

Jie

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

786
citations

17
h-index

27
g-index

46
ext. papers

1,128
ext. citations

7.4
avg, IF

4.47
L-index

#	Paper	IF	Citations
42	Characteristics of cadmium translocation and isotope fractionation in <i>Ricinus communis</i> seedlings: Effects from split/cut-root and limited nutrients.. <i>Science of the Total Environment</i> , 2022 , 819, 152493	10.2	0
41	NOM-mineral interaction: Significance for speciation of cations and anions.. <i>Science of the Total Environment</i> , 2022 , 820, 153259	10.2	1
40	Aridity influences root versus shoot contributions to steppe grassland soil carbon stock and its stability. <i>Geoderma</i> , 2022 , 413, 115744	6.7	0
39	Effects of selected functional groups on nanoplastics transport in saturated media under diethylhexyl phthalate co-contamination conditions. <i>Chemosphere</i> , 2022 , 286, 131965	8.4	5
38	Cadmium isotope constraints on heavy metal sources in a riverine system impacted by multiple anthropogenic activities. <i>Science of the Total Environment</i> , 2021 , 750, 141233	10.2	5
37	Watering techniques and zero-valent iron biochar pH effects on As and Cd concentrations in rice rhizosphere soils, tissues and yield. <i>Journal of Environmental Sciences</i> , 2021 , 100, 144-157	6.4	12
36	Source Identification of Heavy Metals in Surface Paddy Soils Using Accumulated Elemental Ratios Coupled with MLR. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	5
35	Enhanced adsorption of polystyrene nanoplastics (PSNPs) onto oxidized corncob biochar with high pyrolysis temperature. <i>Science of the Total Environment</i> , 2021 , 784, 147115	10.2	14
34	Phosphorus transport in different soil types and the contribution of control factors to phosphorus retardation. <i>Chemosphere</i> , 2021 , 276, 130012	8.4	6
33	Effect of calcium and iron-enriched biochar on arsenic and cadmium accumulation from soil to rice paddy tissues. <i>Science of the Total Environment</i> , 2021 , 785, 147163	10.2	17
32	Comparison of the effects of large-grained and nano-sized biochar, ferrihydrite, and complexes thereof on Cd and As in a contaminated soil-plant system. <i>Chemosphere</i> , 2021 , 280, 130731	8.4	2
31	Competitive adsorption of Dibutyl phthalate (DBP) and Di(2-ethylhexyl) phthalate (DEHP) onto fresh and oxidized corncob biochar. <i>Chemosphere</i> , 2021 , 280, 130639	8.4	4
30	Arsenic and cadmium load in rice tissues cultivated in calcium enriched biochar amended paddy soil. <i>Chemosphere</i> , 2021 , 283, 131102	8.4	3
29	Redox-dependent effects of phosphate on arsenic speciation in paddy soils. <i>Environmental Pollution</i> , 2020 , 264, 114783	9.3	6
28	Immobilization and release risk of arsenic associated with partitioning and reactivity of iron oxide minerals in paddy soils. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 36377-36390	5.1	4
27	Influence of agricultural organic inputs and their aging on the transport of ferrihydrite nanoparticles: From enhancement to inhibition. <i>Science of the Total Environment</i> , 2020 , 719, 137440	10.2	11
26	Characterizing Soil Dissolved Organic Matter in Typical Soils from China Using Fluorescence EEMPARAFAC and UV-Visible Absorption. <i>Aquatic Geochemistry</i> , 2020 , 26, 71-88	1.7	12

