Jin Jiang

List of Publications by Year in Descending Order

130 papers	6,678 citations	45 h-index	79 g-index
136 ext. papers	9,143 ext. citations	11.1 avg, IF	6.34 L-index

#	Paper	IF	Citations
130	Aqueous Iron(IV)-Oxo Complex: An Emerging Powerful Reactive Oxidant Formed by Iron(II)-Based Advanced Oxidation Processes for Oxidative Water Treatment.. *Environmental Science & Technology*, **2022**,	10.3	9
129	Formation mechanism and control strategies of N-nitrosodimethylamine (NDMA) formation during ozonation.. *Science of the Total Environment*, **2022**, 823, 153679	10.2	1
128	Simultaneous Feammox and anammox process facilitated by activated carbon as an electron shuttle for autotrophic biological nitrogen removal. *Frontiers of Environmental Science and Engineering*, **2022**, 16, 1	5.8	2
127	Activated carbon as an insoluble electron shuttle to enhance the anaerobic ammonium oxidation coupled with Fe(III) reduction process. *Environmental Research*, **2022**, 204, 111972	7.9	5
126	Theoretical insight into the initial reaction of ozone with peroxide: Single electron transfer or adduct formation. *Chemical Engineering Journal*, **2022**, 429, 132308	14.7	1
125	A review on advanced oxidation processes homogeneously initiated by copper(II). *Chemical Engineering Journal*, **2022**, 427, 131721	14.7	4
124	Bisulfite activated permanganate for oxidative water decontamination.. *Water Research*, **2022**, 216, 118331	12.5	1
123	Autotrophic Fe-Driven Biological Nitrogen Removal Technologies for Sustainable Wastewater Treatment.. *Frontiers in Microbiology*, **2022**, 13, 895409	5.7	0
122	Atomically dispersed cobalt on carbon nitride for peroxymonosulfate activation: Switchable catalysis enabled by light irradiation. *Chemical Engineering Journal*, **2022**, 446, 137277	14.7	1
121	Impacts of COVID-19 pandemic on the aquatic environment associated with disinfection byproducts and pharmaceuticals. *Science of the Total Environment*, **2021**, 151409	10.2	4
120	Enhanced peroxymonosulfate activation via complexed Mn(II): A novel non-radical oxidation mechanism involving manganese intermediates. *Water Research*, **2021**, 193, 116856	12.5	27
119	Insoluble carbonaceous materials as electron shuttles enhance the anaerobic/anoxic bioremediation of redox pollutants: Recent advances. *Chinese Chemical Letters*, **2021**, 33, 71-71	8.1	3
118	Unrecognized role of humic acid as a reductant in accelerating fluoroquinolones oxidation by aqueous permanganate. *Chinese Chemical Letters*, **2021**, 33, 447-447	8.1	0
117	Transformation and detoxification of sulfamethoxazole by permanganate (Mn(VII)) in the presence of phenolic humic constituents. *Chemical Engineering Journal*, **2021**, 413, 127534	14.7	4
116	Hydroxylamine driven advanced oxidation processes for water treatment: A review. *Chemosphere*, **2021**, 262, 128390	8.4	15
115	A comparison study of levofloxacin degradation by peroxymonosulfate and permanganate: Kinetics, products and effect of quinone group. *Journal of Hazardous Materials*, **2021**, 403, 123834	12.8	15
114	Review on UV/sulfite process for water and wastewater treatments in the presence or absence of O. *Science of the Total Environment*, **2021**, 765, 142762	10.2	13

113	Sulfite enhanced transformation of iopamidol by UV photolysis in the presence of oxygen: Role of oxysulfur radicals. *Water Research*, **2021**, 189, 116625	12.5	10
112	Enhanced transformation of organic pollutants by mild oxidants in the presence of synthetic or natural redox mediators: A review. *Water Research*, **2021**, 189, 116667	12.5	15
111	Insights into the oxidation of organic contaminants by Co(II) activated peracetic acid: The overlooked role of high-valent cobalt-oxo species. *Water Research*, **2021**, 201, 117313	12.5	18
110	Novel Nonradical Oxidation of Sulfonamide Antibiotics with Co(II)-Doped g-CN-Activated Peracetic Acid: Role of High-Valent Cobalt-Oxo Species. *Environmental Science & Technology*, **2021**, 55, 12640-12651	10.2	13
