

# Comparison of the disinfection by-product formation potential to chlorine and monochloramine

Water Research

44, 729-740

DOI: [10.1016/j.watres.2009.10.008](https://doi.org/10.1016/j.watres.2009.10.008)

Citation Report

#	ARTICLE	IF	CITATIONS
2	The Influence of Temperature on Norovirus Inactivation by Monochloramine in Potable Waters: Testing with Murine Norovirus as a Surrogate for Human Norovirus. Food and Environmental Virology, 2010, 2, 97-100.	1.5	6
3	Photocatalytic oxidation of natural organic matter surrogates and the impact on trihalomethane formation potential. Chemosphere, 2010, 81, 1509-1516.	4.2	39
4	Multi-method characterization of DOM from the Turia river (Spain). Applied Geochemistry, 2010, 25, 1632-1643.	1.4	12
5	I-THM Formation and Speciation: Preformed Monochloramine versus Prechlorination Followed by Ammonia Addition. Environmental Science & Technology, 2011, 45, 10429-10437.	4.6	69
6	Investigation of factors affecting the accumulation of vinyl chloride in polyvinyl chloride piping used in drinking water distribution systems. Water Research, 2011, 45, 2607-2615.	5.3	38
7	Spatio-temporal variation in trihalomethanes in New South Wales. Water Research, 2011, 45, 5715-5726.	5.3	26
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9	Micro liquid-liquid extraction combined with large-volume injection gas chromatography-mass spectrometry for the determination of haloacetaldehydes in treated water. Journal of Chromatography A, 2011, 1218, 8295-8302.	1.8	30
10	Determination of halonitromethanes in treated water. Journal of Chromatography A, 2011, 1218, 2497-2504.	1.8	29
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19	Exposure levels to brominated compounds in seawater swimming pools treated with chlorine. Water Research, 2012, 46, 828-836.	5.3	70

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21	Optimization of chlorine-based disinfection for the control of disinfection by-products formation and CODMn: A case study. <i>Chemical Engineering Journal</i> , 2012, 197, 116-122.	6.6	9
22	Solvent-minimized extraction for determining halonitromethanes and trihalomethanes in water. <i>Journal of Chromatography A</i> , 2012, 1248, 1-8.	1.8	22
23	Disinfection by-product formation potentials in wastewater effluents and their reductions in a wastewater treatment plant. <i>Journal of Environmental Monitoring</i> , 2012, 14, 1515.	2.1	37
24	Synthesis of polyaspartic acid-melamine grafted copolymer and evaluation of its scale inhibition performance and dispersion capacity for ferric oxide. <i>Desalination</i> , 2012, 286, 285-289.	4.0	64
25	Removal of natural organic matter for controlling disinfection by-products formation by enhanced coagulation: A case study. <i>Separation and Purification Technology</i> , 2012, 84, 41-45.	3.9	41
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30	Trichloromethane Formation Potential in Killing Algae with Chlorine Dioxide. <i>Procedia Environmental Sciences</i> , 2013, 18, 597-601.	1.3	4
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39	The effects of matrices and ozone dose on changes in the characteristics of natural organic matter. <i>Chemical Engineering Journal</i> , 2013, 222, 435-443.	6.6	41
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41	Properties of sediment NOM collected from a drinking water reservoir in South China, and its association with THMs and HAAs formation. <i>Journal of Hydrology</i> , 2013, 476, 274-279.	2.3	52
42	Chlorination and chloramination of high-bromide natural water: DBPs species transformation. <i>Separation and Purification Technology</i> , 2013, 102, 86-93.	3.9	49
43	Formation of disinfection by-products from the monochloramination of chironomid larvae metabolite solution. <i>Desalination and Water Treatment</i> , 2013, 51, 5848-5854.	1.0	5
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49	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
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54	Characterization of the Molecular Weight and Reactivity of Natural Organic Matter in Surface Waters. <i>ACS Symposium Series</i> , 2014, , 209-233.	0.5	5
55	The performance of quaternized magnetic microspheres on control of disinfection by-products and toxicity in drinking water. <i>Chemical Engineering Journal</i> , 2014, 254, 230-236.	6.6	5

