Yang Deng

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.

144 papers	7,929 citations	41 h-index	87 g-index
149 ext. papers	9,213 ext. citations	7.9 avg, IF	6.68 L-index

#	Paper	IF	Citations
144	Reinvestigation of the oxidation of organic contaminants by Fe(VI): Kinetics and effects of water matrix constituents.. *Journal of Hazardous Materials*, **2022**, 430, 128421	12.8	2
143	Identification and manipulation of active centers on perovskites to enhance catalysis of peroxymonosulfate for degradation of emerging pollutants in water. *Journal of Hazardous Materials*, **2022**, 424, 127384	12.8	2
142	Spatio-temporal variability of halogenated disinfection by-products in a large-scale two-source water distribution system with enhanced chlorination. *Journal of Hazardous Materials*, **2022**, 423, 127113	12.8	1
141	Effects of ciprofloxacin on Eichhornia crassipes phytoremediation performance and physiology under hydroponic conditions.. *Environmental Science and Pollution Research*, **2022**, 1	5.1	0
140	Degradation of bisphenol A by UV/persulfate process in the presence of bromide: Role of reactive bromine.. *Water Research*, **2022**, 215, 118288	12.5	1
139	Generality and diversity on the kinetics, toxicity and DFT studies of sulfate radical-induced transformation of BPA and its analogues.. *Water Research*, **2022**, 219, 118506	12.5	0
138	Household cooking with seaweed salts and chloraminated tap water produce harmful iodinated disinfection by-products. *Chemical Engineering Journal*, **2021**, 431, 133471	14.7	4
137	Is Sulfate Radical a ROS?. *Environmental Science & Technology*, **2021**, 55, 15010-15012	10.3	7
136	Copper in LaMnO to promote peroxymonosulfate activation by regulating the reactive oxygen species in sulfamethoxazole degradation. *Journal of Hazardous Materials*, **2021**, 411, 125163	12.8	23
135	Making Waves: Principles for the Design of Sustainable Household Water Treatment. *Water Research*, **2021**, 198, 117151	12.5	2
134	Occurrence of Emerging Contaminant Acesulfame in Water Treatment System and Its Degradation during Ozone Oxidation. *Ozone: Science and Engineering*, **2021**, 43, 185-194	2.4	2
133	Chemically enhanced primary treatment of municipal wastewater with ferrate(VI). *Water Environment Research*, **2021**, 93, 817-825	2.8	5
132	Direct regeneration of ion exchange resins with sulfate radical-based advanced oxidation for enabling a cyclic adsorption regeneration treatment approach to aqueous perfluorooctanoic acid (PFOA). *Chemical Engineering Journal*, **2021**, 405, 126698	14.7	14
131	Wood mulch coated with iron-based water treatment residuals for the abatement of metals and phosphorus in simulated stormwater runoff. *Environmental Technology and Innovation*, **2021**, 21, 101214	7	0
130	Impacts of pre-oxidation on the formation of disinfection byproducts from algal organic matter in subsequent chlor(am)ination: A review. *Science of the Total Environment*, **2021**, 754, 141955	10.2	36
129	Intensified Disinfection Amid COVID-19 Pandemic Poses Potential Risks to Water Quality and Safety. *Environmental Science & Technology*, **2021**, 55, 4084-4086	10.3	29
128	Performance and mechanism of a novel woodchip embedded biofilm electrochemical reactor (WBER) for nitrate-contaminated wastewater treatment. *Chemosphere*, **2021**, 276, 130250	8.4	4

127	Three Kinetic Patterns for the Oxidation of Emerging Organic Contaminants by Fe(VI): The Critical Roles of Fe(V) and Fe(IV). *Environmental Science & Technology*, **2021**,	10.3	13