109	A novel diagnostic method for distinguishing between Fe(IV) and OH by using atrazine as a probe: Clarifying the nature of reactive intermediates formed by nitrilotriacetic acid assisted Fenton-like reaction. *Journal of Hazardous Materials*, **2021**, 417, 126030	12.8	5
108	Effective activation of peroxymonosulfate with natural manganese-containing minerals through a nonradical pathway and the application for the removal of bisphenols. *Journal of Hazardous Materials*, **2021**, 417, 126152	12.8	5
107	Mechanism, kinetics and DBP formation of UV/NH2Cl process on contaminant removal in aqueous solution: A review. *Chemical Engineering Journal*, **2021**, 420, 130405	14.7	4
106	Oxidative transformation of emerging organic contaminants by aqueous permanganate: Kinetics, products, toxicity changes, and effects of manganese products. *Water Research*, **2021**, 203, 117513	12.5	7
105	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	8.4	1
104	Trace Cupric Species Triggered Decomposition of Peroxymonosulfate and Degradation of Organic Pollutants: Cu(III) Being the Primary and Selective Intermediate Oxidant. *Environmental Science & Technology*, **2020**, 54, 4686-4694	10.3	105
103	Relative contribution of ferryl ion species (Fe(IV)) and sulfate radical formed in nanoscale zero valent iron activated peroxydisulfate and peroxymonosulfate processes. *Water Research*, **2020**, 172, 115504	12.5	89
102	Quantitative evaluation of relative contribution of high-valent iron species and sulfate radical in Fe(VI) enhanced oxidation processes via sulfur reducing agents activation. *Chemical Engineering Journal*, **2020**, 387, 124077	14.7	18
101	Thallium(I) Oxidation by Permanganate and Chlorine: Kinetics and Manganese Dioxide Catalysis. *Environmental Science & Technology*, **2020**, 54, 7205-7216	10.3	8
100	Are free radicals actually responsible for enhanced oxidation of contaminants by Cr(VI) in the presence of bisulfite?. *Chemosphere*, **2020**, 248, 126000	8.4	3
99	Cadmium removal with thiosulfate/permanganate (TS/Mn(VII)) system: MnO2 adsorption and/or CdS formation. *Chemical Engineering Journal*, **2020**, 380, 122585	14.7	7
98	Facile synthesis of pure g-C3N4 materials for peroxymonosulfate activation to degrade bisphenol A: Effects of precursors and annealing ambience on catalytic oxidation. *Chemical Engineering Journal*, **2020**, 387, 123726	14.7	47
97	Oxidation of iodide and hypoiodous acid by non-chlorinated water treatment oxidants and formation of iodinated organic compounds: A review. *Chemical Engineering Journal*, **2020**, 386, 123822	14.7	9
96	Electrochemically activated PMS and PDS: Radical oxidation versus nonradical oxidation. *Chemical Engineering Journal*, **2020**, 391, 123560	14.7	38

95	Mn effect on manganese oxides (MnO) nanoparticles aggregation in solution: Chemical adsorption and cation bridging. *Environmental Pollution*, **2020**, 267, 115561	9.3	6
94	Nonradical Oxidation of Pollutants with Single-Atom-Fe(III)-Activated Persulfate: Fe(V) Being the Possible Intermediate Oxidant. *Environmental Science & Technology*, **2020**, 54, 14057-14065	10.3	54
93	The aggregation kinetics of manganese oxides nanoparticles in Al(III) electrolyte solutions: Roles of distinct Al(III) species and natural organic matters. *Science of the Total Environment*, **2020**, 744, 140814	10.2	4
92	Chlorination and bromination of olefins: Kinetic and mechanistic aspects. *Water Research*, **2020**, 187, 116424	12.5	6
91	Transformation of X-ray contrast media by conventional and advanced oxidation processes during water treatment: Efficiency, oxidation intermediates, and formation of iodinated byproducts. *Water Research*, **2020**, 185, 116234	12.5	11
90	The bromate formation accompanied by the degradation of 2,4-bromophenol in UV/peroxymonosulfate. *Separation and Purification Technology*, **2020**, 233, 116028	8.3	9
89	Transformation of tetracycline antibiotics during water treatment with unactivated peroxymonosulfate. *Chemical Engineering Journal*, **2020**, 379, 122378	14.7	32
