Amina Stoddart

List of Publications by Year
in descending order

30 papers	471 citations	758635 12 h-index	752256 20 g-index
33 all docs	33 docs citations	33 times ranked	623 citing authors

#	Article	IF	Citations
1	Inactivation of biofilm-bound Pseudomonas aeruginosa bacteria using UVC light emitting diodes (UVC) Tj ETQq1 1 0.784314 rgBT /Ove	5.3	52
2	Pandemic danger to the deep: The risk of marine mammals contracting SARS-CoV-2 from wastewater. Science of the Total Environment, 2021, 760, 143346.	3.9	51
3	Lake Recovery Through Reduced Sulfate Deposition: A New Paradigm for Drinking Water Treatment. Environmental Science & Technology, 2017, 51, 1414-1422.	4.6	40
4	Direct Biofiltration for Manganese Removal from Surface Water. Journal of Environmental Engineering, ASCE, 2014, 140, .	0.7	35
5	Fullâ€Scale Prechlorine Removal: Impact on Filter Performance and Water Quality. Journal - American Water Works Association, 2015, 107, E638.	0.2	32
6	A novel passive sampling approach for SARS-CoV-2 in wastewater in a Canadian province with low prevalence of COVID-19. Environmental Science: Water Research and Technology, 2021, 7, 1576-1586.	1.2	30
7	Role of iron and aluminum coagulant metal residuals and lead release from drinking water pipe materials. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 414-423.	0.9	26
8	Prediction of disinfection by-product formation in drinking water via fluorescence spectroscopy. Environmental Science: Water Research and Technology, 2016, 2, 383-389.	1.2	23
9	Operational Constraints of Detecting SARS-CoV-2 on Passive Samplers using Electronegative Filters: A Kinetic and Equilibrium Analysis. ACS ES&T Water, 2022, 2, 1910-1920.	2.3	15
10	Development of a rapid pre-concentration protocol and a magnetic beads-based RNA extraction method for SARS-CoV-2 detection in raw municipal wastewater. Environmental Science: Water Research and Technology, 2021, 8, 47-61.	1.2	14
11	Source Water Characteristics and Building-specific Factors Influence Corrosion and Point of Use Water Quality in a Decentralized Arctic Drinking Water System. Environmental Science & Technology, 2020, 54, 2192-2201.	4.6	13
12	Application of photoelectrochemical chemical oxygen demand to drinking water. Journal - American Water Works Association, 2014, 106, E383.	0.2	12
13	Biological and physico-chemical mechanisms accelerating the acclimation of Mn-removing biofilters. Water Research, 2021, 207, 117793.	5.3	12
14	Combined use of resin fractionation and high performance size exclusion chromatography for characterization of natural organic matter. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2014, 49, 1615-1622.	0.9	11
15	Biomass Evolution in Fullâ€Scale Anthraciteâ€Sand Drinking Water Filters Following Conversion to Biofiltration. Journal - American Water Works Association, 2016, 108, E615.	0.2	11
16	Potential for manganese biofouling in water transmission lines using model reactors. Environmental Science: Water Research and Technology, 2018, 4, 761-772.	1.2	10
17	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. Environmental Science: Water Research and Technology, 2020, 6, 2089-2102.	1.2	10
18	Water safety plans as a tool for drinking water regulatory frameworks in Arctic communities. Environmental Science and Pollution Research, 2018, 25, 32988-33000.	2.7	9

#	Article	IF	Citations
19	Detection of SARS-CoV-2 in wastewater in Halifax, Nova Scotia, Canada, using four RT-qPCR assays. Facets, 2021, 6, 959-965.	1.1	9
20	Understanding the Impact of Extracellular Polymeric Substances on Lead Release in Drinking Water Systems. ACS Omega, 2018, 3, 14824-14832.	1.6	8
21	Microbiological water quality in a decentralized Arctic drinking water system. Environmental Science: Water Research and Technology, 2020, 6, 1855-1868.	1.2	8
22	Water quality and filter performance of nutrient-, oxidant- and media-enhanced drinking water biofilters. Environmental Science: Water Research and Technology, 2017, 3, 520-533.	1.2	7
23	Assessing the impact of multiple ultraviolet disinfection cycles on N95 filtering facepiece respirator integrity. Scientific Reports, 2021, 11, 12279.	1.6	7
24	Specificity of UV-C LED disinfection efficacy for three N95 respirators. Scientific Reports, 2021, 11, 15350.	1.6	6
25	Predicting manganese and iron precipitation in drinking water biofilters. AWWA Water Science, 2021, 3, .	1.0	5
26	Assessing strategies to improve the efficacy and efficiency of direct filtration plants facing changes in source water quality from anthropogenic and climatic pressures. Journal of Water Process Engineering, 2021, 39, 101689.	2.6	3
27	Exploring the Use of a Sanitation Safety Plan Framework to Identify Key Hazards in First Nations Wastewater Systems. Water (Switzerland), 2021, 13, 1454.	1.2	2
28	Manganese removal by hydrogen peroxide and biofiltration. Journal of Environmental Engineering and Science, 2015, 10, 81-91.	0.3	1
29	Sedimentation: Hydraulic improvement of drinking water biofiltration. AWWA Water Science, 2019, 1, e1160.	1.0	1
30	An automated and high-throughput method for adenosine triphosphate quantification. AWWA Water Science, 2020, 2, e1202.	1.0	1