Yang Zhang

List of Publications by Year
in descending order

14	910	759233 12	1058476 14
papers	citations	h-index	g-index

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

#	Article	IF	Citations
1	Sulfate Radical and Its Application in Decontamination Technologies. Critical Reviews in Environmental Science and Technology, 2015, 45, 1756-1800.	12.8	392
2	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
3	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
4	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
5	Electrospun magnetic cobaltâ€“carbon nanofiber composites with axis-sheath structure for efficient peroxymonosulfate activation. Applied Surface Science, 2018, 452, 443-450.	6.1	47
6	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
7	Oxidation of Dyes by Alkaline-Activated Peroxymonosulfate. Journal of Environmental Engineering, ASCE, 2016, 142, .	1.4	38
8	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.	7.9	32
9	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
10	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
11	Heterogeneous activation of persulfate by activated carbon supported iron for efficient amoxicillin degradation. Environmental Technology and Innovation, 2021, 21, 101259.	6.1	19
12	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
13	Fast determination of peroxymonosulfate by flow injection chemiluminescence using the Tb(III) ligand in micelle medium. Luminescence, 2020, 35, 274-283.	2.9	12
14	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