

Jianhua Xiong

List of Publications by Year in descending order

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338
citing authors

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