

M J I Shohag

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,230
citations

361413
20
h-index

377865
34
g-index

36
all docs

36
docs citations

36
times ranked

1525
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative evaluation of in vivo relative bioavailability and in vitro bioaccessibility of arsenic in leafy vegetables and its implication in human exposure assessment. <i>Journal of Hazardous Materials</i> , 2022, 423, 126909.	12.4	29
2	Assessment of Indicators in a Human Liver Cell Line HL-7702 for Tetracycline Toxicity in Farm Soil. <i>Agronomy</i> , 2022, 12, 730.	3.0	0
3	A phytoremediation coupled with agro-production mode suppresses Fusarium wilt disease and alleviates cadmium phytotoxicity of cucumber (<i>Cucumis sativus</i> L.) in continuous cropping greenhouse soil. <i>Chemosphere</i> , 2021, 270, 128634.	8.2	15
4	Formyl tetrahydrofolate deformylase affects hydrogen peroxide accumulation and leaf senescence by regulating the folate status and redox homeostasis in rice. <i>Science China Life Sciences</i> , 2021, 64, 720-738.	4.9	9
5	COVID-19 Crisis: How Can Plant Biotechnology Help?. <i>Plants</i> , 2021, 10, 352.	3.5	12
6	<i>In Vivo</i>“In Vitro“ Correlations for the Assessment of Cadmium Bioavailability in Vegetables. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12295-12304.	5.2	10
7	Effect of Different Forms of Selenium on the Physiological Response and the Cadmium Uptake by Rice under Cadmium Stress. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6991.	2.6	21
8	Foliar application of zinc and selenium alleviates cadmium and lead toxicity of water spinach “Bioavailability/cytotoxicity study with human cell lines. <i>Environment International</i> , 2020, 145, 106122.	10.0	29
9	Endophytic inoculation coupled with soil amendment and foliar inhibitor ensure phytoremediation and argo-production in cadmium contaminated soil under oilseed rape-rice rotation system. <i>Science of the Total Environment</i> , 2020, 748, 142481.	8.0	28
10	Genetic and physiological regulation of folate in pak choi (<i>Brassica rapa</i> subsp. <i>Chinensis</i>) germplasm. <i>Journal of Experimental Botany</i> , 2020, 71, 4914-4929.	4.8	8
11	Combined use of arbuscular mycorrhizal fungus and selenium fertilizer shapes microbial community structure and enhances organic selenium accumulation in rice grain. <i>Science of the Total Environment</i> , 2020, 748, 141166.	8.0	43
12	Evaluation of selenium bioavailability to <i>Brassica juncea</i> in representative Chinese soils based on diffusive gradients in thin-films (DGT) and chemical extraction methods. <i>International Journal of Phytoremediation</i> , 2020, 22, 952-962.	3.1	2
13	Screening of 19 <i>Salix</i> clones in effective phytofiltration potentials of manganese, zinc and copper in pilot-scale wetlands. <i>International Journal of Phytoremediation</i> , 2018, 20, 1275-1283.	3.1	2
14	A rapid method for sensitive profiling of folates from plant leaf by ultra-performance liquid chromatography coupled to tandem quadrupole mass spectrometer. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1040, 169-179.	2.3	18
15	Transcriptome Comparison Reveals the Adaptive Evolution of Two Contrasting Ecotypes of Zn/Cd Hyperaccumulator <i>Sedum alfredii</i> Hance. <i>Frontiers in Plant Science</i> , 2017, 8, 425.	3.6	19
16	Bioaccessibility and Human Exposure Assessment of Cadmium and Arsenic in Pakchoi Genotypes Grown in Co-Contaminated Soils. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 977.	2.6	19
17	Enhanced expression of SaHMA3 plays critical roles in Cd hyperaccumulation and hypertolerance in Cd hyperaccumulator <i>Sedum alfredii</i> Hance. <i>Planta</i> , 2016, 243, 577-589.	3.2	81
18	Root cell wall polysaccharides are involved in cadmium hyperaccumulation in <i>Sedum alfredii</i> . <i>Plant and Soil</i> , 2015, 389, 387-399.	3.7	111

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19	Sorption of sulphamethoxazole by the biochars derived from rice straw and alligator flag. <i>Environmental Technology</i> (United Kingdom), 2015, 36, 245-253.	2.2	35
20	Iron Translocation in Two Grain Concentration Contrasting Rice (<i>Oryza Sativa</i> L. Indica) Genotypes. <i>Communications in Soil Science and Plant Analysis</i> , 2015, 46, 2258-2273.	1.4	0
21	Role of sulfur assimilation pathway in cadmium hyperaccumulation by <i>Sedum alfredii</i> Hance. <i>Ecotoxicology and Environmental Safety</i> , 2014, 100, 159-165.	6.0	30
22	Zinc uptake kinetics in the low and high-affinity systems of two contrasting rice genotypes. <i>Journal of Plant Nutrition and Soil Science</i> , 2014, 177, 412-420.	1.9	18
23	Metallothionein 2 (SaMT2) from <i>Sedum alfredii</i> Hance Confers Increased Cd Tolerance and Accumulation in Yeast and Tobacco. <i>PLoS ONE</i> , 2014, 9, e102750.	2.5	73
24	Effect of ferrous sulfate fortification in germinated brown rice on seed iron concentration and bioavailability. <i>Food Chemistry</i> , 2013, 138, 1952-1958.	8.2	42
25	Complexation with dissolved organic matter and mobility control of heavy metals in the rhizosphere of hyperaccumulator <i>Sedum alfredii</i> . <i>Environmental Pollution</i> , 2013, 182, 248-255.	7.5	110
26	Iron concentration, bioavailability, and nutritional quality of polished rice affected by different forms of foliar iron fertilizer. <i>Food Chemistry</i> , 2013, 141, 4122-4126.	8.2	64
27	Effects of Foliar Iron Application on Iron Concentration in Polished Rice Grain and Its Bioavailability. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 11433-11439.	5.2	68
28	Effect of Zinc Sulfate Fortification in Germinated Brown Rice on Seed Zinc Concentration, Bioavailability, and Seed Germination. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1871-1879.	5.2	43
29	Changes of Folate and Other Potential Health-Promoting Phytochemicals in Legume Seeds As Affected by Germination. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 9137-9143.	5.2	78
30	Folate Content and Composition of Vegetables Commonly Consumed in China. <i>Journal of Food Science</i> , 2012, 77, H239-45.	3.1	18
31	Biofortification and Bioavailability of Rice Grain Zinc as Affected by Different Forms of Foliar Zinc Fertilization. <i>PLoS ONE</i> , 2012, 7, e45428.	2.5	83
32	Natural Variation of Folate Content and Composition in Spinach (<i>Spinacia oleracea</i>) Germplasm. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 12520-12526.	5.2	39
33	Lead tolerance and cellular distribution in <i>Elsholtzia splendens</i> using synchrotron radiation micro-X-ray fluorescence. <i>Journal of Hazardous Materials</i> , 2011, 197, 264-271.	12.4	28
34	Characterization of ⁶⁸ Zn uptake, translocation, and accumulation into developing grains and young leaves of high Zn-density rice genotype. <i>Journal of Zhejiang University: Science B</i> , 2011, 12, 408-418.	2.8	18
35	Recovery of ¹⁵ N-labeled urea and soil nitrogen dynamics as affected by irrigation management and nitrogen application rate in a double rice cropping system. <i>Plant and Soil</i> , 2011, 343, 195-208.	3.7	26