Yang Zhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Efficient degradation of ibuprofen by Co/Fe@CNFs catalyst in the presence of peroxymonosulfate and persulfate: Characterization, performance, and mechanism comparison. Journal of the Taiwan Institute of Chemical Engineers, 2022, 131, 104161.	5.3	15
2	N-doped low-rank coal based carbon catalysts for heterogeneous activation of peroxymonosulfate for ofloxacin oxidation via electron transfer and non-radical pathway. Journal of the Taiwan Institute of Chemical Engineers, 2022, 135, 104352.	5.3	8
3	Heterogeneous activation of persulfate by carbon nanofiber supported Fe3O4@carbon composites for efficient ibuprofen degradation. Journal of Hazardous Materials, 2021, 401, 123428.	12.4	124
4	Activation of persulfate by core–shell structured Fe3O4@C/CDs-Ag nanocomposite for the efficient degradation of penicillin. Separation and Purification Technology, 2021, 254, 117617.	7.9	32
5	Heterogeneous activation of persulfate by activated carbon supported iron for efficient amoxicillin degradation. Environmental Technology and Innovation, 2021, 21, 101259.	6.1	19
6	Fast determination of peroxymonosulfate by flow injection chemiluminescence using the Tb(III) ligand in micelle medium. Luminescence, 2020, 35, 274-283.	2.9	12
7	Activated carbon supported nanoscale zero valent iron for cooperative adsorption and persulfate-driven oxidation of ampicillin. Environmental Technology and Innovation, 2020, 19, 100956.	6.1	24
8	Carbon nanofibers supported Co/Ag bimetallic nanoparticles for heterogeneous activation of peroxymonosulfate and efficient oxidation of amoxicillin. Journal of Hazardous Materials, 2020, 400, 123290.	12.4	58
9	Degradation of ibuprofen in the carbon dots/Fe3O4@carbon sphere pomegranate-like composites activated persulfate system. Separation and Purification Technology, 2020, 242, 116820.	7.9	42
10	Oxidative degradation of chloroxylenol in aqueous solution by thermally activated persulfate: Kinetics, mechanisms and toxicities. Chemical Engineering Journal, 2019, 368, 553-563.	12.7	75
11	Electrospun magnetic cobalt–carbon nanofiber composites with axis-sheath structure for efficient peroxymonosulfate activation. Applied Surface Science, 2018, 452, 443-450.	6.1	47
12	Comparison of the catalytic performances of different commercial cobalt oxides for peroxymonosulfate activation during dye degradation. Chemical Research in Chinese Universities, 2017, 33, 822-827.	2.6	24
13	Oxidation of Dyes by Alkaline-Activated Peroxymonosulfate. Journal of Environmental Engineering, ASCE, 2016, 142, .	1.4	38
14	Sulfate Radical and Its Application in Decontamination Technologies. Critical Reviews in Environmental Science and Technology, 2015, 45, 1756-1800.	12.8	392