

# Jianhua Xiong

## List of Publications by Year in descending order

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16  
papers

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citations

1040056

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940533

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17  
docs citations

17  
times ranked

338  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupling of photocatalysis and biological treatment for elemental chlorine free bleaching wastewater: Application of factorial design methodology. <i>Journal of Environmental Management</i> , 2022, 302, 114111.	7.8	9
2	Biofilm response and removal via the coupling of visible-light-driven photocatalysis and biodegradation in an environment of sulfamethoxazole and Cr(VI). <i>Journal of Environmental Sciences</i> , 2022, 122, 50-61.	6.1	12
3	<scp>2,4,6-Trichlorophenol</scp> degradation mechanism and microbial community analysis in an intimately coupled visible-light photocatalysis and biodegradation system. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 2547-2556.	3.2	3
4	Intimately coupled photocatalysis and functional bacterial system enhance degradation of 1,2,3- and 1,3,5-trichlorobenzene. <i>Journal of Environmental Management</i> , 2022, 318, 115595.	7.8	9
5	Degradation of chlorine dioxide bleaching wastewater and response of bacterial community in the intimately coupled system of visible-light photocatalysis and biodegradation. <i>Environmental Research</i> , 2021, 195, 110840.	7.5	21
6	Fabrication of Titanium Dioxide/Carbon Fiber (TiO <sub>2</sub> /CF) Composites for Removal of Methylene Blue (MB) from Aqueous Solution with Enhanced Photocatalytic Activity. <i>Journal of Chemistry</i> , 2021, 2021, 1-11.	1.9	17
7	Water-redispersible cellulose nanocrystals adsorption of glucose via alcohol precipitation. <i>Journal of Wood Chemistry and Technology</i> , 2021, 41, 169-176.	1.7	3
8	In situ construction of MoS <sub>2</sub> @CoS <sub>2</sub> spherical hydrangea-shaped clusters for enhanced visible-light photocatalytic degradation of sulfamethoxazole. <i>New Journal of Chemistry</i> , 2021, 45, 5645-5653.	2.8	8
9	Preparation of TiO <sub>2</sub> /Sponge Composite for Photocatalytic Degradation of 2,4,6-Trichlorophenol. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	10
10	Degradation of methylene blue by intimate coupling photocatalysis and biodegradation with bagasse cellulose composite carrier. <i>Cellulose</i> , 2020, 27, 3391-3404.	4.9	32
11	Preparation and Photocatalytic Properties of a Bagasse Cellulose-Supported Nano-TiO <sub>2</sub> Photocatalytic-Coupled Microbial Carrier. <i>Materials</i> , 2020, 13, 1645.	2.9	11
12	Three-dimensional electro-Fenton degradation of Rhodamine B with efficient Fe-Cu/kaolin particle electrodes: Electrodes optimization, kinetics, influencing factors and mechanism. <i>Separation and Purification Technology</i> , 2019, 210, 60-68.	7.9	83
13	Response Surface Optimization of Bagasse Cellulose Pretreated with Zinc Chloride. <i>Journal of Biobased Materials and Bioenergy</i> , 2018, 12, 465-470.	0.3	2
14	The removal of heavy metal ions from aqueous solutions by amine functionalized cellulose pretreated with microwave-H <sub>2</sub> O <sub>2</sub> . <i>RSC Advances</i> , 2017, 7, 34182-34191.	3.6	77
15	Optimization of Microwave-Hydrogen Peroxide Pretreatment of Cellulose. <i>BioResources</i> , 2016, 11, .	1.0	6
16	Dissolution and Structure Change of Bagasse Cellulose in Zinc Chloride Solution. <i>BioResources</i> , 2016, 11, .	1.0	11