

Micheal J Plewa

List of Publications by Year in descending order

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Version: 2024-02-01

189
papers

16,307
citations

17440

63
h-index

16650

123
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all docs

189
docs citations

189
times ranked

9276
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging investigator series: microplastic sources, fate, toxicity, detection, and interactions with micropollutants in aquatic ecosystems – a review of reviews. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 172-195.	3.5	22
2	Chemical characterization of dissolved organic matter as disinfection byproduct precursors by UV/fluorescence and ESI FT-ICR MS after smoldering combustion of leaf needles and woody trunks of pine (<i>Pinus jeffreyi</i>). <i>Water Research</i> , 2022, 209, 117962.	11.3	9
3	Iodoacetic acid exposure alters the transcriptome in mouse ovarian antral follicles. <i>Journal of Environmental Sciences</i> , 2022, 117, 46-57.	6.1	5
4	Inputs of disinfection by-products to the marine environment from various industrial activities: Comparison to natural production. <i>Water Research</i> , 2022, 217, 118383.	11.3	18
5	Preferential Halogenation of Algal Organic Matter by Iodine over Chlorine and Bromine: Formation of Disinfection Byproducts and Correlation with Toxicity of Disinfected Waters. <i>Environmental Science & Technology</i> , 2022, 56, 1244-1256.	10.0	27
6	Formation of Oleic Acid Chlorohydrins in Vegetables during Postharvest Chlorine Disinfection. <i>Environmental Science & Technology</i> , 2022, 56, 1233-1243.	10.0	6
7	Drivers of Disinfection Byproduct Cytotoxicity in U.S. Drinking Water: Should Other DBPs Be Considered for Regulation?. <i>Environmental Science & Technology</i> , 2022, 56, 392-402.	10.0	77
8	Formation of regulated and unregulated disinfection byproducts during chlorination and chloramination: Roles of dissolved organic matter type, bromide, and iodide. <i>Journal of Environmental Sciences</i> , 2022, 117, 151-160.	6.1	17
9	Relationships between regulated DBPs and emerging DBPs of health concern in U.S. drinking water. <i>Journal of Environmental Sciences</i> , 2022, 117, 161-172.	6.1	10
10	The elimination of cell-associated and non-cell-associated antibiotic resistance genes during membrane filtration processes: A review. <i>Science of the Total Environment</i> , 2022, 833, 155250.	8.0	9
11	Effects of prenatal and lactational exposure to iodoacetic acid on the F1 generation of mice. <i>Biology of Reproduction</i> , 2022, 107, 650-663.	2.7	1
12	Feel the Burn: Disinfection Byproduct Formation and Cytotoxicity during Chlorine Burn Events. <i>Environmental Science & Technology</i> , 2022, 56, 8245-8254.	10.0	10
13	Predicting COVID-19 Infected Individuals in a Defined Population from Wastewater RNA Data. <i>ACS ES&T Water</i> , 2022, 2, 2225-2232.	4.6	5
14	Removal of the precursors of regulated DBPs and TOX from surface waters and wastewater effluents using mixed anion exchange resins. <i>Chemosphere</i> , 2021, 263, 128094.	8.2	13
15	Characterization of Dissolved Organic Matter from Wildfire-induced <i>Microcystis aeruginosa</i> Blooms controlled by Copper Sulfate as Disinfection Byproduct Precursors Using APPI(-) and ESI(-) FT-ICR MS. <i>Water Research</i> , 2021, 189, 116640.	11.3	23
16	Making Swimming Pools Safer: Does Copper/Silver Ionization with Chlorine Lower the Toxicity and Disinfection Byproduct Formation?. <i>Environmental Science & Technology</i> , 2021, 55, 2908-2918.	10.0	36
17	Increased Organohalogen Diversity after Disinfection of Water from a Prescribed Burned Watershed. <i>ACS ES&T Water</i> , 2021, 1, 1274-1282.	4.6	3
18	In vitro effects-based method and water quality screening model for use in pre- and post-distribution treated waters. <i>Science of the Total Environment</i> , 2021, 768, 144750.	8.0	11

