

# Hongying

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

570  
citations

759233

12  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

671  
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper loaded on activated carbon as an efficient adsorbent for removal of methylene blue. RSC Advances, 2017, 7, 14395-14405.	3.6	120
2	Preparation of magnetic adsorbent-photocatalyst composites for dye removal by synergistic effect of adsorption and photocatalysis. Journal of Cleaner Production, 2022, 348, 131301.	9.3	83
3	Microwave one-pot production of ZnO/Fe <sub>3</sub> O <sub>4</sub> /activated carbon composite for organic dye removal and the pyrolysis exhaust recycle. Journal of Cleaner Production, 2018, 188, 900-910.	9.3	63
4	Adsorption behavior of methylene blue onto waste-derived adsorbent and exhaust gases recycling. RSC Advances, 2017, 7, 27331-27341.	3.6	62
5	Ultrasound and microwave-assisted preparation of Fe-activated carbon as an effective low-cost adsorbent for dyes wastewater treatment. RSC Advances, 2016, 6, 78936-78946.	3.6	37
6	Pyrolysis of Crofton weed for the production of aldehyde rich bio-oil and combustible matter rich bio-gas. Applied Thermal Engineering, 2019, 148, 1164-1170.	6.0	35
7	Ultrasound and microwave-assisted synthesis of copper-activated carbon and application to organic dyes removal. Powder Technology, 2018, 338, 857-868.	4.2	30
8	Process Optimization for the Preparation of Activated Carbon from Jatropha Hull Using Response Surface Methodology. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2011, 33, 2005-2017.	2.3	24
9	Microwave assisted regeneration of spent activated carbon from petrochemical plant using response surface methodology. Journal of Porous Materials, 2015, 22, 137-146.	2.6	24
10	Catalytic pyrolysis of the Eupatorium adenophorum to prepare photocatalyst-adsorbent composite for dye removal. Journal of Cleaner Production, 2019, 222, 710-721.	9.3	21
11	Preparation of high specific surface area activated carbon from walnut shells by microwave-induced KOH activation. Journal of Porous Materials, 2015, 22, 1527-1537.	2.6	15
12	Process optimization of spent catalyst regeneration under microwave and ultrasonic spray-assisted. Catalysis Today, 2018, 318, 191-198.	4.4	13
13	Microwave-assisted catalytic pyrolysis of the <i>Eupatorium adenophorum</i> for obtaining valuable products. Environmental Progress and Sustainable Energy, 2020, 39, e13452.	2.3	9
14	Removal of Congo red and methylene blue using H <sub>2</sub> O <sub>2</sub> modified activated carbon by microwave regeneration: isotherm and kinetic studies. Materials Research Express, 2019, 6, 105521.	1.6	8
15	Waste phenolic resin derived activated carbon by microwave-assisted KOH activation and application to dye wastewater treatment. Green Processing and Synthesis, 2019, 8, 408-415.	3.4	7
16	Synthesis of copper-loaded activated carbon for enhancing the photocatalytic removal of methylene blue. Journal of Molecular Liquids, 2018, 272, 353-360.	4.9	6
17	Effect of pyrolysis temperature on pyrolysis of pine saw dust and application of bio-char. International Journal of Environmental Science and Technology, 2022, 19, 1977-1984.	3.5	6
18	Slow pyrolysis of waste navel orange peels with metal oxide catalysts to produce high-grade bio-oil. Green Processing and Synthesis, 2022, 11, 218-228.	3.4	4

#	ARTICLE	IF	CITATIONS
19	Removal of organic dyes from aqueous solution using waste catalyst-derived adsorbent: Isotherm modeling and kinetic studies. <i>Materials Research Express</i> , 2018, 5, 065603.	1.6	3
20	Regeneration of spent mercury catalyst for the treatment of dye wastewater by the microwave and ultrasonic spray-assisted method. <i>Green Processing and Synthesis</i> , 2019, 8, 245-255.	3.4	0