

Lizabeth Taylor-Edmonds

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

447
citations

840776

11
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

491
citing authors

#	ARTICLE	IF	CITATIONS
1	Granular Activated Carbon Treatment May Result in Higher Predicted Genotoxicity in the Presence of Bromide. <i>Environmental Science & Technology</i> , 2016, 50, 9583-9591.	10.0	83
2	Engineered biofiltration for the removal of disinfection by-product precursors and genotoxicity. <i>Water Research</i> , 2015, 81, 196-207.	11.3	67
3	Effects of coagulation on the removal of natural organic matter, genotoxicity, and precursors to halogenated furanones. <i>Water Research</i> , 2015, 70, 118-129.	11.3	42
4	Ozone/peroxide advanced oxidation in combination with biofiltration for taste and odour control and organics removal. <i>Chemosphere</i> , 2018, 212, 272-281.	8.2	35
5	Comparative assessment of ceramic media for drinking water biofiltration. <i>Water Research</i> , 2018, 128, 1-9.	11.3	33
6	Engineered biofiltration for ultrafiltration fouling mitigation and disinfection by-product precursor control. <i>Water Science and Technology: Water Supply</i> , 2015, 15, 124-133.	2.1	32
7	Fluorescence spectroscopy for monitoring reduction of natural organic matter and halogenated furanone precursors by biofiltration. <i>Chemosphere</i> , 2016, 153, 155-161.	8.2	30
8	Impact of biofilter operation on microbial community structure and performance. <i>Journal of Water Process Engineering</i> , 2018, 24, 35-41.	5.6	26
9	The contribution of biofilm to nitrogenous disinfection by-product formation in full-scale cyclically-operated drinking water biofilters. <i>Water Research</i> , 2019, 155, 403-409.	11.3	16
10	Biofilter scaling procedures for organics removal: A potential alternative to piloting. <i>Water Research</i> , 2019, 151, 87-97.	11.3	13
11	Pilot-scale comparison of cyclically and continuously operated drinking water biofilters: Evaluation of biomass, biological activity and treated water quality. <i>Water Research</i> , 2019, 149, 488-495.	11.3	12
12	Summation of disinfection by-product CHO cell relative toxicity indices: sampling bias, uncertainty, and a path forward. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 708-718.	3.5	12
13	Impact of carbon-based nutrient enhancement on biofiltration performance for drinking water treatment. <i>Journal of Environmental Sciences</i> , 2019, 82, 124-131.	6.1	11
14	Effective enzyme activity: A proposed monitoring methodology for biofiltration systems with or without ozone. <i>Water Research</i> , 2020, 183, 116069.	11.3	11
15	Evaluation of enzyme activity for monitoring biofiltration performance in drinking water treatment. <i>Water Research</i> , 2021, 205, 117636.	11.3	9
16	Low toxicological impact of wastewaters on drinking water sources. <i>Water Research</i> , 2020, 171, 115376.	11.3	7
17	Impact of backwash on biofiltration-related nitrogenous disinfection by-product formation. <i>Water Research</i> , 2020, 174, 115641.	11.3	6
18	Quantitative microbial risk assessments for drinking water facilities: evaluation of a range of treatment strategies. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 1943-1955.	2.4	2