

Ce-Hui Mo

List of Publications by Year in descending order

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54
papers

2,228
citations

218677

26
h-index

223800

46
g-index

55
all docs

55
docs citations

55
times ranked

1878
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity of endophytic bacteria in wild rice (<i>Oryza meridionalis</i>) and potential for promoting plant growth and degrading phthalates. <i>Science of the Total Environment</i> , 2022, 806, 150310.	8.0	13
2	Uptake pathways of phthalates (PAEs) into Chinese flowering cabbage grown in plastic greenhouses and lowering PAE accumulation by spraying PAE-degrading bacterial strain. <i>Science of the Total Environment</i> , 2022, 815, 152854.	8.0	13
3	Sorption of microcystin-RR onto surface soils: Characteristics and influencing factors. <i>Journal of Hazardous Materials</i> , 2022, 431, 128571.	12.4	5
4	Adsorption of microcystin contaminants by biochars derived from contrasting pyrolytic conditions: Characteristics, affecting factors, and mechanisms. <i>Science of the Total Environment</i> , 2021, 763, 143028.	8.0	20
5	Nitrate supply decreases uptake and accumulation of ciprofloxacin in <i>Brassica parachinensis</i> . <i>Journal of Hazardous Materials</i> , 2021, 403, 123803.	12.4	6
6	Mechanistic insight into esterase-catalyzed hydrolysis of phthalate esters (PAEs) based on integrated multi-spectroscopic analyses and docking simulation. <i>Journal of Hazardous Materials</i> , 2021, 408, 124901.	12.4	12
7	Role and possible mechanisms of earthworm <i>Eisenia fetida</i> in the elimination of microcystin-LR in soil. <i>Geoderma</i> , 2021, 392, 114980.	5.1	5
8	Variety-Selective Rhizospheric Activation, Uptake, and Subcellular Distribution of Perfluorooctanesulfonate (PFOS) in Lettuce (<i>Lactuca sativa</i> L.). <i>Environmental Science & Technology</i> , 2021, 55, 8730-8741.	10.0	33
9	Variant-Specific Adsorption, Desorption, and Dissipation of Microcystin Toxins in Surface Soil. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 11825-11834.	5.2	4
10	Food Safety Concerns: Crop Breeding as a Potential Strategy to Address Issues Associated with the Recently Lowered Reference Doses for Perfluorooctanoic Acid and Perfluorooctane sulfonate. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 48-58.	5.2	15
11	Effects of rice straw biochar on sorption and desorption of di-n-butyl phthalate in different soil particle-size fractions. <i>Science of the Total Environment</i> , 2020, 702, 134878.	8.0	27
12	Oxalic Acid in Root Exudates Enhances Accumulation of Perfluorooctanoic Acid in Lettuce. <i>Environmental Science & Technology</i> , 2020, 54, 13046-13055.	10.0	42
13	Prevalent phthalates in air-soil-vegetable systems of plastic greenhouses in a subtropical city and health risk assessments. <i>Science of the Total Environment</i> , 2020, 743, 140755.	8.0	33
14	Dynamics, thermodynamics, and mechanism of perfluorooctane sulfonate (PFOS) sorption to various soil particle-size fractions of paddy soil. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111105.	6.0	13
15	A Visual Leaf Zymography Technique for the <i>In Situ</i> Examination of Plant Enzyme Activity under the Stress of Environmental Pollution. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14015-14024.	5.2	4
16	Rice root exudates enhance desorption and bioavailability of phthalic acid esters (PAEs) in soil associating with cultivar variation in PAE accumulation. <i>Environmental Research</i> , 2020, 186, 109611.	7.5	40
17	Improving yield and quality of vegetable grown in PAEs-contaminated soils by using novel bioorganic fertilizer. <i>Science of the Total Environment</i> , 2020, 739, 139883.	8.0	17
18	Insights into the binding interaction of substrate with catechol 2,3-dioxygenase from biophysics point of view. <i>Journal of Hazardous Materials</i> , 2020, 391, 122211.	12.4	28

