

Yongchun Huang

List of Publications by Year in descending order

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12
papers

433
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759233

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	<i>Burkholderia</i> 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
7	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
8	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
9	Effect of nanomaterials on arsenic volatilization and extraction from flooded soils. <i>Environmental Pollution</i> , 2018, 239, 118-128.	7.5	17
10	Preparation of Fe-Cu-kaolinite for catalytic wet peroxide oxidation of 4-chlorophenol. <i>Environmental Science and Pollution Research</i> , 2018, 25, 4924-4933.	5.3	15
11	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
12	Complete genome sequence of soil actinobacteria <i>Streptomyces cavourensis</i> TJ430. <i>Journal of Basic Microbiology</i> , 2018, 58, 1083-1090.	3.3	3