

Zhongqi Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1415874/publications.pdf>

Version: 2024-02-01

19
papers

1,340
citations

471509

17
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1624
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochars derived from various crop straws: Characterization and Cd(II) removal potential. <i>Ecotoxicology and Environmental Safety</i> , 2014, 106, 226-231.	6.0	190
2	N-doping effectively enhances the adsorption capacity of biochar for heavy metal ions from aqueous solution. <i>Chemosphere</i> , 2018, 193, 8-16.	8.2	187
3	One-step synthesis of a novel N-doped microporous biochar derived from crop straws with high dye adsorption capacity. <i>Journal of Environmental Management</i> , 2016, 176, 61-68.	7.8	172
4	Foliar application with nano-silicon reduced cadmium accumulation in grains by inhibiting cadmium translocation in rice plants. <i>Environmental Science and Pollution Research</i> , 2018, 25, 2361-2368.	5.3	120
5	Effect of humic acid (HA) on sulfonamide sorption by biochars. <i>Environmental Pollution</i> , 2015, 204, 306-312.	7.5	118
6	Effects of growing seasons and genotypes on the accumulation of cadmium and mineral nutrients in rice grown in cadmium contaminated soil. <i>Science of the Total Environment</i> , 2017, 579, 1282-1288.	8.0	81
7	Adsorption Properties of Nano-MnO ₂ Biochar Composites for Copper in Aqueous Solution. <i>Molecules</i> , 2017, 22, 173.	3.8	81
8	Impact of low molecular weight organic acids (LMWOAs) on biochar micropores and sorption properties for sulfamethoxazole. <i>Environmental Pollution</i> , 2016, 214, 142-148.	7.5	73
9	Increasing phosphate inhibits cadmium uptake in plants and promotes synthesis of amino acids in grains of rice. <i>Environmental Pollution</i> , 2020, 257, 113496.	7.5	50
10	Burkholderia sp. Y4 inhibits cadmium accumulation in rice by increasing essential nutrient uptake and preferentially absorbing cadmium. <i>Chemosphere</i> , 2020, 252, 126603.	8.2	40
11	Rice grains alleviate cadmium toxicity by expending glutamate and increasing manganese in the cadmium contaminated farmland. <i>Environmental Pollution</i> , 2020, 262, 114236.	7.5	39
12	Cadmium-resistant rhizobacterium <i>Bacillus cereus</i> M4 promotes the growth and reduces cadmium accumulation in rice (<i>Oryza sativa</i> L.). <i>Environmental Toxicology and Pharmacology</i> , 2019, 72, 103265.	4.0	32
13	Citric acid inhibits Cd uptake by improving the preferential transport of Mn and triggering the defense response of amino acids in grains. <i>Ecotoxicology and Environmental Safety</i> , 2021, 211, 111921.	6.0	23
14	Gadolinium inhibits cadmium transport by blocking non-selective cation channels in rice seedlings. <i>Ecotoxicology and Environmental Safety</i> , 2019, 179, 160-166.	6.0	22
15	Foliar application of the sulfhydryl compound 2,3-dimercaptosuccinic acid inhibits cadmium, lead, and arsenic accumulation in rice grains by promoting heavy metal immobilization in flag leaves. <i>Environmental Pollution</i> , 2021, 285, 117355.	7.5	21
16	Modeling uptake of cadmium from solution outside of root to cell wall of shoot in rice seedling. <i>Plant Growth Regulation</i> , 2017, 82, 11-20.	3.4	20
17	Rice vegetative organs alleviate cadmium toxicity by altering the chemical forms of cadmium and increasing the ratio of calcium to manganese. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109640.	6.0	17
18	Rice organs concentrate cadmium by chelation of amino acids containing dicarboxyl groups and enhance risks to human and environmental health in Cd-contaminated areas. <i>Journal of Hazardous Materials</i> , 2022, 426, 128130.	12.4	16

#	ARTICLE	IF	CITATIONS
19	Complete genome sequence of soil actinobacteria <i>Streptomyces cavourensis</i> TJ430. Journal of Basic Microbiology, 2018, 58, 1083-1090.	3.3	3