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19	Regulation Network of Sucrose Metabolism in Response to Trivalent and Hexavalent Chromium in <i>Oryza sativa</i> . Journal of Agricultural and Food Chemistry, 2019, 67, 9738-9748.	5.2	36
20	High ecological and human health risks from microcystins in vegetable fields in southern China. Environment International, 2019, 133, 105142.	10.0	67
21	Bioaugmentation of Exogenous Strain <i>Rhodococcus</i> sp. 2G Can Efficiently Mitigate Di(2-ethylhexyl) Phthalate Contamination to Vegetable Cultivation. Journal of Agricultural and Food Chemistry, 2019, 67, 6940-6949.	5.2	29
22	Sorption Mechanism, Kinetics, and Isotherms of Di-n-butyl Phthalate to Different Soil Particle-Size Fractions. Journal of Agricultural and Food Chemistry, 2019, 67, 4734-4745.	5.2	45
23	Global Picture of Protein Regulation in Response to Dibutyl Phthalate (DBP) Stress of Two <i>Brassica parachinensis</i> Cultivars Differing in DBP Accumulation. Journal of Agricultural and Food Chemistry, 2018, 66, 4768-4779.	5.2	15
24	Intraspecific variability of ciprofloxacin accumulation, tolerance, and metabolism in Chinese flowering cabbage (<i>Brassica parachinensis</i>). Journal of Hazardous Materials, 2018, 349, 252-261.	12.4	27
25	Genotypic variation and mechanism in uptake and translocation of perfluorooctanoic acid (PFOA) in lettuce (<i>Lactuca sativa</i> L.) cultivars grown in PFOA-polluted soils. Science of the Total Environment, 2018, 636, 999-1008.	8.0	45
26	Soil contamination and sources of phthalates and its health risk in China: A review. Environmental Research, 2018, 164, 417-429.	7.5	239
27	Sorption kinetics, isotherms, and mechanism of aniline aerofloat to agricultural soils with various physicochemical properties. Ecotoxicology and Environmental Safety, 2018, 154, 84-91.	6.0	27
28	Cultivar-Dependent Accumulation and Translocation of Perfluorooctanesulfonate among Lettuce (<i>Lactuca sativa</i> L.) Cultivars Grown on Perfluorooctanesulfonate-Contaminated Soil. Journal of Agricultural and Food Chemistry, 2018, 66, 13096-13106.	5.2	25
29	Differences in Root Physiological and Proteomic Responses to Dibutyl Phthalate Exposure between Low- and High-DBP-Accumulation Cultivars of <i>Brassica parachinensis</i> . Journal of Agricultural and Food Chemistry, 2018, 66, 13541-13551.	5.2	13
30	Mechanism and Implication of the Sorption of Perfluorooctanoic Acid by Varying Soil Size Fractions. Journal of Agricultural and Food Chemistry, 2018, 66, 11569-11579.	5.2	43
31	Variations in microbial community and di-(2-ethylhexyl) phthalate (DEHP) dissipation in different rhizospheric compartments between low- and high-DEHP accumulating cultivars of rice (<i>Oryza sativa</i>) Tj ETQq1 1 06784314 r38 /Over	5.2	13
32	Variation in accumulation, transport, and distribution of phthalic acid esters (PAEs) in soil columns grown with low- and high-PAE accumulating rice cultivars. Environmental Science and Pollution Research, 2018, 25, 17768-17780.	5.3	32
33	Functional genomic analysis of phthalate acid ester (PAE) catabolism genes in the versatile PAE-mineralising bacterium <i>Rhodococcus</i> sp. 2G. Science of the Total Environment, 2018, 640-641, 646-652.	8.0	38
34	A Robust Method for Routine Analysis of Perfluorooctane Sulfonate (PFOS) and Perfluorohexane Sulfonate (PFHxS) in Various Edible Crop Matrices. Food Analytical Methods, 2017, 10, 2518-2528.	2.6	9
35	Variation in accumulation and translocation of di-n-butyl phthalate (DBP) among rice (<i>Oryza sativa</i> L.) genotypes and selection of cultivars for low DBP exposure. Environmental Science and Pollution Research, 2017, 24, 7298-7309.	5.3	30
36	Determination of Trace Perfluoroalkyl Carboxylic Acids in Edible Crop Matrices: Matrix Effect and Method Development. Journal of Agricultural and Food Chemistry, 2017, 65, 8763-8772.	5.2	29