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19	Iodoacetic acid affects estrous cyclicity, ovarian gene expression, and hormone levels in mice. <i>Biology of Reproduction</i> , 2021, 105, 1030-1042.	2.7	21
20	Microwave regeneration of granular activated carbon saturated with PFAS. <i>Water Research</i> , 2021, 198, 117121.	11.3	33
21	Recovery of Critical Metals from Aqueous Sources. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11616-11634.	6.7	43
22	Predictive modeling of haloacetonitriles under uniform formation conditions. <i>Water Research</i> , 2021, 201, 117322.	11.3	8
23	Comparison of Estrogenic, Spectroscopic, and Toxicological Analyses of Pilot-Scale Water, Wastewaters, and Processed Wastewaters at Select Military Installations. <i>Environmental Science & Technology</i> , 2021, 55, 13103-13112.	10.0	2
24	Effect of superfine pulverization of powdered activated carbon on adsorption of carbamazepine in natural source waters. <i>Science of the Total Environment</i> , 2021, 793, 148473.	8.0	12
25	Stability of Oxygen Nanobubbles under Freshwater Conditions. <i>Water Research</i> , 2021, 206, 117749.	11.3	22
26	COVID-19 wastewater epidemiology: a model to estimate infected populations. <i>Lancet Planetary Health</i> , The, 2021, 5, e874-e881.	11.4	113
27	Removal of bromide from natural waters: Bromide-selective vs. conventional ion exchange resins. <i>Chemosphere</i> , 2020, 238, 124583.	8.2	58
28	Iodoacetic acid inhibits follicle growth and alters expression of genes that regulate apoptosis, the cell cycle, estrogen receptors, and ovarian steroidogenesis in mouse ovarian follicles. <i>Reproductive Toxicology</i> , 2020, 91, 101-108.	2.9	29
29	A comprehensive review of mathematical models developed for the estimation of organic disinfection byproducts. <i>Chemosphere</i> , 2020, 246, 125797.	8.2	14
30	Effect of bromide on NDMA formation during chloramination of model precursor compounds and natural waters. <i>Water Research</i> , 2020, 170, 115323.	11.3	12
31	Adsorption of perfluoroalkyl substances (PFAS) in groundwater by granular activated carbons: Roles of hydrophobicity of PFAS and carbon characteristics. <i>Water Research</i> , 2020, 170, 115364.	11.3	215
32	Hurricane resulted in releasing more nitrogenous than carbonaceous disinfection byproduct precursors in coastal watersheds. <i>Science of the Total Environment</i> , 2020, 705, 135785.	8.0	15
33	Effect of prescribed fires on the export of dissolved organic matter, precursors of disinfection by-products, and water treatability. <i>Water Research</i> , 2020, 187, 116385.	11.3	7
34	Estimation of haloacetonitriles formation in water: Uniform formation conditions versus formation potential tests. <i>Science of the Total Environment</i> , 2020, 744, 140987.	8.0	11
35	Total organic halogen (TOX) species formation at different locations in drinking water distribution systems. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2542-2552.	2.4	8
36	Toxicity of chlorinated algal-impacted waters: Formation of disinfection byproducts vs. reduction of cyanotoxins. <i>Water Research</i> , 2020, 184, 116145.	11.3	33

