

# Xin Yang

## List of Publications by Year in descending order

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126  
papers

8,970  
citations

36303

51  
h-index

45317

90  
g-index

126  
all docs

126  
docs citations

126  
times ranked

5599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron-mediated activation of persulfate and peroxymonosulfate in both homogeneous and heterogeneous ways: A review. <i>Chemical Engineering Journal</i> , 2020, 384, 123265.	12.7	544
2	Occurrence and removal of pharmaceuticals and personal care products (PPCPs) in an advanced wastewater reclamation plant. <i>Water Research</i> , 2011, 45, 5218-5228.	11.3	450
3	Radical Chemistry and Structural Relationships of PPCP Degradation by UV/Chlorine Treatment in Simulated Drinking Water. <i>Environmental Science &amp; Technology</i> , 2017, 51, 10431-10439.	10.0	449
4	Characterization of algal organic matter and formation of DBPs from chlor(am)ination. <i>Water Research</i> , 2010, 44, 5897-5906.	11.3	327
5	Rate Constants and Mechanisms of the Reactions of $Cl^{\bullet}$ and $Cl_2^{\bullet-}$ with Trace Organic Contaminants. <i>Environmental Science &amp; Technology</i> , 2019, 53, 11170-11182.	10.0	277
6	Roles of reactive chlorine species in trimethoprim degradation in the UV/chlorine process: Kinetics and transformation pathways. <i>Water Research</i> , 2016, 104, 272-282.	11.3	267
7	Factors affecting the roles of reactive species in the degradation of micropollutants by the UV/chlorine process. <i>Water Research</i> , 2017, 126, 351-360.	11.3	263
8	Formation of carbonaceous and nitrogenous disinfection by-products from the chlorination of <i>Microcystis aeruginosa</i> . <i>Water Research</i> , 2010, 44, 1934-1940.	11.3	252
9	Factors affecting formation of haloacetonitriles, haloketones, chloropicrin and cyanogen halides during chloramination. <i>Water Research</i> , 2007, 41, 1193-1200.	11.3	229
10	PPCP degradation by UV/chlorine treatment and its impact on DBP formation potential in real waters. <i>Water Research</i> , 2016, 98, 309-318.	11.3	186
11	Identifying the sources and fate of anthropogenically impacted dissolved organic matter (DOM) in urbanized rivers. <i>Water Research</i> , 2013, 47, 5027-5039.	11.3	165
12	The Multiple Role of Bromide Ion in PPCPs Degradation under UV/Chlorine Treatment. <i>Environmental Science &amp; Technology</i> , 2018, 52, 1806-1816.	10.0	157
13	Nitrogenous disinfection byproducts formation and nitrogen origin exploration during chloramination of nitrogenous organic compounds. <i>Water Research</i> , 2010, 44, 2691-2702.	11.3	148
14	Precursors and nitrogen origins of trichloronitromethane and dichloroacetonitrile during chlorination/chloramination. <i>Chemosphere</i> , 2012, 88, 25-32.	8.2	144
15	Correlations between organic matter properties and DBP formation during chloramination. <i>Water Research</i> , 2008, 42, 2329-2339.	11.3	132
16	UV/chlorine treatment of carbamazepine: Transformation products and their formation kinetics. <i>Water Research</i> , 2017, 116, 254-265.	11.3	125
17	Reactivity of Chlorine Radicals ( $Cl^{\bullet}$ and $Cl_2^{\bullet-}$ ) with Dissolved Organic Matter and the Formation of Chlorinated Byproducts. <i>Environmental Science &amp; Technology</i> , 2021, 55, 689-699.	10.0	124
18	Formation of disinfection byproducts upon chlorine dioxide preoxidation followed by chlorination or chloramination of natural organic matter. <i>Chemosphere</i> , 2013, 91, 1477-1485.	8.2	120

