Hongkai Zhu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4507853/publications.pdf

Version: 2024-02-01

61	2,367	201575	223716
papers	citations	27 h-index	46 g-index

61	61	61	2371
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Review of Biomonitoring of Phthalate Exposures. Toxics, 2019, 7, 21.	1.6	411
2	Occurrence and distribution of organophosphate flame retardants (OPFRs) in soil and outdoor settled dust from a multi-waste recycling area in China. Science of the Total Environment, 2018, 625, 1056-1064.	3.9	162
3	Concentrations of bisphenol A and its alternatives in paired maternalâ€“fetal urine, serum and amniotic fluid from an e-waste dismantling area in China. Environment International, 2020, 136, 105407.	4.8	106
4	Organophosphate di- and tri-esters in indoor and outdoor dust from China and its implications for human exposure. Science of the Total Environment, 2020, 700, 134502.	3.9	88
5	Organophosphorus Flame Retardants and Plasticizers in Breast Milk from the United States. Environmental Science and Technology Letters, 2019, 6, 525-531.	3.9	76
6	A nationwide survey of 19 organophosphate esters in soils from China: Spatial distribution and hazard assessment. Science of the Total Environment, 2019, 671, 528-535.	3.9	75
7	Distribution and partitioning of perfluoroalkyl carboxylic acids in surface soil, plants, and earthworms at a contaminated site. Science of the Total Environment, 2019, 647, 954-961.	3.9	64
8	Uptake Pathway, Translocation, and Isomerization of Hexabromocyclododecane Diastereoisomers by Wheat in Closed Chambers. Environmental Science & Technology, 2016, 50, 2652-2659.	4.6	61
9	Effect of aging in field soil on biochar's properties and its sorption capacity. Environmental Pollution, 2018, 242, 1880-1886.	3.7	61
10	Distribution and primary source analysis of per- and poly-fluoroalkyl substances with different chain lengths in surface and groundwater in two cities, North China. Ecotoxicology and Environmental Safety, 2014, 108, 318-328.	2.9	58
11	Enhanced heavy metals sorption by modified biochars derived from pig manure. Science of the Total Environment, 2021, 786, 147595.	3.9	54
12	Sorption of polychlorinated biphenyls onto biochars derived from corn straw and the effect of propranolol. Bioresource Technology, 2016, 219, 458-465.	4.8	49
13	Distribution Profiles of Melamine and Its Derivatives in Indoor Dust from 12 Countries and the Implications for Human Exposure. Environmental Science & Technology, 2018, 52, 12801-12808.	4.6	49
14	Profiles of parabens and their metabolites in paired maternal-fetal serum, urine and amniotic fluid and their implications for placental transfer. Ecotoxicology and Environmental Safety, 2020, 191, 110235.	2.9	48
15	Variability in urinary biomarkers of human exposure to polycyclic aromatic hydrocarbons and its association with oxidative stress. Environment International, 2021, 156, 106720.	4.8	45
16	Effects of humic acid and heavy metals on the sorption of polar and apolar organic pollutants onto biochars. Environmental Pollution, 2017, 231, 229-236.	3.7	42
17	Inter-day and inter-individual variability in urinary concentrations of melamine and cyanuric acid. Environment International, 2019, 123, 375-381.	4.8	42
18	Exposure to Contemporary and Emerging Chemicals in Commerce among Pregnant Women in the United States: The Environmental influences on Child Health Outcome (ECHO) Program. Environmental Science & Technology, 2022, 56, 6560-6573.	4.6	41

