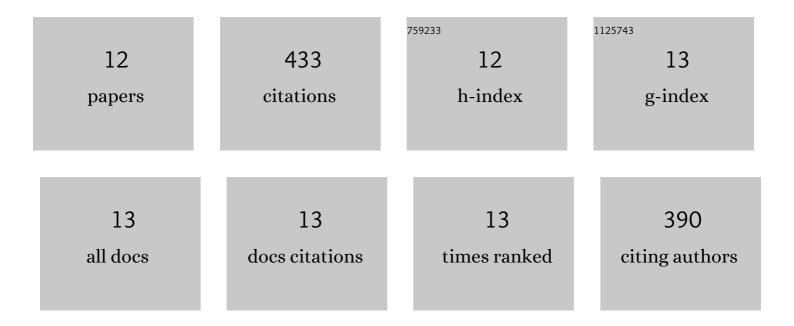
Yongchun Huang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3233996/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Foliar application with nano-silicon reduced cadmium accumulation in grains by inhibiting cadmium translocation in rice plants. Environmental Science and Pollution Research, 2018, 25, 2361-2368.	5.3	120
2	Increasing phosphate inhibits cadmium uptake in plants and promotes synthesis of amino acids in grains of rice. Environmental Pollution, 2020, 257, 113496.	7.5	50
3	Burkholderia sp. Y4 inhibits cadmium accumulation in rice by increasing essential nutrient uptake and preferentially absorbing cadmium. Chemosphere, 2020, 252, 126603.	8.2	40
4	Rice grains alleviate cadmium toxicity by expending glutamate and increasing manganese in the cadmium contaminated farmland. Environmental Pollution, 2020, 262, 114236.	7.5	39
5	Cadmium-resistant rhizobacterium Bacillus cereus M4 promotes the growth and reduces cadmium accumulation in rice (Oryza sativa L.). Environmental Toxicology and Pharmacology, 2019, 72, 103265.	4.0	32
6	Citric acid inhibits Cd uptake by improving the preferential transport of Mn and triggering the defense response of amino acids in grains. Ecotoxicology and Environmental Safety, 2021, 211, 111921.	6.0	23
7	Gadolinium inhibits cadmium transport by blocking non-selective cation channels in rice seedlings. Ecotoxicology and Environmental Safety, 2019, 179, 160-166.	6.0	22
8	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. Environmental Pollution, 2021, 285, 117355.	7.5	21
9	Effect of nanomaterials on arsenic volatilization and extraction from flooded soils. Environmental Pollution, 2018, 239, 118-128.	7.5	17
10	Rice organs concentrate cadmium by chelation of amino acids containing dicarboxyl groups and enhance risks to human and environmental health in Cd-contaminated areas. Journal of Hazardous Materials, 2022, 426, 128130.	12.4	16
11	Preparation of Fe-Cu-kaolinite for catalytic wet peroxide oxidation of 4-chlorophenol. Environmental Science and Pollution Research, 2018, 25, 4924-4933.	5.3	15
12	Complete genome sequence of soil actinobacteria <i>Streptomyces cavourensis</i> TJ430. Journal of Basic Microbiology, 2018, 58, 1083-1090.	3.3	3