126	The occurrence and control of waterborne viruses in drinking water treatment: A review. *Chemosphere*, **2021**, 281, 130728	8.4	12
125	Pollution in rainwater harvesting: A challenge for sustainability and resilience of urban agriculture. *Journal of Hazardous Materials Letters*, **2021**, 2, 100037	3.3	1
124	Adsorption of perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) by aluminum-based drinking water treatment residuals. *Journal of Hazardous Materials Letters*, **2021**, 2, 100034	3.3	2
123	Destruction of Per- and Polyfluoroalkyl Substances (PFAS) with Advanced Reduction Processes (ARPs): A Critical Review. *Environmental Science & Technology*, **2020**, 54, 3752-3766	10.3	89
122	Low-cost adsorbents for urban stormwater pollution control. *Frontiers of Environmental Science and Engineering*, **2020**, 14, 1	5.8	13
121	Removal of meropenem from environmental matrices by electrochemical oxidation using Co/Bi/TiO2 nanotube electrodes. *Environmental Science: Water Research and Technology*, **2020**, 6, 2197-2208	4.2	3
120	Mechanisms and performance of calcium peroxide-enhanced Fe(II) coagulation for treatment of Microcystis aeruginosa-laden water. *Environmental Science: Water Research and Technology*, **2020**, 6, 1272-1285	4.2	4
119	Development of a novel palm fiber biofilm electrode reactor (PBER) for nitrate-contaminated wastewater treatment: performance and mechanism. *Environmental Science: Water Research and Technology*, **2020**, 6, 839-850	4.2	5
118	One-step Ferrate(VI) treatment as a core process for alternative drinking water treatment. *Chemosphere*, **2020**, 242, 125134	8.4	23
117	Emergency water treatment with combined ferrate(VI) and ferric salts for disasters and disease outbreaks. *Environmental Science: Water Research and Technology*, **2020**, 6, 2816-2831	4.2	10
116	Review on electrochemical system for landfill leachate treatment: Performance, mechanism, application, shortcoming, and improvement scheme. *Science of the Total Environment*, **2020**, 745, 140768	10.2	38
115	Decreases Bioavailability of Arsenic(V) via Biotransformation of Manganese Oxide into Biogenic Oxalate Minerals. *Journal of Fungi (Basel, Switzerland)*, **2020**, 6,	5.6	1
114	Virus Monitoring and Removal in Natural and Built Systems. *Journal of Environmental Engineering, ASCE*, **2020**, 146, 01820001	2	1
113	Coagulation of Iodide-Containing Resorcinol Solution or Natural Waters with Ferric Chloride Can Produce Iodinated Coagulation Byproducts. *Environmental Science & Technology*, **2019**, 53, 12407-12415	10.3	16
112	Re-evaluation of sulfate radical based-advanced oxidation processes (SR-AOPs) for treatment of raw municipal landfill leachate. *Water Research*, **2019**, 153, 100-107	12.5	63
111	Water treatment residual-coated wood mulch for addressing urban stormwater pollution. *Water Environment Research*, **2019**, 91, 523-535	2.8	6
110	Disinfection byproduct formation during drinking water treatment and distribution: A review of unintended effects of engineering agents and materials. *Water Research*, **2019**, 160, 313-329	12.5	69

109	Leaching of polycyclic aromatic hydrocarbons (PAHs) from sewage sludge-derived biochar. *Chemical Engineering Journal*, **2019**, 373, 840-845	14.7	33
108	Enhancing oxidative capability of Ferrate(VI) for oxidative destruction of phenol in water through intercalation of Ferrate(VI) into layered double hydroxide. *Applied Clay Science*, **2019**, 171, 48-56	5.2	6
107	Aluminum-Impregnated Biochar for Adsorption of Arsenic(V) in Urban Stormwater Runoff. *Journal of Environmental Engineering, ASCE*, **2019**, 145, 04019008	2	15
