

Xin-Yi Cui

List of Publications by Year in descending order

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54
papers

2,563
citations

182225
30
h-index

214428
50
g-index

54
all docs

54
docs citations

54
times ranked

3636
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhalation Bioaccessibility of Polycyclic Aromatic Hydrocarbons in PM _{2.5} under Various Lung Environments: Implications for Air Pollution Control during Coronavirus Disease-19 Outbreak. <i>Environmental Science & Technology</i> , 2022, 56, 4272-4281.	4.6	8
2	Influence of Dietary Lipid Type on the Bioavailability of DDT and Its Metabolites in Soil: Mechanisms and Health Implications. <i>Environmental Science & Technology</i> , 2022, 56, 5102-5110.	4.6	5
3	Coupling polydimethylsiloxane vials with a physiologically based extraction test to predict bioavailability of hydrophobic organic contaminants in soils. <i>Science of the Total Environment</i> , 2021, 800, 149557.	3.9	4
4	Leaching and <i>In Vivo</i> Bioavailability of Antimony in PET Bottled Beverages. <i>Environmental Science & Technology</i> , 2021, 55, 15227-15235.	4.6	10
5	The Influence of Food on the <i>In Vivo</i> Bioavailability of DDT and Its Metabolites in Soil. <i>Environmental Science & Technology</i> , 2020, 54, 5003-5010.	4.6	20
6	Effects of Food Constituents on Absorption and Bioaccessibility of Dietary Synthetic Phenolic Antioxidant by Caco-2 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4670-4677.	2.4	10
7	Effects of novel brominated flame retardants and metabolites on cytotoxicity in human umbilical vein endothelial cells. <i>Chemosphere</i> , 2020, 253, 126653.	4.2	7
8	Chemical compositions and source apportionment of PM _{2.5} during clear and hazy days: Seasonal changes and impacts of Youth Olympic Games. <i>Chemosphere</i> , 2020, 256, 127163.	4.2	20
9	BLT ¹ signaling in epithelial cells mediates allergic sensitization via promotion of IL-33 production. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 495-506.	2.7	30
10	Novel and legacy flame retardants in paired human fingernails and indoor dust samples. <i>Environment International</i> , 2019, 133, 105227.	4.8	26
11	Understanding the bioavailability of pyrethroids in the aquatic environment using chemical approaches. <i>Environment International</i> , 2019, 129, 194-207.	4.8	39
12	Organophosphate ester and phthalate ester metabolites in urine from primiparas in Shenzhen, China: Implications for health risks. <i>Environmental Pollution</i> , 2019, 247, 944-952.	3.7	56
13	Inhalation bioaccessibility of PAHs in PM _{2.5} : Implications for risk assessment and toxicity prediction. <i>Science of the Total Environment</i> , 2019, 650, 56-64.	3.9	58
14	Cellular responses of normal (HL-7702) and cancerous (HepG2) hepatic cells to dust extract exposure. <i>Chemosphere</i> , 2018, 193, 1189-1197.	4.2	25
15	Impact of particle size on distribution and human exposure of flame retardants in indoor dust. <i>Environmental Research</i> , 2018, 162, 166-172.	3.7	54
16	Impact of particle size on distribution, bioaccessibility, and cytotoxicity of polycyclic aromatic hydrocarbons in indoor dust. <i>Journal of Hazardous Materials</i> , 2018, 357, 341-347.	6.5	42
17	Novel Method for <i>In Situ</i> Monitoring of Organophosphorus Flame Retardants in Waters. <i>Analytical Chemistry</i> , 2018, 90, 10016-10023.	3.2	40
18	Food influence on lead relative bioavailability in contaminated soils: Mechanisms and health implications. <i>Journal of Hazardous Materials</i> , 2018, 358, 427-433.	6.5	23