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19	Natural polyphenols enhanced the Cu(II)/peroxymonosulfate (PMS) oxidation: The contribution of Cu(III) and HO•. <i>Water Research</i> , 2020, 186, 116326.	11.3	117
20	Chlorination Byproduct Formation in the Presence of Humic Acid, Model Nitrogenous Organic Compounds, Ammonia, and Bromide. <i>Environmental Science &amp; Technology</i> , 2004, 38, 4995-5001.	10.0	113
21	Photosensitized degradation of acetaminophen in natural organic matter solutions: The role of triplet states and oxygen. <i>Water Research</i> , 2017, 109, 266-273.	11.3	112
22	Multiple Roles of Dissolved Organic Matter in Advanced Oxidation Processes. <i>Environmental Science &amp; Technology</i> , 2022, 56, 11111-11131.	10.0	112
23	DBP formation in breakpoint chlorination of wastewater. <i>Water Research</i> , 2005, 39, 4755-4767.	11.3	110
24	Surface-modified biochar in a bioretention system for <i>Escherichia coli</i> removal from stormwater. <i>Chemosphere</i> , 2017, 169, 89-98.	8.2	107
25	THM, HAA and CNCl formation from UV irradiation and chlor(am)ination of selected organic waters. <i>Water Research</i> , 2006, 40, 2033-2043.	11.3	105
26	Formation of disinfection byproducts from chlor(am)ination of algal organic matter. <i>Journal of Hazardous Materials</i> , 2011, 197, 378-388.	12.4	100
27	Investigation of disinfection byproducts formation in ferrate(VI) pre-oxidation of NOM and its model compounds followed by chlorination. <i>Journal of Hazardous Materials</i> , 2015, 292, 197-204.	12.4	97
28	Selective dissolution followed by EDDS washing of an e-waste contaminated soil: Extraction efficiency, fate of residual metals, and impact on soil environment. <i>Chemosphere</i> , 2017, 166, 489-496.	8.2	94
29	Formation of disinfection by-products after pre-oxidation with chlorine dioxide or ferrate. <i>Water Research</i> , 2013, 47, 5856-5864.	11.3	90
30	Occurrence and indicators of pharmaceuticals in Chinese streams: A nationwide study. <i>Environmental Pollution</i> , 2018, 236, 889-898.	7.5	90
31	Occurrence and fate of PPCPs and correlations with water quality parameters in urban riverine waters of the Pearl River Delta, South China. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5864-5875.	5.3	87
32	Ciprofloxacin adsorption on graphene and granular activated carbon: kinetics, isotherms, and effects of solution chemistry. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 3094-3102.	2.2	84
33	The roles of halides in the acetaminophen degradation by UV/H <sub>2</sub> O <sub>2</sub> treatment: Kinetics, mechanisms, and products analysis. <i>Chemical Engineering Journal</i> , 2015, 271, 214-222.	12.7	80
34	Formation of halogenated organic byproducts during medium-pressure UV and chlorine coexposure of model compounds, NOM and bromide. <i>Water Research</i> , 2011, 45, 6545-6554.	11.3	76
35	Discovering the Importance of ClO <sup>•</sup> in a Coupled Electrochemical System for the Simultaneous Removal of Carbon and Nitrogen from Secondary Coking Wastewater Effluent. <i>Environmental Science &amp; Technology</i> , 2020, 54, 9015-9024.	10.0	76
36	Impact of metal ions, metal oxides, and nanoparticles on the formation of disinfection byproducts during chlorination. <i>Chemical Engineering Journal</i> , 2017, 317, 777-792.	12.7	75

