

Hongkai Zhu

List of Publications by Year in descending order

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61
papers

2,367
citations

201385

27
h-index

223531

46
g-index

61
all docs

61
docs citations

61
times ranked

2371
citing authors

#	ARTICLE	IF	CITATIONS
1	Widespread occurrence of phthalate and non-phthalate plasticizers in single-use facemasks collected in the United States. <i>Environment International</i> , 2022, 158, 106967.	4.8	23
2	Diurnal variability in urinary volatile organic compound metabolites and its association with oxidative stress biomarkers. <i>Science of the Total Environment</i> , 2022, 818, 151704.	3.9	21
3	Foliar uptake overweighs root uptake for 8:2 fluorotelomer alcohol in ryegrass (<i>Lolium perenne</i> L.): A closed exposure chamber study. <i>Science of the Total Environment</i> , 2022, 829, 154660.	3.9	5
4	Determinants of phthalate exposures in pregnant women in New York City. <i>Environmental Research</i> , 2022, 212, 113203.	3.7	5
5	Associations of Dietary Intake with Urinary Melamine and Derivative Concentrations among Children in the GAPPs Cohort. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4964.	1.2	4
6	Revealing carbon-iron interaction characteristics in sludge-derived hydrochars under different hydrothermal conditions. <i>Chemosphere</i> , 2022, 300, 134572.	4.2	10
7	Exposure to Contemporary and Emerging Chemicals in Commerce among Pregnant Women in the United States: The Environmental influences on Child Health Outcome (ECHO) Program. <i>Environmental Science & Technology</i> , 2022, 56, 6560-6573.	4.6	41
8	E-waste dismantling-related occupational and routine exposure to melamine and its derivatives: Estimating exposure via dust ingestion and hand-to-mouth contact. <i>Environment International</i> , 2022, 165, 107299.	4.8	17
9	Phthalates in dormitory dust and human urine: A study of exposure characteristics and risk assessments of university students. <i>Science of the Total Environment</i> , 2022, 845, 157251.	3.9	10
10	An exploratory analysis of poly- and per-fluoroalkyl substances in pet food packaging from the United States. <i>Environmental Technology and Innovation</i> , 2021, 21, 101247.	3.0	15
11	Impact of "healthier" materials interventions on dust concentrations of per- and polyfluoroalkyl substances, polybrominated diphenyl ethers, and organophosphate esters. <i>Environment International</i> , 2021, 150, 106151.	4.8	22
12	A pilot study of organophosphate esters in surface soils collected from Jinan City, China: implications for risk assessments. <i>Environmental Science and Pollution Research</i> , 2021, 28, 3344-3353.	2.7	17
13	Assessing Indoor Dust Interference with Human Nuclear Hormone Receptors in Cell-Based Luciferase Reporter Assays. <i>Environmental Health Perspectives</i> , 2021, 129, 47010.	2.8	23
14	A method for the analysis of 121 multi-class environmental chemicals in urine by high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1646, 462146.	1.8	19
15	Widespread Exposure to Emerging and Previously Unmeasured Chemicals in Commerce in Pregnant women Across the US. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
16	Environmental Exposure to Melamine-Related Compounds and Kidney Outcomes in Children. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
17	Organophosphate pesticide exposure: Demographic and dietary predictors in an urban pregnancy cohort. <i>Environmental Pollution</i> , 2021, 283, 116920.	3.7	14
18	Enhanced heavy metals sorption by modified biochars derived from pig manure. <i>Science of the Total Environment</i> , 2021, 786, 147595.	3.9	54

