

Formation of regulated and unregulated disinfection by algal organic matter extracted from freshwater and marine

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Insight into carbamazepine degradation by UV/monochloramine: Reaction mechanism, oxidation products, and DBPs formation. <i>Water Research</i> , 2018, 146, 288-297.	5.3	117
2	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.	3.9	33
3	Ferrate(VI) pre-treatment and subsequent chlorination of blue-green algae: Quantification of disinfection byproducts. <i>Environment International</i> , 2019, 133, 105195.	4.8	51
4	High ecological and human health risks from microcystins in vegetable fields in southern China. <i>Environment International</i> , 2019, 133, 105142.	4.8	67
5	Coagulation of Iodide-Containing Resorcinol Solution or Natural Waters with Ferric Chloride Can Produce Iodinated Coagulation Byproducts. <i>Environmental Science & Technology</i> , 2019, 53, 12407-12415.	4.6	28
6	Comparison of diatrizoate degradation by UV/chlorine and UV/chloramine processes: Kinetic mechanisms and iodinated disinfection byproducts formation. <i>Chemical Engineering Journal</i> , 2019, 375, 121972.	6.6	73
7	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.	5.3	30
8	A one-year long survey of temporal disinfection byproducts variations in a consumer's tap and their removals by a point-of-use facility. <i>Water Research</i> , 2019, 159, 203-213.	5.3	44
9	Temperature dependence of characteristics of organic precursors, bromide, and disinfection byproduct formation. <i>Science of the Total Environment</i> , 2019, 662, 746-754.	3.9	14
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12	Evaluation of disinfection byproduct formation from extra- and intra-cellular algal organic matters during chlorination after Fe(vi) oxidation. <i>RSC Advances</i> , 2019, 9, 41022-41030.	1.7	10
13	Current methods for analyzing drinking water disinfection byproducts. <i>Current Opinion in Environmental Science and Health</i> , 2019, 7, 98-107.	2.1	44
14	Removal of disinfection byproduct precursors and reduction in additive toxicity of chlorinated and chloraminated waters by ozonation and up-flow biological activated carbon process. <i>Chemosphere</i> , 2019, 216, 624-632.	4.2	14
15	Removal of Î²-cyclocitral by UV/persulfate and UV/chlorine process: Degradation kinetics and DBPs formation. <i>Chemical Engineering Journal</i> , 2020, 382, 122659.	6.6	38
16	Non-negligible risk of chloropicrin formation during chlorination with the UV/persulfate pretreatment process in the presence of low concentrations of nitrite. <i>Water Research</i> , 2020, 168, 115194.	5.3	50
17	Nonhalogenated Aromatic DBPs in Drinking Water Chlorination: A Gap between NOM and Halogenated Aromatic DBPs. <i>Environmental Science & Technology</i> , 2020, 54, 1646-1656.	4.6	175
18	Summation of disinfection by-product CHO cell relative toxicity indices: sampling bias, uncertainty, and a path forward. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 708-718.	1.7	12

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20	Assessing the potential effect of extreme weather on water quality and disinfection by-product formation using laboratory simulation. <i>Water Research</i> , 2020, 170, 115296.	5.3	23
21	Estimation of haloacetonitriles formation in water: Uniform formation conditions versus formation potential tests. <i>Science of the Total Environment</i> , 2020, 744, 140987.	3.9	11
22	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.	1.2	8
23	Toxicity of chlorinated algal-impacted waters: Formation of disinfection byproducts vs. reduction of cyanotoxins. <i>Water Research</i> , 2020, 184, 116145.	5.3	33
24	Treating water containing elevated bromide and iodide levels with granular activated carbon and free chlorine: impacts on disinfection byproduct formation and calculated toxicity. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 3460-3475.	1.2	7
25	Inactivation of harmful <i>Anabaena flos-aquae</i> by ultrasound irradiation: Cell disruption mechanism and enhanced coagulation. <i>Ultrasonics Sonochemistry</i> , 2020, 69, 105254.	3.8	29
26	Bioaccumulation and Phytotoxicity and Human Health Risk from Microcystin-LR under Various Treatments: A Pot Study. <i>Toxins</i> , 2020, 12, 523.	1.5	16
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30	Disinfection by-products in drinking water: detection and treatment methods. , 2020, , 279-304.		12
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33	Formation of algal-derived nitrogenous disinfection by-products during chlorination and chloramination. <i>Water Research</i> , 2020, 183, 116047.	5.3	34
34	Nitrogen conversion from ammonia to trichloronitromethane: Potential risk during UV/chlorine process. <i>Water Research</i> , 2020, 172, 115508.	5.3	40
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38	Development of adaptive neuro-fuzzy inference system model for predict trihalomethane formation potential in distribution network simulation test. <i>Environmental Science and Pollution Research</i> , 2021, 28, 15870-15882.	2.7	3
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43	Histological and chemical damage induced by microcystin-LR and microcystin-RR on land snail <i>Helix aspersa</i> tissues after acute exposure. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 245, 109031.	1.3	5
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45	Predictive modeling of haloacetonitriles under uniform formation conditions. <i>Water Research</i> , 2021, 201, 117322.	5.3	8
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47	The role of metal oxides on oxidant decay and disinfection byproduct formation in drinking waters: Relevance to distribution systems. <i>Journal of Environmental Sciences</i> , 2021, 110, 140-149.	3.2	2
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49	Synergistic cytotoxicity of bromoacetic acid and three emerging bromophenolic disinfection byproducts against human intestinal and neuronal cells. <i>Chemosphere</i> , 2022, 287, 131794.	4.2	10
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56	Impact of pre-oxidation on the formation of byproducts in algae-laden water disinfection: Insights from fluorescent and molecular weight. <i>Journal of Environmental Sciences</i> , 2022, 117, 21-27.	3.2	10
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77	Removal of algae and algogenic odor compounds via combined pre-chlorination and powdered activated carbon adsorption for source water pretreatment. <i>Separation and Purification Technology</i> , 2023, 304, 122365.	3.9	9
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