

Ying-heng Fei

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

576
citations

758635

12
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610482

24
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25
all docs

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docs citations

25
times ranked

587
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors influencing heavy metal availability and risk assessment of soils at typical metal mines in Eastern China. <i>Journal of Hazardous Materials</i> , 2020, 400, 123289.	6.5	176
2	Feasibility of sewage sludge derived hydrochars for agricultural application: Nutrients (N, P, K) and potentially toxic elements (Zn, Cu, Pb, Ni, Cd). <i>Chemosphere</i> , 2019, 236, 124841.	4.2	69
3	Soluble protein and acid phosphatase exuded by ectomycorrhizal fungi and seedlings in response to excessive Cu and Cd. <i>Journal of Environmental Sciences</i> , 2009, 21, 1667-1672.	3.2	38
4	Phosphorous Retention and Release by Sludge-Derived Hydrochar for Potential Use as a Soil Amendment. <i>Journal of Environmental Quality</i> , 2019, 48, 502-509.	1.0	38
5	Cadmium accumulation in edible flowering cabbages in the Pearl River Delta, China: Critical soil factors and enrichment models. <i>Environmental Pollution</i> , 2018, 233, 880-888.	3.7	35
6	Organic diagenesis in sediment and its impact on the adsorption of bisphenol A and nonylphenol onto marine sediment. <i>Marine Pollution Bulletin</i> , 2011, 63, 578-582.	2.3	33
7	The pH-sensitive sorption governed reduction of Cr(VI) by sludge derived biochar and the accelerating effect of organic acids. <i>Journal of Hazardous Materials</i> , 2022, 423, 127205.	6.5	20
8	Indicator species drive the key ecological functions of microbiota in a river impacted by acid mine drainage generated by rare earth elements mining in South China. <i>Environmental Microbiology</i> , 2022, 24, 919-937.	1.8	18
9	Genome- and community-level interaction insights into the ecological role of archaea in rare earth element mine drainage in South China. <i>Water Research</i> , 2021, 201, 117331.	5.3	18
10	Anoxic oxidation of As(III) during Fe(II)-induced goethite recrystallization: Evidence and importance of Fe(IV) intermediate. <i>Journal of Hazardous Materials</i> , 2022, 421, 126806.	6.5	18
11	Reclamation with organic amendments and plants remodels the diversity and structure of bacterial community in ion-adsorption rare earth element mine tailings. <i>Journal of Soils and Sediments</i> , 2020, 20, 3669-3680.	1.5	14
12	Aqueous Fe(II)-Induced Phase Transformation of Ferrihydrite Coupled Adsorption/Immobilization of Rare Earth Elements. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 357.	0.8	13
13	Ectomycorrhizal Fungus-Induced Changes of Cu and Cd Speciation in the Rhizosphere of Chinese Pine Seedlings. <i>Pedosphere</i> , 2008, 18, 758-765.	2.1	12
14	Adsorption and desorption behaviors of selected endocrine disrupting chemicals in simulated gastrointestinal fluids. <i>Marine Pollution Bulletin</i> , 2014, 85, 363-369.	2.3	11
15	Changes in the adsorption of bisphenol A, 17 β -ethinyl estradiol, and phenanthrene on marine sediment in Hong Kong in relation to the simulated sediment organic matter decomposition. <i>Environmental Pollution</i> , 2014, 192, 139-146.	3.7	11
16	Roles of soluble minerals in Cd sorption onto rice straw biochar. <i>Journal of Environmental Sciences</i> , 2022, 113, 64-71.	3.2	9
17	Adsorption of 17 β -ethyl estradiol with the competition of bisphenol A on the marine sediment of Hong Kong. <i>Marine Pollution Bulletin</i> , 2017, 124, 753-759.	2.3	8
18	Combined modification of clay with sulfhydryl and iron: Toxicity alleviation in Cr-contaminated soils for mustard (<i>Brassica juncea</i>) growth. <i>Journal of Geochemical Exploration</i> , 2017, 176, 2-8.	1.5	8

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19	Facet-specific reactivity of hematite nanocrystals during Fe(II)-catalyzed recrystallization. <i>Chemical Geology</i> , 2021, 583, 120460.	1.4	8
20	Adsorption of tetracyclines on marine sediment during organic matter diagenesis. <i>Water Science and Technology</i> , 2013, 67, 2616-2621.	1.2	6
21	Insight into adsorption process and mechanisms of Cr(III) using carboxymethyl cellulose- <i>g</i> -poly(acrylic acid- <i>co</i> -acrylamide)/attapulgite composite hydrogel. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 4173-4187.	1.2	5
22	Biochar Addition Enhances Phenanthrene Fixation in Sediment. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 103, 163-168.	1.3	4
23	Spatial Attenuation of Mining/Smelting-Derived Metal Pollution in Sediments From Tributaries of the Upper Han River, China. <i>Mine Water and the Environment</i> , 2019, 38, 410-420.	0.9	3