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37	Source characterization and removal of <i>N</i> -nitrosamine precursors during activated sludge treatment. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2432-2443.	2.4	2
38	Composite toxicity assays for enhanced assessment of decentralized potable reuse systems. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 3306-3315.	2.4	5
39	Linear solvation energy relationship development for adsorption of synthetic organic compounds by carbon nanomaterials: an overview of the last decade. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2949-2957.	2.4	4
40	Impact of biological wastewater treatment on the reactivity of N-Nitrosodimethylamine precursors. <i>Water Research</i> , 2020, 186, 116315.	11.3	4
41	Concentration and isotopic composition of mercury in a blackwater river affected by extreme flooding events. <i>Limnology and Oceanography</i> , 2020, 65, 2158-2169.	3.1	16
42	Two years of post-wildfire impacts on dissolved organic matter, nitrogen, and precursors of disinfection by-products in California stream waters. <i>Water Research</i> , 2020, 181, 115891.	11.3	37
43	Comparative Quantitative Toxicology and QSAR Modeling of the Haloacetonitriles: Forcing Agents of Water Disinfection Byproduct Toxicity. <i>Environmental Science & Technology</i> , 2020, 54, 8909-8918.	10.0	72
44	Competitive Adsorption of Polycyclic Aromatic Hydrocarbons to Carbon Nanotubes and the Impact on Bioavailability to Fathead Minnow (<i>Pimephales promelas</i>). <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1702-1711.	4.3	4
45	Microplastics release precursors of chlorinated and brominated disinfection byproducts in water. <i>Chemosphere</i> , 2020, 251, 126452.	8.2	55
46	Low water treatability efficiency of wildfire-induced dissolved organic matter and disinfection by-product precursors. <i>Water Research</i> , 2020, 184, 116111.	11.3	13
47	High-Resolution Mass Spectrometry Identification of Novel Surfactant-Derived Sulfur-Containing Disinfection Byproducts from Gas Extraction Wastewater. <i>Environmental Science & Technology</i> , 2020, 54, 9374-9386.	10.0	27
48	Activated carbon and organic matter characteristics impact the adsorption of DBP precursors when chlorine is added prior to GAC contactors. <i>Water Research</i> , 2020, 184, 116146.	11.3	24
49	Transformation potential of cannabinoids during their passage through engineered water treatment systems: A perspective. <i>Environment International</i> , 2020, 137, 105586.	10.0	7
50	Mesoporous activated carbon shows superior adsorption affinity for 11-nor-9-carboxy- δ^9 -tetrahydrocannabinol in water. <i>Npj Clean Water</i> , 2020, 3, .	8.0	5
51	Sorption behavior of real microplastics (MPs): Insights for organic micropollutants adsorption on a large set of well-characterized MPs. <i>Science of the Total Environment</i> , 2020, 720, 137634.	8.0	107
52	Influence of Anaerobic Mesophilic and Thermophilic Digestion on Cytotoxicity of Swine Wastewaters. <i>Environmental Science & Technology</i> , 2020, 54, 3032-3038.	10.0	9
53	To regulate or not to regulate? What to do with more toxic disinfection by-products?. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103939.	6.7	120
54	Adsorption kinetics of synthetic organic contaminants onto superfine powdered activated carbon. <i>Chemosphere</i> , 2020, 253, 126628.	8.2	27

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55	Assessing Additivity of Cytotoxicity Associated with Disinfection Byproducts in Potable Reuse and Conventional Drinking Waters. <i>Environmental Science & Technology</i> , 2020, 54, 5729-5736.	10.0	102
56	The interplay between natural organic matter and bromide on bromine substitution. <i>Science of the Total Environment</i> , 2019, 646, 1172-1181.	8.0	49
57	Cationic polymer for selective removal of GenX and short-chain PFAS from surface waters and wastewaters at ng/L levels. <i>Water Research</i> , 2019, 163, 114874.	11.3	115
58	Oxidation byproducts from the degradation of dissolved organic matter by advanced oxidation processes – A critical review. <i>Water Research</i> , 2019, 164, 114929.	11.3	95
59	Chloramination of iodide-containing waters: Formation of iodinated disinfection byproducts and toxicity correlation with total organic halides of treated waters. <i>Science of the Total Environment</i> , 2019, 697, 134142.	8.0	33
60	Formation of iodinated trihalomethanes and noniodinated disinfection byproducts during chloramination of algal organic matter extracted from <i>Microcystis aeruginosa</i> . <i>Water Research</i> , 2019, 162, 115-126.	11.3	30
61	Toxicological Comparison of Water, Wastewaters, and Processed Wastewaters. <i>Environmental Science & Technology</i> , 2019, 53, 9139-9147.	10.0	44
62	Historical and Future Needs for Geospatial Iodide Occurrence in Surface and Groundwaters of the United States of America. <i>Environmental Science and Technology Letters</i> , 2019, 6, 379-388.	8.7	24
63	Adsorption kinetics and aggregation for three classes of carbonaceous adsorbents in the presence of natural organic matter. <i>Chemosphere</i> , 2019, 229, 515-524.	8.2	33
64	Water Disinfection Byproducts Increase Natural Transformation Rates of Environmental DNA in <i>Acinetobacter baylyi</i> ADP1. <i>Environmental Science & Technology</i> , 2019, 53, 6520-6528.	10.0	76
65	Release of Nitrosamines and Nitrosamine Precursors from Scrap Tires. <i>Environmental Science and Technology Letters</i> , 2019, 6, 251-256.	8.7	21
66	Selective removal of bromide and iodide from natural waters using a novel AgCl-SPAC composite at environmentally relevant conditions. <i>Water Research</i> , 2019, 156, 168-178.	11.3	34
67	Control wildfire-induced <i>Microcystis aeruginosa</i> blooms by copper sulfate: Trade-offs between reducing algal organic matter and promoting disinfection byproduct formation. <i>Water Research</i> , 2019, 158, 227-236.	11.3	52
68	Global Transcriptional Analysis of Nontransformed Human Intestinal Epithelial Cells (FHs 74 Int) after Exposure to Selected Drinking Water Disinfection By-Products. <i>Environmental Health Perspectives</i> , 2019, 127, 117006.	6.0	21
69	Efficient PFAS Removal by Amine-Functionalized Sorbents: Critical Review of the Current Literature. <i>Environmental Science and Technology Letters</i> , 2019, 6, 688-695.	8.7	160
70	The overlooked short- and ultrashort-chain poly- and perfluorinated substances: A review. <i>Chemosphere</i> , 2019, 220, 866-882.	8.2	287
71	Predictive models for adsorption of organic compounds by Graphene nanosheets: comparison with carbon nanotubes. <i>Science of the Total Environment</i> , 2019, 654, 28-34.	8.0	19
72	Removal of wastewater and polymer derived N-nitrosodimethylamine precursors with integrated use of chlorine and chlorine dioxide. <i>Chemosphere</i> , 2019, 216, 224-233.	8.2	7