#	Article	IF	Citations
19	Occurrence and transfer of benzophenone-type ultraviolet filters from the pregnant women to fetuses. Science of the Total Environment, 2020, 726, 138503.	3.9	38
20	Spatial and temporal distributions of hexabromocyclododecanes in the vicinity of an expanded polystyrene material manufacturing plant in Tianjin, China. Environmental Pollution, 2017, 222, 338-347.	3.7	37
21	Melamine and cyanuric acid in foodstuffs from the United States and their implications for human exposure. Environment International, 2019, 130, 104950.	4.8	37
22	Occurrence of Melamine and Its Derivatives in Breast Milk from the United States and Its Implications for Exposure in Infants. Environmental Science & Technology, 2019, 53, 7859-7865.	4.6	37
23	Continuing Occurrence of Melamine and Its Derivatives in Infant Formula and Dairy Products from the United States: Implications for Environmental Sources. Environmental Science and Technology Letters, 2018, 5, 641-648.	3.9	32
24	Legacy and alternative brominated flame retardants in outdoor dust and pine needles in mainland China: Spatial trends, dust-plant partitioning and human exposure. Environmental Pollution, 2018, 243, 758-765.	3.7	32
25	Occurrence and distribution of melamine and its derivatives in surface water, drinking water, precipitation, wastewater, and swimming pool water. Environmental Pollution, 2020, 258, 113743.	3.7	32
26	Determination of melamine and its derivatives in textiles and infant clothing purchased in the United States. Science of the Total Environment, 2020, 710, 136396.	3.9	29
27	Spatial and temporal trends of melamine and its derivatives in sediment from Lake Shihwa, South Korea. Journal of Hazardous Materials, 2019, 373, 671-677.	6.5	28
28	A nationwide survey of the occurrence of melamine and its derivatives in archived sewage sludge from the United States. Environmental Pollution, 2019, 245, 994-999.	3.7	27
29	Total oxidizable precursor assay in the determination of perfluoroalkyl acids in textiles collected from the United States. Environmental Pollution, 2020, 265, 114940.	3.7	27
30	Fecal Excretion of Perfluoroalkyl and Polyfluoroalkyl Substances in Pets from New York State, United States. Environmental Science and Technology Letters, 2020, 7, 135-142.	3.9	27
31	Occurrence and Profiles of Organophosphate Esters in Infant Clothing and Raw Textiles Collected from the United States. Environmental Science and Technology Letters, 2020, 7, 415-420.	3.9	27
32	Effects of artificial sweeteners on metal bioconcentration and toxicity on a green algae Scenedesmus obliquus. Chemosphere, 2016, 150, 285-293.	4.2	23
33	Assessing Indoor Dust Interference with Human Nuclear Hormone Receptors in Cell-Based Luciferase Reporter Assays. Environmental Health Perspectives, 2021, 129, 47010.	2.8	23
34	Widespread occurrence of phthalate and non-phthalate plasticizers in single-use facemasks collected in the United States. Environment International, 2022, 158, 106967.	4.8	23
35	Effects of the amendment of biochars and carbon nanotubes on the bioavailability of hexabromocyclododecanes (HBCDs) in soil to ecologically different species of earthworms. Environmental Pollution, 2017, 222, 191-200.	3.7	22
36	Phthalate Metabolites, Hydroxy-Polycyclic Aromatic Hydrocarbons, and Bisphenol Analogues in Bovine Urine Collected from China, India, and the United States. Environmental Science & Technology, 2019, 53, 11524-11531.	4.6	22

