

Marlene K Wolfe

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,265
citations

471061

17
h-index

500791

28
g-index

42
all docs

42
docs citations

42
times ranked

1376
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 RNA in Wastewater Settled Solids Is Associated with COVID-19 Cases in a Large Urban Sewershed. <i>Environmental Science & Technology</i> , 2021, 55, 488-498.	4.6	286
2	Scaling of SARS-CoV-2 RNA in Settled Solids from Multiple Wastewater Treatment Plants to Compare Incidence Rates of Laboratory-Confirmed COVID-19 in Their Sewersheds. <i>Environmental Science and Technology Letters</i> , 2021, 8, 398-404.	3.9	89
3	Wastewater-Based Detection of Two Influenza Outbreaks. <i>Environmental Science and Technology Letters</i> , 2022, 9, 687-692.	3.9	80
4	High-Frequency, High-Throughput Quantification of SARS-CoV-2 RNA in Wastewater Settled Solids at Eight Publicly Owned Treatment Works in Northern California Shows Strong Association with COVID-19 Incidence. <i>MSystems</i> , 2021, 6, e0082921.	1.7	70
5	Notes from the Field: Early Evidence of the SARS-CoV-2 B.1.1.529 (Omicron) Variant in Community Wastewater – United States, November–December 2021. <i>Morbidity and Mortality Weekly Report</i> , 2022, 71, 103-105.	9.0	65
6	Respiratory Syncytial Virus (RSV) RNA in Wastewater Settled Solids Reflects RSV Clinical Positivity Rates. <i>Environmental Science and Technology Letters</i> , 2022, 9, 173-178.	3.9	65
7	SARS-CoV-2 RNA is enriched by orders of magnitude in primary settled solids relative to liquid wastewater at publicly owned treatment works. <i>Environmental Science: Water Research and Technology</i> , 2022, 8, 757-770.	1.2	46
8	Effects of single and integrated water, sanitation, handwashing, and nutrition interventions on child soil-transmitted helminth and <i>Giardia</i> infections: A cluster-randomized controlled trial in rural Kenya. <i>PLoS Medicine</i> , 2019, 16, e1002841.	3.9	42
9	Detection of SARS-CoV-2 Variants Mu, Beta, Gamma, Lambda, Delta, Alpha, and Omicron in Wastewater Settled Solids Using Mutation-Specific Assays Is Associated with Regional Detection of Variants in Clinical Samples. <i>Applied and Environmental Microbiology</i> , 2022, 88, e0004522.	1.4	40
10	Effect of storage conditions on SARS-CoV-2 RNA quantification in wastewater solids. <i>PeerJ</i> , 2021, 9, e11933.	0.9	39
11	Handwashing and Ebola virus disease outbreaks: A randomized comparison of soap, hand sanitizer, and 0.05% chlorine solutions on the inactivation and removal of model organisms <i>Phi6</i> and <i>E. coli</i> from hands and persistence in rinse water. <i>PLoS ONE</i> , 2017, 12, e0172734.	1.1	38
12	A Systematic Review and Meta-Analysis of the Association between Water, Sanitation, and Hygiene Exposures and Cholera in Case–Control Studies. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 99, 534-545.	0.6	38
13	Standardized preservation, extraction and quantification techniques for detection of fecal SARS-CoV-2 RNA. <i>Nature Communications</i> , 2021, 12, 5753.	5.8	32
14	Surface Cleaning and Disinfection: Efficacy Assessment of Four Chlorine Types Using <i>Escherichia coli</i> and the Ebola Surrogate <i>Phi6</i> . <i>Environmental Science & Technology</i> , 2017, 51, 4624-4631.	4.6	31
15	Shelf-Life of Chlorine Solutions Recommended in Ebola Virus Disease Response. <i>PLoS ONE</i> , 2016, 11, e0156136.	1.1	25
16	Preventing Scientific and Ethical Misuse of Wastewater Surveillance Data. <i>Environmental Science & Technology</i> , 2021, 55, 11473-11475.	4.6	25
17	Associations among Water, Sanitation, and Hygiene, and Food Exposures and Typhoid Fever in Case–Control Studies: A Systematic Review and Meta-Analysis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 1020-1031.	0.6	23
18	Regional Replacement of SARS-CoV-2 Variant Omicron BA.1 with BA.2 as Observed through Wastewater Surveillance. <i>Environmental Science and Technology Letters</i> , 2022, 9, 575-580.	3.9	23

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19	Seeking Clearer Recommendations for Hand Hygiene in Communities Facing Ebola: A Randomized Trial Investigating the Impact of Six Handwashing Methods on Skin Irritation and Dermatitis. PLoS ONE, 2016, 11, e0167378.	1.1	16
20	SARS-CoV-2 RNA Wastewater Settled Solids Surveillance Frequency and Impact on Predicted COVID-19 Incidence Using a Distributed Lag Model. ACS ES&T Water, 2022, 2, 2167-2174.	2.3	14
21	SARS-CoV-2 RNA and N Antigen Quantification via Wastewater at the Campus Level, Building Cluster Level, and Individual-Building Level. ACS ES&T Water, 2022, 2, 2025-2033.	2.3	14
22	Barriers and Facilitators to Chlorine Tablet Distribution and Use in Emergencies: A Qualitative Assessment. Water (Switzerland), 2019, 11, 1121.	1.2	12
23	Accuracy, Precision, Ease-Of-Use, and Cost of Methods to Test Ebola-Relevant Chlorine Solutions. PLoS ONE, 2016, 11, e0152442.	1.1	9
24	Ruminant Fecal Contamination of Drinking Water Introduced Post-Collection in Rural Kenyan Households. International Journal of Environmental Research and Public Health, 2020, 17, 608.	1.2	9
25	Invited Perspective: The Promise of Wastewater Monitoring for Infectious Disease Surveillance. Environmental Health Perspectives, 2022, 130, 51302.	2.8	8
26	A Method to Test the Efficacy of Handwashing for the Removal of Emerging Infectious Pathogens. Journal of Visualized Experiments, 2017, , .	0.2	6
27	Determining the Efficacy, Safety and Suitability of Disinfectants to Prevent Emerging Infectious Disease Transmission. Water (Switzerland), 2018, 10, 1397.	1.2	2