

Lei Huang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

825
citations

430754

18
h-index

642610

23
g-index

24
all docs

24
docs citations

24
times ranked

937
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating mouthing exposure to chemicals in children's products. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2022, 32, 94-102.	1.8	20
2	Chemicals of concern in building materials: A high-throughput screening. <i>Journal of Hazardous Materials</i> , 2022, 424, 127574.	6.5	20
3	Chemicals of concern in plastic toys. <i>Environment International</i> , 2021, 146, 106194.	4.8	63
4	Modeling chemical releases from building materials: The search for extended validity domain and parsimony. <i>Building Simulation</i> , 2021, 14, 1277-1293.	3.0	14
5	High Throughput Risk and Impact Screening of Chemicals in Consumer Products. <i>Risk Analysis</i> , 2021, 41, 627-644.	1.5	25
6	Exposure and toxicity characterization of chemical emissions and chemicals in products: global recommendations and implementation in USEtox. <i>International Journal of Life Cycle Assessment</i> , 2021, 26, 899-915.	2.2	58
7	Life cycle based alternatives assessment (LCAA) for chemical substitution. <i>Green Chemistry</i> , 2020, 22, 6008-6024.	4.6	33
8	Human Health Benefits from Fish Consumption vs. Risks from Inhalation Exposures Associated with Contaminated Sediment Remediation: Dredging of the Hudson River. <i>Environmental Health Perspectives</i> , 2019, 127, 127004.	2.8	13
9	Integrating exposure to chemicals in building materials during use stage. <i>International Journal of Life Cycle Assessment</i> , 2019, 24, 1009-1026.	2.2	21
10	A combined quantitative property-property relationship (QPPR) for estimating packaging-food and solid material-water partition coefficients of organic compounds. <i>Science of the Total Environment</i> , 2019, 658, 493-500.	3.9	13
11	A quantitative structure-property relationship (QSPR) for estimating solid material-air partition coefficients of organic compounds. <i>Indoor Air</i> , 2019, 29, 79-88.	2.0	26
12	Consensus Modeling of Median Chemical Intake for the U.S. Population Based on Predictions of Exposure Pathways. <i>Environmental Science & Technology</i> , 2019, 53, 719-732.	4.6	78
13	A quantitative property-property relationship for the internal diffusion coefficients of organic compounds in solid materials. <i>Indoor Air</i> , 2017, 27, 1128-1140.	2.0	15
14	High-throughput migration modelling for estimating exposure to chemicals in food packaging in screening and prioritization tools. <i>Food and Chemical Toxicology</i> , 2017, 109, 428-438.	1.8	20
15	A review of models for near-field exposure pathways of chemicals in consumer products. <i>Science of the Total Environment</i> , 2017, 574, 1182-1208.	3.9	59
16	Coupled near-field and far-field exposure assessment framework for chemicals in consumer products. <i>Environment International</i> , 2016, 94, 508-518.	4.8	74
17	Trends in PM _{2.5} emissions, concentrations and apportionments in Detroit and Chicago. <i>Atmospheric Environment</i> , 2016, 129, 197-209.	1.9	35
18	A parsimonious model for the release of volatile organic compounds (VOCs) encapsulated in products. <i>Atmospheric Environment</i> , 2016, 127, 223-235.	1.9	24

#	ARTICLE	IF	CITATIONS
19	Effects of fuels, engine load and exhaust after-treatment on diesel engine SVOC emissions and development of SVOC profiles for receptor modeling. <i>Atmospheric Environment</i> , 2015, 102, 228-238.	1.9	37
20	PAHs, nitro-PAHs, hopanes, and steranes in lake trout from Lake Michigan. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1792-1801.	2.2	28
21	PAHs (polycyclic aromatic hydrocarbons), nitro-PAHs, and hopane and sterane biomarkers in sediments of southern Lake Michigan, USA. <i>Science of the Total Environment</i> , 2014, 487, 173-186.	3.9	76
22	Multimedia Model for Polycyclic Aromatic Hydrocarbons (PAHs) and Nitro-PAHs in Lake Michigan. <i>Environmental Science & Technology</i> , 2014, 48, 13817-13825.	4.6	49
23	Composition and Integrity of PAHs, Nitro-PAHs, Hopanes, and Steranes in Diesel Exhaust Particulate Matter. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	24
24	Prostate Cancer Susceptibility Locus on Chromosome 1q: A Confirmatory Study. <i>Journal of Urology</i> , 1998, 160, 264-265.	0.2	0