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37	A novel peroxymonosulfate (PMS)-enhanced iron coagulation process for simultaneous removal of trace organic pollutants in water. <i>Water Research</i> , 2020, 185, 116136.	11.3	74
38	Do poly(lactic acid) microplastics instigate a threat? A perception for their dynamic towards environmental pollution and toxicity. <i>Science of the Total Environment</i> , 2022, 832, 155014.	8.0	74
39	The occurrence of disinfection by-products in municipal drinking water in China's Pearl River Delta and a multipathway cancer risk assessment. <i>Science of the Total Environment</i> , 2013, 447, 108-115.	8.0	72
40	Disinfection byproducts and their toxicity in wastewater effluents treated by the mixing oxidant of ClO <sub>2</sub> /Cl <sub>2</sub> . <i>Water Research</i> , 2019, 162, 471-481.	11.3	70
41	Integrating EDDS-enhanced washing with low-cost stabilization of metal-contaminated soil from an e-waste recycling site. <i>Chemosphere</i> , 2016, 159, 426-432.	8.2	65
42	Gallic acid accelerated BDE47 degradation in PMS/Fe(III) system: Oxidation intermediates autocatalyzed redox cycling of iron. <i>Chemical Engineering Journal</i> , 2020, 384, 123248.	12.7	64
43	Comparison of colorimetric and membrane introduction mass spectrometry techniques for chloramine analysis. <i>Water Research</i> , 2007, 41, 3097-3102.	11.3	62
44	Chlorite formation during ClO <sub>2</sub> oxidation of model compounds having various functional groups and humic substances. <i>Water Research</i> , 2019, 159, 348-357.	11.3	62
45	The occurrence of polybrominated diphenyl ether (PBDE) contamination in soil, water/sediment, and air. <i>Environmental Science and Pollution Research</i> , 2019, 26, 23219-23241.	5.3	61
46	Occurrence of nitrogenous and carbonaceous disinfection byproducts in drinking water distributed in Shenzhen, China. <i>Chemosphere</i> , 2017, 188, 257-264.	8.2	60
47	Effects of ozone and ozone/peroxide pretreatments on disinfection byproduct formation during subsequent chlorination and chloramination. <i>Journal of Hazardous Materials</i> , 2012, 239-240, 348-354.	12.4	57
48	Degradation of 2,2,4,4-tetrabromodiphenyl ether (BDE-47) by a nano zerovalent iron-activated persulfate process: The effect of metal ions. <i>Chemical Engineering Journal</i> , 2017, 317, 613-622.	12.7	57
49	Sorption performance and mechanism of a sludge-derived char as porous carbon-based hybrid adsorbent for benzene derivatives in aqueous solution. <i>Journal of Hazardous Materials</i> , 2014, 274, 205-211.	12.4	56
50	Synergistic removal of ammonium by monochloramine photolysis. <i>Water Research</i> , 2019, 152, 226-233.	11.3	56
51	Photochemical oxidation of PPCPs using a combination of solar irradiation and free available chlorine. <i>Science of the Total Environment</i> , 2019, 682, 629-638.	8.0	52
52	Roles and Knowledge Gaps of Point-of-Use Technologies for Mitigating Health Risks from Disinfection Byproducts in Tap Water: A Critical Review. <i>Water Research</i> , 2021, 200, 117265.	11.3	51
53	Rate Constants and Mechanisms for Reactions of Bromine Radicals with Trace Organic Contaminants. <i>Environmental Science &amp; Technology</i> , 2021, 55, 10502-10513.	10.0	51
54	The influence of the UV/chlorine advanced oxidation of natural organic matter for micropollutant degradation on the formation of DBPs and toxicity during post-chlorination. <i>Chemical Engineering Journal</i> , 2019, 373, 870-879.	12.7	50

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55	The reactions of chlorine dioxide with inorganic and organic compounds in water treatment: kinetics and mechanisms. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2287-2312.	2.4	50
56	Enhanced removal of Cr(VI) in the Fe(III)/natural polyphenols system: role of the in situ generated Fe(II). <i>Journal of Hazardous Materials</i> , 2019, 377, 321-329.	12.4	49
57	Molecular characterization of transformation and halogenation of natural organic matter during the UV/chlorine AOP using FT-ICR mass spectrometry. <i>Journal of Environmental Sciences</i> , 2021, 102, 24-36.	6.1	49
58	Oxidation of tetrabromobisphenol A (TBBPA) by peroxymonosulfate: The role of in-situ formed HOBr. <i>Water Research</i> , 2020, 169, 115202.	11.3	47
59	Effects of UV irradiation and UV/chlorine co-exposure on natural organic matter in water. <i>Science of the Total Environment</i> , 2012, 414, 576-584.	8.0	45
60	Removal of chlorinated organic solvents from hydraulic fracturing wastewater by bare and entrapped nanoscale zero-valent iron. <i>Chemosphere</i> , 2018, 196, 9-17.	8.2	45
61	Nitrogen Origins and the Role of Ozonation in the Formation of Haloacetonitriles and Halonitromethanes in Chlorine Water Treatment. <i>Environmental Science &amp; Technology</i> , 2012, 46, 12832-12838.	10.0	41
62	A Novel UVA/CIO <sub>2</sub> Advanced Oxidation Process for the Degradation of Micropollutants in Water. <i>Environmental Science &amp; Technology</i> , 2022, 56, 1257-1266.	10.0	40
63	Removal of natural organic matter using surfactant-modified iron oxide-coated sand. <i>Journal of Hazardous Materials</i> , 2010, 174, 567-572.	12.4	39
64	Elimination kinetics and detoxification mechanisms of microcystin-LR during UV/Chlorine process. <i>Chemosphere</i> , 2019, 214, 702-709.	8.2	39
65	CIO <sub>2</sub> pre-oxidation changes the yields and formation pathways of chloroform and chloral hydrate from phenolic precursors during chlorination. <i>Water Research</i> , 2019, 148, 250-260.	11.3	38
66	Treating disinfection byproducts with UV or solar irradiation and in UV advanced oxidation processes: A review. <i>Journal of Hazardous Materials</i> , 2021, 408, 124435.	12.4	38
67	Kinetics and Transformations of Diverse Dissolved Organic Matter Fractions with Sulfate Radicals. <i>Environmental Science &amp; Technology</i> , 2022, 56, 4457-4466.	10.0	38
68	Quantification of aqueous cyanogen chloride and cyanogen bromide in environmental samples by MIMS. <i>Water Research</i> , 2005, 39, 1709-1718.	11.3	37
69	A solar-to-chemical conversion efficiency up to 0.26% achieved in ambient conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	37
70	Copper Inhibition of Triplet-Induced Reactions Involving Natural Organic Matter. <i>Environmental Science &amp; Technology</i> , 2018, 52, 2742-2750.	10.0	36
71	Combining solar irradiation with chlorination enhances the photochemical decomposition of microcystin-LR. <i>Water Research</i> , 2019, 159, 324-332.	11.3	36
72	The multiple roles of chlorite on the concentrations of radicals and ozone and formation of chlorate during UV photolysis of free chlorine. <i>Water Research</i> , 2021, 190, 116680.	11.3	36