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19	Variability in urinary biomarkers of human exposure to polycyclic aromatic hydrocarbons and its association with oxidative stress. <i>Environment International</i> , 2021, 156, 106720.	4.8	45
20	Changes and release risk of typical pharmaceuticals and personal care products in sewage sludge during hydrothermal carbonization process. <i>Chemosphere</i> , 2021, 284, 131313.	4.2	9
21	Organophosphate di- and tri-esters in indoor and outdoor dust from China and its implications for human exposure. <i>Science of the Total Environment</i> , 2020, 700, 134502.	3.9	88
22	Occurrence and distribution of melamine and its derivatives in surface water, drinking water, precipitation, wastewater, and swimming pool water. <i>Environmental Pollution</i> , 2020, 258, 113743.	3.7	32
23	Determination of melamine and its derivatives in textiles and infant clothing purchased in the United States. <i>Science of the Total Environment</i> , 2020, 710, 136396.	3.9	29
24	Parabens in stretch mark creams: A source of exposure in pregnant and lactating women. <i>Science of the Total Environment</i> , 2020, 744, 141016.	3.9	13
25	Accumulation and translocation of polybrominated diphenyl ethers into plant under multiple exposure scenarios. <i>Environment International</i> , 2020, 143, 105947.	4.8	16
26	A pilot study of per- and polyfluoroalkyl substances in automotive lubricant oils from the United States. <i>Environmental Technology and Innovation</i> , 2020, 19, 100943.	3.0	20
27	Spatial and temporal distributions of hexabromocyclododecanes in surface soils of Jinan, China. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 629.	1.3	4
28	Total oxidizable precursor assay in the determination of perfluoroalkyl acids in textiles collected from the United States. <i>Environmental Pollution</i> , 2020, 265, 114940.	3.7	27
29	Fecal Excretion of Perfluoroalkyl and Polyfluoroalkyl Substances in Pets from New York State, United States. <i>Environmental Science and Technology Letters</i> , 2020, 7, 135-142.	3.9	27
30	Profiles of parabens and their metabolites in paired maternal-fetal serum, urine and amniotic fluid and their implications for placental transfer. <i>Ecotoxicology and Environmental Safety</i> , 2020, 191, 110235.	2.9	48
31	Concentrations of bisphenol A and its alternatives in paired maternal-fetal urine, serum and amniotic fluid from an e-waste dismantling area in China. <i>Environment International</i> , 2020, 136, 105407.	4.8	106
32	Occurrence and transfer of benzophenone-type ultraviolet filters from the pregnant women to fetuses. <i>Science of the Total Environment</i> , 2020, 726, 138503.	3.9	38
33	Occurrence and Profiles of Organophosphate Esters in Infant Clothing and Raw Textiles Collected from the United States. <i>Environmental Science and Technology Letters</i> , 2020, 7, 415-420.	3.9	27
34	Distribution and partitioning of perfluoroalkyl carboxylic acids in surface soil, plants, and earthworms at a contaminated site. <i>Science of the Total Environment</i> , 2019, 647, 954-961.	3.9	64
35	Organophosphorus Flame Retardants and Plasticizers in Breast Milk from the United States. <i>Environmental Science and Technology Letters</i> , 2019, 6, 525-531.	3.9	76
36	Melamine and cyanuric acid in foodstuffs from the United States and their implications for human exposure. <i>Environment International</i> , 2019, 130, 104950.	4.8	37

