

Shiyang Li

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

406
citations

686830

13
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752256

20
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21
all docs

21
docs citations

21
times ranked

449
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorus pollution control using waste-based adsorbents: Material synthesis, modification, and sustainability. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 2023-2059.	6.6	16
2	Efficacy of heated tourmaline in reducing biomass clogging within woodchip bioreactors. <i>Science of the Total Environment</i> , 2021, 755, 142401.	3.9	6
3	PDA-PEI copolymerized highly hydrophobic sponge for oil-in-water emulsion separation via oil adsorption and water filtration. <i>Surface and Coatings Technology</i> , 2021, 406, 126743.	2.2	35
4	Coupling magnetic particles with flocculants to enhance demulsification and separation of waste cutting emulsion for engineering applications. <i>Journal of Environmental Sciences</i> , 2021, 105, 173-183.	3.2	13
5	Research progress in solid carbon source-based denitrification technologies for different target water bodies. <i>Science of the Total Environment</i> , 2021, 782, 146669.	3.9	37
6	PVA/PEI crosslinked electrospun nanofibers with embedded La(OH) ₃ nanorod for selective adsorption of high flux low concentration phosphorus. <i>Journal of Hazardous Materials</i> , 2020, 384, 121457.	6.5	45
7	Effect and mechanism of graphene structured palladized zero-valent iron nanocomposite (nZVI-Pd/NG) for water denitration. <i>Scientific Reports</i> , 2020, 10, 9931.	1.6	10
8	Green synthesis of ultrapure La(OH) ₃ nanoparticles by one-step method through spark ablation and electrospinning and its application to phosphate removal. <i>Chemical Engineering Journal</i> , 2020, 388, 124373.	6.6	25
9	Relative performance of different data mining techniques for nitrate concentration and load estimation in different type of watersheds. <i>Environmental Pollution</i> , 2020, 263, 114618.	3.7	8
10	The effects of biochar and dredged sediments on soil structure and fertility promote the growth, photosynthetic and rhizosphere microbial diversity of <i>Phragmites communis</i> (Cav.) Trin. ex Steud. <i>Science of the Total Environment</i> , 2019, 697, 134073.	3.9	29
11	Utilization of coal fly and bottom ash pellet for phosphorus adsorption: Sustainable management and evaluation. <i>Resources, Conservation and Recycling</i> , 2019, 149, 372-380.	5.3	60
12	Functional magnetic nanoparticles for enhancing ultrafiltration of waste cutting emulsions by significantly increasing flux and reducing membrane fouling. <i>Journal of Membrane Science</i> , 2019, 573, 73-84.	4.1	21
13	Evaluation of fly ash pellets for phosphorus removal in a laboratory scale denitrifying bioreactor. <i>Journal of Environmental Management</i> , 2018, 207, 269-275.	3.8	18
14	Characterization of fly ash ceramic pellet for phosphorus removal. <i>Journal of Environmental Management</i> , 2017, 189, 67-74.	3.8	28
15	Assessment of Surface Inlets Performance on Sediment Transport to Subsurface Drainage System. <i>Applied Engineering in Agriculture</i> , 2017, 33, 217-224.	0.3	3
16	Assessment of water quality in Little Vermillion River watershed using principal component and nearest neighbor analyses. <i>Water Science and Technology: Water Supply</i> , 2015, 15, 327-338.	1.0	3
17	Response of Arbuscular Mycorrhizal Fungi to Hydrologic Gradients in the Rhizosphere of <i>Phragmites australis</i> (Cav.) Trin. ex. Steudel Growing in the Sun Island Wetland. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	7
18	Can arbuscular mycorrhiza and fertilizer management reduce phosphorus runoff from paddy fields?. <i>Journal of Environmental Sciences</i> , 2015, 33, 211-218.	3.2	18

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19	Characterization of the Microbial Community in the Rhizosphere of <i>Phragmites australis</i> (Cav.) Trin ex. Steudel Growing in the Sun Island Wetland. Water Environment Research, 2014, 86, 258-268.	1.3	6
20	Effects of Arbuscular mycorrhizal fungi (AMF) on the growth of wheat. Acta Ecologica Sinica, 2014, 34, .	0.0	0
21	Effects of vegetative-periodic-induced rhizosphere variation on the uptake and translocation of metals in <i>Phragmites australis</i> (Cav.) Trin ex. Steudel growing in the Sun Island Wetland. Ecotoxicology, 2013, 22, 608-618.	1.1	18