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73	Differential UV-vis absorbance can characterize the reaction of organic matter with ClO <sub>2</sub> . <i>Water Research</i> , 2018, 139, 442-449.	11.3	35
74	Prediction of adsorption capacity for pharmaceuticals, personal care products and endocrine disrupting chemicals onto various adsorbent materials. <i>Chemosphere</i> , 2020, 238, 124658.	8.2	35
75	Degradation of tetrabromobisphenol A by ferrate(VI)-CaSO <sub>3</sub> process: Kinetics, products, and impacts on following disinfection by-products formation. <i>Journal of Hazardous Materials</i> , 2021, 412, 125297.	12.4	35
76	Redox-Active Moieties in Dissolved Organic Matter Accelerate the Degradation of Nitroimidazoles in SO <sub>4</sub> <sup>2-</sup> -Based Oxidation. <i>Environmental Science &amp; Technology</i> , 2021, 55, 14844-14853.	10.0	35
77	Effect of UV/chlorine treatment on photophysical and photochemical properties of dissolved organic matter. <i>Water Research</i> , 2021, 192, 116857.	11.3	34
78	Effect of pH on the formation of disinfection byproducts in ferrate(VI) pre-oxidation and subsequent chlorination. <i>Separation and Purification Technology</i> , 2015, 156, 980-986.	7.9	33
79	DBP formation from degradation of DEET and ibuprofen by UV/chlorine process and subsequent post-chlorination. <i>Journal of Environmental Sciences</i> , 2017, 58, 146-154.	6.1	33
80	Bromine Radical (Br <sup>•</sup> and Br <sub>2</sub> <sup>•+</sup> ) Reactivity with Dissolved Organic Matter and Brominated Organic Byproduct Formation. <i>Environmental Science &amp; Technology</i> , 2022, 56, 5189-5199.	10.0	33
81	Enhancement effects of ultrasound on secondary wastewater effluent disinfection by sodium hypochlorite and disinfection by-products analysis. <i>Ultrasonics Sonochemistry</i> , 2016, 29, 60-66.	8.2	32
82	Degradation and DBP formations from pyrimidines and purines bases during sequential or simultaneous use of UV and chlorine. <i>Water Research</i> , 2019, 165, 115023.	11.3	32
83	Multi-angle comparison of UV/chlorine, UV/monochloramine, and UV/chlorine dioxide processes for water treatment and reuse. <i>Water Research</i> , 2022, 217, 118414.	11.3	32
84	Kinetics and Mechanisms of Virus Inactivation by Chlorine Dioxide in Water Treatment: A Review. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 106, 560-567.	2.7	30
85	Electrospray Ionization-Tandem Mass Spectrometry Method for Differentiating Chlorine Substitution in Disinfection Byproduct Formation. <i>Environmental Science &amp; Technology</i> , 2014, 48, 4877-4884.	10.0	29
86	Role of Chlorine Dioxide in <i>N</i> -Nitrosodimethylamine Formation from Oxidation of Model Amines. <i>Environmental Science &amp; Technology</i> , 2015, 49, 11429-11437.	10.0	28
87	Both viable and inactivated amoeba spores protect their intracellular bacteria from drinking water disinfection. <i>Journal of Hazardous Materials</i> , 2021, 417, 126006.	12.4	27
88	Coexposure Degradation of Purine Derivatives in the Sulfate Radical-Mediated Oxidation Process. <i>Environmental Science &amp; Technology</i> , 2020, 54, 1186-1195.	10.0	26
89	Microplastics in the environment: Sampling, pretreatment, analysis and occurrence based on current and newly-exploited chromatographic approaches. <i>Science of the Total Environment</i> , 2021, 794, 148725.	8.0	26
90	Mechanisms and kinetics study on the trihalomethanes formation with carbon nanoparticle precursors. <i>Chemosphere</i> , 2016, 154, 391-397.	8.2	25

