

Ming Zheng

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

297
citations

9
h-index

17
g-index

19
ext. papers

427
ext. citations

9.6
avg, IF

3.68
L-index

#	Paper	IF	Citations
17	Motivation of reactive oxygen and nitrogen species by a novel non-thermal plasma coupled with calcium peroxide system for synergistic removal of sulfamethoxazole in waste activated sludge.. <i>Water Research</i> , 2022 , 212, 118128	12.5	2
16	Remediation of surface water contaminated by pathogenic microorganisms using calcium peroxide: Matrix effect, micro-mechanisms and morphological-physiological changes.. <i>Water Research</i> , 2022 , 211, 118074	12.5	2
15	Decomplexation of Cu(II)-EDTA by synergistic activation of persulfate with alkali and CuO: Kinetics and activation mechanism.. <i>Science of the Total Environment</i> , 2022 , 817, 152793	10.2	0
14	In-situ chemical attenuation of pharmaceutically active compounds using CaO ₂ : Influencing factors, mechanistic modeling, and cooperative inactivation of water-borne microbial pathogens. <i>Environmental Research</i> , 2022 , 113531	7.9	
13	Fully-automated SPE coupled to UHPLC-MS/MS method for multiresidue analysis of 26 trace antibiotics in environmental waters: SPE optimization and method validation. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
12	Pretreatment using UV combined with CaO for the anaerobic digestion of waste activated sludge: Mechanistic modeling for attenuation of trace organic contaminants. <i>Journal of Hazardous Materials</i> , 2021 , 402, 123484	12.8	9
11	Effect of low-level H ₂ O ₂ and Fe(II) on the UV treatment of tetracycline antibiotics and the toxicity of reaction solutions to zebrafish embryos. <i>Chemical Engineering Journal</i> , 2020 , 394, 125021	14.7	19
10	Metagenomic characterization of the enhanced performance of anaerobic fermentation of waste activated sludge with CaO addition at ambient temperature: Fatty acid biosynthesis metabolic pathway and CAZymes. <i>Water Research</i> , 2020 , 170, 115309	12.5	38
9	Radiolysis of carbamazepine by electron beam: Roles of transient reactive species and biotoxicity of final reaction solutions on rotifer <i>Philodina</i> sp. <i>Science of the Total Environment</i> , 2020 , 703, 135013	10.2	7
8	Attenuation of pharmaceutically active compounds in aqueous solution by UV/CaO process: Influencing factors, degradation mechanism and pathways. <i>Water Research</i> , 2019 , 164, 114922	12.5	30
7	MP-UV/CaO as a pretreatment method for the removal of carbamazepine and primidone in waste activated sludge and improving the solubilization of sludge. <i>Water Research</i> , 2019 , 151, 158-169	12.5	9
6	Photolysis of enrofloxacin, pefloxacin and sulfaquinoxaline in aqueous solution by UV/HO, UV/Fe(II), and UV/HO/Fe(II) and the toxicity of the final reaction solutions on zebrafish embryos. <i>Science of the Total Environment</i> , 2019 , 651, 1457-1468	10.2	46
5	Radiation induced degradation of antiepileptic drug primidone in aqueous solution. <i>Chemical Engineering Journal</i> , 2015 , 270, 66-72	14.7	35
4	Aquatic photolysis of florfenicol and thiamphenicol under direct UV irradiation, UV/H ₂ O ₂ and UV/Fe(II) processes. <i>Chemical Engineering Journal</i> , 2015 , 260, 826-834	14.7	64
3	Aquatic photolysis of carbamazepine by UV/H ₂ O ₂ and UV/Fe(II) processes. <i>Research on Chemical Intermediates</i> , 2015 , 41, 7015-7028	2.8	14
2	EB-radiolysis of carbamazepine: in pure-water with different ions and in surface water. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014 , 302, 139-147	1.5	18
1	Effect of Co-catalyst CdS on the Photocatalytic Performance of ZnMoO ₄ for Hydrogen Production. <i>Catalysis Surveys From Asia</i> , 1	2.8	

