

List of Publications by Year in
Descending Order

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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.

43 papers	2,455 citations	22 h-index	44 g-index
44 ext. papers	3,330 ext. citations	10.9 avg, IF	5.15 L-index

#	Paper	IF	Citations
43	Formation mechanism and control strategies of N-nitrosodimethylamine (NDMA) formation during ozonation.. <i>Science of the Total Environment</i> , 2022 , 823, 153679	10.2	1
42	Transformation and detoxification of sulfamethoxazole by permanganate (Mn(VII)) in the presence of phenolic humic constituents. <i>Chemical Engineering Journal</i> , 2021 , 413, 127534	14.7	4
41	Hydroxylamine driven advanced oxidation processes for water treatment: A review. <i>Chemosphere</i> , 2021 , 262, 128390	8.4	15
40	Sulfite enhanced transformation of iopamidol by UV photolysis in the presence of oxygen: Role of oxysulfur radicals. <i>Water Research</i> , 2021 , 189, 116625	12.5	10
39	Enhanced transformation of organic pollutants by mild oxidants in the presence of synthetic or natural redox mediators: A review. <i>Water Research</i> , 2021 , 189, 116667	12.5	15
38	Mechanism, kinetics and DBP formation of UV/NH ₂ Cl process on contaminant removal in aqueous solution: A review. <i>Chemical Engineering Journal</i> , 2021 , 420, 130405	14.7	4
37	Oxidative transformation of emerging organic contaminants by aqueous permanganate: Kinetics, products, toxicity changes, and effects of manganese products. <i>Water Research</i> , 2021 , 203, 117513	12.5	7
36	Formation of nitrosated and nitrated aromatic products of concerns in the treatment of phenols by the combination of peroxymonosulfate and hydroxylamine. <i>Chemosphere</i> , 2021 , 282, 131057	8.4	1
35	Oxidation of iodide and hypoiodous acid by non-chlorinated water treatment oxidants and formation of iodinated organic compounds: A review. <i>Chemical Engineering Journal</i> , 2020 , 386, 123822	14.7	9
34	Ferrate Oxidation of Phenolic Compounds in Iodine-Containing Water: Control of Iodinated Aromatic Products. <i>Environmental Science & Technology</i> , 2020 , 54, 1827-1836	10.3	14
33	Chlorination and bromination of olefins: Kinetic and mechanistic aspects. <i>Water Research</i> , 2020 , 187, 116424	12.5	6
32	Transformation of X-ray contrast media by conventional and advanced oxidation processes during water treatment: Efficiency, oxidation intermediates, and formation of iodinated byproducts. <i>Water Research</i> , 2020 , 185, 116234	12.5	11
31	Formation and control of bromate in sulfate radical-based oxidation processes for the treatment of waters containing bromide: A critical review. <i>Water Research</i> , 2020 , 176, 115725	12.5	29
30	Further insights into the combination of permanganate and peroxymonosulfate as an advanced oxidation process for destruction of aqueous organic contaminants. <i>Chemosphere</i> , 2019 , 228, 602-610	8.4	8
29	Activation of ferrate by carbon nanotube for enhanced degradation of bromophenols: Kinetics, products, and involvement of Fe(V)/Fe(IV). <i>Water Research</i> , 2019 , 156, 1-8	12.5	45
28	Oxidation of methylparaben (MeP) and p-hydroxybenzoic acid (p-HBA) by manganese dioxide (MnO) and effects of iodide: Efficiency, products, and toxicity. <i>Science of the Total Environment</i> , 2019 , 661, 670-677	10.2	12
27	A novel strategy using peroxymonosulfate to control the formation of iodinated aromatic products in treatment of phenolic compounds by permanganate. <i>Environmental Science: Water Research and Technology</i> , 2019 , 5, 1515-1522	4.2	3