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91	The role of chlorine oxide radical (ClO•) in the degradation of polychloro-1,3-butadienes in UV/chlorine treatment: kinetics and mechanisms. <i>Water Research</i> , 2020, 183, 116056.	11.3	25
92	Micropollutant abatement and byproduct formation during the co-exposure of chlorine dioxide (ClO <sub>2</sub> ) and UVC radiation. <i>Journal of Hazardous Materials</i> , 2021, 419, 126424.	12.4	25
93	Influence of ultrasound enhancement on chlorine dioxide consumption and disinfection by-products formation for secondary effluents disinfection. <i>Ultrasonics Sonochemistry</i> , 2016, 28, 376-381.	8.2	23
94	Sorption, mobility, and bioavailability of PBDEs in the agricultural soils: Roles of co-existing metals, dissolved organic matter, and fertilizers. <i>Science of the Total Environment</i> , 2018, 619-620, 1153-1162.	8.0	23
95	Effects of KMnO <sub>4</sub> /NaHSO <sub>3</sub> pre-oxidation on the formation potential of disinfection by-products during subsequent chlorination. <i>Chemical Engineering Journal</i> , 2019, 372, 825-835.	12.7	22
96	Copper Inhibition of Triplet-Sensitized Phototransformation of Phenolic and Amine Contaminants. <i>Environmental Science &amp; Technology</i> , 2020, 54, 9980-9989.	10.0	22
97	Simultaneous removal of algae, microcystins and disinfection byproduct precursors by peroxymonosulfate (PMS)-enhanced Fe(III) coagulation. <i>Chemical Engineering Journal</i> , 2022, 445, 136689.	12.7	22
98	Application of Pretreatment Methods for Reliable Dissolved Organic Nitrogen Analysis in Water—A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 249-276.	12.8	20
99	Emerging investigators series: disinfection by-products in mixed chlorine dioxide and chlorine water treatment. <i>Environmental Science: Water Research and Technology</i> , 2016, 2, 838-847.	2.4	20
100	Transformation of dissolved organic matter during biological wastewater treatment and relationships with the formation of nitrogenous disinfection byproducts. <i>Water Research</i> , 2022, 222, 118870.	11.3	20
101	Cu(II)-catalyzed degradation of ampicillin: effect of pH and dissolved oxygen. <i>Environmental Science and Pollution Research</i> , 2018, 25, 4279-4288.	5.3	19
102	Role of Antioxidant Moieties in the Quenching of a Purine Radical by Dissolved Organic Matter. <i>Environmental Science &amp; Technology</i> , 2022, 56, 546-555.	10.0	19
103	Characteristics and DBP formation of dissolved organic matter from leachates of fresh and aged leaf litter. <i>Chemosphere</i> , 2016, 152, 335-344.	8.2	18
104	Spontaneous exciton dissociation in organic photocatalyst under ambient conditions for highly efficient synthesis of hydrogen peroxide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	17
105	Tetracycline antibiotics as precursors of dichloroacetamide and other disinfection byproducts during chlorination and chloramination. <i>Chemosphere</i> , 2021, 270, 128628.	8.2	16
106	UV254 irradiation of N-chloro- $\alpha$ -amino acids: Kinetics, mechanisms, and N-DBP formation potentials. <i>Water Research</i> , 2021, 199, 117204.	11.3	16
107	ClO <sub>2</sub> pre-oxidation changes dissolved organic matter at the molecular level and reduces chloro-organic byproducts and toxicity of water treated by the UV/chlorine process. <i>Water Research</i> , 2022, 216, 118341.	11.3	15
108	ClO <sub>2</sub> pre-oxidation impacts the formation and nitrogen origins of dichloroacetonitrile and dichloroacetamide during subsequent chloramination. <i>Water Research</i> , 2020, 186, 116313.	11.3	13

