Chengchun Jiang

List of Publications by Year
in descending order

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23 papers	1,224 citations	623574 14 h-index	752573 20 g-index
23 all docs	23 docs citations	23 times ranked	1086 citing authors

#	Article	IF	Citations
1	The Highly Efficient Degradation on Nitrobenzene by Using Nano-copper-cobalt Bimetallic Oxide as Heterogeneous Fenton Catalysts: Efficiency, Dynamic and Mechanism. IOP Conference Series: Earth and Environmental Science, 2021, 687, 012131.	0.2	0
2	Unexpected degradation and deiodination of diatrizoate by the Cu(II)/S(IV) system under anaerobic conditions. Water Research, 2021, 198, 117137.	5.3	17
3	Effects on photosynthetic and antioxidant systems of harmful cyanobacteria by nanocrystalline Zn-MOF-FA. Science of the Total Environment, 2021, 792, 148247.	3.9	17
4	Formation of nitrosated and nitrated aromatic products of concerns in the treatment of phenols by the combination of peroxymonosulfate and hydroxylamine. Chemosphere, 2021, 282, 131057.	4.2	7
5	Formation of iodinated products in Fe (II)/peroxydisulfate (PDS) system. Water Science and Technology: Water Supply, 2021, 21, 1016-1024.	1.0	0
6	Fe(II)-activated persulfate oxidation to degrade iopamidol in water: parameters optimization and degradation paths. Scientific Reports, 2020, 10, 21548.	1.6	8
7	An overview of bromate formation in chemical oxidation processes: Occurrence, mechanism, influencing factors, risk assessment, and control strategies. Chemosphere, 2019, 237, 124521.	4.2	44
8	Transformation of iodide by Fe(II) activated peroxydisulfate. Journal of Hazardous Materials, 2019, 373, 519-526.	6.5	21
9	Quantitatively assessing the role played by carbonate radicals in bromate formation by ozonation. Journal of Hazardous Materials, 2019, 363, 428-438.	6.5	20
10	Effects of Dracontomelon duperreanum Leaf Litter on the Growth and Photosynthesis of Microcystis aeruginosa. Bulletin of Environmental Contamination and Toxicology, 2018, 100, 690-694.	1.3	12
11	Transformation of Methylparaben by aqueous permanganate in the presence of iodide: Kinetics, modeling, and formation of iodinated aromatic products. Water Research, 2018, 135, 75-84.	5.3	29
12	Chlorination of bisphenol S: Kinetics, products, and effect of humic acid. Water Research, 2018, 131, 208-217.	5.3	64
13	Does Soluble Mn(III) Oxidant Formed in Situ Account for Enhanced Transformation of Triclosan by Mn(VII) in the Presence of Ligands?. Environmental Science & Technology, 2018, 52, 4785-4793.	4.6	76
14	Transformation of phenolic compounds by peroxymonosulfate in the presence of iodide and formation of iodinated aromatic products. Chemical Engineering Journal, 2018, 335, 855-864.	6.6	38
15	Is Sulfate Radical Really Generated from Peroxydisulfate Activated by Iron(II) for Environmental Decontamination?. Environmental Science & Technology, 2018, 52, 11276-11284.	4.6	517
16	Transformation of Iodide by Carbon Nanotube Activated Peroxydisulfate and Formation of Iodoorganic Compounds in the Presence of Natural Organic Matter. Environmental Science & Technology, 2017, 51, 479-487.	4.6	80
17	Kinetics of Oxidation of Iodide (I^{â€“}) and Hypoiodous Acid (HOI) by Peroxymonosulfate (PMS) and Formation of Iodinated Products in the PMS/I^{â€“}/NOM System. Environmental Science and Technology Letters, 2017, 4, 76-82.	3.9	73
18	Alternative assessment of nano-TiO2 sedimentation under different conditions based on sedimentation efficiency at quasi-stable state. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	1

#	Article	IF	Citations
19	A Trickle Bed Electrochemical Reactor for Generation of Hydrogen Peroxide and Degradation of an Azo Dye in Water. Journal of Advanced Oxidation Technologies, 2015, 18, .	0.5	4
20	Dominating Role of Ionic Strength in the Sedimentation of Nano-TiO₂in Aquatic Environments. Journal of Nanomaterials, 2015, 2015, 1-10.	1.5	5
21	A new insight into Fenton and Fenton-like processes for water treatment: Part II. Influence of organic compounds on Fe(III)/Fe(II) interconversion and the course of reactions. Journal of Hazardous Materials, 2013, 250-251, 76-81.	6.5	47
22	Effect of the pH values on growth of Microcystis aeruginosa. , 2011, , .		2
23	A new insight into Fenton and Fenton-like processes for water treatment. Journal of Hazardous Materials, 2010, 174, 813-817.	6.5	142