

Wenjie Ren

List of Publications by Year in descending order

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51
papers

1,429
citations

304743

22
h-index

345221

36
g-index

53
all docs

53
docs citations

53
times ranked

1627
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of kaolinite and montmorillonite on benzo[a]pyrene biodegradation by <i>Paracoccus aminovorans</i> HPD-2 and the underlying interface interaction mechanisms. <i>Pedosphere</i> , 2022, 32, 246-255.	4.0	5
2	Variations of Bacterial and Diazotrophic Community Assemblies throughout the Soil Profile in Distinct Paddy Soil Types and Their Contributions to Soil Functionality. <i>MSystems</i> , 2022, 7, e0104721.	3.8	11
3	Enhanced remediation of PAHs-contaminated site soil by bioaugmentation with graphene oxide immobilized bacterial pellets. <i>Journal of Hazardous Materials</i> , 2022, 433, 128793.	12.4	30
4	A highly effective polycyclic aromatic hydrocarbon-degrading bacterium, <i>Paracoccus</i> sp. HPD-2, shows opposite remediation potential in two soil types. <i>Pedosphere</i> , 2022, 32, 673-685.	4.0	3
5	Detection of functional microorganisms in benzene [a] pyrene-contaminated soils using DNA-SIP technology. <i>Journal of Hazardous Materials</i> , 2021, 407, 124788.	12.4	33
6	Soil Type Driven Change in Microbial Community Affects Poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (adipate-<i>co</i>/i> 55, 4648-4657.	10.0	52
7	Changes in clover rhizosphere microbial community and diazotrophs in mercury-contaminated soils. <i>Science of the Total Environment</i> , 2021, 767, 145473.	8.0	23
8	The inhibitory mechanism of natural soil colloids on the biodegradation of polychlorinated biphenyls by a degrading bacterium. <i>Journal of Hazardous Materials</i> , 2021, 415, 125687.	12.4	15
9	Contrasting impacts of drying-rewetting cycles on the dissipation of di-(2-ethylhexyl) phthalate in two typical agricultural soils. <i>Science of the Total Environment</i> , 2021, 792, 148433.	8.0	8
10	Enhanced biomass and cadmium accumulation by three cadmium-tolerant plant species following cold plasma seed treatment. <i>Journal of Environmental Management</i> , 2021, 296, 113212.	7.8	8
11	Soil bacterial diversity and functionality are driven by plant species for enhancing polycyclic aromatic hydrocarbons dissipation in soils. <i>Science of the Total Environment</i> , 2021, 797, 149204.	8.0	13
12	Genome-resolved metagenomics reveals how soil bacterial communities respond to elevated H2 availability. <i>Soil Biology and Biochemistry</i> , 2021, 163, 108464.	8.8	12
13	Effect of Graphene Oxide on Growth of Wheat Seedlings: Insights from Oxidative Stress and Physiological Flux. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 139-145.	2.7	18
14	Pesticide residues in soils planted with <i>Panax notoginseng</i> in south China, and their relationships in <i>Panax notoginseng</i> and soil. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110783.	6.0	34
15	Uptake, translocation and metabolism of di-n-butyl phthalate in alfalfa (<i>Medicago sativa</i>). <i>Science of the Total Environment</i> , 2020, 731, 138974.	8.0	14
16	Contribution of autochthonous diazotrophs to polycyclic aromatic hydrocarbon dissipation in contaminated soils. <i>Science of the Total Environment</i> , 2020, 719, 137410.	8.0	11
17	Exploring bacterial community structure and function associated with polychlorinated biphenyl biodegradation in two hydrogen-amended soils. <i>Science of the Total Environment</i> , 2020, 745, 140839.	8.0	14
18	Nontargeted metabolomic analysis to unravel the impact of di (2-ethylhexyl) phthalate stress on root exudates of alfalfa (<i>Medicago sativa</i>). <i>Science of the Total Environment</i> , 2019, 646, 212-219.	8.0	78

