		X		X		X	
Trade Associations	www.globalautomakers.org			X		X		X		X	
Trade Associations	www.gmaonline.org			X		X		X		X	
Trade Associations	http://www.hsia.org/news/nPBPetitionsigned.pdf	Response to addition of air pollutants to section 112 of clean air act	X			X		X	X		
Trade Associations	http://www.hsia.org/news/HSIA%20Solvents%20News%20You%20Can%20Use%20-%20Sept%20%202011.pdf			X		X		X		X	

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
Trade Associations	http://www.hsia.org/news/HSIA%20Comments%20on%20EPA's%20Work%20Plan.pdf			X		X		X		X	
Trade Associations	http://www.hsia.org/applications/ODS%20report.pdf	deleting substances in solvent cleaning industry	X			X		X		X	
Trade Associations	http://www.hsia.org/news/TCE%20Workplan%20Comments.pdf	TSCA Comments from HSIA	X			X	X			X	
Trade Associations	http://www.hsia.org/news/HSIAnPBPressRelease.pdf	New Release of petition to EPA	X			X		X		X	
Trade Associations	http://www.hsia.org/news/HSIA%20Solvents%20News%20You%20Can%20Use%20-%20Jan.%20&%20Feb.%202015.pdf			X		X		X		X	
Trade Associations	http://www.hsia.org/news/HSIA%20Letter%20to%20the%20Editor%20-%20Natl.%20Clothesline.pdf			X		X		X		X	
Trade Associations	http://www.hsia.org/news/CalOSHA%20Comment%20on%20PEL%20of%20%2004ppm.pdf		X			X		X		X	
Trade Associations	http://www.hsia.org/news/HSIA%20Solvents%20News%20You%20Can%20Use%20-%20Nov.%20&%20Dec.%202012.pdf			X		X		X		X	
Trade Associations	http://www.hsia.org/applications/vd%20brochure.pdf		X			X		X		X	
Trade Associations	http://www.hsia.org/news/HSIA%20Citizen%20Suit.pdf	Note on non-action to petition		X		X		X		X	
Trade Associations	http://www.hsia.org/news/OTC%20Comments.pdf	industry comment on model rule	X		X			X		X	
Trade Associations	www.inda.org			X		X		X		X	
Trade Associations	http://www.ipc.org/TOC/IPC-CH-65A.pdf			X		X		X		X	
Trade Associations	http://www.ipc.org/4.0_Knowledge/4.1_Standards/Free/JIG-101-Ed-4.0.pdf			X		X		X		X	
Trade Associations	www.isri.org			X		X		X		X	
Trade Associations	http://www.issa.com/regulatory/regulatory-publications/legislative--regulatory-update/issa-legislative--regulatory-update-august-2016.html			X		X		X		X	
Trade Associations	http://www.issa.com/regulatory/regulatory-publications/legislative--regulatory-update/issa-legislative--regulatory-update-march-2016.html			X		X		X		X	

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
Trade Associations	www.jpma.org			X		X		X		X	
Trade Associations	www.nasf.org			X		X		X		X	
Trade Associations	www.nema.org			X		X		X		X	
Trade Associations	http://www.nqsa.org/download/analysis_studies/first%20q%202009%20production.pdf			X		X		X		X	
Trade Associations	http://www.nqsa.org/download/analysis_studies/second%20q%202009%20production.pdf			X		X		X		X	
Trade Associations	www.nmpgroup.com			X		X		X		X	
Trade Associations	https://www.pei.org/forum/viewtopic.php?t=4837&start=10			X		X		X		X	
Trade Associations	www.personalcarecouncil.org			X		X		X		X	
Trade Associations	www.pmpa.org			X		X		X		X	
Trade Associations	www.powertoolinstitute.com			X		X		X		X	
Trade Associations	www.printing.org			X		X		X		X	
Trade Associations	www.pstc.org			X		X		X		X	
Trade Associations	www.roofcoatings.org			X		X		X		X	
Trade Associations	https://www.sema.org/sema-enews/2015/29/chemical-used-in-antifreeze-listed-under-prop-65-automotive-cleaning-product-chemical-proposed-for-listing			X		X		X		X	
Trade Associations	https://www.sema.org/sema-enews/2015/29/full			X		X		X		X	
Trade Associations	www.sme.org			X		X		X		X	
Trade Associations	www.steel.org			X		X		X		X	

Source	General Information about Result		Subject-Matter Tags								Notes
	URL	Annotation	Engineering		Fate		Exposure		Human Health		
			On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	On-Topic	Off-Topic	
Trade Associations	www.tcata.org			X		X		X		X	
Trade Associations	www.trsa.org			X		X		X		X	
Trade Associations	www.vinylsiding.org			X		X		X		X	
Trade Associations	www.xpsa.com			X		X		X		X	
OPPT Hazard Characterizations	https://ofmpub.epa.gov/oppthpv/hpv_hc_characterization.get_report_by_cas?doctype=2	OPPT Hazard Characterizations		X		X		X		X	
EHPV Program Submissions - Supporting Information	https://www.regulations.gov/docket?D=EPA-HQ-OPPT-2006-1020	EHPV Program Submissions - Supporting Information		X		X		X		X	
OPPT Risk-Based Prioritizations	https://iaspub.epa.gov/oppthpv/existchem_hpv_prioritizations.report	OPPT Risk-Based Prioritizations		X		X		X		X	
NIH LACTMED	https://toxnet.nlm.nih.gov/newtoxnet/lactmed.htm	NIH LACTMED		X		X		X		X	