

# Jian Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

287  
citations

932766

10  
h-index

1125271

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

205  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct profile of bacterial community and antibiotic resistance genes on microplastics in Ganjiang River at the watershed level. <i>Environmental Research</i> , 2021, 200, 111363.	3.7	48
2	Facile fabrication of oxygen vacancy-rich $\gamma\text{-Fe}_2\text{O}_3$ microspheres on carbon cloth as negative electrode for supercapacitors. <i>Electrochimica Acta</i> , 2020, 338, 135820.	2.6	42
3	Synthesis of polyethyleneimine modified $\text{CoFe}_2\text{O}_4$ -loaded porous biochar for selective adsorption properties towards dyes and exploration of interaction mechanisms. <i>Separation and Purification Technology</i> , 2021, 277, 119474.	3.9	40
4	Adsorption and mechanistic study for humic acid removal by magnetic biochar derived from forestry wastes functionalized with $\text{Mg/Al-LDH}$ . <i>Separation and Purification Technology</i> , 2021, 276, 119296.	3.9	37
5	Hydroxyethyl cellulose hydrogel modified with tannic acid as methylene blue adsorbent. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49880.	1.3	27
6	Synthesis of $\text{Mg/Al-LDH}$ nanoflakes decorated magnetic mesoporous MCM-41 and its application in humic acid adsorption. <i>Microchemical Journal</i> , 2021, 162, 105839.	2.3	20
7	Controllable synthesis of bifunctional corn stalk cellulose as a novel adsorbent for efficient removal of $\text{Cu}^{2+}$ and $\text{Pb}^{2+}$ from wastewater. <i>Carbohydrate Polymers</i> , 2022, 276, 118763.	5.1	14
8	Preparation and characterization of polyacrylate composite and its application in superhydrophobic coating based on silicone-modified $\text{ZnO}$ . <i>Journal of Coatings Technology Research</i> , 2021, 18, 415-433.	1.2	13
9	Polyethyleneimine Modified Magnetic Microcrystalline Cellulose for Effective Removal of Congo Red: Adsorption Properties and Mechanisms. <i>Fibers and Polymers</i> , 2021, 22, 1580-1593.	1.1	13
10	Effective removal of humic acid from aqueous solution using adsorbents prepared from the modified waste bamboo powder. <i>Microchemical Journal</i> , 2020, 153, 104272.	2.3	10
11	Polyethyleneimine-impregnated alkali treated waste bamboo powder for effective dye removal. <i>Water Science and Technology</i> , 2021, 83, 1183-1197.	1.2	10
12	Facile synthesis of polyethyleneimine modified magnetic graphite: An effective adsorbent for the removal of humic acid from aqueous solution. <i>Materials Chemistry and Physics</i> , 2020, 255, 123549.	2.0	8
13	Synthesis and characterization of polyacrylate composite and its application in superhydrophobic coating based on silicone-modified $\text{Al}_2\text{O}_3$ . <i>Polymer Bulletin</i> , 2022, 79, 5279-5303.	1.7	5