

Precursors of nitrogenous disinfection by-products in d and analysis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Relative Importance of <i>N</i> -Nitrosodimethylamine Compared to Total <i>N</i> -Nitrosamines in Drinking Waters. <i>Environmental Science & Technology</i> , 2013, 47, 3648-3656.	4.6	66
2	Occurrence, profiling and prioritization of halogenated disinfection by-products in drinking water of China. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1424.	1.7	51
3	Degradation kinetics and chloropicrin formation during aqueous chlorination of dinoseb. <i>Chemosphere</i> , 2013, 93, 2662-2668.	4.2	20
4	Formation and speciation of nine haloacetamides, an emerging class of nitrogenous DBPs, during chlorination or chloramination. <i>Journal of Hazardous Materials</i> , 2013, 260, 806-812.	6.5	102
5	Determination of <i>N</i> -nitrosamines and nicotine in air particulate matter samples by pressurised liquid extraction and gas chromatography-ion trap tandem mass spectrometry. <i>Talanta</i> , 2013, 115, 896-901.	2.9	35
6	Characteristics of <i>C</i> -, <i>N</i> -DBPs formation from nitrogen-enriched dissolved organic matter in raw water and treated wastewater effluent. <i>Water Research</i> , 2013, 47, 2729-2741.	5.3	58
7	Intracellular Organic Matter from Cyanobacteria as a Precursor for Carbonaceous and Nitrogenous Disinfection Byproducts. <i>Environmental Science & Technology</i> , 2013, 47, 6332-6340.	4.6	111
8	Relative Contribution of Biomolecules in Bacterial Extracellular Polymeric Substances to Disinfection Byproduct Formation. <i>Environmental Science & Technology</i> , 2013, 47, 9764-9773.	4.6	63
9	Photochemical and Bacterial Transformations of Disinfection By-Product Precursors in Water. <i>Journal of Environmental Quality</i> , 2013, 42, 1589-1595.	1.0	15
10	Removal of halogenated by-products precursors in photocatalysis process enhanced with membrane filtration. <i>Desalination and Water Treatment</i> , 2014, 52, 3698-3707.	1.0	4
11	Gold nanoparticles for the quantification of very low levels of poly-diallyldimethylammonium chloride in river water. <i>Analytical Methods</i> , 2014, 6, 6963.	1.3	14
12	Effects of Combined UV and Chlorine Treatment on the Formation of Trichloronitromethane from Amine Precursors. <i>Environmental Science & Technology</i> , 2014, 48, 2697-2705.	4.6	89
13	Toxicity of Drinking Water Disinfection Byproducts: Cell Cycle Alterations Induced by the Monohaloacetamides. <i>Environmental Science & Technology</i> , 2014, 48, 11662-11669.	4.6	59
14	A comparison of carbonaceous, nitrogenous and iodinated disinfection by-products formation potential in different dissolved organic fractions and their reduction in drinking water treatment processes. <i>Separation and Purification Technology</i> , 2014, 133, 82-90.	3.9	34
15	Formation Mechanism of NDMA from Ranitidine, Trimethylamine, and Other Tertiary Amines during Chloramination: A Computational Study. <i>Environmental Science & Technology</i> , 2014, 48, 8653-8663.	4.6	72
16	Aqueous adsorption and removal of organic contaminants by carbon nanotubes. <i>Science of the Total Environment</i> , 2014, 482-483, 241-251.	3.9	318
17	A review of what is an emerging contaminant. <i>Chemistry Central Journal</i> , 2014, 8, 15.	2.6	458
18	Water Analysis: Emerging Contaminants and Current Issues. <i>Analytical Chemistry</i> , 2014, 86, 2813-2848.	3.2	740

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19	Disinfection by-product formation from the chlorination and chloramination of amines. <i>Journal of Hazardous Materials</i> , 2014, 278, 288-296.	6.5	72
20	Dissolved organic matter fractions and disinfection by-product formation potential from major raw waters in the water-receiving areas of south-to-north water diversion project, China. <i>Desalination and Water Treatment</i> , 2015, 56, 1689-1697.	1.0	13
21	Peptide bonds affect the formation of haloacetamides, an emerging class of N-DBPs in drinking water: free amino acids versus oligopeptides. <i>Scientific Reports</i> , 2015, 5, 14412.	1.6	25
22	The toxicity of a new disinfection by-product, 2,2-dichloroacetamide (DCAcAm), on adult zebrafish (<i>Danio rerio</i>) and its occurrence in the chlorinated drinking water. <i>Chemosphere</i> , 2015, 139, 40-46.	4.2	45
