Aleksandra Szczuka

List of Publications by Year
in descending order

17	704	623188 14	839053 18
papers	citations	h-index	g-index

18	18	18	809
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reactivity of Viral Nucleic Acids with Chlorine and the Impact of Virus Encapsidation. Environmental Science & Technology, 2022, 56, 218-227.	4.6	19
2	Recovery of Clean Water and Ammonia from Domestic Wastewater: Impacts on Embodied Energy and Greenhouse Gas Emissions. Environmental Science & Technology, 2022, 56, 8712-8721.	4.6	17
3	Removal of Pathogens and Chemicals of Emerging Concern by Pilot-Scale FO-RO Hybrid Units Treating RO Concentrate, Graywater, and Sewage for Centralized and Decentralized Potable Reuse. ACS ES&T Water, 2021, 1, 89-100.	2.3	15
4	Control of sulfides and coliphage MS2 using hydrogen peroxide and UV disinfection for non-potable reuse of pilot-scale anaerobic membrane bioreactor effluent. Water Research X, 2021, 11, 100097.	2.8	11
5	Optimization of reverse osmosis operational conditions to maximize ammonia removal from the effluent of an anaerobic membrane bioreactor. Environmental Science: Water Research and Technology, 2021, 7, 739-747.	1.2	22
6	N-Nitrosodimethylamine Formation during UV/Hydrogen Peroxide and UV/Chlorine Advanced Oxidation Process Treatment Following Reverse Osmosis for Potable Reuse. Environmental Science & Technology, 2020, 54, 15465-15475.	4.6	31
7	Pilot-scale ozone/biological activated carbon treatment of reverse osmosis concentrate: potential for synergism between nitrate and contaminant removal and potable reuse. Environmental Science: Water Research and Technology, 2020, 6, 1421-1431.	1.2	11
8	Efficacy of ozone for removal of pesticides, metals and indicator virus from reverse osmosis concentrates generated during potable reuse of municipal wastewaters. Water Research, 2020, 176, 115744.	5.3	45
9	Pilot-scale evaluation of oxidant speciation, 1,4-dioxane degradation and disinfection byproduct formation during UV/hydrogen peroxide, UV/free chlorine and UV/chloramines advanced oxidation process treatment for potable reuse. Water Research, 2019, 164, 114939.	5.3	87
10	Bench-scale column evaluation of factors associated with changes in N-nitrosodimethylamine (NDMA) precursor concentrations during drinking water biofiltration. Water Research, 2019, 167, 115103.	5.3	17
11	Evaluation of Enhanced Ozoneâ€“Biologically Active Filtration Treatment for the Removal of 1,4-Dioxane and Disinfection Byproduct Precursors from Wastewater Effluent. Environmental Science & Technology, 2019, 53, 2720-2730.	4.6	36
12	Comparison of Toxicity-Weighted Disinfection Byproduct Concentrations in Potable Reuse Waters and Conventional Drinking Waters as a New Approach to Assessing the Quality of Advanced Treatment Train Waters. Environmental Science & Technology, 2019, 53, 3729-3738.	4.6	80
13	Evaluation of a Pilot Anaerobic Secondary Effluent for Potable Reuse: Impact of Different Disinfection Schemes on Organic Fouling of RO Membranes and DBP Formation. Environmental Science & Technology, 2019, 53, 3166-3176.	4.6	27
14	Pilot-scale comparison of microfiltration/reverse osmosis and ozone/biological activated carbon with UV/hydrogen peroxide or UV/free chlorine AOP treatment for controlling disinfection byproducts during wastewater reuse. Water Research, 2019, 152, 215-225.	5.3	87
15	Regulated and unregulated halogenated disinfection byproduct formation from chlorination of saline groundwater. Water Research, 2017, 122, 633-644.	5.3	80
16	Effect of Thiols, Zinc, and Redox Conditions on Hg Uptake in Shewanella oneidensis. Environmental Science & Technology, 2015, 49, 7432-7438.	4.6	39
17	Effect of Divalent Metals on Hg(II) Uptake and Methylation by Bacteria. Environmental Science & Technology, 2014, 48, 3007-3013.	4.6	79