

Ping Zhuang

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,797
citations

257101

24
h-index

288905

40
g-index

41
all docs

41
docs citations

41
times ranked

3196
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint approaches to reduce cadmium exposure risk from rice consumption. <i>Journal of Hazardous Materials</i> , 2022, 429, 128263.	6.5	15
2	Immobilization of Cadmium by Molecular Sieve and Wollastonite Is Soil pH and Organic Matter Dependent. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5128.	1.2	3
3	Purification Efficiency of Three Combinations of Native Aquatic Macrophytes in Artificial Wastewater in Autumn. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6162.	1.2	4
4	Effects of plant growth regulator and chelating agent on the phytoextraction of heavy metals by <i>Pfaffia glomerata</i> and on the soil microbial community. <i>Environmental Pollution</i> , 2021, 283, 117159.	3.7	35
5	Phytoremediation of cadmium contaminated soils by <i>Amaranthus Hypochondriacus</i> L.: The effects of soil properties highlighting cation exchange capacity. <i>Chemosphere</i> , 2021, 283, 131067.	4.2	49
6	Exogenous plant growth regulators improved phytoextraction efficiency by <i>Amaranthus hypochondriacus</i> L. in cadmium contaminated soil. <i>Plant Growth Regulation</i> , 2020, 90, 29-40.	1.8	35
7	Use of Dietary Components to Reduce the Bioaccessibility and Bioavailability of Cadmium in Rice. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4166-4175.	2.4	20
8	Bioavailability and bioaccessibility of cadmium in contaminated rice by in vivo and in vitro bioassays. <i>Science of the Total Environment</i> , 2020, 719, 137453.	3.9	29
9	Evaluation of phytoremediation potential of five Cd (hyper)accumulators in two Cd contaminated soils. <i>Science of the Total Environment</i> , 2020, 721, 137581.	3.9	88
10	Assessment of the Nutrient Removal Potential of Floating Native and Exotic Aquatic Macrophytes Cultured in Swine Manure Wastewater. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1103.	1.2	13
11	Phosphate addition diminishes the efficacy of wollastonite in decreasing Cd uptake by rice (<i>Oryza</i>) Tj ETQq1 1 0.784314 rgBT /Overlook 3.9 44	3.9	44
12	In Vitro and In Vivo Testing to Determine Cd Bioaccessibility and Bioavailability in Contaminated Rice in Relation to Mouse Chow. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 871.	1.2	9
13	Removal of Total Nitrogen and Phosphorus Using Single or Combinations of Aquatic Plants. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4663.	1.2	36
14	Heavy metal availability, bioaccessibility, and leachability in contaminated soil: effects of pig manure and earthworms. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20030-20039.	2.7	33
15	Phytoextraction of 55-year-old wastewater-irrigated soil in a Zn&Pb mine district: effect of plant species and chelators. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 2138-2150.	1.2	17
16	Dietary strategies to reduce the oral bioaccessibility of cadmium and arsenic in rice. <i>Environmental Science and Pollution Research</i> , 2018, 25, 33353-33360.	2.7	8
17	Oral Bioaccessibility and Exposure Risk of Metal(loid)s in Local Residents Near a Mining-Impacted Area, Hunan, China. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1573.	1.2	13
18	Influences of calcium silicate on chemical forms and subcellular distribution of cadmium in <i>Amaranthus hypochondriacus</i> L.. <i>Scientific Reports</i> , 2017, 7, 40583.	1.6	42

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19	Assessment of influences of cooking on cadmium and arsenic bioaccessibility in rice, using an in vitro physiologically-based extraction test. <i>Food Chemistry</i> , 2016, 213, 206-214.	4.2	115
20	Oral bioaccessibility and human exposure assessment of cadmium and lead in market vegetables in the Pearl River Delta, South China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 24402-24410.	2.7	23
21	Distribution and fractionation of cadmium in soil aggregates affected by earthworms (<i>Eisenia fetida</i>) and manure compost. <i>Journal of Soils and Sediments</i> , 2016, 16, 2286-2295.	1.5	13
22	Synergistic improvement of crop physiological status by combination of cadmium immobilization and micronutrient fertilization. <i>Environmental Science and Pollution Research</i> , 2016, 23, 6661-6670.	2.7	11
23	Multiple Exposure and Effects Assessment of Heavy Metals in the Population near Mining Area in South China. <i>PLoS ONE</i> , 2014, 9, e94484.	1.1	112
24	Contrasting effects of silicates on cadmium uptake by three dicotyledonous crops grown in contaminated soil. <i>Environmental Science and Pollution Research</i> , 2014, 21, 9921-9930.	2.7	34
25	Accumulation and detoxification of cadmium by larvae of <i>Prodenia litura</i> (Lepidoptera: Noctuidae) feeding on Cd-enriched amaranth leaves. <i>Chemosphere</i> , 2013, 91, 28-34.	4.2	47
26	Purification of contaminated paddy fields by clean water irrigation over two decades. <i>Environmental Geochemistry and Health</i> , 2013, 35, 657-666.	1.8	5
27	Heavy Metal Contamination in Soil and Soybean near the Dabaoshan Mine, South China. <i>Pedosphere</i> , 2013, 23, 298-304.	2.1	82
28	Extractability and bioavailability of Pb and As in historically contaminated orchard soil: Effects of compost amendments. <i>Environmental Pollution</i> , 2013, 177, 90-97.	3.7	95
29	Health risk assessment for consumption of fish originating from ponds near Dabaoshan mine, South China. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5844-5854.	2.7	71
30	Agricultural Technologies for Enhancing the Phytoremediation of Cadmium-Contaminated Soil by <i>Amaranthus hypochondriacus</i> L.. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	30
31	Changes During a Century in Trace Element and Macronutrient Concentrations of an Agricultural Soil. <i>Soil Science</i> , 2013, 178, 105-108.	0.9	8
32	Effects of fertiliser and intercropping on cadmium uptake by maize. <i>Chemistry and Ecology</i> , 2013, 29, 489-500.	0.6	14
33	Cadmium accumulation in maize monoculture and intercropping with six legume species. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2013, 63, 376-382.	0.3	1
34	Effect of Fertilizers on Cd Uptake of <i>Amaranthus hypochondriacus</i> , a High Biomass, Fast Growing and Easily Cultivated Potential Cd Hyperaccumulator. <i>International Journal of Phytoremediation</i> , 2012, 14, 162-173.	1.7	71
35	Lime and Phosphate Could Reduce Cadmium Uptake by Five Vegetables Commonly Grown in South China. <i>Pedosphere</i> , 2011, 21, 223-229.	2.1	38
36	Identification of a new potential Cd-hyperaccumulator <i>Solanum photeinocarpum</i> by soil seed bank-metal concentration gradient method. <i>Journal of Hazardous Materials</i> , 2011, 189, 414-419.	6.5	132

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37	Potential of four forage grasses in remediation of Cd and Zn contaminated soils. <i>Bioresource Technology</i> , 2010, 101, 2063-2066.	4.8	190
38	Health risk from heavy metals via consumption of food crops in the vicinity of Dabaoshan mine, South China. <i>Science of the Total Environment</i> , 2009, 407, 1551-1561.	3.9	957
39	Biotransfer of heavy metals along a soil-plant-insect-chicken food chain: Field study. <i>Journal of Environmental Sciences</i> , 2009, 21, 849-853.	3.2	156
40	Removal of metals by sorghum plants from contaminated land. <i>Journal of Environmental Sciences</i> , 2009, 21, 1432-1437.	3.2	99