23	Characterization, DBPs formation, and mutagenicity of soluble microbial products (SMPs) in wastewater under simulated stressful conditions. <i>Chemical Engineering Journal</i> , 2015, 279, 258-263.	6.6	33
24	Formation Pathways and Trade-Offs between Haloacetamides and Haloacetaldehydes during Combined Chlorination and Chloramination of Lignin Phenols and Natural Waters. <i>Environmental Science & Technology</i> , 2015, 49, 14432-14440.	4.6	77
25	Tracing disinfection byproducts in full-scale desalination plants. <i>Desalination</i> , 2015, 359, 141-148.	4.0	43
26	Compound-Specific Carbon, Nitrogen, and Hydrogen Isotope Analysis of <i>N</i> -Nitrosodimethylamine in Aqueous Solutions. <i>Analytical Chemistry</i> , 2015, 87, 2916-2924.	3.2	28
27	Disinfection byproducts in drinking water and regulatory compliance: A critical review. <i>Frontiers of Environmental Science and Engineering</i> , 2015, 9, 3-15.	3.3	98
28	Occurrence and behaviors of fluorescence EEM-PARAFAC components in drinking water and wastewater treatment systems and their applications: a review. <i>Environmental Science and Pollution Research</i> , 2015, 22, 6500-6510.	2.7	181
29	Identification of disinfection by-product precursors from the discharge of a coking wastewater treatment plant. <i>RSC Advances</i> , 2015, 5, 43786-43797.	1.7	17
30	Impact of pre-ozonation on disinfection by-product formation and speciation from chlor(am)ination of algal organic matter of <i>Microcystis aeruginosa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2015, 120, 256-262.	2.9	53
31	Development of quantitative structure activity relationship (QSAR) model for disinfection byproduct (DBP) research: A review of methods and resources. <i>Journal of Hazardous Materials</i> , 2015, 299, 260-279.	6.5	88
32	Tracing Nitrogenous Disinfection Byproducts after Medium Pressure UV Water Treatment by Stable Isotope Labeling and High Resolution Mass Spectrometry. <i>Environmental Science & Technology</i> , 2015, 49, 4458-4465.	4.6	68
33	Characteristics of C-, N-DBPs formation from algal organic matter: Role of molecular weight fractions and impacts of pre-ozonation. <i>Water Research</i> , 2015, 72, 381-390.	5.3	114
34	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.	4.2	100
35	Dimethylamine biodegradation by mixed culture enriched from drinking water biofilter. <i>Chemosphere</i> , 2015, 119, 935-940.	4.2	28
36	Formation of trichloronitromethane and dichloroacetonitrile in natural waters: Precursor characterization, kinetics and interpretation. <i>Journal of Hazardous Materials</i> , 2015, 283, 218-226.	6.5	30

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37	Effect of Metal Ions on the Formation of Trichloronitromethane during Chlorination of Catechol and Nitrite. <i>Journal of Environmental Quality</i> , 2016, 45, 1933-1940.	1.0	4
38	Drinking water treatment response following a Colorado wildfire. <i>Water Research</i> , 2016, 105, 187-198.	5.3	69
39	Formation of nitrogenous disinfection by-products in 10 chlorinated and chloraminated drinking water supply systems. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 518.	1.3	38
40	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.	1.2	20
41	Effect of oxidation on nitro-based pharmaceutical degradation and trichloronitromethane formation. <i>Chemosphere</i> , 2016, 146, 154-161.	4.2	7
42	Precursors and factors affecting formation of haloacetonitriles and chloropicrin during chlor(am)ination of nitrogenous organic compounds in drinking water. <i>Journal of Hazardous Materials</i> , 2016, 308, 411-418.	6.5	62
43	Impact of anionic ion exchange resins on NOM fractions: Effect on N-DBPs and C-DBPs precursors. <i>Chemosphere</i> , 2016, 144, 1988-1995.	4.2	40
44	The role of aromatic precursors in the formation of haloacetamides by chloramination of dissolved organic matter. <i>Water Research</i> , 2016, 88, 371-379.	5.3	49
45	The formation of haloacetamides and other disinfection by-products from non-nitrogenous low-molecular weight organic acids during chloramination. <i>Chemical Engineering Journal</i> , 2016, 285, 164-171.	6.6	43
46	Disinfection of water in a batch reactor using chloridized silver surfaces. <i>Journal of Water Process Engineering</i> , 2017, 16, 41-49.	2.6	16
47	Effect of feed type and other factors on soluble microbial product production and its disinfection byproduct formation during biological treatment of wastewater organics. <i>Water Science and Technology: Water Supply</i> , 2017, 17, 399-406.	1.0	1