88	Formation and control of bromate in sulfate radical-based oxidation processes for the treatment of waters containing bromide: A critical review. *Water Research*, **2020**, 176, 115725	12.5	29
87	Highly efficient removal of p-arsanilic acid with Fe(II)/peroxydisulfate under near-neutral conditions. *Water Research*, **2020**, 177, 115752	12.5	24
86	Enhanced transformation of sulfonamide antibiotics by manganese(IV) oxide in the presence of model humic constituents. *Water Research*, **2019**, 153, 200-207	12.5	33
85	Aggregation Kinetics of Manganese Oxides Formed from permanganate activated by (Bi)sulfite: Dual Role of Ca and Mn. *Water Research*, **2019**, 159, 454-463	12.5	8
84	Enhanced Permanganate Oxidation of Sulfamethoxazole and Removal of Dissolved Organics with Biochar: Formation of Highly Oxidative Manganese Intermediate Species and in Situ Activation of Biochar. *Environmental Science & Technology*, **2019**, 53, 5282-5291	10.3	62
83	Further understanding the involvement of Fe(IV) in peroxydisulfate and peroxymonosulfate activation by Fe(II) for oxidative water treatment. *Chemical Engineering Journal*, **2019**, 371, 842-847	14.7	90
82	Further insights into the combination of permanganate and peroxymonosulfate as an advanced oxidation process for destruction of aqueous organic contaminants. *Chemosphere*, **2019**, 228, 602-610	8.4	8
81	New Insights into the Combination of Permanganate and Bisulfite as a Novel Advanced Oxidation Process: Importance of High Valent Manganese-Oxo Species and Sulfate Radical. *Environmental Science & Technology*, **2019**, 53, 3689-3696	10.3	63
80	Activation of ferrate by carbon nanotube for enhanced degradation of bromophenols: Kinetics, products, and involvement of Fe(V)/Fe(IV). *Water Research*, **2019**, 156, 1-8	12.5	45
79	Oxidation of methylparaben (MeP) and p-hydroxybenzoic acid (p-HBA) by manganese dioxide (MnO) and effects of iodide: Efficiency, products, and toxicity. *Science of the Total Environment*, **2019**, 661, 670-677	10.2	12
78	Effect of chelators on the production and nature of the reactive intermediates formed in Fe(II) activated peroxydisulfate and hydrogen peroxide processes. *Water Research*, **2019**, 164, 114957	12.5	34

77	A novel strategy using peroxymonosulfate to control the formation of iodinated aromatic products in treatment of phenolic compounds by permanganate. *Environmental Science: Water Research and Technology*, **2019**, 5, 1515-1522	4.2	3
76	Carbon Materials Inhibit Formation of Nitrated Aromatic Products in Treatment of Phenolic Compounds by Thermal Activation of Peroxydisulfate in the Presence of Nitrite. *Environmental Science & Technology*, **2019**, 53, 9054-9062	10.3	9
75	Oxidation kinetics of anilines by aqueous permanganate and effects of manganese products: Comparison to phenols. *Chemosphere*, **2019**, 235, 104-112	8.4	16
74	Nonradical transformation of sulfamethoxazole by carbon nanotube activated peroxydisulfate: Kinetics, mechanism and product toxicity. *Chemical Engineering Journal*, **2019**, 378, 122147	14.7	33
73	Degradation of iopamidol by three UV-based oxidation processes: Kinetics, pathways, and formation of iodinated disinfection byproducts. *Chemosphere*, **2019**, 221, 270-277	8.4	35
72	Transformation of bisphenol AF and bisphenol S by permanganate in the absence/presence of iodide: Kinetics and products. *Chemosphere*, **2019**, 217, 402-410	8.4	22
71	Comparative study on degradation of propranolol and formation of oxidation products by UV/HO and UV/persulfate (PDS). *Water Research*, **2019**, 149, 543-552	12.5	56
70	Deposition Kinetics of Colloidal Manganese Dioxide onto Representative Surfaces in Aquatic Environments: The Role of Humic Acid and Biomacromolecules. *Environmental Science & Technology*, **2019**, 53, 146-156	10.3	22
69	Oxidation of 2,4-bromophenol by UV/PDS and formation of bromate and brominated products: A comparison to UV/H2O2. *Chemical Engineering Journal*, **2019**, 358, 1342-1350	14.7	35
