

# Feng Jiang

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Distribution, source identification, and ecological-health risks of potentially toxic elements (PTEs) in soil of thallium mine area (southwestern Guizhou, China). <i>Environmental Science and Pollution Research</i> , 2019, 26, 16556-16567.	5.3	60
2	Enhanced performance and hindered membrane fouling for the treatment of coal chemical industry wastewater using a novel membrane electro-bioreactor with intermittent direct current. <i>Bioresource Technology</i> , 2019, 271, 332-339.	9.6	48
3	Removal of Mn (II) by Sodium Alginate/Graphene Oxide Composite Double-Network Hydrogel Beads from Aqueous Solutions. <i>Scientific Reports</i> , 2018, 8, 10717.	3.3	47
4	Three-dimensional electro-Fenton oxidation of N-heterocyclic compounds with a novel catalytic particle electrode: high activity, wide pH range and catalytic mechanism. <i>RSC Advances</i> , 2017, 7, 15455-15462.	3.6	38
5	Potentially toxic elements (PTEs) in crops, soil, and water near Xiangtan manganese mine, China: potential risk to health in the foodchain. <i>Environmental Geochemistry and Health</i> , 2020, 42, 1965-1976.	3.4	38
6	A Critical Review of Resistance and Oxidation Mechanisms of Sb-Oxidizing Bacteria for the Bioremediation of Sb(III) Pollution. <i>Frontiers in Microbiology</i> , 2021, 12, 738596.	3.5	30
7	Bioaccumulation of Antimony and Arsenic in Vegetables and Health Risk Assessment in the Superlarge Antimony-Mining Area, China. <i>Journal of Analytical Methods in Chemistry</i> , 2015, 2015, 1-9.	1.6	29
8	Trace Metal Pollution in Topsoil Surrounding the Xiangtan Manganese Mine Area (South-Central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2412.	2.6	27
9	Treatment of antimony mine drainage: challenges and opportunities with special emphasis on mineral adsorption and sulfate reducing bacteria. <i>Water Science and Technology</i> , 2016, 73, 2039-2051.	2.5	26
10	Soil from an Abandoned Manganese Mining Area (Hunan, China): Significance of Health Risk from Potentially Toxic Element Pollution and Its Spatial Context. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6554.	2.6	24
11	Evaluating health risk indicators for PTE exposure in the food chain: evidence from a thallium mine area. <i>Environmental Science and Pollution Research</i> , 2020, 27, 23686-23694.	5.3	24
12	Microbial diversity in soils from antimony mining sites: geochemical control promotes species enrichment. <i>Environmental Chemistry Letters</i> , 2020, 18, 911-922.	16.2	20
13	Synthesis, Characterization, and Adsorptive Properties of Fe <sub>3</sub> O <sub>4</sub> /GO Nanocomposites for Antimony Removal. <i>Journal of Analytical Methods in Chemistry</i> , 2017, 2017, 1-8.	1.6	19
14	Effects of mining activities on the distribution, controlling factors, and sources of metals in soils from the Xikuangshan South Mine, Hunan Province. <i>Integrated Environmental Assessment and Management</i> , 2022, 18, 748-756.	2.9	18
15	Enhancing the Removal of Sb (III) from Water: A Fe <sub>3</sub> O <sub>4</sub> @HCO Composite Adsorbent Caged in Sodium Alginate Microbeads. <i>Processes</i> , 2020, 8, 44.	2.8	13
16	Preparation and characterization of iron-copper binary oxide and its effective removal of antimony(III) from aqueous solution. <i>Water Science and Technology</i> , 2016, 74, 393-401.	2.5	11
17	Simultaneous Adsorption and Degradation of Cr(VI) and Cd(II) Ions from Aqueous Solution by Silica-Coated Fe <sup>0</sup> Nanoparticles. <i>Journal of Analytical Methods in Chemistry</i> , 2013, 2013, 1-8.	1.6	10
18	Efficient Removal of Cd(II) Using SiO <sub>2</sub> -Mg(OH) <sub>2</sub> Nanocomposites Derived from Sepiolite. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2223.	2.6	10

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19	Study on the mechanism and kinetics of manganese release from waste manganese ore waste rock under rainfall leaching. <i>Environmental Science and Pollution Research</i> , 2022, 29, 5541-5551.	5.3	10
20	Facile synthesis of nanosheet-assembled $\text{Fe}^{3+}$ - $\text{Fe}_2\text{O}_3$ magnetic microspheres and enhanced Sb(III) removal. <i>Environmental Science and Pollution Research</i> , 2021, 28, 19822-19837.	5.3	9
21	Source identification and groundwater health risk assessment of PTEs in the stormwater runoff in an abandoned mining area. <i>Environmental Geochemistry and Health</i> , 2022, 44, 3555-3570.	3.4	9
22	The adsorption of Mn(II) by insolubilized humic acid. <i>Water Science and Technology</i> , 2020, 82, 747-758.	2.5	7
23	Preparation of iron-copper binary oxide and its effective removal on antimony(V) from water. <i>Desalination and Water Treatment</i> , 2016, 57, 26461-26471.	1.0	6
24	Facile preparation of a novel catalytic particle electrode from sewage sludge and its electrocatalytic performance in three-dimensional heterogeneous electro-Fenton. <i>Water Science and Technology</i> , 2017, 76, 2350-2356.	2.5	5
25	A cationic polymer enhanced PAC for the removal of dissolved aquatic organic carbon and organic nitrogen from surface waters. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 955-966.	1.7	5
26	Biological nutrients removal performance under starvation stress: Efficacy deterioration and recovery. <i>Bioresource Technology</i> , 2022, 351, 126977.	9.6	2
27	Computational Chemistry Study on Photolysis Pathway of Polychlorinated Biphenyls Dissolved in Surfactant Solutions. , 2011, , .		0