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73	Predominant <i>N</i> -Haloacetamide and Haloacetonitrile Formation in Drinking Water via the Aldehyde Reaction Pathway. <i>Environmental Science & Technology</i> , 2019, 53, 850-859.	10.0	34
74	Genotoxicity Assessment of Drinking Water Disinfection Byproducts by DNA Damage and Repair Pathway Profiling Analysis. <i>Environmental Science & Technology</i> , 2018, 52, 6565-6575.	10.0	57
75	Spectroscopic Indicators for Cytotoxicity of Chlorinated and Ozonated Effluents from Wastewater Stabilization Ponds and Activated Sludge. <i>Environmental Science & Technology</i> , 2018, 52, 3167-3174.	10.0	26
76	The role of chloramine species in NDMA formation. <i>Water Research</i> , 2018, 140, 100-109.	11.3	45
77	Deactivation of wastewater-derived N-nitrosodimethylamine precursors with chlorine dioxide oxidation and the effect of pH. <i>Science of the Total Environment</i> , 2018, 635, 1383-1391.	8.0	10
78	Rapid Removal of Poly- and Perfluorinated Alkyl Substances by Poly(ethylenimine)-Functionalized Cellulose Microcrystals at Environmentally Relevant Conditions. <i>Environmental Science and Technology Letters</i> , 2018, 5, 764-769.	8.7	99
79	Formation of regulated and unregulated disinfection byproducts during chlorination of algal organic matter extracted from freshwater and marine algae. <i>Water Research</i> , 2018, 142, 313-324.	11.3	101
80	Chlorotyrosines versus Volatile Byproducts from Chlorine Disinfection during Washing of Spinach and Lettuce. <i>Environmental Science & Technology</i> , 2018, 52, 9361-9369.	10.0	22
81	The impact of disinfection Ct values on cytotoxicity of agricultural wastewaters: Ozonation vs. chlorination. <i>Water Research</i> , 2018, 144, 482-490.	11.3	32
82	Thiol Reactivity Analyses To Predict Mammalian Cell Cytotoxicity of Water Samples. <i>Environmental Science & Technology</i> , 2018, 52, 8822-8829.	10.0	24
83	Removal of bromide from surface waters using silver impregnated activated carbon. <i>Water Research</i> , 2017, 113, 223-230.	11.3	36
84	Effect of nano-ZnO on biogas generation from simulated landfills. <i>Waste Management</i> , 2017, 63, 18-26.	7.4	18
85	Comparative mammalian cell cytotoxicity of wastewater with elevated bromide and iodide after chlorination, chloramination, or ozonation. <i>Journal of Environmental Sciences</i> , 2017, 58, 296-301.	6.1	27
86	TIC-Tox: A preliminary discussion on identifying the forcing agents of DBP-mediated toxicity of disinfected water. <i>Journal of Environmental Sciences</i> , 2017, 58, 208-216.	6.1	184
87	Chloramination of wastewater effluent: Toxicity and formation of disinfection byproducts. <i>Journal of Environmental Sciences</i> , 2017, 58, 135-145.	6.1	67
88	Investigation of nuclear enzyme topoisomerase as a putative molecular target of monohaloacetonitrile disinfection by-products. <i>Journal of Environmental Sciences</i> , 2017, 58, 231-238.	6.1	8
89	CHO cell cytotoxicity and genotoxicity analyses of disinfection by-products: An updated review. <i>Journal of Environmental Sciences</i> , 2017, 58, 64-76.	6.1	528
90	Elucidating Adsorptive Fractions of Natural Organic Matter on Carbon Nanotubes. <i>Environmental Science & Technology</i> , 2017, 51, 7101-7110.	10.0	92

