Xiaoxuan Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3934727/publications.pdf

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10 papers	283 citations	1162367 8 h-index	1372195 10 g-index
10 all docs	10 docs citations	10 times ranked	222 citing authors

#	Article	IF	Citations
1	Elucidating the Effects of Cerium Oxide Nanoparticles and Zinc Oxide Nanoparticles on Arsenic Uptake and Speciation in Rice (Oryza sativa) in a Hydroponic System. Environmental Science & Technology, 2018, 52, 10040-10047.	4.6	105
2	Differential impacts of copper oxide nanoparticles and Copper(II) ions on the uptake and accumulation of arsenic in rice (Oryza sativa). Environmental Pollution, 2019, 252, 967-973.	3.7	53
3	Investigation on the Modification of Physicochemical Properties of Cerium Oxide Nanoparticles through Adsorption of Cd and As(III)/As(V). ACS Sustainable Chemistry and Engineering, 2018, 6, 13454-13461.	3.2	32
4	Prediction of Plant Uptake and Translocation of Engineered Metallic Nanoparticles by Machine Learning. Environmental Science & Technology, 2021, 55, 7491-7500.	4.6	29
5	Simultaneous mitigation of arsenic and cadmium accumulation in rice (Oryza sativa L.) seedlings by silicon oxide nanoparticles under different water management schemes. Paddy and Water Environment, 2021, 19, 569-584.	1.0	24
6	Impact of nanoparticle surface charge and phosphate on the uptake of coexisting cerium oxide nanoparticles and cadmium by soybean (Glycine max. (L.) merr.). International Journal of Phytoremediation, 2020, 22, 305-312.	1.7	12
7	Zinc Fertilizers Modified the Formation and Properties of Iron Plaque and Arsenic Accumulation in Rice (Oryza sativa L.) in a Life Cycle Study. Environmental Science & Technology, 2022, 56, 8209-8220.	4.6	11
8	Elucidating the impact of three metallic nanoagrichemicals and their bulk and ionic counterparts on the chemical properties of bulk and rhizosphere soils in rice paddies. Environmental Pollution, 2021, 290, 118005.	3.7	9
9	Impact of Elevated Nitrate and Perchlorate in Irrigation Water on the Uptake, Speciation, and Accumulation of Arsenic in Rice (Oryza sativa L.). Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	4
10	Impact of Three Copper Amendments on Arsenic Accumulation and Speciation in Rice (Oryza) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	3.2	4