48	Kinetic removal of haloacetonitrile precursors by photo-based advanced oxidation processes (UV/H ₂ O ₂ , UV/O ₃ , and UV/H ₂ O ₂ /O ₃). <i>Chemosphere</i> , 2017, 176, 25-31.	4.2	38
49	Formation of known and unknown disinfection by-products from natural organic matter fractions during chlorination, chloramination, and ozonation. <i>Science of the Total Environment</i> , 2017, 587-588, 177-184.	3.9	71
50	THM and HAA formation from NOM in raw and treated surface waters. <i>Water Research</i> , 2017, 112, 226-235.	5.3	120
51	Integration of coagulation and adsorption for removal of N-nitrosodimethylamine (NDMA) precursors from biologically treated municipal wastewater. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12426-12436.	2.7	7
52	Effect of UV Irradiation and UV/Chlorine Processes on Trichloronitromethane Formation During Chlorination of Ronidazole. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1600163.	0.7	8
53	Degradation of nitro-based pharmaceuticals by UV photolysis: Kinetics and simultaneous reduction on halonitromethanes formation potential. <i>Water Research</i> , 2017, 119, 83-90.	5.3	32
54	The shadow of dichloroacetonitrile (DCAN), a typical nitrogenous disinfection by-product (N-DBP), in the waterworks and its backwash water reuse. <i>Chemosphere</i> , 2017, 181, 569-578.	4.2	52

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55	Degradation kinetics and pathways of haloacetonitriles by the UV/persulfate process. <i>Chemical Engineering Journal</i> , 2017, 320, 478-484.	6.6	57
56	Impact of pre-oxidation using H ₂ O ₂ and ultraviolet/H ₂ O ₂ on disinfection byproducts generated from chlor(am)ination of chloramphenicol. <i>Chemical Engineering Journal</i> , 2017, 317, 112-118.	6.6	20
57	Defining the molecular properties of N-nitrosodimethylamine (NDMA) precursors using computational chemistry. <i>Environmental Science: Water Research and Technology</i> , 2017, 3, 502-512.	1.2	9
58	Molecular and Spectroscopic Characterization of Water Extractable Organic Matter from Thermally Altered Soils Reveal Insight into Disinfection Byproduct Precursors. <i>Environmental Science & Technology</i> , 2017, 51, 771-779.	4.6	42
59	Quantification of Total <i>N</i> -Nitrosamine Concentrations in Aqueous Samples via UV-Photolysis and Chemiluminescence Detection of Nitric Oxide. <i>Analytical Chemistry</i> , 2017, 89, 1574-1582.	3.2	33
60	Characterizing Limits of Precision for Dissolved Organic Nitrogen Calculations. <i>Environmental Science and Technology Letters</i> , 2017, 4, 452-456.	3.9	14
61	Carbon, Hydrogen, and Nitrogen Isotope Fractionation Trends in <i>N</i> -Nitrosodimethylamine Reflect the Formation Pathway during Chloramination of Tertiary Amines. <i>Environmental Science & Technology</i> , 2017, 51, 13170-13179.	4.6	16
63	Formation and control of nitrogenous DBPs from Western Australian source waters: Investigating the impacts of high nitrogen and bromide concentrations. <i>Journal of Environmental Sciences</i> , 2017, 58, 102-115.	3.2	34
64	Relationship between THMs/NDMA formation potential and molecular weight of organic compounds for source and treated water in Shanghai, China. <i>Science of the Total Environment</i> , 2017, 605-606, 1-8.	3.9	15
65	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.	4.6	22
66	Comparison of N-nitrosodimethylamine formation mechanisms from dimethylamine during chloramination and ozonation: A computational study. <i>Journal of Hazardous Materials</i> , 2017, 321, 362-370.	6.5	26
67	Estimating NDMA Formation in a Distribution System Using a Hybrid Genetic Algorithm. <i>Journal - American Water Works Association</i> , 2017, 109, E265.	0.2	8
68	Theoretical Investigation of the Gas-Phase S _N ² Reactions of Anionic and Neutral Nucleophiles with Chloramines. <i>Journal of Physical Chemistry A</i> , 2018, 122, 3045-3056.	1.1	4
69	Re-Examining the Role of Dichloramine in High-Yield <i>N</i> -Nitrosodimethylamine Formation from <i>N</i> , <i>N</i> -Dimethyl- <i>N</i> -arylamines. <i>Environmental Science and Technology Letters</i> , 2018, 5, 154-159.	3.9	35
70	Potential formation of mutagenicity by low pressure-UV/H ₂ O ₂ during the treatment of nitrate-rich source waters. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 1252-1261.	1.2	10