106	Influencing factors and kinetic studies of imidacloprid degradation by ozonation. *Environmental Technology (United Kingdom)*, **2019**, 40, 2127-2134	2.6	21
105	Characterization of ultraviolet-quenching dissolved organic matter (DOM) in mature and young leachates before and after biological pre-treatment. *Environmental Science: Water Research and Technology*, **2018**, 4, 731-738	4.2	10
104	Coagulation of colloidal particles with ferrate(VI). *Environmental Science: Water Research and Technology*, **2018**, 4, 701-710	4.2	28
103	Emergency water treatment with ferrate(VI) in response to natural disasters. *Environmental Science: Water Research and Technology*, **2018**, 4, 359-368	4.2	18
102	Adsorption of UV-quenching substances (UVQS) from landfill leachate with activated carbon. *Chemical Engineering Journal*, **2018**, 350, 739-746	14.7	41
101	Characterization of Dissolved Organic Matter in Mature Leachate during Ammonia Stripping and Two-Stage Aged-Refuse Bioreactor Treatment. *Journal of Environmental Engineering, ASCE*, **2018**, 144, 04017082	2	4
100	The contribution of atmospheric particulate matter to the formation of CXR-type disinfection by-products in rainwater during chlorination. *Water Research*, **2018**, 145, 531-540	12.5	19
99	Ferrate(VI) decomposition in water in the absence and presence of natural organic matter (NOM). *Chemical Engineering Journal*, **2018**, 334, 2335-2342	14.7	34
98	Research on the treatment of biologically treated landfill leachate by joint electrochemical system. *Waste Management*, **2018**, 82, 177-187	8.6	28
97	Assessment of Soil and Water Contamination at the Tab-Simco Coal Mine: A Case Study. *Mine Water and the Environment*, **2017**, 36, 248-254	2.4	10
96	Production of trihalomethanes, haloacetaldehydes and haloacetonitriles during chlorination of microcystin-LR and impacts of pre-oxidation on their formation. *Journal of Hazardous Materials*, **2017**, 327, 153-160	12.8	39
95	Risk assessment and interpretation of heavy metal contaminated soils on an urban brownfield site in New York metropolitan area. *Environmental Science and Pollution Research*, **2017**, 24, 23549-23558	5.1	10
94	Addressing harmful algal blooms (HABs) impacts with ferrate(VI): Simultaneous removal of algal cells and toxins for drinking water treatment. *Chemosphere*, **2017**, 186, 757-761	8.4	19
93	Chemical oxidation for mitigation of UV-quenching substances (UVQS) from municipal landfill leachate: Fenton process versus ozonation. *Water Research*, **2017**, 108, 260-270	12.5	74
92	M-PGMA as a new water treatment agent to remove oxytetracycline from water. *Water Science and Technology: Water Supply*, **2016**, 16, 295-304	1.4	2

91	Formation of bromate during ferrate(VI) oxidation of bromide in water. *Chemosphere*, **2016**, 155, 528-538.	4	28
90	Water Treatment Residuals and Scrap Tire Rubber as Green Sorbents for Removal of Stormwater Metals. *Water Environment Research*, **2016**, 88, 500-9	2.8	13
89	Settleability and characteristics of ferrate(VI)-induced particles in advanced wastewater treatment. *Water Research*, **2016**, 93, 172-178	12.5	34
88	Mitigation and degradation of natural organic matters (NOMs) during ferrate(VI) application for drinking water treatment. *Chemosphere*, **2016**, 146, 145-53	8.4	41
87	Zero-valent iron (ZVI) activation of persulfate (PS) for oxidation of bentazon in water. *Chemical Engineering Journal*, **2016**, 285, 660-670	14.7	179
