

Xiaodan Zhao

List of Publications by Year in descending order

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18
papers

575
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687363

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18
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639
citing authors

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