Ying Ge

List of Publications by Year
in descending order

35 papers	1,057 citations	430874 18 h-index	414414 32 g-index
38 all docs	38 docs citations	38 times ranked	1217 citing authors

#	Article	IF	Citations
1	Effects of algalâ€“bacterial ratio on the growth and cadmium accumulation of <i>Chlorella salinaâ€“Bacillus subtilis</i> consortia. Journal of Basic Microbiology, 2022, 62, 518-529.	3.3	7
2	Contributions of polysaccharides to arsenate resistance in Chlamydomonas reinhardtii. Ecotoxicology and Environmental Safety, 2022, 229, 113091.	6.0	12
3	Physiological and proteomic responses of Chlamydomonas reinhardtii to arsenate and lead mixtures. Ecotoxicology and Environmental Safety, 2022, 242, 113856.	6.0	3
4	Cadmium Bioavailability and Accumulation in Rice Grain are Controlled by pH and Ca in Paddy Soils with High Geological Background of Transportation and Deposition. Bulletin of Environmental Contamination and Toxicology, 2021, 106, 92-98.	2.7	8
5	Transmission Electron Microscopy Analysis on Microbial Ultrathin Sections Prepared by the Ultra-Low Lead Staining Technique. Microscopy and Microanalysis, 2021, 27, 1265-1272.	0.4	4
6	Contrasting detoxification mechanisms of Chlamydomonas reinhardtii under Cd and Pb stress. Chemosphere, 2021, 274, 129771.	8.2	49
7	Sorption and transformation of arsenic by extracellular polymeric substances extracted from Synechocystis sp. PCC6803. Ecotoxicology and Environmental Safety, 2020, 206, 111200.	6.0	22
8	Arsenite Oxidation by Dunaliella salina is Affected by External Phosphate Concentration. Bulletin of Environmental Contamination and Toxicology, 2020, 105, 868-873.	2.7	5
9	Extracellular polymeric substances alter cell surface properties, toxicity, and accumulation of arsenic in Synechocystis PCC6803. Environmental Pollution, 2020, 261, 114233.	7.5	30
10	Adequate supply of sulfur simultaneously enhances iron uptake and reduces cadmium accumulation in rice grown in hydroponic culture. Environmental Pollution, 2020, 262, 114327.	7.5	21
11	Microalgal extracellular polymeric substances and their interactions with metal(loid)s: A review. Critical Reviews in Environmental Science and Technology, 2019, 49, 1769-1802.	12.8	102
12	Simple, Rapid, and Sensitive Determination of Thiols by Liquid Chromatography with Fluorescence Detection. Analytical Letters, 2019, 52, 1487-1499.	1.8	2
13	Microalgae and their effects on metal bioavailability in paddy fields. Journal of Soils and Sediments, 2018, 18, 936-945.	3.0	6
14	Soil microalgae modulate grain arsenic accumulation by reducing dimethylarsinic acid and enhancing nutrient uptake in rice (Oryza sativa L.). Plant and Soil, 2018, 430, 99-111.	3.7	15
15	Phytochelatin synthesis in Dunaliella salina induced by arsenite and arsenate under various phosphate regimes. Ecotoxicology and Environmental Safety, 2017, 136, 150-160.	6.0	32
16	Bioaccumulation kinetics of arsenite and arsenate in Dunaliella salina under different phosphate regimes. Environmental Science and Pollution Research, 2017, 24, 21213-21221.	5.3	34
17	Arsenate toxicity and metabolism in the halotolerant microalga Dunaliella salina under various phosphate regimes. Environmental Sciences: Processes and Impacts, 2016, 18, 735-743.	3.5	14
18	A symbiotic bacterium differentially influences arsenate absorption and transformation in Dunaliella salina under different phosphate regimes. Journal of Hazardous Materials, 2016, 318, 443-451.	12.4	34

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19	Quantitative proteomic analysis of Dunaliella salina upon acute arsenate exposure. Chemosphere, 2016, 145, 112-118.	8.2	31
20	Effects of sulfur supply and hydrogen peroxide pretreatment on the responses by rice under cadmium stress. Plant Growth Regulation, 2015, 77, 299-306.	3.4	19
21	Do soil Fe transformation and secretion of low-molecular-weight organic acids affect the availability of Cd to rice?. Environmental Science and Pollution Research, 2015, 22, 19497-19506.	5.3	9
22	Review of arsenic speciation, toxicity and metabolism in microalgae. Reviews in Environmental Science and Biotechnology, 2015, 14, 427-451.	8.1	142
23	Nonâ€protein thiols and glutathione Sâ€transferase alleviate Cd stress and reduce rootâ€toâ€shoot translocation of Cd in rice. Journal of Plant Nutrition and Soil Science, 2013, 176, 626-633.	1.9	45
24	Separation and quantification of cysteine, glutathione and phytochelatins in rice (Oryza sativa L.) upon cadmium exposure using reverse phase ultra performance liquid chromatography (RP-UPLC) with fluorescence detection. Analytical Methods, 2013, 5, 6147.	2.7	11
25	Purification and Identification of Glutathione S-transferase in Rice Root under Cadmium Stress. Rice Science, 2013, 20, 173-178.	3.9	12
26	Effects of pH, Fe, and Cd on the uptake of Fe2+ and Cd2+ by rice. Environmental Science and Pollution Research, 2013, 20, 8947-8954.	5.3	30
27	Iron oxidation-reduction and its impacts on cadmium bioavailability in paddy soils: a review. Frontiers of Environmental Science and Engineering, 2012, 6, 509-517.	6.0	105
28	Effect of H2O2 Pretreatment on Cd Tolerance of Different Rice Cultivars. Rice Science, 2011, 18, 29-35.	3.9	29
29	Mechanisms for high Cd activity in a red soil from southern China undergoing gradual reduction. Soil Research, 2010, 48, 371.	1.1	14
30	Cadmium toxicity and translocation in rice seedlings are reduced by hydrogen peroxide pretreatment. Plant Growth Regulation, 2009, 59, 51-61.	3.4	102
31	Determination of speciation and bioavailability of Cd in soil solution using a modified soil column Donnan membrane technique. Chemical Speciation and Bioavailability, 2009, 21, 7-13.	2.0	2
32	Response of Glutathione and Glutathione S-transferase in Rice Seedlings Exposed to Cadmium Stress. Rice Science, 2008, 15, 73-76.	3.9	57
33	Modeling Sorption of Cd, Hg and Pb in Soils by the NICA-Donnan Model. Soil and Sediment Contamination, 2005, 14, 53-69.	1.9	25
34	Complete Chemical and Enzymatic Treatment of Phosphorylated and Glycosylated Proteins on ProteinChip Arrays. Analytical Chemistry, 2005, 77, 3644-3650.	6.5	12
35	Evaluation of Soil Surface Charge Using the Backâ€Titration Technique. Soil Science Society of America Journal, 2004, 68, 82-88.	2.2	11