68	Comparative study on ferrate oxidation of BPS and BPAF: Kinetics, reaction mechanism, and the improvement on their biodegradability. *Water Research*, **2019**, 148, 115-125	12.5	52
67	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	12.5	19
66	Chlorination of bisphenol S: Kinetics, products, and effect of humic acid. *Water Research*, **2018**, 131, 208-217	12.5	39
65	Oxidation of bromophenols by carbon nanotube activated peroxymonosulfate (PMS) and formation of brominated products: Comparison to peroxydisulfate (PDS). *Chemical Engineering Journal*, **2018**, 337, 40-50	14.7	115
64	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	10.3	44
63	Oxidation of steroid estrogens by peroxymonosulfate (PMS) and effect of bromide and chloride ions: Kinetics, products, and modeling. *Water Research*, **2018**, 138, 56-66	12.5	98
62	Enhanced degradation of antibiotic sulfamethoxazole by electrochemical activation of PDS using carbon anodes. *Chemical Engineering Journal*, **2018**, 344, 12-20	14.7	52
61	Insights into the effects of alcohols on hydrated electron (eaq) generation from the p-benzoquinone/UV process. *Applied Catalysis B: Environmental*, **2018**, 220, 477-487	21.8	8
60	Transformation of phenolic compounds by peroxymonosulfate in the presence of iodide and formation of iodinated aromatic products. *Chemical Engineering Journal*, **2018**, 335, 855-864	14.7	31

59	Electrochemical activation of persulfates at BDD anode: Radical or nonradical oxidation?. *Water Research*, **2018**, 128, 393-401	12.5	135
58	Transformation of substituted anilines by ferrate(VI): Kinetics, pathways, and effect of dissolved organic matter. *Chemical Engineering Journal*, **2018**, 332, 245-252	14.7	31
57	Mechanistic insight into suppression of bromate formation by dissolved organic matters in sulfate radical-based advanced oxidation processes. *Chemical Engineering Journal*, **2018**, 333, 200-205	14.7	24
56	The combination of ferrate(VI) and sulfite as a novel advanced oxidation process for enhanced degradation of organic contaminants. *Chemical Engineering Journal*, **2018**, 333, 11-19	14.7	86
55	Transformation of bisphenol AF and bisphenol S by manganese dioxide and effect of iodide. *Water Research*, **2018**, 143, 47-55	12.5	44
54	Oxidation of bisphenol A by nonradical activation of peroxymonosulfate in the presence of amorphous manganese dioxide. *Chemical Engineering Journal*, **2018**, 352, 1004-1013	14.7	102
53	Interpreting the effects of natural organic matter on antimicrobial activity of AgS nanoparticles with soft particle theory. *Water Research*, **2018**, 145, 12-20	12.5	25
52	Oxidation of fluoroquinolone antibiotics by peroxymonosulfate without activation: Kinetics, products, and antibacterial deactivation. *Water Research*, **2018**, 145, 210-219	12.5	60
51	Effect of iodide on transformation of phenolic compounds by nonradical activation of peroxydisulfate in the presence of carbon nanotube: Kinetics, impacting factors, and formation of iodinated aromatic products. *Chemosphere*, **2018**, 208, 559-568	8.4	15
50	Comparative investigation of X-ray contrast medium degradation by UV/chlorine and UV/HO. *Chemosphere*, **2018**, 193, 655-663	8.4	28
49	Highly effective oxidation of roxarsone by ferrate and simultaneous arsenic removal with in situ formed ferric nanoparticles. *Water Research*, **2018**, 147, 321-330	12.5	43
48	Enhanced removal of arsenite and arsenate by a multifunctional Fe-Ti-Mn composite oxide: Photooxidation, oxidation and adsorption. *Water Research*, **2018**, 147, 264-275	12.5	80
47	Impact of Phosphate on Ferrate Oxidation of Organic Compounds: An Underestimated Oxidant. *Environmental Science & Technology*, **2018**, 52, 13897-13907	10.3	59
46	Removal of Organoarsenic with Ferrate and Ferrate Resultant Nanoparticles: Oxidation and Adsorption. *Environmental Science & Technology*, **2018**, 52, 13325-13335	10.3	71
45	Is Sulfate Radical Really Generated from Peroxydisulfate Activated by Iron(II) for Environmental Decontamination?. *Environmental Science & Technology*, **2018**, 52, 11276-11284	10.3	216