26	Degradation of iopamidol by three UV-based oxidation processes: Kinetics, pathways, and formation of iodinated disinfection byproducts. <i>Chemosphere</i> , 2019 , 221, 270-277	8.4	35
25	Transformation of bisphenol AF and bisphenol S by permanganate in the absence/presence of iodide: Kinetics and products. <i>Chemosphere</i> , 2019 , 217, 402-410	8.4	22
24	Comparative study on degradation of propranolol and formation of oxidation products by UV/HO and UV/persulfate (PDS). <i>Water Research</i> , 2019 , 149, 543-552	12.5	56
23	A novel nanostructured Fe-Ti-Mn composite oxide for highly efficient arsenic removal: Preparation and performance evaluation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 561, 364-372	5.1	34
22	Transformation of Methylparaben by aqueous permanganate in the presence of iodide: Kinetics, modeling, and formation of iodinated aromatic products. <i>Water Research</i> , 2018 , 135, 75-84	12.5	19
21	Chlorination of bisphenol S: Kinetics, products, and effect of humic acid. <i>Water Research</i> , 2018 , 131, 208-217	12.5	39
20	Oxidation of steroid estrogens by peroxymonosulfate (PMS) and effect of bromide and chloride ions: Kinetics, products, and modeling. <i>Water Research</i> , 2018 , 138, 56-66	12.5	98
19	Oxidation of theophylline by Ferrate (VI) and formation of disinfection byproducts during subsequent chlorination. <i>Separation and Purification Technology</i> , 2018 , 201, 283-290	8.3	11
18	Transformation of phenolic compounds by peroxymonosulfate in the presence of iodide and formation of iodinated aromatic products. <i>Chemical Engineering Journal</i> , 2018 , 335, 855-864	14.7	31
17	Transformation of bisphenol AF and bisphenol S by manganese dioxide and effect of iodide. <i>Water Research</i> , 2018 , 143, 47-55	12.5	44
16	Rapid oxidation of iodide and hypiodous acid with ferrate and no formation of iodoform and monoiodoacetic acid in the ferrate/I/HA system. <i>Water Research</i> , 2018 , 144, 592-602	12.5	30
15	Oxidation of bisphenol A by nonradical activation of peroxymonosulfate in the presence of amorphous manganese dioxide. <i>Chemical Engineering Journal</i> , 2018 , 352, 1004-1013	14.7	102
14	Interpreting the effects of natural organic matter on antimicrobial activity of AgS nanoparticles with soft particle theory. <i>Water Research</i> , 2018 , 145, 12-20	12.5	25
13	Double Replication MDS Codes for Wireless D2D Distributed Storage Networks 2018 ,		2
12	Enhanced removal of arsenite and arsenate by a multifunctional Fe-Ti-Mn composite oxide: Photooxidation, oxidation and adsorption. <i>Water Research</i> , 2018 , 147, 264-275	12.5	80
11	Is Sulfate Radical Really Generated from Peroxydisulfate Activated by Iron(II) for Environmental Decontamination?. <i>Environmental Science & Technology</i> , 2018 , 52, 11276-11284	10.3	216
10	Unrecognized role of bisulfite as Mn(III) stabilizing agent in activating permanganate (Mn(VII)) for enhanced degradation of organic contaminants. <i>Chemical Engineering Journal</i> , 2017 , 327, 418-422	14.7	46
9	Degradation of sulfamethoxazole by UV, UV/HO and UV/persulfate (PDS): Formation of oxidation products and effect of bicarbonate. <i>Water Research</i> , 2017 , 118, 196-207	12.5	299

8	Transformation of Iodide by Carbon Nanotube Activated Peroxydisulfate and Formation of Iodoorganic Compounds in the Presence of Natural Organic Matter. <i>Environmental Science & Technology</i> , 2017 , 51, 479-487	10.3	56
7	Kinetics of Oxidation of Iodide (I ⁻) and Hypoiodous Acid (HOI) by Peroxymonosulfate (PMS) and Formation of Iodinated Products in the PMS/I ⁻ /NOM System. <i>Environmental Science and Technology Letters</i> , 2017 , 4, 76-82	11	49
6	Activation of peroxymonosulfate by phenols: Important role of quinone intermediates and involvement of singlet oxygen. <i>Water Research</i> , 2017 , 125, 209-218	12.5	152
5	Iodine Atom or Hypoiodous Acid? Comment on "Rapid Selective Circumneutral Degradation of Phenolic Pollutants Using Peroxymonosulfate-Iodide Metal-Free Oxidation: Role of Iodine Atoms". <i>Environmental Science & Technology</i> , 2017 , 51, 9410-9411	10.3	7
4	Oxidation of the odorous compound 2,4,6-trichloroanisole by UV activated persulfate: Kinetics, products, and pathways. <i>Water Research</i> , 2016 , 96, 12-21	12.5	148
3	Research on Smart Community Planning of Yishanwan, China towards New Urbanization. <i>International Review for Spatial Planning and Sustainable Development</i> , 2016 , 4, 78-90	1	6
2	Transformation of Flame Retardant Tetrabromobisphenol A by Aqueous Chlorine and the Effect of Humic Acid. <i>Environmental Science & Technology</i> , 2016 , 50, 9608-18	10.3	52
1	Activation of Peroxymonosulfate by Benzoquinone: A Novel Nonradical Oxidation Process. <i>Environmental Science & Technology</i> , 2015 , 49, 12941-50	10.3	602