86	Increased formation of halomethanes during chlorination of chloramphenicol in drinking water by UV irradiation, persulfate oxidation, and combined UV/persulfate pre-treatments. *Ecotoxicology and Environmental Safety*, **2016**, 124, 147-154	7	26
85	The Effect of Regeneration Techniques on Periapical Surgery With Different Protocols for Different Lesion Types: A Meta-Analysis. *Journal of Oral and Maxillofacial Surgery*, **2016**, 74, 239-46	1.8	9
84	Ferrate(VI) Reaction with Effluent Organic Matter (EfOM) in Secondary Effluent for Water Reuse. *ACS Symposium Series*, **2016**, 411-420	0.4	4
83	Effects of UV/PS and UV/H 2 O 2 pre-oxidations on the formation of trihalomethanes and haloacetonitriles during chlorination and chloramination of free amino acids and short oligopeptides. *Chemical Engineering Journal*, **2016**, 301, 65-72	14.7	32
82	Water treatment residual (WTR)-coated wood mulch for alleviation of toxic metals and phosphorus from polluted urban stormwater runoff. *Chemosphere*, **2016**, 154, 289-292	8.4	34
81	Net-zero water management: achieving energy-positive municipal water supply. *Environmental Science: Water Research and Technology*, **2016**, 2, 250-260	4.2	17
80	Degradation of florfenicol in water by UV/Na2S 2O 8 process. *Environmental Science and Pollution Research*, **2015**, 22, 8693-701	5.1	36
79	Advanced Oxidation Processes (AOPs) in Wastewater Treatment. *Current Pollution Reports*, **2015**, 1, 167-176	7.6	639
78	Effect of the mixing ratio during co-treatment of landfill leachate and sewage with a combined stripping and reversed A□/O process. *Environmental Technology (United Kingdom)*, **2015**, 36, 2668-73	2.6	4
77	Degradation of pCNB by Fenton like process using □-FeOOH. *Chemical Engineering Journal*, **2015**, 260, 28-36	14.7	79
76	Peptide bonds affect the formation of haloacetamides, an emerging class of N-DBPs in drinking water: free amino acids versus oligopeptides. *Scientific Reports*, **2015**, 5, 14412	4.9	21
75	Occurrence of algae and algae-related taste and odour (T&O) compounds in the Qingcaosha Reservoir, China **2015**, 64, 824-831		10
74	Comparative Evaluation of Aluminum Sulfate and Ferric Sulfate-Induced Coagulations as Pretreatment of Microfiltration for Treatment of Surface Water. *International Journal of Environmental Research and Public Health*, **2015**, 12, 6700-9	4.6	13

73	Performance of a New Magnetic Chitosan Nanoparticle to Remove Arsenic and Its Separation from Water. *Journal of Nanomaterials*, **2015**, 2015, 1-9	3.2	5
72	Quantitative analysis of trace levels of □-ionone in water by liquid-liquid-phase extraction-gas chromatography-mass spectrometry (LLE-GC-MS). *Journal of Central South University*, **2015**, 22, 472-477	2.1	4
71	Microcystin-RR degradation by ozonation. *Desalination and Water Treatment*, **2015**, 55, 1060-1067		2
70	Kinetic oxidation of antipyrine in heat-activated persulfate. *Desalination and Water Treatment*, **2015**, 53, 263-271		16
69	Desorption of bisphenol-A (BPA) and regeneration of BPA-spent granular activated carbon using ultrasonic irradiation and organic solvent extraction. *Desalination and Water Treatment*, **2015**, 54, 3106-3113		7
68	Control of Halogenated N-DBP Precursors Using Traditional and Advanced Drinking Water Treatment Processes: A Pilot-Scale Study in China□ Lake Taihu. *ACS Symposium Series*, **2015**, 307-339	0.4	2
67	Heat-activated persulfate oxidation of sulfamethoxazole in water. *Desalination and Water Treatment*, **2015**, 56, 2225-2233		29
