Zhibin Zhang

List of Publications by Year
in descending order

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32	613	840776 11	610901 24
papers	citations	h-index	g-index

32	32	32	555
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Contrasting effect of lanthanum hydroxide and lanthanum carbonate treatments on phosphorus mobilization in sediment. Chemical Engineering Journal, 2022, 427, 132021.	12.7	38
2	Evaluation of single and joint toxicity of perfluorooctanoic acid and arsenite to earthworm (Eisenia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	8.2	9
3	Evolution Law and Mechanism of Freezeâ€“Thaw Damage of Cement-Stabilized Weathered Sand. Coatings, 2022, 12, 272.	2.6	2
4	The Engineering Properties and Microscopic Characteristics of High-Liquid-Limit Soil Improved with Lignin. Coatings, 2022, 12, 268.	2.6	6
5	Immobilization of lead, copper, cadmium, nickel, and zinc in sediment by red mud: adsorption characteristics, mechanism, and effect of dosage on immobilization efficiency. Environmental Science and Pollution Research, 2022, 29, 51793-51814.	5.3	8
6	Effect of application mode (capping and amendment) on the control of cadmium release from sediment by apatite/calcite mixture and its phosphorus release risk. Environmental Science and Pollution Research, 2022, , 1.	5.3	1
7	Interception of sedimentary phosphorus release by iron-modified calcite capping. Journal of Soils and Sediments, 2021, 21, 641-657.	3.0	6
8	Optimization of iron removal in water by nanobubbles using response surface methodology. Water Science and Technology: Water Supply, 2021, 21, 1608-1617.	2.1	2
9	Effectiveness and mechanism of aluminum/iron co-modified calcite capping and amendment for controlling phosphorus release from sediments. Journal of Environmental Management, 2021, 298, 113471.	7.8	14
10	Study on immobilization of diatomite, Ca(H2PO4)2, CaCO3, HAP and nano-HAP for heavy metal contaminated sediment. Water Quality Research Journal of Canada, 2020, 55, 370-381.	2.7	3
11	Fabrication of Ceramsite Adsorbent from Industrial Wastes for the Removal of Phosphorus from Aqueous Solutions. Journal of Chemistry, 2020, 2020, 1-13.	1.9	12
12	Synthesis and evaluation of zirconia/magnetite/zeolite composite for controlling phosphorus release from sediment: A laboratory study. Ecological Engineering, 2020, 151, 105874.	3.6	7
13	Recycling spent lithium-ion battery as adsorbents to remove aqueous heavy metals: Adsorption kinetics, isotherms, and regeneration assessment. Resources, Conservation and Recycling, 2020, 156, 104688.	10.8	79
14	Effect of zirconium-modified zeolite addition on phosphorus mobilization in sediments. Science of the Total Environment, 2019, 646, 144-157.	8.0	52
15	Magnetite-modified activated carbon based capping and mixing technology for sedimentary phosphorus release control. Journal of Environmental Management, 2019, 248, 109287.	7.8	22
16	Immobilization of Copper from Aqueous Solution and Contaminated Sediment Using Modified Clinoptilolite. Water, Air, and Soil Pollution, 2019, 230, 1.	2.4	4
17	Immobilization of mobile and bioavailable phosphorus in sediments using lanthanum hydroxide and magnetite/lanthanum hydroxide composite as amendments. Science of the Total Environment, 2019, 687, 232-243.	8.0	32
18	In situ immobilization of heavy metals in contaminated sediments by composite additives of hydroxyapatite and oxides. Environmental Earth Sciences, 2019, 78, 1.	2.7	9

#	Article	IF	Citations
19	Colloidal Properties of Air, Oxygen, and Nitrogen Nanobubbles in Water: Effects of Ionic Strength, Natural Organic Matters, and Surfactants. Environmental Engineering Science, 2018, 35, 720-727.	1.6	60
20	Generation of nanobubbles by ceramic membrane filters: The dependence of bubble size and zeta potential on surface coating, pore size and injected gas pressure. Chemosphere, 2018, 203, 327-335.	8.2	88
21	pH Effect on Heavy Metal Release from a Polluted Sediment. Journal of Chemistry, 2018, 2018, 1-7.	1.9	77
22	Autohydrogenotrophic Denitrification Using the Membrane Biofilm Reactor for Removing Nitrate from High Sulfate Concentration of Water. Archaea, 2018, 2018, 1-7.	2.3	2
23	Coagulation behavior and floc characteristics of a novel composite poly-ferric aluminum chlorideâ€“polydimethyl diallylammonium chloride coagulant with different OH/(Fe3+ + Al3+) molar ratios. Water Science and Technology, 2016, 74, 1636-1643.	2.5	5
24	Arsenic Speciation by Sequential Extraction from As-Fe Precipitates Formed Under Different Coagulation Conditions. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	8
25	Characterization of Citric Acid-Modified Clam Shells and Application for Aqueous Lead (II) Removal. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	7
26	Phosphorus Fractions and Phosphorus Adsorption Characteristics of Soils from the Water-Level Fluctuating Zone of Nansi Lake, China. Polish Journal of Environmental Studies, 2016, 25, 865-872.	1.2	6
27	Actual Application of a H2-Based Polyvinyl Chloride Hollow Fiber Membrane Biofilm Reactor to Remove Nitrate from Groundwater. Journal of Chemistry, 2015, 2015, 1-7.	1.9	2
28	Phosphorus, organic matter and nitrogen distribution characteristics of the surface sediments in Nansi Lake, China. Environmental Earth Sciences, 2015, 73, 5669-5675.	2.7	38
29	Decolorization of dyeing wastewater and characterization of flocs during coagulation by a new composite coagulant. Water Science and Technology, 2015, 72, 187-193.	2.5	4
30	Kinetic and thermodynamic analysis of adsorption of arsenic (III) with waste crab shells. Journal of Water Supply: Research and Technology - AQUA, 2014, 63, 642-649.	1.4	3
31	Effect of Ferric Chloride on the Properties of Biological Sludge in Co-precipitation Phosphorus Removal Process. Chinese Journal of Chemical Engineering, 2013, 21, 564-568.	3.5	7
32	Scenario optimization of water supplement and outflow management in the Yilong Lake based on the EFDC model. Hydrology Research, 0, , .	2.7	0