71	Impact of ClO ₂ pre-oxidation on the formation of CX ₃ R-type DBPs from tyrosine-based amino acid precursors during chlorination and chloramination. <i>Chemosphere</i> , 2018, 196, 25-34.	4.2	29
72	Use of differential absorbance to estimate concentrations of chlorinated disinfection by-product in drinking water: Critical review and research needs. <i>Critical Reviews in Environmental Science and Technology</i> , 2018, 48, 210-241.	6.6	18
73	Oxidation of theophylline by Ferrate (VI) and formation of disinfection byproducts during subsequent chlorination. <i>Separation and Purification Technology</i> , 2018, 201, 283-290.	3.9	15

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74	Carbonaceous and nitrogenous disinfection byproduct precursor variation during the reversed anaerobic-“anoxic”-oxic process of a sewage treatment plant. <i>Journal of Environmental Sciences</i> , 2018, 65, 335-346.	3.2	14
75	Comparison of the effects of chloramine and chlorine on the aromaticity of dissolved organic matter and yields of disinfection by-products. <i>Chemosphere</i> , 2018, 191, 477-484.	4.2	47
76	Coagulation behaviors of new covalently bound hybrid coagulants (CBHyC) in surface water treatment. <i>Separation and Purification Technology</i> , 2018, 192, 322-328.	3.9	19
77	Occurrence and factors affecting the formation of trihalomethanes, haloacetonitriles and halonitromethanes in outdoor swimming pools treated with trichloroisocyanuric acid. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 218-225.	1.2	16
78	Sorption and desorption of selected phenyl urea herbicides in laboratory water-sediment systems. <i>IOP Conference Series: Earth and Environmental Science</i> , 0, 191, 012021.	0.2	2
79	Prioritization of unregulated disinfection by-products in drinking water distribution systems for human health risk mitigation: A critical review. <i>Water Research</i> , 2018, 147, 112-131.	5.3	108
80	Regulated and emerging disinfection by-products in recycled waters. <i>Science of the Total Environment</i> , 2018, 637-638, 1607-1616.	3.9	59
81	Formation and speciation of chlorinated, brominated, and iodinated haloacetamides in chloraminated iodide-containing waters. <i>Water Research</i> , 2018, 145, 103-112.	5.3	26
82	The contribution of atmospheric particulate matter to the formation of CX3R-type disinfection by-products in rainwater during chlorination. <i>Water Research</i> , 2018, 145, 531-540.	5.3	31
83	Disinfection By-products in Recycled Waters. , 2019, , 135-149.		0
84	Fabrication of GO modified PVDF membrane for dissolved organic matter removal: Removal mechanism and antifouling property. <i>Separation and Purification Technology</i> , 2019, 209, 482-490.	3.9	44
85	The fates of aromatic protein and soluble microbial product-like organics, as the precursors of dichloroacetonitrile and dichloroacetamide, in drinking water advanced treatment processes. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1478-1488.	1.2	1
86	Laboratory simulation of postfire effects on conventional drinking water treatment and disinfection byproduct formation. <i>AWWA Water Science</i> , 2019, 1, e1155.	1.0	6
87	Using UV/H ₂ O ₂ pre-oxidation combined with an optimised disinfection scenario to control CX3R-type disinfection by-product formation. <i>Water Research</i> , 2019, 167, 115096.	5.3	44
88	Stable Isotopic Labeling and Nontarget Identification of Nanogram/Liter Amino Contaminants in Water. <i>Analytical Chemistry</i> , 2019, 91, 13213-13221.	3.2	20
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90	Formation of chlorination by-products in drinking water treatment plants using breakpoint chlorination. <i>Microchemical Journal</i> , 2019, 149, 104008.	2.3	69
91	Transformation of adenine and cytosine in chlorination “ An ESI-tqMS investigation. <i>Chemosphere</i> , 2019, 234, 505-512.	4.2	12

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92	Formation of Brominated Organic Compounds and Molecular Transformations in Dissolved Organic Matter (DOM) after Ballast Water Treatment with Sodium Dichloroisocyanurate Dihydrate (DICD). <i>Environmental Science & Technology</i> , 2019, 53, 8006-8016.	4.6	20
93	Disinfection byproduct formation during drinking water treatment and distribution: A review of unintended effects of engineering agents and materials. <i>Water Research</i> , 2019, 160, 313-329.	5.3	141
