

Yang Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1367790/publications.pdf>

Version: 2024-02-01

14
papers

910
citations

758635

12
h-index

1058022

14
g-index

14
all docs

14
docs citations

14
times ranked

978
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfate Radical and Its Application in Decontamination Technologies. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 1756-1800.	6.6	392
2	Heterogeneous activation of persulfate by carbon nanofiber supported Fe ₃ O ₄ @carbon composites for efficient ibuprofen degradation. <i>Journal of Hazardous Materials</i> , 2021, 401, 123428.	6.5	124
3	Oxidative degradation of chloroxylenol in aqueous solution by thermally activated persulfate: Kinetics, mechanisms and toxicities. <i>Chemical Engineering Journal</i> , 2019, 368, 553-563.	6.6	75
4	Carbon nanofibers supported Co/Ag bimetallic nanoparticles for heterogeneous activation of peroxymonosulfate and efficient oxidation of amoxicillin. <i>Journal of Hazardous Materials</i> , 2020, 400, 123290.	6.5	58
5	Electrospun magnetic cobalt@carbon nanofiber composites with axis-sheath structure for efficient peroxymonosulfate activation. <i>Applied Surface Science</i> , 2018, 452, 443-450.	3.1	47
6	Degradation of ibuprofen in the carbon dots/Fe ₃ O ₄ @carbon sphere pomegranate-like composites activated persulfate system. <i>Separation and Purification Technology</i> , 2020, 242, 116820.	3.9	42
7	Oxidation of Dyes by Alkaline-Activated Peroxymonosulfate. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, .	0.7	38
8	Activation of persulfate by core-shell structured Fe ₃ O ₄ @C/CDs-Ag nanocomposite for the efficient degradation of penicillin. <i>Separation and Purification Technology</i> , 2021, 254, 117617.	3.9	32
9	Comparison of the catalytic performances of different commercial cobalt oxides for peroxymonosulfate activation during dye degradation. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 822-827.	1.3	24
10	Activated carbon supported nanoscale zero valent iron for cooperative adsorption and persulfate-driven oxidation of ampicillin. <i>Environmental Technology and Innovation</i> , 2020, 19, 100956.	3.0	24
11	Heterogeneous activation of persulfate by activated carbon supported iron for efficient amoxicillin degradation. <i>Environmental Technology and Innovation</i> , 2021, 21, 101259.	3.0	19
12	Efficient degradation of ibuprofen by Co/Fe@CNFs catalyst in the presence of peroxymonosulfate and persulfate: Characterization, performance, and mechanism comparison. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 131, 104161.	2.7	15
13	Fast determination of peroxymonosulfate by flow injection chemiluminescence using the Tb(III) ligand in micelle medium. <i>Luminescence</i> , 2020, 35, 274-283.	1.5	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. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 135, 104352.	2.7	8