Yang Zhang

List of Publications by Year
in descending order

14	910	758635 12	1058022 14
papers	citations	h-index	g-index

14	14	14	978
all docs	docs citations	times ranked	citing authors

#	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.	2.7	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.	2.7	8
3	Heterogeneous activation of persulfate by carbon nanofiber supported Fe3O4@carbon composites for efficient ibuprofen degradation. Journal of Hazardous Materials, 2021, 401, 123428.	6.5	124
4	Activation of persulfate by coreâ€“shell structured Fe3O4@C/CDs-Ag nanocomposite for the efficient degradation of penicillin. Separation and Purification Technology, 2021, 254, 117617.	3.9	32
5	Heterogeneous activation of persulfate by activated carbon supported iron for efficient amoxicillin degradation. Environmental Technology and Innovation, 2021, 21, 101259.	3.0	19
6	Fast determination of peroxymonosulfate by flow injection chemiluminescence using the Tb(III) ligand in micelle medium. Luminescence, 2020, 35, 274-283.	1.5	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.	3.0	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.	6.5	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.	3.9	42
10	Oxidative degradation of chloroxylenol in aqueous solution by thermally activated persulfate: Kinetics, mechanisms and toxicities. Chemical Engineering Journal, 2019, 368, 553-563.	6.6	75
11	Electrospun magnetic cobaltâ€“carbon nanofiber composites with axis-sheath structure for efficient peroxymonosulfate activation. Applied Surface Science, 2018, 452, 443-450.	3.1	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.	1.3	24
13	Oxidation of Dyes by Alkaline-Activated Peroxymonosulfate. Journal of Environmental Engineering, ASCE, 2016, 142, .	0.7	38
14	Sulfate Radical and Its Application in Decontamination Technologies. Critical Reviews in Environmental Science and Technology, 2015, 45, 1756-1800.	6.6	392