

# Minmin Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

649  
citations

687220

13  
h-index

580701

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

959  
citing authors

#	ARTICLE	IF	CITATIONS
1	MCM-41 impregnated with A zeolite precursor: Synthesis, characterization and tetracycline antibiotics removal from aqueous solution. <i>Chemical Engineering Journal</i> , 2013, 223, 678-687.	6.6	102
2	Synthesis, characterization, and mercury adsorption properties of hybrid mesoporous aluminosilicate sieve prepared with fly ash. <i>Applied Surface Science</i> , 2013, 273, 706-716.	3.1	91
3	Microbial Communities Shaped by Treatment Processes in a Drinking Water Treatment Plant and Their Contribution and Threat to Drinking Water Safety. <i>Frontiers in Microbiology</i> , 2017, 8, 2465.	1.5	72
4	Physiological effects of the herbicide glyphosate on the cyanobacterium <i>Microcystis aeruginosa</i> . <i>Aquatic Toxicology</i> , 2016, 178, 72-79.	1.9	69
5	Toxin Release of Cyanobacterium <i>Microcystis aeruginosa</i> after Exposure to Typical Tetracycline Antibiotic Contaminants. <i>Toxins</i> , 2017, 9, 53.	1.5	37
6	Degradation of ciprofloxacin by TiO <sub>2</sub> /Fe <sub>2</sub> O <sub>3</sub> /zeolite catalyst-activated persulfate under visible LED light irradiation. <i>RSC Advances</i> , 2017, 7, 51512-51520.	1.7	34
7	Aliphatic sulfonyl fluoride synthesis <i>via</i> reductive decarboxylative fluorosulfonylation of aliphatic carboxylic acid NHPI esters. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1115-1120.	2.3	29
8	Heterogeneous degradation of tetracycline by magnetic Ag/AgCl/modified zeolite X persulfate system under visible light. <i>RSC Advances</i> , 2016, 6, 35216-35227.	1.7	27
9	Physiological effects and toxin release in <i>Microcystis aeruginosa</i> and <i>Microcystis viridis</i> exposed to herbicide fenoxaprop-p-ethyl. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7752-7763.	2.7	26
10	Magnetic multi-functional nano-fly ash-derived zeolite composites for environmental applications. <i>Journal of Materials Chemistry A</i> , 2013, 1, 12617.	5.2	25
11	Solid transformation synthesis of zeolites from fly ash. <i>RSC Advances</i> , 2015, 5, 100743-100749.	1.7	25
12	Zero valent iron particles impregnated zeolite X composites for adsorption of tetracycline in aquatic environment. <i>RSC Advances</i> , 2015, 5, 103480-103487.	1.7	23
13	Rapid Access to <i>N</i> -Protected Sulfonylimidoyl Fluorides: Divergent Synthesis of Sulfonamides and Sulfonylimidamides. <i>Organic Letters</i> , 2021, 23, 3975-3980.	2.4	23
14	Copper-catalyzed three-component reaction of arylhydrazine hydrochloride, DABSO, and NFSI for the synthesis of arenesulfonyl fluorides. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8999-9003.	1.5	11
15	A simple fluorescent assay for cyromazine detection in raw milk by using CYR-stabilized G-quadruplex formation. <i>RSC Advances</i> , 2018, 8, 2418-2425.	1.7	8
16	Removal of oxytetracycline by Fe <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> /modified zeolite composites under visible light irradiation. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 9087-9096.	1.1	7
17	An efficient environmentally friendly CuFe <sub>2</sub> O <sub>4</sub> /SiO <sub>2</sub> catalyst for vanillyl mandelic acid oxidation in water under atmospheric pressure and a mechanism study. <i>New Journal of Chemistry</i> , 2021, 45, 982-992.	1.4	7
18	Efficiency of a hybrid granular bed-contact oxidation biofilm baffled reactor for treating molasses wastewater. <i>Desalination and Water Treatment</i> , 2015, 53, 619-626.	1.0	5

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19	TD-DFT Study on Thiocalix[4]arene, the Receptor of a Fluorescent Chemosensor for Cu <sup>2+</sup> . Journal of Physical Chemistry A, 2017, 121, 6942-6948.	1.1	5
20	Effect and Mechanism of Aluminum(III) for Guaiacol's Glyoxylic Acid Condensation Reaction in Vanillin Production. ACS Omega, 2020, 5, 24526-24536.	1.6	5
21	One-Pot Efficient Catalytic Oxidation for Bio-Vanillin Preparation and Carbon Isotope Analysis. ACS Omega, 2020, 5, 8794-8803.	1.6	5
22	Partially delocalized charge in crystalline CoSe/NiO nanocomposites for boosting electrocatalytic oxygen evolution. Physical Chemistry Chemical Physics, 2022, 24, 10838-10850.	1.3	4
23	Performance of a hybrid anaerobic-contact oxidation biofilm baffled reactor for the treatment of decentralized molasses wastewater. Frontiers of Environmental Science and Engineering, 2014, 8, 598-606.	3.3	3
24	Remediation of PAHs contaminated industrial soils by hypochlorous acid: performance and mechanisms. RSC Advances, 2022, 12, 10825-10834.	1.7	3
25	Treatment of decentralized molasses wastewater using anaerobic baffled reactor. Desalination and Water Treatment, 2016, 57, 23597-23602.	1.0	2
26	The highly selective synthesis of 5-methyl vanillin from the by-product in vanilla industry and the scent influence for vanillin. Sustainable Energy and Fuels, 2021, 5, 1158-1170.	2.5	1
27	Preparation and photocatalytic performance of N-AZO/TiO <sub>2</sub> nanocomposites. Journal of Materials Science: Materials in Electronics, 2018, 29, 17296-17304.	1.1	0