66	Principal component analysis to assess the efficiency and mechanism for enhanced coagulation of natural algae-laden water using a novel dual coagulant system. *Environmental Science and Pollution Research*, **2014**, 21, 2122-2131	5.1	8
65	Arsenic removal in synthetic ground water using iron electrolysis. *Separation and Purification Technology*, **2014**, 122, 225-230	8.3	22
64	Radical induced degradation of acetaminophen with Fe3O4 magnetic nanoparticles as heterogeneous activator of peroxymonosulfate. *Journal of Hazardous Materials*, **2014**, 276, 452-60	12.8	345
63	Characterization of algal organic matters of Microcystis aeruginosa: biodegradability, DBP formation and membrane fouling potential. *Water Research*, **2014**, 52, 199-207	12.5	103
62	Principal component analysis to assess the efficiency and mechanism for ultraviolet-C/polyaluminum chloride enhanced coagulation of algae-laden water. *Water Science and Technology: Water Supply*, **2014**, 14, 493-503	1.4	1
61	Integrated Principal Component Analysis of Microcystis aeruginosa Dissolved Organic Matter and Assessment of UV-C Pre-Treatment on Cyanobacteria-Containing Water. *Clean - Soil, Air, Water*, **2014**, 42, 442-448	1.6	5
60	Zero-valent iron/persulfate(Fe0/PS) oxidation acetaminophen in water. *International Journal of Environmental Science and Technology*, **2014**, 11, 881-890	3.3	69
59	Degradation of antipyrine by UV, UV/H□□ and UV/PS. *Journal of Hazardous Materials*, **2013**, 260, 1008-16	12.8	205
58	Degradation of antipyrine by heat activated persulfate. *Separation and Purification Technology*, **2013**, 109, 122-128	8.3	120
57	Thermally activated persulfate (TAP) oxidation of antiepileptic drug carbamazepine in water. *Chemical Engineering Journal*, **2013**, 228, 765-771	14.7	186
56	Principal component analysis to assess the composition and fate of impurities in a large river-embedded reservoir: Qingcaosha Reservoir. *Environmental Sciences: Processes and Impacts*, **2013**, 15, 1613-21	4.3	10

55	Ambient iron-mediated aeration (IMA) for water reuse. *Water Research*, **2013**, 47, 850-8	12.5	12
54	Phytotoxicity and uptake of nanoscale zero-valent iron (nZVI) by two plant species. *Science of the Total Environment*, **2013**, 443, 844-9	10.2	157
53	Factors Affecting UV/H2O2 Oxidation of 17Ethynyestradiol in Water. *Clean - Soil, Air, Water*, **2013**, 41, 143-147	1.6	8
52	Effects of different algaecides on the photosynthetic capacity, cell integrity and microcystin-LR release of Microcystis aeruginosa. *Science of the Total Environment*, **2013**, 463-464, 111-9	10.2	104
51	Factors affecting sonolytic degradation of sulfamethazine in water. *Ultrasonics Sonochemistry*, **2013**, 20, 1401-7	8.9	55
50	Nanoscale iron hydroxide-doped granular activated carbon (Fe-GAC) as a sorbent for perchlorate in water. *Chemical Engineering Journal*, **2013**, 222, 520-526	14.7	41
49	Removal of perchlorate in water by calcined MgAl-CO3 layered double hydroxides. *Water Environment Research*, **2013**, 85, 331-9	2.8	3
48	Aqueous chlorination of algal odorants: Reaction kinetics and formation of disinfection by-products. *Separation and Purification Technology*, **2012**, 92, 93-99	8.3	14
47	Immediate and long-term impacts of potassium permanganate on photosynthetic activity, survival and microcystin-LR release risk of Microcystis aeruginosa. *Journal of Hazardous Materials*, **2012**, 219-220, 267-75	12.8	37
46	A predictive model for the formation potential of dichloroacetamide, a nitrogenous disinfection by-product formed during chlorination. *International Journal of Environmental Science and Technology*, **2012**, 9, 701-704	3.3	5