94	Removal of chlorpheniramine and variations of nitrosamine formation potentials in municipal wastewaters by adsorption onto the GO-Fe ₃ O ₄ . <i>Environmental Science and Pollution Research</i> , 2019, 26, 20701-20711.	2.7	12
95	Optimization of CIEL*a*b*/Yxy colour system for colorimetric devices fabricated with gold nanoparticles. <i>Journal of Molecular Structure</i> , 2019, 1191, 271-277.	1.8	6
96	Does Granular Activated Carbon with Chlorination Produce Safer Drinking Water? From Disinfection Byproducts and Total Organic Halogen to Calculated Toxicity. <i>Environmental Science & Technology</i> , 2019, 53, 5987-5999.	4.6	125
97	The formation mechanism of chloropicrin from methylamine during chlorination: a DFT study. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 761-770.	1.7	9
98	Reactions of aliphatic amines with ozone: Kinetics and mechanisms. <i>Water Research</i> , 2019, 157, 514-528.	5.3	74
99	Rapid determination of trace level N-nitrosamine precursors in secondary-treated wastewater by using two dimensional-ion chromatography. <i>Journal of Hazardous Materials</i> , 2019, 368, 452-458.	6.5	12
100	The contribution of biofilm to nitrogenous disinfection by-product formation in full-scale cyclically-operated drinking water biofilters. <i>Water Research</i> , 2019, 155, 403-409.	5.3	16
101	Formation of CX ₃ R-type disinfection by-products during the chlorination of protein: The effect of enzymolysis. <i>Chemical Engineering Journal</i> , 2019, 363, 309-317.	6.6	11
102	Formation of iodinated trihalomethanes during chlorination of amino acid in waters. <i>Chemosphere</i> , 2019, 217, 355-363.	4.2	20
103	Effect of copper corrosion products on the formation and speciation of haloacetamides and haloacetonitriles during chlorination. <i>Separation and Purification Technology</i> , 2019, 211, 467-473.	3.9	12
104	Enhanced removal of organic matter and typical disinfection byproduct precursors in combined iron-carbon micro electrolysis-UBAF process for drinking water pre-treatment. <i>Journal of Environmental Sciences</i> , 2019, 78, 315-327.	3.2	20
105	NDMA formation mechanisms from typical hydrazines and hydrazones during ozonation: A computational study. <i>Journal of Hazardous Materials</i> , 2019, 366, 370-377.	6.5	12
106	Formation of metastable disinfection byproducts during free and combined aspartic acid chlorination: Effect of peptide bonds and impact on toxicity. <i>Water Research</i> , 2020, 168, 115131.	5.3	19
107	Chlorinated effluent organic matter causes higher toxicity than chlorinated natural organic matter by inducing more intracellular reactive oxygen species. <i>Science of the Total Environment</i> , 2020, 701, 134881.	3.9	23
108	Identification of important precursors and theoretical toxicity evaluation of byproducts driving cytotoxicity and genotoxicity in chlorination. <i>Frontiers of Environmental Science and Engineering</i> , 2020, 14, 1.	3.3	13
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110	GAC to BAC: Does it make chloraminated drinking water safer?. <i>Water Research</i> , 2020, 172, 115432.	5.3	53
111	Disinfection by-products in drinking water: Occurrence, toxicity and abatement. <i>Environmental Pollution</i> , 2020, 267, 115474.	3.7	149
112	Removal of dissolved organic nitrogen amino acid from aqueous solutions using activated carbon based on date pits. <i>Water Practice and Technology</i> , 2020, 15, 1158-1173.	1.0	3
113	ClO ₂ pre-oxidation impacts the formation and nitrogen origins of dichloroacetonitrile and dichloroacetamide during subsequent chloramination. <i>Water Research</i> , 2020, 186, 116313.	5.3	13
114	Covalent organic frameworks as an efficient adsorbent for controlling the formation of disinfection by-products (DBPs) in chlorinated drinking water. <i>Science of the Total Environment</i> , 2020, 746, 141138.	3.9	10
115	Disinfection Byproducts in Drinking Water: Formation, Characterization, Control Technologies. <i>ACS Symposium Series</i> , 2020, , 119-142.	0.5	2
116	Effects of amines on the formation and photodegradation of DCNM under UV/chlorine disinfection. <i>Scientific Reports</i> , 2020, 10, 12602.	1.6	10
117	Methods for total organic halogen (TOX) analysis in water: Past, present, and future. <i>Chemical Engineering Journal</i> , 2020, 399, 125675.	6.6	24