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91	Monohalogenated acetamide-induced cellular stress and genotoxicity are related to electrophilic softness and thiol/thiolate reactivity. <i>Journal of Environmental Sciences</i> , 2017, 58, 224-230.	6.1	28
92	Removal of both N-nitrosodimethylamine and trihalomethanes precursors in a single treatment using ion exchange resins. <i>Water Research</i> , 2017, 124, 20-28.	11.3	29
93	Impact of combining chlorine dioxide and chlorine on DBP formation in simulated indoor swimming pools. <i>Journal of Environmental Sciences</i> , 2017, 58, 155-162.	6.1	28
94	Disinfection By-Products in Drinking Water, Recycled Water and Wastewater: Formation, Detection, Toxicity and Health Effects: Preface. <i>Journal of Environmental Sciences</i> , 2017, 58, 1.	6.1	18
95	Adsorption of organic contaminants by graphene nanosheets: A review. <i>Water Research</i> , 2017, 126, 385-398.	11.3	354
96	The control of disinfection byproducts and their precursors in biologically active filtration processes. <i>Water Research</i> , 2017, 124, 630-653.	11.3	108
97	Extreme flooding mobilized dissolved organic matter from coastal forested wetlands. <i>Biogeochemistry</i> , 2017, 136, 293-309.	3.5	43
98	Identification and Comparative Mammalian Cell Cytotoxicity of New Iodo-Phenolic Disinfection Byproducts in Chloraminated Oil and Gas Wastewaters. <i>Environmental Science and Technology Letters</i> , 2017, 4, 475-480.	8.7	83
99	Toxicity of Wastewater with Elevated Bromide and Iodide after Chlorination, Chloramination, or Ozonation Disinfection. <i>Environmental Science & Technology</i> , 2017, 51, 9297-9304.	10.0	73
100	Bioavailability of Carbon Nanomaterial-Adsorbed Polycyclic Aromatic Hydrocarbons to <i>Pimphales promelas</i> : Influence of Adsorbate Molecular Size and Configuration. <i>Environmental Science & Technology</i> , 2017, 51, 9288-9296.	10.0	14
101	Dynamic Changes of Disinfection Byproduct Precursors following Exposures of <i>Microcystis aeruginosa</i> to Wildfire Ash Solutions. <i>Environmental Science & Technology</i> , 2017, 51, 8272-8282.	10.0	22
102	Removal of Selected Ca and Na DBP Precursors in Biologically Active Filters. <i>Journal - American Water Works Association</i> , 2017, 109, E73.	0.3	13
103	Relative Importance of Different Water Categories as Sources of N-Nitrosamine Precursors. <i>Environmental Science & Technology</i> , 2016, 50, 13239-13248.	10.0	65
104	Temporal variations of disinfection byproduct precursors in wildfire detritus. <i>Water Research</i> , 2016, 99, 66-73.	11.3	27
105	Monohaloacetic acid drinking water disinfection by-products inhibit follicle growth and steroidogenesis in mouse ovarian antral follicles in vitro. <i>Reproductive Toxicology</i> , 2016, 62, 71-76.	2.9	34
106	N-Nitrosamines and halogenated disinfection byproducts in U.S. Full Advanced Treatment trains for potable reuse. <i>Water Research</i> , 2016, 101, 176-186.	11.3	173
107	Linear solvation energy relationships (LSER) for adsorption of organic compounds by carbon nanotubes. <i>Water Research</i> , 2016, 98, 28-38.	11.3	51
108	Superfine powdered activated carbon (S-PAC) coatings on microfiltration membranes: Effects of milling time on contaminant removal and flux. <i>Water Research</i> , 2016, 100, 429-438.	11.3	35

