Feng Jiang

List of Publications by Year
in descending order

27 papers	545 citations	623734 14 h-index	677142 22 g-index
27 all docs	27 docs citations	27 times ranked	598 citing authors

#	Article	IF	Citations
1	Study on the mechanism and kinetics of manganese release from waste manganese ore waste rock under rainfall leaching. Environmental Science and Pollution Research, 2022, 29, 5541-5551.	5.3	10
2	Effects of mining activities on the distribution, controlling factors, and sources of metals in soils from the Xikuangshan South Mine, Hunan Province. Integrated Environmental Assessment and Management, 2022, 18, 748-756.	2.9	18
3	Source identification and groundwater health risk assessment of PTEs in the stormwater runoff in an abandoned mining area. Environmental Geochemistry and Health, 2022, 44, 3555-3570.	3.4	9
4	Biological nutrients removal performance under starvation stress: Efficacy deterioration and recovery. Bioresource Technology, 2022, 351, 126977.	9.6	2
5	Facile synthesis of nanosheet-assembled Î³-Fe2O3 magnetic microspheres and enhanced Sb(III) removal. Environmental Science and Pollution Research, 2021, 28, 19822-19837.	5.3	9
6	A Critical Review of Resistance and Oxidation Mechanisms of Sb-Oxidizing Bacteria for the Bioremediation of Sb(III) Pollution. Frontiers in Microbiology, 2021, 12, 738596.	3.5	30
7	Potentially toxic elements (PTEs) in crops, soil, and water near Xiangtan manganese mine, China: potential risk to health in the foodchain. Environmental Geochemistry and Health, 2020, 42, 1965-1976.	3.4	38
8	Soil from an Abandoned Manganese Mining Area (Hunan, China): Significance of Health Risk from Potentially Toxic Element Pollution and Its Spatial Context. International Journal of Environmental Research and Public Health, 2020, 17, 6554.	2.6	24
9	The adsorption of Mn(II) by insolubilized humic acid. Water Science and Technology, 2020, 82, 747-758.	2.5	7
10	Microbial diversity in soils from antimony mining sites: geochemical control promotes species enrichment. Environmental Chemistry Letters, 2020, 18, 911-922.	16.2	20
11	Enhancing the Removal of Sb (III) from Water: A Fe3O4@HCO Composite Adsorbent Caged in Sodium Alginate Microbeads. Processes, 2020, 8, 44.	2.8	13
12	Efficient Removal of Cd(II) Using SiO2-Mg(OH)2 Nanocomposites Derived from Sepiolite. International Journal of Environmental Research and Public Health, 2020, 17, 2223.	2.6	10
13	Evaluating health risk indicators for PTE exposure in the food chain: evidence from a thallium mine area. Environmental Science and Pollution Research, 2020, 27, 23686-23694.	5.3	24
14	Distribution, source identification, and ecological-health risks of potentially toxic elements (PTEs) in soil of thallium mine area (southwestern Guizhou, China). Environmental Science and Pollution Research, 2019, 26, 16556-16567.	5.3	60
15	Enhanced performance and hindered membrane fouling for the treatment of coal chemical industry wastewater using a novel membrane electro-bioreactor with intermittent direct current. Bioresource Technology, 2019, 271, 332-339.	9.6	48
16	A cationic polymer enhanced PAC for the removal of dissolved aquatic organic carbon and organic nitrogen from surface waters. Canadian Journal of Chemical Engineering, 2019, 97, 955-966.	1.7	5
17	Trace Metal Pollution in Topsoil Surrounding the Xiangtan Manganese Mine Area (South-Central) Tj ETQq1 1 0.784314 rgBT /Overlock International Journal of Environmental Research and Public Health, 2018, 15, 2412.	2.6	27
18	Removal of Mn (II) by Sodium Alginate/Graphene Oxide Composite Double-Network Hydrogel Beads from Aqueous Solutions. Scientific Reports, 2018, 8, 10717.	3.3	47

#	Article	IF	Citations
19	Three-dimensional electro-Fenton oxidation of N-heterocyclic compounds with a novel catalytic particle electrode: high activity, wide pH range andÂcatalytic mechanism. RSC Advances, 2017, 7, 15455-15462.	3.6	38
20	Facile preparation of a novel catalytic particle electrode from sewage sludge and its electrocatalytic performance in three-dimensional heterogeneous electro-Fenton. Water Science and Technology, 2017, 76, 2350-2356.	2.5	5
21	Synthesis, Characterization, and Adsorptive Properties of Fe₃O₄/GO Nanocomposites for Antimony Removal. Journal of Analytical Methods in Chemistry, 2017, 2017, 1-8.	1.6	19
22	Preparation and characterization of iron-copper binary oxide and its effective removal of antimony(III) from aqueous solution. Water Science and Technology, 2016, 74, 393-401.	2.5	11
23	Treatment of antimony mine drainage: challenges and opportunities with special emphasis on mineral adsorption and sulfate reducing bacteria. Water Science and Technology, 2016, 73, 2039-2051.	2.5	26
24	Preparation of iron-copper binary oxide and its effective removal on antimony(V) from water. Desalination and Water Treatment, 2016, 57, 26461-26471.	1.0	6
25	Bioaccumulation of Antimony and Arsenic in Vegetables and Health Risk Assessment in the Superlarge Antimony-Mining Area, China. Journal of Analytical Methods in Chemistry, 2015, 2015, 1-9.	1.6	29
26	Simultaneous Adsorption and Degradation of Cr(VI) and Cd(II) Ions from Aqueous Solution by Silica-Coated Fe⁰Nanoparticles. Journal of Analytical Methods in Chemistry, 2013, 2013, 1-8.	1.6	10
27	Computational Chemistry Study on Photolysis Pathway of Polychlorinated Biphenyls Dissolved in Surfactant Solutions. , 2011, , .		0