

# Chunjie Xia

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

401  
citations

840585

11  
h-index

940416

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g-index

16  
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16  
docs citations

16  
times ranked

616  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new cultivation method for microbial oil production: cell pelletization and lipid accumulation by <i>Mucor circinelloides</i> . <i>Biotechnology for Biofuels</i> , 2011, 4, 15.	6.2	117
2	Biocrude from pretreated sorghum bagasse through catalytic hydrothermal liquefaction. <i>Fuel</i> , 2017, 188, 112-120.	3.4	100
3	Study of in situ ethanol recovery via vapor permeation from fermentation. <i>Journal of Membrane Science</i> , 2017, 530, 192-200.	4.1	32
4	Enhancing bioethanol productivity by a yeast-immobilized catalytically active membrane in a fermentation-pervaporation coupling process. <i>Journal of Membrane Science</i> , 2020, 595, 117485.	4.1	25
5	Degradation of perfluorooctanoic acid by zero-valent iron nanoparticles under ultraviolet light. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	19
6	Preparation and application of a novel ethanol permselective poly(vinyltriethoxysilane) membrane. <i>RSC Advances</i> , 2014, 4, 14592.	1.7	14
7	Evaluation of methane release from coals from the San Juan basin and Powder River basin. <i>Fuel</i> , 2019, 244, 388-394.	3.4	14
8	Copolymerization modification of poly(vinyltriethoxysilane) membranes for ethanol recovery by pervaporation. <i>RSC Advances</i> , 2017, 7, 54441-54452.	1.7	14
9	Statistical Analysis and Modeling of Pelletized Cultivation of <i>Mucor circinelloides</i> for Microbial Lipid Accumulation. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 3502-3512.	1.4	13
10	Pervaporation Membrane Reactor for Producing Hydroxylamine Chloride via an Oxime Hydrolysis Reaction. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 100-107.	1.8	13
11	Coal depolymerization using permanganate under optimal conditions. <i>International Journal of Coal Geology</i> , 2016, 168, 214-221.	1.9	11
12	Degradation of per- and polyfluoroalkyl substances (PFAS) in wastewater effluents by photocatalysis for water reuse. <i>Journal of Water Process Engineering</i> , 2022, 46, 102556.	2.6	11
13	1,4-Dioxane-contaminated groundwater remediation in the anode chamber of a microbial fuel cell. <i>Water Environment Research</i> , 2019, 91, 1537-1545.	1.3	7
14	Effects of Combined Ag and ZnO Nanoparticles on Microbial Communities from Crab Orchard Creek, Illinois, USA. <i>Journal of Environmental Engineering, ASCE</i> , 2020, 146, .	0.7	4
15	Antibacterial activity of $\text{Fe}_2\text{O}_3/\text{TiO}_2$ nanoparticles on toxic cyanobacteria from a lake in Southern Illinois. <i>Water Environment Research</i> , 2021, 93, 2807-2818.	1.3	4
16	Conversion of corn stover hydrolysates to acids: comparison between <i>Clostridium carboxidivorans</i> P7 and microbial communities developed from lake sediment and an anaerobic digester. <i>Biomass Conversion and Biorefinery</i> , 2018, 8, 169-178.	2.9	3