

# Guangzhu Cao

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

200  
citations

1478505

6  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical investigations of the effect of imbricated gravel structures on flow and solute transport in a highly heterogeneous alluvial-proluvial fan aquifer, SW China. <i>Environmental Fluid Mechanics</i> , 2021, 21, 11-38.	1.6	0
2	Comparative performance of green rusts generated in FeO <sub>2</sub> electrocoagulation for Cd <sup>2+</sup> removal from high salinity wastewater: Mechanisms and optimization. <i>Journal of Environmental Management</i> , 2019, 237, 495-503.	7.8	12
3	Adsorption performance and mechanisms of Pb(II), Cd(II), and Mn(II) removal by a $\beta$ -cyclodextrin derivative. <i>Environmental Science and Pollution Research</i> , 2019, 26, 5094-5110.	5.3	28
4	Effects of source size, monitoring distance and aquifer heterogeneity on contaminant mass discharge and plume spread uncertainty. <i>Environmental Fluid Mechanics</i> , 2018, 18, 465-486.	1.6	3
5	Optimization and assessment of Fe electrocoagulation for the removal of potentially toxic metals from real smelting wastewater. <i>Journal of Environmental Management</i> , 2018, 218, 129-138.	7.8	48
6	Sulfite assisted rotating disc electrocoagulation on cadmium removal: Parameter optimization and response surface methodology. <i>Separation and Purification Technology</i> , 2018, 195, 121-129.	7.9	20
7	Derivation of karst-fracture conduit flow and laboratory studies using a 3-D printer. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	2
8	Simultaneous removal of cadmium, zinc and manganese using electrocoagulation: Influence of operating parameters and electrolyte nature. <i>Journal of Environmental Management</i> , 2017, 204, 394-403.	7.8	54
9	Simultaneous removal of Zn <sup>2+</sup> and Mn <sup>2+</sup> ions from synthetic and real smelting wastewater using electrocoagulation process: Influence of pulse current parameters and anions. <i>Separation and Purification Technology</i> , 2017, 188, 316-328.	7.9	31
10	A method for selecting monitoring wells and measured water-quality characteristics with application to the Liaohe River (China) groundwater system. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	2
11	Comparative performance of aerobic and anaerobic environments on simultaneous removal of Cd <sup>2+</sup> and Mn <sup>2+</sup> by Fe electrocoagulation. , 0, 136, 356-368.		0