

# Zumin Qiu

## List of Publications by Year in descending order

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26  
papers

538  
citations

840119

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h-index

676716

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26  
all docs

26  
docs citations

26  
times ranked

625  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of polyacrylate composite and its application in superhydrophobic coating based on silicone-modified Al <sub>2</sub> O <sub>3</sub> . <i>Polymer Bulletin</i> , 2022, 79, 5279-5303.	1.7	5
2	Synthesis of 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
3	Hydroxyethyl cellulose hydrogel modified with tannic acid as methylene blue adsorbent. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49880.	1.3	27
4	Preparation and characterization of polyacrylate composite and its application in superhydrophobic coating based on silicone-modified ZnO. <i>Journal of Coatings Technology Research</i> , 2021, 18, 415-433.	1.2	13
5	Polyethyleneimine-impregnated alkali treated waste bamboo powder for effective dye removal. <i>Water Science and Technology</i> , 2021, 83, 1183-1197.	1.2	10
6	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
7	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
8	Synthesis of polyethyleneimine modified CoFe <sub>2</sub> O <sub>4</sub> -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
9	Adsorption and mechanistic study for humic acid removal by magnetic biochar derived from forestry wastes functionalized with Mg/Al-LDH. <i>Separation and Purification Technology</i> , 2021, 276, 119296.	3.9	37
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	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
12	Facile fabrication of oxygen vacancy-rich Fe <sub>2</sub> O <sub>3</sub> microspheres on carbon cloth as negative electrode for supercapacitors. <i>Electrochimica Acta</i> , 2020, 338, 135820.	2.6	42
13	Catalytic Synthesis of 5-Methylfurfuryl aniline from Bio-Derived Carbohydrates. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 328-334.	1.3	5
14	Floc Performance parameters during water treatment in a micro-vortex flocculation process determined by machine vision. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 3062-3071.	1.2	4
15	Organosilicone modification of allyl methacrylate with speier's catalyst for waterborne self-matting styrene-acrylic emulsion. <i>Progress in Organic Coatings</i> , 2018, 116, 1-6.	1.9	26
16	Synthesis and characterization of graphitic magnetic mesoporous nanocomposite and its application in dye adsorption. <i>Journal of Molecular Liquids</i> , 2018, 253, 197-204.	2.3	8
17	Fractal Simulation of Flocculation Processes Using a Diffusion-Limited Aggregation Model. <i>Fractal and Fractional</i> , 2017, 1, 12.	1.6	14
18	Progress in Platinum Catalysts Supported by Inorganic Carriers for Hydrosilylation. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 987.	0.6	3

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19	Effect of different curing systems on cell structure, mechanical properties and aging resistance of nitrile butadiene rubber foam coating with liquid compounds. Materials Research Innovations, 2014, 18, 152-159.	1.0	7
20	Simulation of two-dimensional floc growth using improved DLA model. , 2011, , .		2
21	Notice of Retraction: Land use/cover change and their driving forces in Nanchang. , 2011, , .		0
22	Development and prospect on land use/cover change and carbon cycle in typical wetland area of Poyang lake. , 2011, , .		0
23	Simulation of three-dimensional floc growth using improved DLA model. , 2011, , .		1
24	Preparation and Analysis of Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticles Used as Targeted-drug Carriers. Chinese Journal of Chemical Engineering, 2008, 16, 451-455.	1.7	145
25	Isobaric vapor-liquid equilibrium for methyltrichlorosilane-dimethyldichlorosilane-benzene system. Fluid Phase Equilibria, 2006, 242, 118-122.	1.4	8
26	Catalytic oxidation of the dye wastewater with hydrogen peroxide. Chemical Engineering and Processing: Process Intensification, 2005, 44, 1013-1017.	1.8	42