45	Immediate and long-term impacts of UV-C irradiation on photosynthetic capacity, survival and microcystin-LR release risk of Microcystis aeruginosa. *Water Research*, **2012**, 46, 1241-50	12.5	69
44	Characterization of intracellular & extracellular algae organic matters (AOM) of Microcystic aeruginosa and formation of AOM-associated disinfection byproducts and odor & taste compounds. *Water Research*, **2012**, 46, 1233-40	12.5	305
43	Factors affecting ultraviolet irradiation/hydrogen peroxide (UV/H2O2) degradation of mixed N-nitrosamines in water. *Journal of Hazardous Materials*, **2012**, 231-232, 43-8	12.8	78
42	Ultraviolet (UV) light-activated persulfate oxidation of sulfamethazine in water. *Chemical Engineering Journal*, **2012**, 195-196, 248-253	14.7	306
41	Heat-activated persulfate oxidation of diuron in water. *Chemical Engineering Journal*, **2012**, 203, 294-300	14.7	217
40	Adsorption of perchlorate from water using calcined iron-based layered double hydroxides. *Applied Clay Science*, **2012**, 65-66, 80-86	5.2	19
39	Adsorption of Two Taste and Odor Compounds IPMP and IBMP by Granular Activated Carbon in Water. *Clean - Soil, Air, Water*, **2012**, 40, 1349-1356	1.6	5
38	Evaluation of DNA extraction methods for the analysis of microbial community in biological activated carbon. *Environmental Technology (United Kingdom)*, **2012**, 33, 437-44	2.6	5

37	Solar power-driven humidification□dehumidification (HDH) process for desalination of brackish water. *Desalination*, **2012**, 305, 17-23	10.3	41
36	Multiwalled carbon nanotubes as adsorbents for removal of herbicide diuron from aqueous solution. *Chemical Engineering Journal*, **2012**, 193-194, 339-347	14.7	77
35	Ozone-biological activated carbon integrated treatment for removal of precursors of halogenated nitrogenous disinfection by-products. *Chemosphere*, **2012**, 86, 1087-91	8.4	112
34	Adsorption of microcystin-LR from water with iron oxide nanoparticles. *Water Environment Research*, **2012**, 84, 562-8	2.8	16
33	Effects of inorganic anions on Fenton oxidation of organic species in landfill leachate. *Waste Management and Research*, **2012**, 30, 12-9	4	18
32	Sulfate radical-advanced oxidation process (SR-AOP) for simultaneous removal of refractory organic contaminants and ammonia in landfill leachate. *Water Research*, **2011**, 45, 6189-94	12.5	290
31	Degradation of bisphenol-A using ultrasonic irradiation assisted by low-concentration hydrogen peroxide. *Journal of Environmental Sciences*, **2011**, 23, 31-6	6.4	40
30	Impacts of drinking water pretreatments on the formation of nitrogenous disinfection by-products. *Bioresource Technology*, **2011**, 102, 11161-6	11	71
29	Formation of nitrogenous disinfection by-products from pre-chloramination. *Chemosphere*, **2011**, 85, 1187-91	8.4	38
28	Inactivation and degradation of Microcystis aeruginosa by UV-C irradiation. *Chemosphere*, **2011**, 85, 1192-8	8.4	36
27	PV cell-driven humidification-dehumidification (H/D) process for brine treatment. *Desalination and Water Treatment*, **2011**, 28, 328-337		1
26	Granular activated carbon (GAC) adsorption of two algal odorants, dimethyl trisulfide and □-cyclocitral. *Desalination*, **2011**, 266, 231-237	10.3	26
25	Mechanistic studies of Microcystic aeruginosa inactivation and degradation by UV-C irradiation and chlorination with poly-synchronous analyses. *Desalination*, **2011**, 272, 107-119	10.3	53
24	Perchlorate removal by granular activated carbon coated with cetyltrimethyl ammonium chloride. *Desalination*, **2011**, 275, 87-92	10.3	29