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75	Transformation of sulfonylurea herbicides in simulated drinking water treatment processes. <i>Environmental Science and Pollution Research</i> , 2015, 22, 3847-3855.	2.7	4
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82	Modeling Source Water TOC Using Hydroclimate Variables and Local Polynomial Regression. <i>Environmental Science &amp; Technology</i> , 2016, 50, 4413-4421.	4.6	12
83	Factors affecting THM, HAN and HNM formation during UV-chlor(am)ination of drinking water. <i>Chemical Engineering Journal</i> , 2016, 306, 1180-1188.	6.6	36
84	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
85	Effect of <i>Microcystis aeruginosa</i> on Disinfection By-Product Formation During Chlorination of Chironomid larvae Metabolites. <i>Environmental Engineering Science</i> , 2016, 33, 681-687.	0.8	2
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#	ARTICLE	IF	CITATIONS
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93	Occurrence and variability of iodinated trihalomethanes concentrations within two drinking-water distribution networks. <i>Science of the Total Environment</i> , 2016, 543, 505-513.	3.9	42
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95	Identification of disinfection by-products in freshwater and seawater swimming pools and evaluation of genotoxicity. <i>Environment International</i> , 2016, 88, 94-102.	4.8	80
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104	Toxic Byproduct Formation during Electrochemical Treatment of Latrine Wastewater. <i>Environmental Science &amp; Technology</i> , 2017, 51, 7111-7119.	4.6	157
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#	ARTICLE	IF	CITATIONS
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112	Parameters for Seawater Reverse Osmosis Product Water: A Review. <i>Exposure and Health</i> , 2017, 9, 157-168.	2.8	7
113	Formation and speciation of haloacetamides and haloacetonitriles for chlorination, chloramination, and chlorination followed by chloramination. <i>Chemosphere</i> , 2017, 166, 126-134.	4.2	29
114	Study of the Chlorination of Avobenzone in Sea Water by Gas Chromatography–High Resolution Mass Spectrometry. <i>Journal of Analytical Chemistry</i> , 2017, 72, 1369-1374.	0.4	8
115	The effectiveness of removing precursors of chlorinated organic substances in pilot water treatment plant. <i>E3S Web of Conferences</i> , 2017, 22, 00188.	0.2	0
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122	Impact of zinc on biologically mediated monochloramine decay in waters from a field based pilot scale drinking water distribution system. <i>Chemical Engineering Journal</i> , 2018, 339, 240-248.	6.6	10
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124	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
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126	The Henry's constant of monochloramine. <i>Chemosphere</i> , 2018, 192, 244-249.	4.2	5
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#	ARTICLE	IF	CITATIONS
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142	Iodo-trihalomethanes formation during chlorination and chloramination of iodide-containing waters in the presence of Cu <sup>2+</sup> . <i>Science of the Total Environment</i> , 2019, 671, 101-107.	3.9	12
143	Effects of Sunlight on the Trichloronitromethane Formation Potential of Wastewater Effluents: Dependence on Nitrite Concentration. <i>Environmental Science &amp; Technology</i> , 2019, 53, 4285-4294.	4.6	24
144	Halogenated acetaldehydes in water: A review of their occurrence, formation, precursors and control strategies. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 1331-1385.	6.6	9
145	New Technologies to Remove Halides from Water: An Overview. <i>Nanotechnology in the Life Sciences</i> , 2019, , 147-180.	0.4	5

#	ARTICLE	IF	CITATIONS
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147	Formation characteristics of carbonaceous and nitrogenous disinfection by-products depending on residual organic compounds by CGS and DAF. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34008-34017.	2.7	14
148	Corrosion inhibition performance of threonine- $\epsilon$ -modified polyaspartic acid for carbon steel in simulated cooling water. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47242.	1.3	15
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