

# CITATION REPORT

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## Nitrosamines in pilot-scale and full-scale wastewater treatment plants with ozonation

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#	Paper	IF	Citations
91	Organic Contaminant Abatement in Reclaimed Water by UV/H <sub>2</sub> O <sub>2</sub> and a Combined Process Consisting of O <sub>3</sub> /H <sub>2</sub> O <sub>2</sub> Followed by UV/H <sub>2</sub> O <sub>2</sub> : Prediction of Abatement Efficiency, Energy Consumption, and Byproduct Formation.		
90	The Role of Pre-Oxidation in Controlling NDMA Formation: A Review. <i>ACS Symposium Series</i> , <b>2015</b> , 151-174	17.4	2
89	Ozone-Enhanced Biologically Active Filtration for Wastewater Reuse. <i>Journal - American Water Works Association</i> , <b>2015</b> , 107, E685-E692	0.5	6
88	Predicting N-Nitrosamines: N-Nitrosodiethanolamine as a Significant Component of Total N-Nitrosamines in Recycled Wastewater. <i>Environmental Science and Technology Letters</i> , <b>2015</b> , 2, 54-58	11	37
87	Effects of molecular ozone and hydroxyl radical on formation of N-nitrosamines and perfluoroalkyl acids during ozonation of treated wastewaters. <i>Environmental Science: Water Research and Technology</i> , <b>2015</b> , 1, 668-678	4.2	27
86	Contribution of N-Nitrosamines and Their Precursors to Domestic Sewage by Greywaters and Blackwaters. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 13158-67	10.3	57
85	UASB reactor effluent disinfection by ozone and chlorine. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2015</b> , 50, 1215-22	2.3	3
84	Spoilt for choice: A critical review on the chemical and biological assessment of current wastewater treatment technologies. <i>Water Research</i> , <b>2015</b> , 87, 237-70	12.5	205
83	Relative Importance of Different Water Categories as Sources of N-Nitrosamine Precursors. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 13239-13248	10.3	48
82	A comprehensive survey on the occurrence and fate of nitrosamines in sewage treatment plants and water environment. <i>Science of the Total Environment</i> , <b>2016</b> , 556, 330-7	10.2	15
81	N-Nitrosamines and halogenated disinfection byproducts in U.S. Full Advanced Treatment trains for potable reuse. <i>Water Research</i> , <b>2016</b> , 101, 176-186	12.5	141
80	Emerging investigators series: prediction of trace organic contaminant abatement with UV/H <sub>2</sub> O <sub>2</sub> : development and validation of semi-empirical models for municipal wastewater effluents. <i>Environmental Science: Water Research and Technology</i> , <b>2016</b> , 2, 460-473	4.2	20
79	Reductive dehalogenation of disinfection byproducts by an activated carbon-based electrode system. <i>Water Research</i> , <b>2016</b> , 98, 354-62	12.5	21
78	N-nitrosodimethylamine (NDMA) formation during ozonation of N,N-dimethylhydrazine compounds: Reaction kinetics, mechanisms, and implications for NDMA formation control. <i>Water Research</i> , <b>2016</b> , 105, 119-128	12.5	43
77	Fate of Environmental Pollutants. <i>Water Environment Research</i> , <b>2016</b> , 88, 1619-36	2.8	4
76	Control of nitrosamines during non-potable and de facto wastewater reuse with medium pressure ultraviolet light and preformed monochloramine. <i>Environmental Science: Water Research and Technology</i> , <b>2016</b> , 2, 502-510	4.2	20
75	Organic Contaminant Abatement in Reclaimed Water by UV/H <sub>2</sub> O <sub>2</sub> and a Combined Process Consisting of O <sub>3</sub> /H <sub>2</sub> O <sub>2</sub> Followed by UV/H <sub>2</sub> O <sub>2</sub> : Prediction of Abatement Efficiency, Energy Consumption, and Byproduct Formation. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 3809-19	10.3	102

74	Advances in predicting organic contaminant abatement during ozonation of municipal wastewater effluent: reaction kinetics, transformation products, and changes of biological effects. <i>Environmental Science: Water Research and Technology</i> , <b>2016</b> , 2, 421-442	4.2	103
73	N-nitrosodimethylamine (NDMA) formation during ozonation of wastewater and water treatment polymers. <i>Chemosphere</i> , <b>2016</b> , 144, 1618-23	8.4	29
72	Elimination of trace organic contaminants during enhanced wastewater treatment with horseradish peroxidase/hydrogen peroxide (HRP/H <sub>2</sub> O <sub>2</sub> ) catalytic process. <i>Catalysis Today</i> , <b>2017</b> , 282, 86-94	5.3	20
71	Effect of Ozonation and Biological Activated Carbon Treatment of Wastewater Effluents on Formation of N-nitrosamines and Halogenated Disinfection Byproducts. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 2329-2338	10.3	98
70	Effect of advanced oxidation on N-nitrosodimethylamine (NDMA) formation and microbial ecology during pilot-scale biological activated carbon filtration. <i>Water Research</i> , <b>2017</b> , 113, 160-170	12.5	23
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64	Selective Removal of Nitrosamines from a Model Amine Carbon-Capture Waterwash Using Low-Cost Activated-Carbon Sorbents. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 10913-10922	10.3	14
63	The control of disinfection byproducts and their precursors in biologically active filtration processes. <i>Water Research</i> , <b>2017</b> , 124, 630-653	12.5	78
62	Reverse Osmosis Shifts Chloramine Speciation Causing Re-Formation of NDMA during Potable Reuse of Wastewater. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 8589-8596	10.3	43
61	Biofilms in Full-Scale Drinking Water Ozone Contactors Contribute Viable Bacteria to Ozonated Water. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 2618-2628	10.3	19
60	Molecular characterization of effluent organic matter in secondary effluent and reclaimed water: Comparison to natural organic matter in source water. <i>Journal of Environmental Sciences</i> , <b>2018</b> , 63, 140-146	6.4	23
59	N-Nitrosodimethylamine (NDMA) and its precursors in water and wastewater: A review on formation and removal. <i>Chemosphere</i> , <b>2018</b> , 191, 685-703	8.4	98
58	Removal of the precursors of N-nitrosodiethylamine (NDEA), an emerging disinfection byproduct, in drinking water treatment process and its toxicity to adult zebrafish ( <i>Danio rerio</i> ). <i>Chemosphere</i> , <b>2018</b> , 191, 1028-1037	8.4	16
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54	Removal Characteristics of N-Nitrosamines and Their Precursors by Pilot-Scale Integrated Membrane Systems for Water Reuse. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	13
53	Optimizing Ozone-Biofiltration Systems for Organic Carbon Removal in Potable Reuse Applications. <i>Ozone: Science and Engineering</i> , <b>2018</b> , 40, 427-440	2.4	7
52	Regulated and emerging disinfection by-products in recycled waters. <i>Science of the Total Environment</i> , <b>2018</b> , 637-638, 1607-1616	10.2	35
51	Application of advanced oxidation processes and toxicity assessment of transformation products. <i>Environmental Research</i> , <b>2018</b> , 167, 223-233	7.9	134
50	Performance of secondary wastewater treatment methods for the removal of contaminants of emerging concern implicated in crop uptake and antibiotic resistance spread: A review. <i>Science of the Total Environment</i> , <b>2019</b> , 648, 1052-1081	10.2	227
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