Xiaotu Liu

List of Publications by Year
in descending order

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33 papers	1,139 citations	394421 19 h-index	395702 33 g-index
34 all docs	34 docs citations	34 times ranked	878 citing authors

#	Article	IF	Citations
1	Novel and Traditional Organophosphate Esters in House Dust from South China: Association with Hand Wipes and Exposure Estimation. Environmental Science & Technology, 2018, 52, 11017-11026.	10.0	108
2	Co-Existence of Organophosphate Di- and Tri-Esters in House Dust from South China and Midwestern United States: Implications for Human Exposure. Environmental Science & Technology, 2019, 53, 4784-4793.	10.0	92
3	Occurrence of Substituted p-Phenylenediamine Antioxidants in Dusts. Environmental Science and Technology Letters, 2021, 8, 381-385.	8.7	88
4	Occurrence of organophosphorus flame retardants on skin wipes: Insight into human exposure from dermal absorption. Environment International, 2017, 98, 113-119.	10.0	78
5	Potential sources of unintentionally produced PCB, HCB, and PeCBz in China: A preliminary overview. Frontiers of Environmental Science and Engineering, 2018, 12, 1.	6.0	58
6	Does Low Maternal Exposure to Per- and Polyfluoroalkyl Substances Elevate the Risk of Spontaneous Preterm Birth? A Nested Caseâ€“Control Study in China. Environmental Science & Technology, 2020, 54, 8259-8268.	10.0	55
7	Estimation of Exposure to Organic Flame Retardants via Hand Wipe, Surface Wipe, and Dust: Comparability of Different Assessment Strategies. Environmental Science & Technology, 2018, 52, 9946-9953.	10.0	52
8	Beyond Phthalate Diesters: Existence of Phthalate Monoesters in South China House Dust and Implications for Human Exposure. Environmental Science & Technology, 2019, 53, 11675-11683.	10.0	46
9	Polybrominated diphenyl ethers and novel brominated flame retardants in indoor dust of different microenvironments in Beijing, China. Environment International, 2019, 122, 159-167.	10.0	46
10	Novel Organophosphate Esters in Airborne Particulate Matters: Occurrences, Precursors, and Selected Transformation Products. Environmental Science & Technology, 2020, 54, 13771-13777.	10.0	41
11	Estimation of human exposure to halogenated flame retardants through dermal adsorption by skin wipe. Chemosphere, 2017, 168, 272-278.	8.2	39
12	The non-negligible environmental risk of recycling halogenated flame retardants associated with plastic regeneration in China. Science of the Total Environment, 2019, 646, 1090-1096.	8.0	39
13	Environmental exposure to per- and polyfluoroalkyl substances mixture and male reproductive hormones. Environment International, 2021, 152, 106496.	10.0	39
14	Bisphenol A and its analogues in paired urine and house dust from South China and implications for children's exposure. Chemosphere, 2022, 294, 133701.	8.2	39
15	Legacy and alternative flame retardants in house dust and hand wipes from South China. Science of the Total Environment, 2019, 656, 1-8.	8.0	35
16	Plastic Additives in Ambient Fine Particulate Matter in the Pearl River Delta, China: High-Throughput Characterization and Health Implications. Environmental Science & Technology, 2021, 55, 4474-4482.	10.0	35
17	Influence of Air Pollution on Inhalation and Dermal Exposure of Human to Organophosphate Flame Retardants: A Case Study During a Prolonged Haze Episode. Environmental Science & Technology, 2019, 53, 3880-3887.	10.0	34
18	Emerging and legacy per- and polyfluoroalkyl substances in house dust from South China: Contamination status and human exposure assessment. Environmental Research, 2021, 192, 110243.	7.5	30

#	Article	IF	Citations
19	Amplification effect of haze on human exposure to halogenated flame retardants in atmospheric particulate matter and the corresponding mechanism. Journal of Hazardous Materials, 2018, 359, 491-499.	12.4	26
20	Isopropylated and tert-butylated triarylphosphate isomers in house dust from South China and Midwestern United States. Science of the Total Environment, 2019, 686, 1113-1119.	8.0	22
21	Plastic additives and personal care products in south China house dust and exposure in child-mother pairs. Environmental Pollution, 2021, 281, 116347.	7.5	16
22	Exposure of children and mothers to organophosphate esters: Prediction by house dust and silicone wristbands. Environmental Pollution, 2021, 282, 117011.	7.5	16
23	A Cocktail of Industrial Chemicals in Lipstick and Nail Polish: Profiles and Health Implications. Environmental Science and Technology Letters, 2021, 8, 760-765.	8.7	16
24	The High Complexity of Plastic Additives in Hand Wipes. Environmental Science and Technology Letters, 2021, 8, 639-644.	8.7	14
25	Emission factors of unintentional HCB and PeCBz and their correlation with PCDD/PCDF. Environmental Pollution, 2017, 230, 516-522.	7.5	12
26	Gas-particle partition and size-segregated distribution of flame retardants in indoor and outdoor air: Reevaluation on the role of fine particles in human exposure. Chemosphere, 2022, 292, 133414.	8.2	11
27	Novel Dechlorane Analogues and Possible Sources in Peregrine Falcon Eggs and Shark Livers from the Western North Atlantic Regions. Environmental Science & Technology, 2019, 53, 3419-3428.	10.0	9
28	Reassessment and update of emission factors for unintentional dioxin-like polychlorinated biphenyls. Science of the Total Environment, 2017, 605-606, 498-506.	8.0	8
29	Exposure of Preconception Couples to Legacy and Emerging Per- and Polyfluoroalkyl Substances: Variations Within and Between Couples. Environmental Science & Technology, 2022, 56, 6172-6181.	10.0	8
30	Chemical-specific determinants for pre-conceptional exposure to emerging and legacy per- and polyfluoroalkyl substances. Science of the Total Environment, 2022, 819, 152501.	8.0	8
31	Environmental exposure to legacy poly/perfluoroalkyl substances, emerging alternatives and isomers and semen quality in men: A mixture analysis. Science of the Total Environment, 2022, 833, 155158.	8.0	8
32	Environmental Exposure to 6:2 Polyfluoroalkyl Phosphate Diester and Impaired Testicular Function in Men. Environmental Science & Technology, 2022, 56, 8290-8298.	10.0	8
33	Human exposure to emerging halogenated flame retardants. Comprehensive Analytical Chemistry, 2020, , 215-251.	1.3	3