25	Hetero-aggregation of goethite and ferrihydrite nanoparticles controlled by goethite nanoparticles with elongated morphology. <i>Science of the Total Environment</i> , 2020 , 748, 141536	10.2	4
24	Sedimentation and Transport of Different Soil Colloids: Effects of Goethite and Humic Acid. <i>Water (Switzerland)</i> , 2020 , 12, 980	3	7
23	Cd, Cu, and Zn Accumulations Caused by Long-Term Fertilization in Greenhouse Soils and Their Potential Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	16
22	Fractions and colloidal distribution of arsenic associated with iron oxide minerals in lead-zinc mine-contaminated soils: Comparison of tailings and smelter pollution. <i>Chemosphere</i> , 2019 , 227, 614-623	8.4	23
21	Understanding major NOM properties controlling its interactions with phosphorus and arsenic at goethite-water interface. <i>Water Research</i> , 2019 , 157, 372-380	12.5	21
20	Using chromatographic and spectroscopic parameters to characterize preference and kinetics in the adsorption of humic and fulvic acid to goethite. <i>Science of the Total Environment</i> , 2019 , 666, 766-777	10.2	7
19	Enhanced cadmium immobilization in saturated media by gradual stabilization of goethite in the presence of humic acid with increasing pH. <i>Science of the Total Environment</i> , 2019 , 648, 358-366	10.2	23
18	Effects of iron, calcium, and organic matter on phosphorus behavior in fluvo-aquic soil: farmland investigation and aging experiments. <i>Journal of Soils and Sediments</i> , 2019 , 19, 3994-4004	3.4	6
17	Comparisons of heavy metal input inventory in agricultural soils in North and South China: A review. <i>Science of the Total Environment</i> , 2019 , 660, 776-786	10.2	85
16	Influence of calcium and phosphate on pH dependency of arsenite and arsenate adsorption to goethite. <i>Chemosphere</i> , 2018 , 199, 617-624	8.4	40
15	Enhanced transport of ferrihydrite colloid by chain-shaped humic acid colloid in saturated porous media. <i>Science of the Total Environment</i> , 2018 , 621, 1581-1590	10.2	39
14	Remediation of Arsenic contaminated soil using malposed intercropping of <i>Pteris vittata</i> L. and maize. <i>Chemosphere</i> , 2018 , 194, 737-744	8.4	40
13	Distinct effect of humic acid on ferrihydrite colloid-facilitated transport of arsenic in saturated media at different pH. <i>Chemosphere</i> , 2018 , 212, 794-801	8.4	31
12	Migration and transformation of arsenic: Contamination control and remediation in realgar mining areas. <i>Applied Geochemistry</i> , 2017 , 77, 44-51	3.5	33
11	Disparity of Adsorbed Arsenic Species and Fractions on the Soil and Soil Colloids. <i>Procedia Earth and Planetary Science</i> , 2017 , 17, 642-645		4
10	Micro-distribution of arsenic species in tissues of hyperaccumulator <i>Pteris vittata</i> L. <i>Chemosphere</i> , 2017 , 166, 389-399	8.4	11
9	Comparison of chelates for enhancing <i>Ricinus communis</i> L. phytoremediation of Cd and Pb contaminated soil. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 133, 57-62	7	54
8	Fractionation of Stable Cadmium Isotopes in the Cadmium Tolerant <i>Ricinus communis</i> and Hyperaccumulator <i>Solanum nigrum</i> . <i>Scientific Reports</i> , 2016 , 6, 24309	4.9	30

7	Stimulation of Fe(II) Oxidation, Biogenic Lepidocrocite Formation, and Arsenic Immobilization by <i>Pseudogulbenkiania</i> Sp. Strain 2002. <i>Environmental Science & Technology</i> , 2016 , 50, 6449-58	10.3	48
6	Reduction, methylation, and translocation of arsenic in <i>Panax notoginseng</i> grown under field conditions in arsenic-contaminated soils. <i>Science of the Total Environment</i> , 2016 , 550, 893-899	10.2	20
5	Blocking effect of colloids on arsenate adsorption during co-transport through saturated sand columns. <i>Environmental Pollution</i> , 2016 , 213, 638-647	9.3	40
4	An analytical method for precise determination of the cadmium isotopic composition in plant samples using multiple collector inductively coupled plasma mass spectrometry. <i>Analytical Methods</i> , 2015 , 7, 2479-2487	3.2	23
3	Arsenic Adsorption and its Fractions on Aquifer Sediment: Effect of pH, Arsenic Species, and Iron/Manganese Minerals. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	36
2	Effect of Fluoride on Arsenic Uptake from Arsenic-Contaminated Groundwater using <i>Pteris vittata</i> L. <i>International Journal of Phytoremediation</i> , 2015 , 17, 355-62	3.9	7
1	Cadmium accumulation and tolerance of two castor cultivars in relation to antioxidant systems. <i>Journal of Environmental Sciences</i> , 2014 , 26, 2048-55	6.4	30