#	Article	IF	Citations
37	Impact of â€œhealthierâ€•materials interventions on dust concentrations of per- and polyfluoroalkyl substances, polybrominated diphenyl ethers, and organophosphate esters. Environment International, 2021, 150, 106151.	4.8	22
38	Fertilizers as a Source of Melamine and Cyanuric Acid in Soils: A Nationwide Survey in China. Environmental Science and Technology Letters, 2019, 6, 55-61.	3.9	21
39	Diurnal variability in urinary volatile organic compound metabolites and its association with oxidative stress biomarkers. Science of the Total Environment, 2022, 818, 151704.	3.9	21
40	A pilot study of per- and polyfluoroalkyl substances in automotive lubricant oils from the United States. Environmental Technology and Innovation, 2020, 19, 100943.	3.0	20
41	Enhanced bioaccumulation of pentachlorophenol in carp in the presence of multi-walled carbon nanotubes. Environmental Science and Pollution Research, 2014, 21, 2865-2875.	2.7	19
42	A method for the analysis of 121 multi-class environmental chemicals in urine by high-performance liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2021, 1646, 462146.	1.8	19
43	A pilot study of organophosphate esters in surface soils collected from Jinan City, China: implications for risk assessments. Environmental Science and Pollution Research, 2021, 28, 3344-3353.	2.7	17
44	E-waste dismantling-related occupational and routine exposure to melamine and its derivatives: Estimating exposure via dust ingestion and hand-to-mouth contact. Environment International, 2022, 165, 107299.	4.8	17
45	Accumulation of hexabromocyclododecane diastereomers and enantiomers in two microalgae, Spirulina subsalsa and Scenedesmus obliquus. Ecotoxicology and Environmental Safety, 2014, 104, 136-142.	2.9	16
46	Accumulation and translocation of polybrominated diphenyl ethers into plant under multiple exposure scenarios. Environment International, 2020, 143, 105947.	4.8	16
47	Occurrence and Profiles of Melamine and Cyanuric Acid in Bovine Feed and Urine from China, India, and the United States. Environmental Science & Technology, 2019, 53, 7029-7035.	4.6	15
48	An exploratory analysis of poly- and per-fluoroalkyl substances in pet food packaging from the United States. Environmental Technology and Innovation, 2021, 21, 101247.	3.0	15
49	Fate and adverse effects of hexabromocyclododecane diastereoisomers (HBCDDs) in a soil-ryegrass pot system. Chemosphere, 2017, 184, 452-459.	4.2	14
50	Organophosphate pesticide exposure: Demographic and dietary predictors in an urban pregnancy cohort. Environmental Pollution, 2021, 283, 116920.	3.7	14
51	Parabens in stretch mark creams: A source of exposure in pregnant and lactating women. Science of the Total Environment, 2020, 744, 141016.	3.9	13
52	Revealing carbon-iron interaction characteristics in sludge-derived hydrochars under different hydrothermal conditions. Chemosphere, 2022, 300, 134572.	4.2	10
53	Phthalates in dormitory dust and human urine: A study of exposure characteristics and risk assessments of university students. Science of the Total Environment, 2022, 845, 157251.	3.9	10
54	Changes and release risk of typical pharmaceuticals and personal care products in sewage sludge during hydrothermal carbonization process. Chemosphere, 2021, 284, 131313.	4.2	9

#	Article	IF	Citations
55	Impacts of loach bioturbation on the selective bioaccumulation of HBCDD diastereoisomers and enantiomers by mirror carp in a microcosm. Chemosphere, 2016, 163, 471-479.	4.2	6
56	Foliar uptake overweighs root uptake for 8:2 fluorotelomer alcohol in ryegrass (Lolium perenne L.): A closed exposure chamber study. Science of the Total Environment, 2022, 829, 154660.	3.9	5
57	Determinants of phthalate exposures in pregnant women in New York City. Environmental Research, 2022, 212, 113203.	3.7	5
58	Spatial and temporal distributions of hexabromocyclododecanes in surface soils of Jinan, China. Environmental Monitoring and Assessment, 2020, 192, 629.	1.3	4
59	Associations of Dietary Intake with Urinary Melamine and Derivative Concentrations among Children in the GAPPS Cohort. International Journal of Environmental Research and Public Health, 2022, 19, 4964.	1.2	4
60	Widespread Exposure to Emerging and Previously Unmeasured Chemicals in Commerce in Pregnant women Across the US. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
61	Environmental Exposure to Melamine-Related Compounds and Kidney Outcomes in Children. ISEE Conference Abstracts, 2021, 2021, .	0.0	0