44	Hydrated electron (eaq)generation from p-benzoquinone/UV: Combined experimental and theoretical study. *Applied Catalysis B: Environmental*, **2017**, 212, 150-158	21.8	18
43	Oxidation of inorganic compounds by aqueous permanganate: Kinetics and initial electron transfer steps. *Separation and Purification Technology*, **2017**, 183, 350-357	8.3	23
42	Factors affecting formation of deethyl and deisopropyl products from atrazine degradation in UV/H2O2 and UV/PDS. *RSC Advances*, **2017**, 7, 29255-29262	3.7	8

41	Unrecognized role of bisulfite as Mn(III) stabilizing agent in activating permanganate (Mn(VII)) for enhanced degradation of organic contaminants. *Chemical Engineering Journal*, **2017**, 327, 418-422	14.7	46
40	Degradation of sulfamethoxazole by UV, UV/HO and UV/persulfate (PDS): Formation of oxidation products and effect of bicarbonate. *Water Research*, **2017**, 118, 196-207	12.5	299
39	Nonradical oxidation from electrochemical activation of peroxydisulfate at Ti/Pt anode: Efficiency, mechanism and influencing factors. *Water Research*, **2017**, 116, 182-193	12.5	111
38	Significantly improving trace thallium removal from surface waters during coagulation enhanced by nanosized manganese dioxide. *Chemosphere*, **2017**, 168, 264-271	8.4	31
37	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	10.3	56
36	Kinetics of Oxidation of Iodide (I⁻) and Hypoiodous Acid (HOI) by Peroxymonosulfate (PMS) and Formation of Iodinated Products in the PMS/I⁻/NOM System. *Environmental Science and Technology Letters*, **2017**, 4, 76-82	11	49
35	Activation of peroxymonosulfate by phenols: Important role of quinone intermediates and involvement of singlet oxygen. *Water Research*, **2017**, 125, 209-218	12.5	152
34	Effective removal of trace thallium from surface water by nanosized manganese dioxide enhanced quartz sand filtration. *Chemosphere*, **2017**, 189, 1-9	8.4	24
33	Iodine Atom or Hypoiodous Acid? Comment on "Rapid Selective Circumneutral Degradation of Phenolic Pollutants Using Peroxymonosulfate-Iodide Metal-Free Oxidation: Role of Iodine Atoms". *Environmental Science & Technology*, **2017**, 51, 9410-9411	10.3	7
32	Oxidation Kinetics of Bromophenols by Nonradical Activation of Peroxydisulfate in the Presence of Carbon Nanotube and Formation of Brominated Polymeric Products. *Environmental Science & Technology*, **2017**, 51, 10718-10728	10.3	102
31	Degradation of Bisphenol S by heat activated persulfate: Kinetics study, transformation pathways and influences of co-existing chemicals. *Chemical Engineering Journal*, **2017**, 328, 236-245	14.7	104
30	Hydrated electron (e_{aq}^-) generation from phenol/UV: Efficiency, influencing factors, and mechanism. *Applied Catalysis B: Environmental*, **2017**, 200, 585-593	21.8	35
29	Oxidation of the odorous compound 2,4,6-trichloroanisole by UV activated persulfate: Kinetics, products, and pathways. *Water Research*, **2016**, 96, 12-21	12.5	148
28	Degradation of atrazine by UV/chlorine: Efficiency, influencing factors, and products. *Water Research*, **2016**, 90, 15-23	12.5	205
27	Transformation of Flame Retardant Tetrabromobisphenol A by Aqueous Chlorine and the Effect of Humic Acid. *Environmental Science & Technology*, **2016**, 50, 9608-18	10.3	52
26	Adsorption and Oxidation of Thallium(I) by a Nanosized Manganese Dioxide. *Water, Air, and Soil Pollution*, **2015**, 226, 1	2.6	62
25	Reduction-induced aggregation and/or dissolution of MnO2 colloids by organics. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2015**, 482, 485-490	5.1	8
24	Activation of Peroxymonosulfate by Benzoquinone: A Novel Nonradical Oxidation Process. *Environmental Science & Technology*, **2015**, 49, 12941-50	10.3	602

23	Reduction-induced aggregation of manganese dioxide colloids by guaiacol. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2015**, 465, 106-112	5.1	11
