Dahu Ding

List of Publications by Year
in descending order

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32 papers	3,822 citations	172457 29 h-index	414414 32 g-index
32 all docs	32 docs citations	32 times ranked	2798 citing authors

#	Article	IF	Citations
1	Evaluation of potassium ferrate activated biochar for the simultaneous adsorption of copper and sulfadiazine: Competitive versus synergistic. Journal of Hazardous Materials, 2022, 424, 127435.	12.4	74
2	Mesoporous carbon framework supported Cu-Fe oxides as efficient peroxymonosulfate catalyst for sustained water remediation. Chemical Engineering Journal, 2022, 430, 133060.	12.7	42
3	Evaluation of N-doped carbon for the peroxymonosulfate activation and removal of organic contaminants from livestock wastewater and groundwater. Journal of Materials Chemistry A, 2022, 10, 9171-9183.	10.3	28
4	Dissolved black carbon induced elimination of bisphenol a by peroxymonosulfate activation through HClO mediated oxidation process. Chemical Engineering Journal, 2022, 446, 137179.	12.7	21
5	Sustainable heterolytic cleavage of peroxymonosulfate by promoting Fe(III)/Fe(II) cycle: The role of in-situ sulfur. Chemical Engineering Journal, 2022, 446, 137257.	12.7	10
6	Heterogeneous activation of peroxymonosulfate for bisphenol A degradation using CoFe2O4 derived by hybrid cobalt-ion hexacyanoferrate nanoparticles. Chemical Engineering Journal, 2021, 404, 127052.	12.7	67
7	Sulfonic-Group-Grafted Ti₃C₂T_x MXene: A Silver Bullet to Settle the Instability of Polyaniline toward High-Performance Zn-Ion Batteries. ACS Nano, 2021, 15, 9065-9075.	14.6	78
8	Pyrrolic N-rich biochar without exogenous nitrogen doping as a functional material for bisphenol A removal: Performance and mechanism. Applied Catalysis B: Environmental, 2021, 291, 120093.	20.2	153
9	Oxygen vacancies-enriched CoFe2O4 for peroxymonosulfate activation: The reactivity between radical-nonradical coupling way and bisphenol A. Journal of Hazardous Materials, 2021, 418, 126357.	12.4	81
10	Overlooked role of nitrogen dopant in carbon catalysts for peroxymonosulfate activation: Intrinsic defects or extrinsic defects?. Applied Catalysis B: Environmental, 2021, 295, 120291.	20.2	117
11	Modulation of carbon induced persulfate activation by nitrogen dopants: recent advances and perspectives. Journal of Materials Chemistry A, 2021, 9, 25796-25826.	10.3	34
12	Nitrogen-doping positively whilst sulfur-doping negatively affect the catalytic activity of biochar for the degradation of organic contaminant. Applied Catalysis B: Environmental, 2020, 263, 118348.	20.2	246
13	Degradation of norfloxacin by CoFe alloy nanoparticles encapsulated in nitrogen doped graphitic carbon (CoFe@N-GC) activated peroxymonosulfate. Chemical Engineering Journal, 2020, 392, 123725.	12.7	99
14	Synergistic Adsorption and Oxidation of Ciprofloxacin by Biochar Derived from Metal-Enriched Phytoremediation Plants: Experimental and Computational Insights. ACS Applied Materials & Interfaces, 2020, 12, 53788-53798.	8.0	89
15	In situ nitrogen functionalization of biochar via one-pot synthesis for catalytic peroxymonosulfate activation: Characteristics and performance studies. Separation and Purification Technology, 2020, 241, 116702.	7.9	81
16	Attenuation of BPA degradation by SO4â˙ in a system of peroxymonosulfate coupled with Mn/Fe MOF-templated catalysts and its synergism with Clâ˙ and bicarbonate. Chemical Engineering Journal, 2019, 372, 605-615.	12.7	146
17	From rice straw to magnetically recoverable nitrogen doped biochar: Efficient activation of peroxymonosulfate for the degradation of metolachlor. Applied Catalysis B: Environmental, 2019, 254, 312-320.	20.2	249
18	Sulfate radical induced catalytic degradation of metolachlor: Efficiency and mechanism. Chemical Engineering Journal, 2019, 368, 606-617.	12.7	35

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19	Degradation of antibiotics in multi-component systems with novel ternary AgBr/Ag3PO4@natural hematite heterojunction photocatalyst under simulated solar light. Journal of Hazardous Materials, 2019, 371, 566-575.	12.4	87
20	Rational design and synthesis of hollow Co3O4@Fe2O3 core-shell nanostructure for the catalytic degradation of norfloxacin by coupling with peroxymonosulfate. Chemical Engineering Journal, 2019, 359, 373-384.	12.7	229
21	Significance of B-site cobalt on bisphenol A degradation by MOFs-templated CoxFe3â^'xO4 catalysts and its severe attenuation by excessive cobalt-rich phase. Chemical Engineering Journal, 2019, 359, 552-563.	12.7	41
22	Efficient heterogeneous activation of peroxymonosulfate by facilely prepared Co/Fe bimetallic oxides: Kinetics and mechanism. Chemical Engineering Journal, 2018, 345, 364-374.	12.7	151
23	Degradation of norfloxacin by CoFe2O4-GO composite coupled with peroxymonosulfate: A comparative study and mechanistic consideration. Chemical Engineering Journal, 2018, 334, 273-284.	12.7	322
24	Degradation of acetamiprid in UV/H2O2 and UV/persulfate systems: A comparative study. Chemical Engineering Journal, 2018, 351, 1137-1146.	12.7	99
25	MOF-templated synthesis of CoFe2O4 nanocrystals and its coupling with peroxymonosulfate for degradation of bisphenol A. Chemical Engineering Journal, 2018, 353, 329-339.	12.7	295
26	Biochar modification significantly promotes the activity of Co3O4 towards heterogeneous activation of peroxymonosulfate. Chemical Engineering Journal, 2018, 354, 856-865.	12.7	212
27	Selective removal of cesium by ammonium molybdophosphate â€“ polyacrylonitrile bead and membrane. Journal of Hazardous Materials, 2017, 324, 753-761.	12.4	57
28	Mechanism insight of degradation of norfloxacin by magnetite nanoparticles activated persulfate: Identification of radicals and degradation pathway. Chemical Engineering Journal, 2017, 308, 330-339.	12.7	302
29	Facet-Controlling Agents Free Synthesis of Hematite Crystals with High-Index Planes: Excellent Photodegradation Performance and Mechanism Insight. ACS Applied Materials & Interfaces, 2016, 8, 142-151.	8.0	37
30	Facile synthesis of Î±-Fe₂O₃nanodisk with superior photocatalytic performance and mechanism insight. Science and Technology of Advanced Materials, 2015, 16, 014801.	6.1	63
31	Nickel Oxide Grafted Andic Soil for Efficient Cesium Removal from Aqueous Solution: Adsorption Behavior and Mechanisms. ACS Applied Materials & Interfaces, 2013, 5, 10151-10158.	8.0	37
32	Adsorption of cesium from aqueous solution using agricultural residue â€“ Walnut shell: Equilibrium, kinetic and thermodynamic modeling studies. Water Research, 2013, 47, 2563-2571.	11.3	240