

# Amina Stoddart

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33  
papers

261  
citations

9  
h-index

15  
g-index

33  
ext. papers

371  
ext. citations

4.4  
avg, IF

3.9  
L-index

#	Paper	IF	Citations
33	Biological and physico-chemical mechanisms accelerating the acclimation of Mn-removing biofilters. <i>Water Research</i> , <b>2021</b> , 207, 117793	12.5	2
32	Exploring the Use of a Sanitation Safety Plan Framework to Identify Key Hazards in First Nations Wastewater Systems. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1454	3	0
31	Assessing the impact of multiple ultraviolet disinfection cycles on N95 filtering facepiece respirator integrity. <i>Scientific Reports</i> , <b>2021</b> , 11, 12279	4.9	2
30	Specificity of UV-C LED disinfection efficacy for three N95 respirators. <i>Scientific Reports</i> , <b>2021</b> , 11, 15350	4.9	1
29	Assessing strategies to improve the efficacy and efficiency of direct filtration plants facing changes in source water quality from anthropogenic and climatic pressures. <i>Journal of Water Process Engineering</i> , <b>2021</b> , 39, 101689	6.7	2
28	Pandemic danger to the deep: The risk of marine mammals contracting SARS-CoV-2 from wastewater. <i>Science of the Total Environment</i> , <b>2021</b> , 760, 143346	10.2	22
27	Detection of SARS-CoV-2 in wastewater in Halifax, Nova Scotia, Canada, using four RT-qPCR assays. <i>Facets</i> , <b>2021</b> , 6, 959-965	2.3	2
26	A novel passive sampling approach for SARS-CoV-2 in wastewater in a Canadian province with low prevalence of COVID-19. <i>Environmental Science: Water Research and Technology</i> , <b>2021</b> , 7, 1576-1586	4.2	10
25	Predicting manganese and iron precipitation in drinking water biofilters. <i>AWWA Water Science</i> , <b>2021</b> , 3,	1.6	1
24	An automated and high-throughput method for adenosine triphosphate quantification. <i>AWWA Water Science</i> , <b>2020</b> , 2, e1202	1.6	
23	Characterization of a commercially-available, low-pressure UV lamp as a disinfection system for decontamination of common nosocomial pathogens on N95 filtering facepiece respirator (FFR) material. <i>Environmental Science: Water Research and Technology</i> , <b>2020</b> , 6, 2089-2102	4.2	7
22	Source Water Characteristics and Building-specific Factors Influence Corrosion and Point of Use Water Quality in a Decentralized Arctic Drinking Water System. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 2192-2201	10.3	8
21	Microbiological water quality in a decentralized Arctic drinking water system. <i>Environmental Science: Water Research and Technology</i> , <b>2020</b> , 6, 1855-1868	4.2	6
20	Sedimentation: Hydraulic improvement of drinking water biofiltration. <i>AWWA Water Science</i> , <b>2019</b> , 1, e1160	1.6	1
19	Rapid Rate Biological Filtration in Drinking Water Treatment <b>2019</b> , 1-11		
18	Inactivation of biofilm-bound <i>Pseudomonas aeruginosa</i> bacteria using UVC light emitting diodes (UVC LEDs). <i>Water Research</i> , <b>2019</b> , 151, 193-202	12.5	23
17	Potential for manganese biofouling in water transmission lines using model reactors. <i>Environmental Science: Water Research and Technology</i> , <b>2018</b> , 4, 761-772	4.2	4

16	Water safety plans as a tool for drinking water regulatory frameworks in Arctic communities. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 32988-33000	5.1	7
15	Understanding the Impact of Extracellular Polymeric Substances on Lead Release in Drinking Water Systems. <i>ACS Omega</i> , <b>2018</b> , 3, 14824-14832	3.9	3
14	Water quality and filter performance of nutrient-, oxidant- and media-enhanced drinking water biofilters. <i>Environmental Science: Water Research and Technology</i> , <b>2017</b> , 3, 520-533	4.2	6
13	Lake Recovery Through Reduced Sulfate Deposition: A New Paradigm for Drinking Water Treatment. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 1414-1422	10.3	31
12	Biomass Evolution in Full-Scale Anthracite-Sand Drinking Water Filters Following Conversion to Biofiltration. <i>Journal - American Water Works Association</i> , <b>2016</b> , 108, E615-E623	0.5	7
11	Prediction of disinfection by-product formation in drinking water via fluorescence spectroscopy. <i>Environmental Science: Water Research and Technology</i> , <b>2016</b> , 2, 383-389	4.2	19
10	Role of iron and aluminum coagulant metal residuals and lead release from drinking water pipe materials. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2015</b> , 50, 414-23	2.3	21
9	Manganese removal by hydrogen peroxide and biofiltration. <i>Journal of Environmental Engineering and Science</i> , <b>2015</b> , 10, 81-91	0.8	
8	Full-Scale Prechlorine Removal: Impact on Filter Performance and Water Quality. <i>Journal - American Water Works Association</i> , <b>2015</b> , 107, E638-E647	0.5	23
7	Direct Biofiltration for Manganese Removal from Surface Water. <i>Journal of Environmental Engineering, ASCE</i> , <b>2014</b> , 140, 04014006	2	27
6	Application of photoelectrochemical chemical oxygen demand to drinking water. <i>Journal - American Water Works Association</i> , <b>2014</b> , 106, E383-E390	0.5	9
5	Combined use of resin fractionation and high performance size exclusion chromatography for characterization of natural organic matter. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2014</b> , 49, 1615-22	2.3	7
4	Operational Constraints of Detecting SARS-CoV-2 on Passive Samplers using Electronegative Filters: A Kinetic and Equilibrium Analysis. <i>ACS ES&amp;T Water</i> ,		3
3	Pandemic danger to the deep: the risk of marine mammals contracting SARS-CoV-2 from wastewater		2
2	Development and optimization of a new method for direct extraction of SARS-CoV-2 RNA from municipal wastewater using magnetic beads		3
1	Development of a rapid pre-concentration protocol and a magnetic beads-based RNA extraction method for SARS-CoV-2 detection in raw municipal wastewater. <i>Environmental Science: Water Research and Technology</i> ,	4.2	2