

Lingshuai Kong

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,337
citations

643344

15
h-index

1113639

15
g-index

15
all docs

15
docs citations

15
times ranked

1367
citing authors

#	ARTICLE	IF	CITATIONS
1	Porous 3D superstructure of nitrogen doped carbon decorated with ultrafine cobalt nanodots as peroxymonosulfate activator for the degradation of sulfonamides. <i>Chemical Engineering Journal</i> , 2022, 428, 131329.	6.6	34
2	A novel peroxymonosulfate activation process by periclase for efficient singlet oxygen-mediated degradation of organic pollutants. <i>Chemical Engineering Journal</i> , 2021, 403, 126445.	6.6	87
3	Oxygen vacancies modulation Mn ₃ O ₄ nanozyme with enhanced oxidase-mimicking performance for l-cysteine detection. <i>Sensors and Actuators B: Chemical</i> , 2021, 333, 129560.	4.0	74
4	Simple synthesis of porous ZnO nanoplates hyper-doped with low concentration of Pt for efficient acetone sensing. <i>Journal of Alloys and Compounds</i> , 2021, 865, 158890.	2.8	30
5	Carbon aerogel from forestry biomass as a peroxymonosulfate activator for organic contaminants degradation. <i>Journal of Hazardous Materials</i> , 2021, 413, 125438.	6.5	48
6	Synergistic Lewis acid-base sites of ultrathin porous Co ₃ O ₄ nanosheets with enhanced peroxidase-like activity. <i>Nano Research</i> , 2021, 14, 3514-3522.	5.8	45
7	Peroxymonosulfate activation by localized electrons of ZnO oxygen vacancies for contaminant degradation. <i>Chemical Engineering Journal</i> , 2021, 416, 128996.	6.6	73
8	Biomass Schiff base polymer-derived N-doped porous carbon embedded with CoO nanodots for adsorption and catalytic degradation of chlorophenol by peroxymonosulfate. <i>Journal of Hazardous Materials</i> , 2020, 384, 121345.	6.5	80
9	Facile synthesis of superparamagnetic β -CD-MnFe ₂ O ₄ as a peroxymonosulfate activator for efficient removal of 2,4-dichlorophenol: structure, performance, and mechanism. <i>Journal of Hazardous Materials</i> , 2020, 394, 122528.	6.5	64
10	Mn ₃ O ₄ nanodots loaded g-C ₃ N ₄ nanosheets for catalytic membrane degradation of organic contaminants. <i>Journal of Hazardous Materials</i> , 2020, 390, 122146.	6.5	112
11	Efficient activation of persulfate decomposition by Cu ₂ FeSn ₄ nanomaterial for bisphenol A degradation: Kinetics, performance and mechanism studies. <i>Applied Catalysis B: Environmental</i> , 2019, 253, 278-285.	10.8	107
12	The magnetic biochar derived from banana peels as a persulfate activator for organic contaminants degradation. <i>Chemical Engineering Journal</i> , 2019, 372, 294-303.	6.6	266
13	Cobalt doped g-C ₃ N ₄ activation of peroxymonosulfate for monochlorophenols degradation. <i>Chemical Engineering Journal</i> , 2019, 360, 1213-1222.	6.6	238
14	Efficient activation of persulfate by Fe ₃ O ₄ @ β -cyclodextrin nanocomposite for removal of bisphenol A. <i>RSC Advances</i> , 2018, 8, 14879-14887.	1.7	49
15	Cu ₂ O@ β -cyclodextrin as a synergistic catalyst for hydroxyl radical generation and molecular recognitive destruction of aromatic pollutants at neutral pH. <i>Journal of Hazardous Materials</i> , 2018, 357, 109-118.	6.5	30