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19	Planarity effect of polychlorinated biphenyls adsorption by graphene nanomaterials: The influence of graphene characteristics, solution pH and temperature. <i>Chemical Engineering Journal</i> , 2019, 362, 160-168.	12.7	25
20	Application of biodegradable seedling trays in paddy fields: Impacts on the microbial community. <i>Science of the Total Environment</i> , 2019, 656, 750-759.	8.0	21
21	Occurrence and risk assessment of potentially toxic elements and typical organic pollutants in contaminated rural soils. <i>Science of the Total Environment</i> , 2018, 630, 618-629.	8.0	60
22	Mechanisms by which organic fertilizer and effective microbes mitigate peanut continuous cropping yield constraints in a red soil of south China. <i>Applied Soil Ecology</i> , 2018, 128, 23-34.	4.3	80
23	Human health risk assessment of heavy metals in the soil of "Panax notoginseng system in Yunnan province, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018, 24, 1312-1326.	3.4	20
24	Coupling between Nitrogen Fixation and Tetrachlorobiphenyl Dechlorination in a Rhizobium-Legume Symbiosis. <i>Environmental Science & Technology</i> , 2018, 52, 2217-2224.	10.0	30
25	Effect of composition and microstructure of humic acid on 3,3',4,4'-tetrachlorobiphenyl sorption. <i>Environmental Science and Pollution Research</i> , 2018, 25, 14656-14665.	5.3	5
26	Effect of Silicon on Growth, Physiology, and Cadmium Translocation of Tobacco (<i>Nicotiana tabacum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.0	33
27	Effect of mixed soil microbiomes on pyrene removal and the response of the soil microorganisms. <i>Science of the Total Environment</i> , 2018, 640-641, 9-17.	8.0	56
28	Influencing mechanisms of hematite on benzo(a)pyrene degradation by the PAH-degrading bacterium <i>Paracoccus</i> sp. Strain HPD-2: insight from benzo(a)pyrene bioaccessibility and bacteria activity. <i>Journal of Hazardous Materials</i> , 2018, 359, 348-355.	12.4	22
29	Effect of sulfonated graphene on uptake, translocation, and metabolism of 2,4,4'-trichlorobiphenyl in maize seedlings. <i>Environmental Science and Pollution Research</i> , 2018, 25, 20084-20096.	5.3	6
30	Optimization of Ex-Situ Washing Removal of Polycyclic Aromatic Hydrocarbons from a Contaminated Soil Using Nano-Sulfonated Graphene. <i>Pedosphere</i> , 2017, 27, 527-536.	4.0	33
31	Phytoremediation of diphenylarsinic-acid-contaminated soil by <i>Pteris vittata</i> associated with <i>Phyllobacterium myrsinacearum</i> RC6b. <i>International Journal of Phytoremediation</i> , 2017, 19, 463-469.	3.1	7
32	Sulfonated graphene-induced hormesis is mediated through oxidative stress in the roots of maize seedlings. <i>Science of the Total Environment</i> , 2016, 572, 926-934.	8.0	65
33	Pyrene dissipation potential varies with soil type and associated bacterial community changes. <i>Soil Biology and Biochemistry</i> , 2016, 103, 71-85.	8.8	43
34	Non-target effects of repeated chlorothalonil application on soil nitrogen cycling: The key functional gene study. <i>Science of the Total Environment</i> , 2016, 543, 636-643.	8.0	63
35	Integration of Chemical Methods and Biomarkers for Assessment of Chlorimuron-Ethyl Bioavailability in Soil. <i>Pedosphere</i> , 2016, 26, 273-281.	4.0	1
36	Effects of cadmium on uptake and translocation of nutrient elements in different welsh onion (<i>Allium fistulosum</i> L.) cultivars. <i>Food Chemistry</i> , 2016, 194, 101-110.	8.2	68

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37	Trichoderma reesei FS10-C enhances phytoremediation of Cd-contaminated soil by Sedum plumbizincicola and associated soil microbial activities. <i>Frontiers in Plant Science</i> , 2015, 9, 220.	3.6	10
38	Evident bacterial community changes but only slight degradation when polluted with pyrene in a red soil. <i>Frontiers in Microbiology</i> , 2015, 6, 22.	3.5	85
39	Time-dependent effect of graphene on the structure, abundance, and function of the soil bacterial community. <i>Journal of Hazardous Materials</i> , 2015, 297, 286-294.	12.4	85
40	Sorption of chlorimuron-ethyl on montmorillonite clays: effects of exchangeable cations, pH, and ionic strength. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11587-11597.	5.3	6
41	Herbicide occurrence in riparian soils and its transporting risk in the Songhua River Basin, China. <i>Agronomy for Sustainable Development</i> , 2013, 33, 777-785.	5.3	10
42	Influence of hydro-geomorphology, land-use and riparian zone characteristics on herbicide occurrence and distribution in sediments in Songhua River Basin, northeastern China. <i>Geoderma</i> , 2013, 193-194, 156-164.	5.1	14
43	Degradation of pyrene by immobilized microorganisms in saline-alkaline soil. <i>Journal of Environmental Sciences</i> , 2012, 24, 1662-1669.	6.1	47
44	Identification of cadmium-excluding welsh onion (<i>Allium fistulosum</i> L.) cultivars and their mechanisms of low cadmium accumulation. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1773-1780.	5.3	25
45	Adsorption and desorption of carbendazim and cadmium in typical soils in northeastern China as affected by temperature. <i>Geoderma</i> , 2011, 160, 347-354.	5.1	54
46	Interactive effects of chlorimuron-ethyl and copper(II) on their sorption and desorption on two typical Chinese soils. <i>European Journal of Soil Science</i> , 2011, 62, 882-890.	3.9	4
47	Spatial and temporal distribution of acetochlor in sediments and riparian soils of the Songhua River Basin in northeastern China. <i>Journal of Environmental Sciences</i> , 2011, 23, 1684-1690.	6.1	41
48	Effect of soil pH and organic matter on desorption hysteresis of chlorimuron-ethyl in two typical Chinese soils. <i>Journal of Soils and Sediments</i> , 2011, 11, 552-561.	3.0	20
49	Adsorption Characteristics and Influencing Factors of Chlorimuron-ethyl in Two Typical Chinese Soils. <i>Soil Science Society of America Journal</i> , 2011, 75, 1394-1401.	2.2	7
50	Occurrence and Health Risk Assessment of Phthalate Esters in Tobacco and Soils in Tobacco-Producing Areas of Guizhou Province, Southwest China. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
51	Occurrence and Health Risk Assessment of Phthalate Esters in Tobacco and Soils in Tobacco-Producing Areas of Guizhou Province, Southwest China. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0