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19	In situ measurement of perfluoroalkyl substances in aquatic systems using diffusive gradients in thin-films technique. <i>Water Research</i> , 2018, 144, 162-171.	5.3	59
20	Physical and chemical characteristics of PM _{2.5} and its toxicity to human bronchial cells BEAS-2B in the winter and summer. <i>Journal of Zhejiang University: Science B</i> , 2018, 19, 317-326.	1.3	54
21	Diesel exhaust particle promotes tumor lung metastasis via the induction of BLT1-mediated neutrophilic lung inflammation. <i>Cytokine</i> , 2018, 111, 530-540.	1.4	13
22	Effects of organophosphorus flame retardant TDCPP on normal human corneal epithelial cells: Implications for human health. <i>Environmental Pollution</i> , 2017, 230, 22-30.	3.7	51
23	Bioaccessibility of PAHs in contaminated soils: Comparison of five in vitro methods with Tenax as a sorption sink. <i>Science of the Total Environment</i> , 2017, 601-602, 968-974.	3.9	25
24	Effects of novel brominated flame retardant TBPH and its metabolite TBMEHP on human vascular endothelial cells: Implication for human health risks. <i>Environmental Research</i> , 2017, 156, 834-842.	3.7	26
25	Lead relative bioavailability in soils based on different endpoints of a mouse model. <i>Journal of Hazardous Materials</i> , 2017, 326, 94-100.	6.5	23
26	Molecular Mechanisms of Perfluorooctanoate-Induced Hepatocyte Apoptosis in Mice Using Proteomic Techniques. <i>Environmental Science & Technology</i> , 2017, 51, 11380-11389.	4.6	24
27	Relative bioavailability and bioaccessibility of PCBs in soils based on a mouse model and Tenax-improved physiologically-based extraction test. <i>Chemosphere</i> , 2017, 186, 709-715.	4.2	22
28	Molecular mechanisms of PFOA-induced toxicity in animals and humans: Implications for health risks. <i>Environment International</i> , 2017, 99, 43-54.	4.8	168
29	Influence of pollution control on lead inhalation bioaccessibility in PM _{2.5} : A case study of 2014 Youth Olympic Games in Nanjing. <i>Environment International</i> , 2016, 94, 69-75.	4.8	56
30	Advances in in vitro methods to evaluate oral bioaccessibility of PAHs and PBDEs in environmental matrices. <i>Chemosphere</i> , 2016, 150, 378-389.	4.2	56
31	Molecular mechanisms of dust-induced toxicity in human corneal epithelial cells: Water and organic extract of office and house dust. <i>Environment International</i> , 2016, 92-93, 348-356.	4.8	54
32	A label-free and portable graphene FET aptasensor for children blood lead detection. <i>Scientific Reports</i> , 2016, 6, 21711.	1.6	88
33	Mechanisms of housedust-induced toxicity in primary human corneal epithelial cells: Oxidative stress, proinflammatory response and mitochondrial dysfunction. <i>Environment International</i> , 2016, 89-90, 30-37.	4.8	49
34	Bioaccessibility, sources and health risk assessment of trace metals in urban park dust in Nanjing, Southeast China. <i>Ecotoxicology and Environmental Safety</i> , 2016, 128, 161-170.	2.9	128
35	Predicting the Relative Bioavailability of DDT and Its Metabolites in Historically Contaminated Soils Using a Tenax-Improved Physiologically Based Extraction Test (TI-PBET). <i>Environmental Science & Technology</i> , 2016, 50, 1118-1125.	4.6	46
36	Organophosphorus flame retardants and phthalate esters in indoor dust from different microenvironments: Bioaccessibility and risk assessment. <i>Chemosphere</i> , 2016, 150, 528-535.	4.2	128

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37	Toxic metals in children's toys and jewelry: Coupling bioaccessibility with risk assessment. <i>Environmental Pollution</i> , 2015, 200, 77-84.	3.7	57
38	In Vivo Bioavailability and In Vitro Bioaccessibility of Perfluorooctanoic Acid (PFOA) in Food Matrices: Correlation Analysis and Method Development. <i>Environmental Science & Technology</i> , 2015, 49, 150-158.	4.6	55
39	In vitro bioaccessibility and in vivo relative bioavailability in 12 contaminated soils: Method comparison and method development. <i>Science of the Total Environment</i> , 2015, 532, 812-820.	3.9	53
40	Activated Charcoal Based Diffusive Gradients in Thin Films for in Situ Monitoring of Bisphenols in Waters. <i>Analytical Chemistry</i> , 2015, 87, 801-807.	3.2	106
41	Assessment of <i>in Vitro</i> Lead Bioaccessibility in House Dust and Its Relationship to <i>in Vivo</i> Lead Relative Bioavailability. <i>Environmental Science & Technology</i> , 2014, 48, 8548-8555.	4.6	97
42	Effects of storage temperature and duration on release of antimony and bisphenol A from polyethylene terephthalate drinking water bottles of China. <i>Environmental Pollution</i> , 2014, 192, 113-120.	3.7	81
43	Methods to assess bioavailability of hydrophobic organic contaminants: Principles, operations, and limitations. <i>Environmental Pollution</i> , 2013, 172, 223-234.	3.7	188
44	Solid-phase Microextraction (SPME) with Stable Isotope Calibration for Measuring Bioavailability of Hydrophobic Organic Contaminants. <i>Environmental Science & Technology</i> , 2013, 47, 9833-9840.	4.6	38
45	COMPARING SORPTION BEHAVIOR OF PYRETHROIDS BETWEEN FORMULATED AND NATURAL SEDIMENTS. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 1033-1039.	2.2	3
46	Water quality parameters response to temperature change in small shallow lakes. <i>Physics and Chemistry of the Earth</i> , 2012, 47-48, 128-134.	1.2	8
47	Using disposable solid-phase microextraction (SPME) to determine the freely dissolved concentration of polybrominated diphenyl ethers (PBDEs) in sediments. <i>Environmental Pollution</i> , 2012, 167, 34-40.	3.7	28
48	Biodegradation of pyrene in sand, silt and clay fractions of sediment. <i>Biodegradation</i> , 2011, 22, 297-307.	1.5	30
49	Significance of biological effects on phosphorus transformation processes at the water-sediment interface under different environmental conditions. <i>Ecological Engineering</i> , 2011, 37, 816-825.	1.6	33
50	Sorption and desorption of pentachlorophenol to black carbon of three different origins. <i>Journal of Hazardous Materials</i> , 2011, 185, 639-646.	6.5	49
51	Characterization of Phosphate Solubilizing Bacteria in Sediments from a Shallow Eutrophic Lake and a Wetland: Isolation, Molecular Identification and Phosphorus Release Ability Determination. <i>Molecules</i> , 2010, 15, 8518-8533.	1.7	51
52	Bioavailability of sorbed phenanthrene and permethrin in sediments to <i>Chironomus tentans</i> . <i>Aquatic Toxicology</i> , 2010, 98, 83-90.	1.9	20
53	Sorption and genotoxicity of sediment-associated pentachlorophenol and pyrene influenced by crop residue ash. <i>Journal of Soils and Sediments</i> , 2009, 9, 604-612.	1.5	32
54	Regeneration of acid orange 7-exhausted granular activated carbons with microwave irradiation. <i>Water Research</i> , 2004, 38, 4484-4490.	5.3	87