

# 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  
h-index

610482

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

587  
citing authors

#	ARTICLE	IF	CITATIONS
1	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. Environmental Technology (United Kingdom), 2023, 44, 4173-4187.	1.2	5
2	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. Environmental Microbiology, 2022, 24, 919-937.	1.8	18
3	The pH-sensitive sorption governed reduction of Cr(VI) by sludge derived biochar and the accelerating effect of organic acids. Journal of Hazardous Materials, 2022, 423, 127205.	6.5	20
4	Anoxic oxidation of As(III) during Fe(II)-induced goethite recrystallization: Evidence and importance of Fe(IV) intermediate. Journal of Hazardous Materials, 2022, 421, 126806.	6.5	18
5	Roles of soluble minerals in Cd sorption onto rice straw biochar. Journal of Environmental Sciences, 2022, 113, 64-71.	3.2	9
6	Genome- and community-level interaction insights into the ecological role of archaea in rare earth element mine drainage in South China. Water Research, 2021, 201, 117331.	5.3	18
7	Facet-specific reactivity of hematite nanocrystals during Fe(II)-catalyzed recrystallization. Chemical Geology, 2021, 583, 120460.	1.4	8
8	Reclamation with organic amendments and plants remodels the diversity and structure of bacterial community in ion-adsorption rare earth element mine tailings. Journal of Soils and Sediments, 2020, 20, 3669-3680.	1.5	14
9	Factors influencing heavy metal availability and risk assessment of soils at typical metal mines in Eastern China. Journal of Hazardous Materials, 2020, 400, 123289.	6.5	176
10	Feasibility of sewage sludge derived hydrochars for agricultural application: Nutrients (N, P, K) and potentially toxic elements (Zn, Cu, Pb, Ni, Cd). Chemosphere, 2019, 236, 124841.	4.2	69
11	Phosphorous Retention and Release by Sludge-Derived Hydrochar for Potential Use as a Soil Amendment. Journal of Environmental Quality, 2019, 48, 502-509.	1.0	38
12	Biochar Addition Enhances Phenanthrene Fixation in Sediment. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 163-168.	1.3	4
13	Spatial Attenuation of Mining/Smelting-Derived Metal Pollution in Sediments From Tributaries of the Upper Han River, China. Mine Water and the Environment, 2019, 38, 410-420.	0.9	3
14	Cadmium accumulation in edible flowering cabbages in the Pearl River Delta, China: Critical soil factors and enrichment models. Environmental Pollution, 2018, 233, 880-888.	3.7	35
15	Aqueous Fe(II)-Induced Phase Transformation of Ferrihydrite Coupled Adsorption/Immobilization of Rare Earth Elements. Minerals (Basel, Switzerland), 2018, 8, 357.	0.8	13
16	Adsorption of 17 $\beta$ -ethyl estradiol with the competition of bisphenol A on the marine sediment of Hong Kong. Marine Pollution Bulletin, 2017, 124, 753-759.	2.3	8
17	Combined modification of clay with sulfhydryl and iron: Toxicity alleviation in Cr-contaminated soils for mustard (Brassica juncea) growth. Journal of Geochemical Exploration, 2017, 176, 2-8.	1.5	8
18	Adsorption and desorption behaviors of selected endocrine disrupting chemicals in simulated gastrointestinal fluids. Marine Pollution Bulletin, 2014, 85, 363-369.	2.3	11

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19	Changes in the adsorption of bisphenol A, 17 $\beta$ -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
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	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
22	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
23	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