

Da Ouyang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,700
citations

566801

15
h-index

940134

16
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docs citations

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times ranked

1504
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation mechanism of peroxymonosulfate by biochar for catalytic degradation of 1,4-dioxane: Important role of biochar defect structures. <i>Chemical Engineering Journal</i> , 2019, 370, 614-624.	6.6	373
2	Nanoscale zero-valent iron supported by biochars produced at different temperatures: Synthesis mechanism and effect on Cr(VI) removal. <i>Environmental Pollution</i> , 2017, 223, 153-160.	3.7	231
3	Degradation of 1,4-dioxane by biochar supported nano magnetite particles activating persulfate. <i>Chemosphere</i> , 2017, 184, 609-617.	4.2	217
4	Enhanced removal of Cr(VI) by silicon rich biochar-supported nanoscale zero-valent iron. <i>Chemosphere</i> , 2019, 215, 739-745.	4.2	143
5	Effective removal of Cr(VI) by attapulgite-supported nanoscale zero-valent iron from aqueous solution: Enhanced adsorption and crystallization. <i>Chemosphere</i> , 2019, 221, 683-692.	4.2	126
6	Mechanistic insights into adsorptive and oxidative removal of monochlorobenzene in biochar-supported nanoscale zero-valent iron/persulfate system. <i>Chemical Engineering Journal</i> , 2020, 400, 125811.	6.6	109
7	Enhanced reduction and adsorption of hexavalent chromium by palladium and silicon rich biochar supported nanoscale zero-valent iron. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 428-436.	5.0	107
8	Heterogeneously catalyzed persulfate with a CuMgFe layered double hydroxide for the degradation of ethylbenzene. <i>Journal of Hazardous Materials</i> , 2017, 338, 372-380.	6.5	83
9	Heterogeneously catalyzed persulfate by CuMgFe layered double oxide for the degradation of phenol. <i>Applied Catalysis A: General</i> , 2017, 538, 19-26.	2.2	66
10	Enhanced Fenton-like Degradation of Trichloroethylene by Hydrogen Peroxide Activated with Nanoscale Zero Valent Iron Loaded on Biochar. <i>Scientific Reports</i> , 2017, 7, 43051.	1.6	57
11	Field demonstration of enhanced removal of chlorinated solvents in groundwater using biochar-supported nanoscale zero-valent iron. <i>Science of the Total Environment</i> , 2020, 698, 134215.	3.9	53
12	Enhanced removal of 1,2,4-trichlorobenzene by modified biochar supported nanoscale zero-valent iron and palladium. <i>Chemosphere</i> , 2020, 249, 126518.	4.2	46
13	Nanoscale zero-valent iron supported by attapulgite produced at different acid modification: Synthesis mechanism and the role of silicon on Cr(VI) removal. <i>Chemosphere</i> , 2021, 267, 129183.	4.2	35
14	Synergistic roles of Fe(II) on simultaneous removal of hexavalent chromium and trichloroethylene by attapulgite-supported nanoscale zero-valent iron/persulfate system. <i>Chemical Engineering Journal</i> , 2022, 430, 132841.	6.6	23
15	Degradation of benzene derivatives in the CuMgFe-LDO/persulfate system: The role of the interaction between the catalyst and target pollutants. <i>Journal of Environmental Sciences</i> , 2020, 90, 87-97.	3.2	21
16	Degradation of 1,4-dioxane by biochar activating peroxymonosulfate under continuous flow conditions. <i>Science of the Total Environment</i> , 2022, 809, 151929.	3.9	10