Xiaodan Zhao

List of Publications by Year
in descending order

18 papers	575 citations	687363 13 h-index	888059 17 g-index
18 all docs	18 docs citations	18 times ranked	639 citing authors

#	Article	IF	Citations
1	Mechanistic insights into rapid sulfite activation with cobalt sulfide towards iohexol abatement: Contribution of sulfur conversion. Chemical Engineering Journal, 2022, 429, 132404.	12.7	30
2	Activation of peracetic acid with zero-valent iron for tetracycline abatement: The role of Fe(II) complexation with tetracycline. Journal of Hazardous Materials, 2022, 424, 127653.	12.4	45
3	Application of a novel heterogeneous sulfite activation with copper(<scp>i</scp>) sulfide (Cu₂S) for efficient iohexol abatement. RSC Advances, 2022, 12, 8009-8018.	3.6	7
4	CuCo2S4/sulfite reaction for efficient removal of tetracycline in water. Environmental Chemistry Letters, 2022, 20, 1589-1594.	16.2	7
5	Effective sulfite activation with atomically dispersed cobalt loaded SBA-15 for iohexol abatement. Journal of Environmental Chemical Engineering, 2022, 10, 108100.	6.7	9
6	Enhanced abatement of organic contaminants by zero-valent copper and sulfite. Environmental Chemistry Letters, 2020, 18, 237-241.	16.2	9
7	Activation of sulfite autoxidation with CuFe2O4 prepared by MOF-templated method for abatement of organic contaminants. Environmental Pollution, 2020, 260, 114038.	7.5	54
8	Efficient abatement of an iodinated X-ray contrast media iohexol by Co(II) or Cu(II) activated sulfite autoxidation process. Environmental Science and Pollution Research, 2019, 26, 24707-24719.	5.3	27
9	Efficient activation of sulfite autoxidation process with copper oxides for iohexol degradation under mild conditions. Science of the Total Environment, 2019, 695, 133836.	8.0	27
10	Enhanced Cr(VI) removal from simulated electroplating rinse wastewater by amino-functionalized vermiculite-supported nanoscale zero-valent iron. Chemosphere, 2019, 218, 458-467.	8.2	66
11	Anoxic biodegradation of triclosan and the removal of its antimicrobial effect in microbial fuel cells. Journal of Hazardous Materials, 2018, 344, 669-678.	12.4	56
12	Reactions of hypoiodous acid with model compounds and the formation of iodoform in absence/presence of permanganate. Water Research, 2017, 119, 126-135.	11.3	35
13	Kinetic and Mechanistic Aspects of the Reactions of Iodide and Hypoiodous Acid with Permanganate: Oxidation and Disproportionation. Environmental Science & Technology, 2016, 50, 4358-4365.	10.0	53
14	Phenols and anilines degradation by permanganate in the absence/presence of carbon nanotubes: Oxidation and dehalogenation. Separation and Purification Technology, 2016, 170, 344-352.	7.9	15
15	DFT investigation of Ni(II) adsorption onto MA-DTPA/PVDF chelating membrane in the presence of coexistent cations and organic acids. Journal of Hazardous Materials, 2012, 199-200, 433-439.	12.4	42
16	Adsorption investigation of MA-DTPA chelating resin for Ni(II) and Cu(II) using experimental and DFT methods. Journal of Molecular Structure, 2011, 986, 68-74.	3.6	43
17	Experimental and DFT investigation of surface degradation of polyvinylidene fluoride membrane in alkaline solution. Surface Science, 2011, 605, 1005-1015.	1.9	48
18	Enhanced abatement of various phenols by integrated permanganate and activated carbon process: role of quinones and phenolic acids. , 0, 144, 263-271.		2