118	Reinvestigation of NDMA formation mechanisms from tertiary amines during chloramination: a DFT study. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2078-2088.	1.2	3
119	Formation of algal-derived nitrogenous disinfection by-products during chlorination and chloramination. <i>Water Research</i> , 2020, 183, 116047.	5.3	34
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121	Novel Chlorination Byproducts of Tryptophan: Initial High-Yield Transformation Products versus Small Molecule Disinfection Byproducts. <i>Environmental Science and Technology Letters</i> , 2020, 7, 149-155.	3.9	26
122	Halogenated semivolatile acetonitriles as chloramination disinfection by-products in water treatment: a new formation pathway from activated aromatic compounds. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 653-662.	1.7	7
123	Occurrence of Free Amino Acids in the Source Waters of Zhejiang Province, China, and Their Removal and Transformation in Drinking Water Systems. <i>Water (Switzerland)</i> , 2020, 12, 73.	1.2	8
124	Bibliometric review of research trends on disinfection by-products in drinking water during 1975–2018. <i>Separation and Purification Technology</i> , 2020, 241, 116741.	3.9	43
125	The occurrence of various types of disinfectant by-products (trihalomethanes, haloacetic acids,) Tj ETQq1 1 0.784314 rgBT /Q ₅ overlock 10		
126	Effects of Pre-Oxidation on Haloacetonitrile and Trichloronitromethane Formation during Subsequent Chlorination of Nitrogenous Organic Compounds. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1046.	1.2	6
127	The formation of disinfection by-products from the chlorination and chloramination of amides. <i>Chemosphere</i> , 2020, 248, 125940.	4.2	21

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128	Vacuum ultraviolet irradiation for mitigating dissolved organic nitrogen and formation of haloacetonitriles. <i>Environmental Research</i> , 2020, 185, 109454.	3.7	8
129	Impacts of pre-oxidation on the formation of disinfection byproducts from algal organic matter in subsequent chlor(am)ination: A review. <i>Science of the Total Environment</i> , 2021, 754, 141955.	3.9	73
130	Comparative removal efficiencies of natural organic matter by conventional drinking water treatment plants in Zimbabwe and South Africa. <i>Water Environment Research</i> , 2021, 93, 570-581.	1.3	0
131	Ozonation Treatment Increases Chlorophenylacetonitrile Formation in Downstream Chlorination or Chloramination. <i>Environmental Science & Technology</i> , 2021, 55, 3747-3755.	4.6	19
132	Emission of (chlorinated) reclaimed water into a Mediterranean River and its related effects to the dissolved organic matter fingerprint. <i>Science of the Total Environment</i> , 2021, 760, 143881.	3.9	8
133	Role of precursors in the formation of trihalomethanes during chlorination of drinking water and wastewater effluents from a metropolitan region in western India. <i>Journal of Water Process Engineering</i> , 2021, 40, 101928.	2.6	22
134	Formation of nitrogenous disinfection by-products (N-DBPs) in drinking water: emerging concerns and current issue. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 801, 012015.	0.2	0
135	Public and private tapwater: Comparative analysis of contaminant exposure and potential risk, Cape Cod, Massachusetts, USA. <i>Environment International</i> , 2021, 152, 106487.	4.8	18
136	Characterization of Dissolved Organic Matter and Its Derived Disinfection Byproduct Formation along the Yangtze River. <i>Environmental Science & Technology</i> , 2021, 55, 12326-12336.	4.6	48
137	Ultrasound-enhanced coagulation for <i>Microcystis aeruginosa</i> removal and disinfection by-product control during subsequent chlorination. <i>Water Research</i> , 2021, 201, 117334.	5.3	15
138	Degradation of Tryptophan by UV Irradiation: Influencing Parameters and Mechanisms. <i>Water (Switzerland)</i> , 2021, 13, 2368.	1.2	4
139	Pilot-scale expanded assessment of inorganic and organic tapwater exposures and predicted effects in Puerto Rico, USA. <i>Science of the Total Environment</i> , 2021, 788, 147721.	3.9	17
140	Micropollutant abatement by the UV/chloramine process in potable water reuse: A review. <i>Journal of Hazardous Materials</i> , 2022, 424, 127341.	6.5	35
141	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.	3.9	6
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