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37	Low-molecular-weight organic acids correlate with cultivar variation in ciprofloxacin accumulation in <i>Brassica parachinensis</i> L.. <i>Scientific Reports</i> , 2017, 7, 10301.	3.3	12
38	Enhanced dissipation of DEHP in soil and simultaneously reduced bioaccumulation of DEHP in vegetable using bioaugmentation with exogenous bacteria. <i>Biology and Fertility of Soils</i> , 2017, 53, 663-675.	4.3	40
39	Toxicological effects of microcystin-LR on earthworm (<i>Eisenia fetida</i>) in soil. <i>Biology and Fertility of Soils</i> , 2017, 53, 849-860.	4.3	14
40	Research Progresses of Determination of Perfluorinated Compounds in Environmental Water and Solid Samples. <i>Chinese Journal of Analytical Chemistry</i> , 2017, 45, 601-610.	1.7	20
41	Sorption of dodecyltrimethylammonium chloride (DTAC) to agricultural soils. <i>Science of the Total Environment</i> , 2016, 560-561, 197-203.	8.0	21
42	Complete degradation of the endocrine disruptor di-(2-ethylhexyl) phthalate by a novel <i>Agromyces</i> sp. MT-O strain and its application to bioremediation of contaminated soil. <i>Science of the Total Environment</i> , 2016, 562, 170-178.	8.0	95
43	Physiological differences in response to di-n-butyl phthalate (DBP) exposure between low- and high-DBP accumulating cultivars of Chinese flowering cabbage (<i>Brassica parachinensis</i> L.). <i>Environmental Pollution</i> , 2016, 208, 840-849.	7.5	24
44	Variations in phthalate ester (PAE) accumulation and their formation mechanism in Chinese flowering cabbage (<i>Brassica parachinensis</i> L.) cultivars grown on PAE-contaminated soils. <i>Environmental Pollution</i> , 2015, 206, 95-103.	7.5	101
45	Sequential dynamic artificial neural network modeling of a full-scale coking wastewater treatment plant with fluidized bed reactors. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15910-15919.	5.3	12
46	Analysis of Trace Quaternary Ammonium Compounds (QACs) in Vegetables Using Ultrasonic-Assisted Extraction and Gas Chromatography-Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6689-6697.	5.2	22
47	Genotypic variation in the uptake, accumulation, and translocation of di-(2-ethylhexyl) phthalate by twenty cultivars of rice (<i>Oryza sativa</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2015, 116, 50-58.	6.0	49
48	Analysis of Trace Microcystins in Vegetables Using Solid-Phase Extraction Followed by High Performance Liquid Chromatography Triple-Quadrupole Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 11831-11839.	5.2	54
49	Novel insights into anoxic/aerobic1/aerobic2 biological fluidized-bed system for coke wastewater treatment by fluorescence excitation-emission matrix spectra coupled with parallel factor analysis. <i>Chemosphere</i> , 2014, 113, 158-164.	8.2	70
50	Distribution and risk assessment of quinolone antibiotics in the soils from organic vegetable farms of a subtropical city, Southern China. <i>Science of the Total Environment</i> , 2014, 487, 399-406.	8.0	111
51	Polycyclic Aromatic Hydrocarbons and Phthalic Acid Esters in Vegetables from Nine Farms of the Pearl River Delta, South China. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 56, 181-189.	4.1	80
52	Occurrence of priority organic pollutants in the fertilizers, China. <i>Journal of Hazardous Materials</i> , 2008, 152, 1208-1213.	12.4	90
53	The status of soil contamination by semivolatile organic chemicals (SVOCs) in China: A review. <i>Science of the Total Environment</i> , 2008, 389, 209-224.	8.0	281
54	Potential of different species for use in removal of DDT from the contaminated soils. <i>Chemosphere</i> , 2008, 73, 120-125.	8.2	30