22	Role of the propagation reactions on the hydroxyl radical formation in ozonation and peroxone (ozone/hydrogen peroxide) processes. *Water Research*, **2015**, 68, 750-8	12.5	56
21	Effects of humic acid and surfactants on the aggregation kinetics of manganese dioxide colloids. *Frontiers of Environmental Science and Engineering*, **2015**, 9, 105-111	5.8	11
20	Production of sulfate radical and hydroxyl radical by reaction of ozone with peroxymonosulfate: a novel advanced oxidation process. *Environmental Science & Technology*, **2015**, 49, 7330-9	10.3	324
19	Simulation and comparative study on the oxidation kinetics of atrazine by UV/HDI, UV/HSO2 and UV/SDI. *Water Research*, **2015**, 80, 99-108	12.5	203
18	ABTS as an Electron Shuttle to Enhance the Oxidation Kinetics of Substituted Phenols by Aqueous Permanganate. *Environmental Science & Technology*, **2015**, 49, 11764-71	10.3	37
17	Understanding the role of manganese dioxide in the oxidation of phenolic compounds by aqueous permanganate. *Environmental Science & Technology*, **2015**, 49, 520-8	10.3	79
16	Oxidation of flame retardant tetrabromobisphenol a by aqueous permanganate: reaction kinetics, brominated products, and pathways. *Environmental Science & Technology*, **2014**, 48, 615-23	10.3	81
15	Oxidation of bromophenols and formation of brominated polymeric products of concern during water treatment with potassium permanganate. *Environmental Science & Technology*, **2014**, 48, 10850-8	10.3	89
14	The confounding effects of dissolved humic acid on the oxidation of simple substituted phenols by permanganate: comment on "reinvestigation of the role of humic acid in the oxidation of phenols by permanganate". *Environmental Science & Technology*, **2014**, 48, 6518-9	10.3	9
13	Aggregation kinetics of manganese dioxide colloids in aqueous solution: influence of humic substances and biomacromolecules. *Environmental Science & Technology*, **2013**, 47, 10285-92	10.3	128
12	Reaction kinetics and transformation of antipyrine chlorination with free chlorine. *Water Research*, **2013**, 47, 2830-42	12.5	38
11	Oxidation of phenolic endocrine disrupting chemicals by potassium permanganate in synthetic and real waters. *Environmental Science & Technology*, **2012**, 46, 1774-81	10.3	155
10	Oxidation of sulfoxides and arsenic(III) in corrosion of nanoscale zero valent iron by oxygen: evidence against ferryl ions (Fe(IV)) as active intermediates in Fenton reaction. *Environmental Science & Technology*, **2011**, 45, 307-12	10.3	198
9	Role of ligands in permanganate oxidation of organics. *Environmental Science & Technology*, **2010**, 44, 4270-5	10.3	127
8	Dechlorination of chlorophenols mediated by carbon nanotubes in the presence of oxygen. *Carbon*, **2009**, 47, 2115-2117	10.4	10
7	Oxidation of triclosan by permanganate (Mn(VII)): importance of ligands and in situ formed manganese oxides. *Environmental Science & Technology*, **2009**, 43, 8326-31	10.3	155
6	Comment on "Adsorption of hydroxyl- and amino-substituted aromatics to carbon nanotubes". *Environmental Science & Technology*, **2009**, 43, 3398-9; author reply 3400-1	10.3	18

5	New insight into the oxidation of arsenite by the reaction of zerovalent iron and oxygen. Comment on "pH dependence of Fenton reagent generation and As(III) oxidation and removal by corrosion of zero valent iron in aerated water". *Environmental Science & Technology*, **2009**, 43, 3978-9; author reply 3980-1	10.3	20
4	Comment on "Factors affecting the yield of oxidants from the reaction of nanoparticulate zero-valent iron and oxygen". *Environmental Science & Technology*, **2008**, 42, 5377; author reply 5378	10.3	23
3	Adsorptive fractionation of humic acid at air-water interfaces. *Environmental Science & Technology*, **2007**, 41, 4959-64	10.3	18
2	Evidence for the involvement of Fe(IV) in water treatment by Fe(III)-activated sulfite. *Environmental Chemistry Letters*,1	13.3	0
1	Ammonia-oxidizing microbes and biological ammonia removal in drinking water treatment. *Environmental Science: Water Research and Technology*,	4.2	