

Chenyang Bi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

466
citations

932766

10
h-index

996533

15
g-index

23
all docs

23
docs citations

23
times ranked

536
citing authors

#	ARTICLE	IF	CITATIONS
1	Fate and Transport of Phthalates in Indoor Environments and the Influence of Temperature: A Case Study in a Test House. <i>Environmental Science & Technology</i> , 2015, 49, 9674-9681.	4.6	116
2	Phthalates and organophosphates in settled dust and HVAC filter dust of U.S. low-income homes: Association with season, building characteristics, and childhood asthma. <i>Environment International</i> , 2018, 121, 916-930.	4.8	102
3	Assessing Human Exposure to SVOCs in Materials, Products, and Articles: A Modular Mechanistic Framework. <i>Environmental Science & Technology</i> , 2021, 55, 25-43.	4.6	54
4	A general mechanistic model for predicting the fate and transport of phthalates in indoor environments. <i>Indoor Air</i> , 2019, 29, 55-69.	2.0	46
5	Direct Transfer of Phthalate and Alternative Plasticizers from Indoor Source Products to Dust: Laboratory Measurements and Predictive Modeling. <i>Environmental Science & Technology</i> , 2021, 55, 341-351.	4.6	36
6	From one species to another: A review on the interaction between chemistry and microbiology in relation to cleaning in the built environment. <i>Indoor Air</i> , 2019, 29, 880-894.	2.0	22
7	Modeling and analysis of sampling artifacts in measurements of gas-particle partitioning of semivolatile organic contaminants using filter-sorbent samplers. <i>Atmospheric Environment</i> , 2015, 117, 99-109.	1.9	16
8	Quantitative filter forensics with residential HVAC filters to assess indoor concentrations. <i>Indoor Air</i> , 2019, 29, 390-402.	2.0	15
9	A needle trap device method for sampling and analysis of semi-volatile organic compounds in air. <i>Chemosphere</i> , 2020, 250, 126284.	4.2	15
10	Quantification of isomer-resolved iodide chemical ionization mass spectrometry sensitivity and uncertainty using a voltage-scanning approach. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 6835-6850.	1.2	12
11	Coupling a gas chromatograph simultaneously to a flame ionization detector and chemical ionization mass spectrometer for isomer-resolved measurements of particle-phase organic compounds. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 3895-3907.	1.2	10
12	A modular mechanistic framework for estimating exposure to SVOCs: Next steps for modeling emission and partitioning of plasticizers and PFAS. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2022, 32, 356-365.	1.8	7
13	Accumulation of di-2-ethylhexyl phthalate from polyvinyl chloride flooring into settled house dust and the effect on the bacterial community. <i>PeerJ</i> , 2019, 7, e8147.	0.9	6
14	A new approach for measuring the carbon and oxygen content of atmospherically relevant compounds and mixtures. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 4911-4925.	1.2	5
15	Correcting bias in log-linear instrument calibrations in the context of chemical ionization mass spectrometry. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 6551-6560.	1.2	3