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109	Kinetics of cyanogen chloride destruction by chemical reduction methods. <i>Water Research</i> , 2005, 39, 2114-2124.	11.3	12
110	Transformation of adenine and cytosine in chlorination – An ESI-tqMS investigation. <i>Chemosphere</i> , 2019, 234, 505-512.	8.2	12
111	Distinct effects of copper on the degradation of $\beta$ -lactam antibiotics in fulvic acid solutions during light and dark cycle. <i>Environmental Science and Ecotechnology</i> , 2020, 3, 100051.	13.5	12
112	Factors affecting the formation of iodo-trihalomethanes during oxidation with chlorine dioxide. <i>Journal of Hazardous Materials</i> , 2014, 264, 91-97.	12.4	11
113	Prediction of Photolysis Kinetics of Viral Genomes under UV254 Irradiation to Estimate Virus Infectivity Loss. <i>Water Research</i> , 2021, 198, 117165.	11.3	10
114	Defining the molecular properties of N-nitrosodimethylamine (NDMA) precursors using computational chemistry. <i>Environmental Science: Water Research and Technology</i> , 2017, 3, 502-512.	2.4	9
115	Sequential ClO <sub>2</sub> -UV/chlorine process for micropollutant removal and disinfection byproduct control. <i>Science of the Total Environment</i> , 2022, 806, 150354.	8.0	9
116	Dosing low-level ferrous iron in coagulation enhances the removal of micropollutants, chlorite and chlorate during advanced water treatment. <i>Journal of Environmental Sciences</i> , 2022, 117, 119-128.	6.1	9
117	Bromide significantly promoted the abatement of micropollutants by peroxymonosulfate: Roles of HOBr and Br <sub>2</sub> . <i>Chemical Engineering Journal</i> , 2022, 443, 136492.	12.7	9
118	Dichlorine radicals (Cl <sub>2</sub> <sup>••</sup> ) promote the photodegradation of propranolol in estuarine and coastal waters. <i>Journal of Hazardous Materials</i> , 2021, 414, 125536.	12.4	8
119	Exploration of reaction rates of chlorine dioxide with tryptophan residue in oligopeptides and proteins. <i>Journal of Environmental Sciences</i> , 2020, 93, 129-136.	6.1	7
120	Enhanced formation of dichloroacetamide and dichloroacetonitrile during chloramination of drinking water and model organic matters in the presence of copper corrosion products. <i>Science of the Total Environment</i> , 2021, 785, 147242.	8.0	6
121	Synergistic cytotoxicity of binary combinations of inorganic and organic disinfection byproducts assessed by real-time cell analysis. <i>Journal of Environmental Sciences</i> , 2022, 117, 222-231.	6.1	5
122	Effluent Particle Size and Permeability of Polyvinylchloride Membranes after Sodium Hypochlorite Exposure. <i>Journal of Environmental Engineering, ASCE</i> , 2013, 139, 712-718.	1.4	4
123	Bromide and Other Halide Ion Removal From Drinking Waters Using Silver-Amended Coagulation. <i>Journal - American Water Works Association</i> , 2018, 110, 13-24.	0.3	4
124	A Review on Hexachloro-1,3-butadiene (HCBD): Sources, Occurrence, Toxicity and Transformation. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 1-7.	2.7	4
125	Enhanced formation of trichloronitromethane precursors during UV/monochloramine treatment. <i>Journal of Hazardous Materials</i> , 2022, 422, 126813.	12.4	4
126	A Portable Plasma Sterilizer. <i>Plasma Chemistry and Plasma Processing</i> , 2017, 37, 77-97.	2.4	2