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109	Energy of the Lowest Unoccupied Molecular Orbital, Thiol Reactivity, and Toxicity of Three Monobrominated Water Disinfection Byproducts. <i>Environmental Science & Technology</i> , 2016, 50, 3215-3221.	10.0	42
110	Comparative Mammalian Cell Cytotoxicity of Wastewaters for Agricultural Reuse after Ozonation. <i>Environmental Science & Technology</i> , 2016, 50, 11752-11759.	10.0	35
111	The control of N-nitrosodimethylamine, Halonitromethane, and Trihalomethane precursors by Nanofiltration. <i>Water Research</i> , 2016, 105, 274-281.	11.3	35
112	Granular Activated Carbon Treatment May Result in Higher Predicted Genotoxicity in the Presence of Bromide. <i>Environmental Science & Technology</i> , 2016, 50, 9583-9591.	10.0	83
113	Evaluation of Seasonal Performance of Conventional and Phosphate-Amended Biofilters. <i>Journal - American Water Works Association</i> , 2016, 108, E523.	0.3	14
114	Removal of Disinfection By-Product Precursors Using Hybrid Coagulation-Ceramic Membrane Systems. <i>Journal - American Water Works Association</i> , 2016, 108, E513-E522.	0.3	3
115	Adsorption of organic contaminants by graphene nanosheets, carbon nanotubes and granular activated carbons under natural organic matter preloading conditions. <i>Science of the Total Environment</i> , 2016, 565, 811-817.	8.0	84
116	Effect of bead milling on chemical and physical characteristics of activated carbons pulverized to superfine sizes. <i>Water Research</i> , 2016, 89, 161-170.	11.3	52
117	Removal of N-nitrosodimethylamine precursors with powdered activated carbon adsorption. <i>Water Research</i> , 2016, 88, 711-718.	11.3	48
118	Acetonitrile and N-Chloroacetamide Formation from the Reaction of Acetaldehyde and Monochloramine. <i>Environmental Science & Technology</i> , 2015, 49, 9954-9963.	10.0	29
119	Optimization of Coagulation Pretreatment Conditions in a Ceramic Membrane System. <i>Journal - American Water Works Association</i> , 2015, 107, E693.	0.3	7
120	Occurrence and Comparative Toxicity of Haloacetaldehyde Disinfection Byproducts in Drinking Water. <i>Environmental Science & Technology</i> , 2015, 49, 13749-13759.	10.0	167
121	N-Nitrosodimethylamine (NDMA) Precursors Leach from Nanofiltration Membranes. <i>Environmental Science and Technology Letters</i> , 2015, 2, 66-69.	8.7	15
122	Seasonal and temporal patterns of NDMA formation potentials in surface waters. <i>Water Research</i> , 2015, 69, 162-172.	11.3	49
123	Wildfire Altering Terrestrial Precursors of Disinfection Byproducts in Forest Detritus. <i>Environmental Science & Technology</i> , 2015, 49, 5921-5929.	10.0	90
124	Disinfection by-product formation during seawater desalination: A review. <i>Water Research</i> , 2015, 81, 343-355.	11.3	164
125	Mechanisms and modeling of halogenated aliphatic contaminant adsorption by carbon nanotubes. <i>Journal of Hazardous Materials</i> , 2015, 295, 138-144.	12.4	42
126	Adsorption of halogenated aliphatic contaminants by graphene nanomaterials. <i>Water Research</i> , 2015, 79, 57-67.	11.3	87