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37	Phthalate Metabolites, Hydroxy-Polycyclic Aromatic Hydrocarbons, and Bisphenol Analogues in Bovine Urine Collected from China, India, and the United States. <i>Environmental Science & Technology</i> , 2019, 53, 11524-11531.	4.6	22
38	Occurrence of Melamine and Its Derivatives in Breast Milk from the United States and Its Implications for Exposure in Infants. <i>Environmental Science & Technology</i> , 2019, 53, 7859-7865.	4.6	37
39	Occurrence and Profiles of Melamine and Cyanuric Acid in Bovine Feed and Urine from China, India, and the United States. <i>Environmental Science & Technology</i> , 2019, 53, 7029-7035.	4.6	15
40	A Review of Biomonitoring of Phthalate Exposures. <i>Toxics</i> , 2019, 7, 21.	1.6	411
41	A nationwide survey of 19 organophosphate esters in soils from China: Spatial distribution and hazard assessment. <i>Science of the Total Environment</i> , 2019, 671, 528-535.	3.9	75
42	Spatial and temporal trends of melamine and its derivatives in sediment from Lake Shihwa, South Korea. <i>Journal of Hazardous Materials</i> , 2019, 373, 671-677.	6.5	28
43	Inter-day and inter-individual variability in urinary concentrations of melamine and cyanuric acid. <i>Environment International</i> , 2019, 123, 375-381.	4.8	42
44	Fertilizers as a Source of Melamine and Cyanuric Acid in Soils: A Nationwide Survey in China. <i>Environmental Science and Technology Letters</i> , 2019, 6, 55-61.	3.9	21
45	A nationwide survey of the occurrence of melamine and its derivatives in archived sewage sludge from the United States. <i>Environmental Pollution</i> , 2019, 245, 994-999.	3.7	27
46	Occurrence and distribution of organophosphate flame retardants (OPFRs) in soil and outdoor settled dust from a multi-waste recycling area in China. <i>Science of the Total Environment</i> , 2018, 625, 1056-1064.	3.9	162
47	Distribution Profiles of Melamine and Its Derivatives in Indoor Dust from 12 Countries and the Implications for Human Exposure. <i>Environmental Science & Technology</i> , 2018, 52, 12801-12808.	4.6	49
48	Continuing Occurrence of Melamine and Its Derivatives in Infant Formula and Dairy Products from the United States: Implications for Environmental Sources. <i>Environmental Science and Technology Letters</i> , 2018, 5, 641-648.	3.9	32
49	Legacy and alternative brominated flame retardants in outdoor dust and pine needles in mainland China: Spatial trends, dust-plant partitioning and human exposure. <i>Environmental Pollution</i> , 2018, 243, 758-765.	3.7	32
50	Effect of aging in field soil on biochar's properties and its sorption capacity. <i>Environmental Pollution</i> , 2018, 242, 1880-1886.	3.7	61
51	Fate and adverse effects of hexabromocyclododecane diastereoisomers (HBCDDs) in a soil-ryegrass pot system. <i>Chemosphere</i> , 2017, 184, 452-459.	4.2	14
52	Spatial and temporal distributions of hexabromocyclododecanes in the vicinity of an expanded polystyrene material manufacturing plant in Tianjin, China. <i>Environmental Pollution</i> , 2017, 222, 338-347.	3.7	37
53	Effects of the amendment of biochars and carbon nanotubes on the bioavailability of hexabromocyclododecanes (HBCDs) in soil to ecologically different species of earthworms. <i>Environmental Pollution</i> , 2017, 222, 191-200.	3.7	22
54	Effects of humic acid and heavy metals on the sorption of polar and apolar organic pollutants onto biochars. <i>Environmental Pollution</i> , 2017, 231, 229-236.	3.7	42

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55	Sorption of polychlorinated biphenyls onto biochars derived from corn straw and the effect of propranolol. <i>Bioresource Technology</i> , 2016, 219, 458-465.	4.8	49
56	Impacts of loach bioturbation on the selective bioaccumulation of HBCDD diastereoisomers and enantiomers by mirror carp in a microcosm. <i>Chemosphere</i> , 2016, 163, 471-479.	4.2	6
57	Effects of artificial sweeteners on metal bioconcentration and toxicity on a green algae <i>Scenedesmus obliquus</i> . <i>Chemosphere</i> , 2016, 150, 285-293.	4.2	23
58	Uptake Pathway, Translocation, and Isomerization of Hexabromocyclododecane Diastereoisomers by Wheat in Closed Chambers. <i>Environmental Science & Technology</i> , 2016, 50, 2652-2659.	4.6	61
59	Enhanced bioaccumulation of pentachlorophenol in carp in the presence of multi-walled carbon nanotubes. <i>Environmental Science and Pollution Research</i> , 2014, 21, 2865-2875.	2.7	19
60	Distribution and primary source analysis of per- and poly-fluoroalkyl substances with different chain lengths in surface and groundwater in two cities, North China. <i>Ecotoxicology and Environmental Safety</i> , 2014, 108, 318-328.	2.9	58
61	Accumulation of hexabromocyclododecane diastereomers and enantiomers in two microalgae, <i>Spirulina subsalsa</i> and <i>Scenedesmus obliquus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2014, 104, 136-142.	2.9	16