Lei Huang

List of Publications by Year
in descending order

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	Consensus Modeling of Median Chemical Intake for the U.S. Population Based on Predictions of Exposure Pathways. Environmental Science & Technology, 2019, 53, 719-732.	4.6	78
2	PAHs (polycyclic aromatic hydrocarbons), nitro-PAHs, and hopane and sterane biomarkers in sediments of southern Lake Michigan, USA. Science of the Total Environment, 2014, 487, 173-186.	3.9	76
3	Coupled near-field and far-field exposure assessment framework for chemicals in consumer products. Environment International, 2016, 94, 508-518.	4.8	74
4	Chemicals of concern in plastic toys. Environment International, 2021, 146, 106194.	4.8	63
5	A review of models for near-field exposure pathways of chemicals in consumer products. Science of the Total Environment, 2017, 574, 1182-1208.	3.9	59
6	Exposure and toxicity characterization of chemical emissions and chemicals in products: global recommendations and implementation in USEtox. International Journal of Life Cycle Assessment, 2021, 26, 899-915.	2.2	58
7	Multimedia Model for Polycyclic Aromatic Hydrocarbons (PAHs) and Nitro-PAHs in Lake Michigan. Environmental Science & Technology, 2014, 48, 13817-13825.	4.6	49
8	Effects of fuels, engine load and exhaust after-treatment on diesel engine SVOC emissions and development of SVOC profiles for receptor modeling. Atmospheric Environment, 2015, 102, 228-238.	1.9	37
9	Trends in PM2.5 emissions, concentrations and apportionments in Detroit and Chicago. Atmospheric Environment, 2016, 129, 197-209.	1.9	35
10	Life cycle based alternatives assessment (LCAA) for chemical substitution. Green Chemistry, 2020, 22, 6008-6024.	4.6	33
11	PAHs, nitroâ€PAHs, hopanes, and steranes in lake trout from Lake Michigan. Environmental Toxicology and Chemistry, 2014, 33, 1792-1801.	2.2	28
12	A quantitative structureâ€property relationship (<scp>QSPR</scp>) for estimating solid materialâ€air partition coefficients of organic compounds. Indoor Air, 2019, 29, 79-88.	2.0	26
13	High Throughput Risk and Impact Screening of Chemicals in Consumer Products. Risk Analysis, 2021, 41, 627-644.	1.5	25
14	Composition and Integrity of PAHs, Nitro-PAHs, Hopanes, and Steranes in Diesel Exhaust Particulate Matter. Water, Air, and Soil Pollution, 2013, 224, 1.	1.1	24
15	A parsimonious model for the release of volatile organic compounds (VOCs) encapsulated in products. Atmospheric Environment, 2016, 127, 223-235.	1.9	24
16	Integrating exposure to chemicals in building materials during use stage. International Journal of Life Cycle Assessment, 2019, 24, 1009-1026.	2.2	21
17	High-throughput migration modelling for estimating exposure to chemicals in food packaging in screening and prioritization tools. Food and Chemical Toxicology, 2017, 109, 428-438.	1.8	20
18	Estimating mouthing exposure to chemicals in childrenâ€™s products. Journal of Exposure Science and Environmental Epidemiology, 2022, 32, 94-102.	1.8	20

#	Article	IF	Citations
19	Chemicals of concern in building materials: A high-throughput screening. Journal of Hazardous Materials, 2022, 424, 127574.	6.5	20
20	A quantitative property-property relationship for the internal diffusion coefficients of organic compounds in solid materials. Indoor Air, 2017, 27, 1128-1140.	2.0	15
21	Modeling chemical releases from building materials: The search for extended validity domain and parsimony. Building Simulation, 2021, 14, 1277-1293.	3.0	14
22	Human Health Benefits from Fish Consumption vs. Risks from Inhalation Exposures Associated with Contaminated Sediment Remediation: Dredging of the Hudson River. Environmental Health Perspectives, 2019, 127, 127004.	2.8	13
23	A combined quantitative property-property relationship (QPPR) for estimating packaging-food and solid material-water partition coefficients of organic compounds. Science of the Total Environment, 2019, 658, 493-500.	3.9	13
24	Prostate Cancer Susceptibility Locus on Chromosome 1q: A Confirmatory Study. Journal of Urology, 1998, 160, 264-265.	0.2	0