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127	Trihalomethane hydrolysis in drinking water at elevated temperatures. <i>Water Research</i> , 2015, 78, 18-27.	11.3	40
128	Leaching of DOC, DN, and inorganic constituents from scrap tires. <i>Chemosphere</i> , 2015, 139, 617-623.	8.2	70
129	Charting a New Path To Resolve the Adverse Health Effects of DBPs. <i>ACS Symposium Series</i> , 2015, , 3-23.	0.5	39
130	<i>In Vitro</i> Cytotoxicity and Adaptive Stress Responses to Selected Haloacetic Acid and Halobenzoquinone Water Disinfection Byproducts. <i>Chemical Research in Toxicology</i> , 2015, 28, 2059-2068.	3.3	64
131	Assessing trihalomethanes (THMs) and N-nitrosodimethylamine (NDMA) formation potentials in drinking water treatment plants using fluorescence spectroscopy and parallel factor analysis. <i>Chemosphere</i> , 2015, 121, 84-91.	8.2	100
132	Use of theoretical waste inventories in planning and monitoring of hazardous waste management systems. <i>Waste Management and Research</i> , 2014, 32, 763-771.	3.9	3
133	The effect of pre-oxidation on NDMA formation and the influence of pH. <i>Water Research</i> , 2014, 66, 169-179.	11.3	69
134	Toxic Impact of Bromide and Iodide on Drinking Water Disinfected with Chlorine or Chloramines. <i>Environmental Science & Technology</i> , 2014, 48, 12362-12369.	10.0	215
135	Toxicity of Drinking Water Disinfection Byproducts: Cell Cycle Alterations Induced by the Monohaloacetonitriles. <i>Environmental Science & Technology</i> , 2014, 48, 11662-11669.	10.0	59
136	Boiling of Simulated Tap Water: Effect on Polar Brominated Disinfection Byproducts, Halogen Speciation, and Cytotoxicity. <i>Environmental Science & Technology</i> , 2014, 48, 149-156.	10.0	108
137	Disinfection byproducts in swimming pool: Occurrences, implications and future needs. <i>Water Research</i> , 2014, 53, 68-109.	11.3	175
138	Chloroacetonitrile and <i>N</i> ,2-Dichloroacetamide Formation from the Reaction of Chloroacetaldehyde and Monochloramine in Water. <i>Environmental Science & Technology</i> , 2013, 47, 12382-12390.	10.0	51
139	Human Cell Toxicogenomic Analysis Linking Reactive Oxygen Species to the Toxicity of Monohaloacetic Acid Drinking Water Disinfection Byproducts. <i>Environmental Science & Technology</i> , 2013, 47, 12514-12523.	10.0	108
140	Development of a 3D QSPR model for adsorption of aromatic compounds by carbon nanotubes: comparison of multiple linear regression, artificial neural network and support vector machine. <i>RSC Advances</i> , 2013, 3, 23924.	3.6	27
141	Chemical and Biological Characterization of Wastewater Generated from Hydrothermal Liquefaction of <i>Spirulina</i> . <i>Environmental Science & Technology</i> , 2013, 47, 2131-2138.	10.0	149
142	Pyruvate remediation of cell stress and genotoxicity induced by haloacetic acid drinking water disinfection byproducts. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 629-637.	2.2	48
143	Calculating the greenhouse gas emissions of water utilities. <i>Journal - American Water Works Association</i> , 2013, 105, E363.	0.3	7
144	MIEX® treatment of an effluent-impacted stream. <i>Journal - American Water Works Association</i> , 2013, 105, E195.	0.3	9

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145	Source water and microfiltration plant manganese control study. Journal - American Water Works Association, 2013, 105, E480.	0.3	0
146	The effects of selected preoxidation strategies on I-THM formation and speciation. Water Research, 2012, 46, 5491-5498.	11.3	37
147	The correlation between structural characteristics of activated carbons and their adsorption of organic solutes from aqueous solutions. Adsorption, 2012, 18, 229-238.	3.0	6
148	Occurrence and Toxicity of Disinfection Byproducts in European Drinking Waters in Relation with the HIWATE Epidemiology Study. Environmental Science & Technology, 2012, 46, 12120-12128.	10.0	143
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