23	Perchlorate removal by granular activated carbon coated with cetyltrimethyl ammonium bromide. *Journal of Colloid and Interface Science*, **2011**, 357, 474-9	9.3	31
22	Precursors of dichloroacetamide, an emerging nitrogenous DBP formed during chlorination or chloramination. *Environmental Science & Technology*, **2010**, 44, 3908-12	10.3	174
21	Factors Controlling Surface Water Flow in a Low-gradient Subtropical Wetland. *Wetlands*, **2010**, 30, 275-286	1.7	11
20	Perchlorate removal using granular activated carbon supported iron compounds: synthesis, characterization and reactivity. *Journal of Environmental Sciences*, **2010**, 22, 1807-13	6.4	36

19	Impacts of hurricanes on surface water flow within a wetland. *Journal of Hydrology*, **2010**, 392, 164-173	6	8
18	Interactions between engineered nanoparticles (ENPs) and plants: phytotoxicity, uptake and accumulation. *Science of the Total Environment*, **2010**, 408, 3053-61	10.2	777
17	Formation of haloacetamides during chlorination of dissolved organic nitrogen aspartic acid. *Journal of Hazardous Materials*, **2010**, 173, 82-6	12.8	55
16	Sonolytic degradation of parathion and the formation of byproducts. *Ultrasonics Sonochemistry*, **2010**, 17, 802-9	8.9	19
15	Advanced Oxidation Processes (AOPs) for reduction of organic pollutants in landfill leachate: a review. *International Journal of Environment and Waste Management*, **2009**, 4, 366	0.9	42
14	Nitrite formation during low pressure ultraviolet lamp irradiation of nitrate. *Water Science and Technology*, **2009**, 60, 1393-400	2.2	19
13	Correlations between microbial indicators, pathogens, and environmental factors in a subtropical estuary. *Marine Pollution Bulletin*, **2009**, 58, 1374-81	6.7	51
12	Ametryn degradation in the ultraviolet (UV) irradiation/hydrogen peroxide (H2O2) treatment. *Journal of Hazardous Materials*, **2009**, 164, 640-5	12.8	63
11	Kinetics and oxidative mechanism for H2O2-enhanced iron-mediated aeration (IMA) treatment of recalcitrant organic compounds in mature landfill leachate. *Journal of Hazardous Materials*, **2009**, 169, 370-5	12.8	12
10	Novel photocatalytic reactor for degradation of DDT in water and its optimization model. *Journal of Zhejiang University: Science A*, **2009**, 10, 732-738	2.1	3
9	Experimental and model comparisons of H2O2 assisted UV photodegradation of Microcystin-LR in simulated drinking water. *Journal of Zhejiang University: Science A*, **2009**, 10, 1660-1669	2.1	17
8	Formation of chloroform during chlorination of alanine in drinking water. *Chemosphere*, **2009**, 77, 1346-51	3.4	48
7	Bromate ion formation in dark chlorination and ultraviolet/chlorination processes for bromide-containing water. *Journal of Environmental Sciences*, **2008**, 20, 246-51	6.4	35
6	Hydrogen peroxide-enhanced iron-mediated aeration for the treatment of mature landfill leachate. *Journal of Hazardous Materials*, **2008**, 153, 293-9	12.8	26
5	Physical and oxidative removal of organics during Fenton treatment of mature municipal landfill leachate. *Journal of Hazardous Materials*, **2007**, 146, 334-40	12.8	151
4	Electrochemical oxidation for landfill leachate treatment. *Waste Management*, **2007**, 27, 380-8	8.6	236
3	Oxidation of aqueous EDTA and associated organics and coprecipitation of inorganics by ambient iron-mediated aeration. *Environmental Science & Technology*, **2007**, 41, 270-6	10.3	92
2	Treatment of landfill leachate by the Fenton process. *Water Research*, **2006**, 40, 3683-94	12.5	456

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