

Nicole Fahrenfeld

List of Publications by Year in descending order

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36
papers

1,316
citations

516215

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docs citations

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times ranked

1919
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolically Active Prokaryotes and Actively Transcribed Antibiotic Resistance Genes in Sewer Systems: Implications for Public Health and Microbially Induced Corrosion. <i>Microbial Ecology</i> , 2022, 83, 583-595.	1.4	3
2	Inter-storm variation in microplastic concentration and polymer type at stormwater outfalls and a bioretention basin. <i>Science of the Total Environment</i> , 2022, 809, 151104.	3.9	21
3	Comparison of residential dormitory COVID-19 monitoring via weekly saliva testing and sewage monitoring. <i>Science of the Total Environment</i> , 2022, 814, 151947.	3.9	28
4	Accumulation of SARS-CoV-2 RNA in Sewer Biofilms. <i>ACS ES&T Water</i> , 2022, 2, 1844-1851.	2.3	16
5	Pervasive occurrence of microplastics in Hudson-Raritan estuary zooplankton. <i>Science of the Total Environment</i> , 2022, 817, 152812.	3.9	16
6	Abundance, diversity, and host assignment of total, intracellular, and extracellular antibiotic resistance genes in riverbed sediments. <i>Water Research</i> , 2022, 217, 118363.	5.3	12
7	Year-long wastewater monitoring for SARS-CoV-2 signals in combined and separate sanitary sewers. <i>Water Environment Research</i> , 2022, 94, .	1.3	8
8	Total coliform and <i>Escherichia coli</i> in microplastic biofilms grown in wastewater and inactivation by peracetic acid. <i>Water Environment Research</i> , 2021, 93, 334-342.	1.3	15
9	Editorial: April 2021. <i>Water Environment Research</i> , 2021, 93, 490-490.	1.3	0
10	Quantification and composition of microplastics in the Raritan Hudson Estuary: Comparison to pathways of entry and implications for fate. <i>Chemosphere</i> , 2021, 272, 129886.	4.2	30
11	Potential for nontuberculous mycobacteria proliferation in natural and engineered water systems due to climate change: A literature review. <i>City and Environment Interactions</i> , 2021, 11, 100070.	1.8	8
12	Factors associated with elevated levels of antibiotic resistance genes in sewer sediments and wastewater. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 1697-1710.	1.2	15
13	Sewer biofilm microbiome and antibiotic resistance genes as function of pipe material, source of microbes, and disinfection: field and laboratory studies. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2122-2137.	1.2	6
14	April's WER Editor's Choice: "Protecting wastewater workers from disease risks: Personal protective equipment guidelines". <i>Water Environment Research</i> , 2020, 92, 494-494.	1.3	0
15	Tagging the vanA gene in wastewater microbial communities for cell sorting and taxonomy of vanA carrying cells. <i>Science of the Total Environment</i> , 2020, 732, 138865.	3.9	4
16	Settling and Peracetic Acid for End-of-Pipe Treatment of <i>Sulfolobus</i> 1-Carrying Indicator Organisms and Impact on Receiving Water. <i>Journal of Environmental Engineering, ASCE</i> , 2019, 145, .	0.7	2
17	Microplastic biofilm in fresh- and wastewater as a function of microparticle type and size class. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 495-505.	1.2	97
18	Revisiting John Snow to Meet the Challenge of Nontuberculous Mycobacterial Lung Disease. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4250.	1.2	9

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19	Comparison of qPCR and amplicon sequencing based methods for fecal source tracking in a mixed land use estuarine watershed. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 2108-2123.	1.2	2
20	Viability-based quantification of antibiotic resistance genes and human fecal markers in wastewater effluent and receiving waters. <i>Science of the Total Environment</i> , 2019, 656, 495-502.	3.9	22
21	Source tracking microplastics in the freshwater environment. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 112, 248-254.	5.8	132
22	Shifts in microbial community structure and function in surface waters impacted by unconventional oil and gas wastewater revealed by metagenomics. <i>Science of the Total Environment</i> , 2017, 580, 1205-1213.	3.9	39
23	Peracetic acid disinfection kinetics for combined sewer overflows: indicator organisms, antibiotic resistance genes, and microbial community. <i>Environmental Science: Water Research and Technology</i> , 2017, 3, 1061-1072.	1.2	16
24	Partitioning of Antibiotic Resistance Genes and Fecal Indicators Varies Intra and Inter-Storm during Combined Sewer Overflows. <i>Frontiers in Microbiology</i> , 2017, 8, 2024.	1.5	24
25	Fecal Sterol and Runoff Analysis for Nonpoint Source Tracking. <i>Journal of Environmental Quality</i> , 2016, 45, 315-322.	1.0	8
26	Metagenomic profiling of historic Colorado Front Range flood impact on distribution of riverine antibiotic resistance genes. <i>Scientific Reports</i> , 2016, 6, 38432.	1.6	55
27	Emerging investigators series: sewer surveillance for monitoring antibiotic use and prevalence of antibiotic resistance: urban sewer epidemiology. <i>Environmental Science: Water Research and Technology</i> , 2016, 2, 788-799.	1.2	29
28	Influence of wastewater treatment plant discharges on microplastic concentrations in surface water. <i>Chemosphere</i> , 2016, 162, 277-284.	4.2	293
29	Disinfection of Microbial Agents in Combined Sewer Overflows Using the Green Disinfectant Peracetic Acid. <i>Proceedings of the Water Environment Federation</i> , 2016, 2016, 1450-1457.	0.0	0
30	Kinetic and Pathway Modeling of Reductive 2,4,6-Trinitrotoluene Biodegradation with Different Electron Donors. <i>Journal of Environmental Engineering, ASCE</i> , 2015, 141, 04015014.	0.7	2
31	Antibiotic resistance profiles among mesophilic aerobic bacteria in Nigerian chicken litter and associated antibiotic resistance genes. <i>Poultry Science</i> , 2015, 94, 867-874.	1.5	28
32	Insights into Biodegradation Through Depth-Resolved Microbial Community Functional and Structural Profiling of a Crude-Oil Contaminant Plume. <i>Microbial Ecology</i> , 2014, 68, 453-462.	1.4	39
33	Effect of Manure Application on Abundance of Antibiotic Resistance Genes and Their Attenuation Rates in Soil: Field-Scale Mass Balance Approach. <i>Environmental Science & Technology</i> , 2014, 48, 2643-2650.	4.6	185
34	Effect of biostimulants on 2,4,6-trinitrotoluene (TNT) degradation and bacterial community composition in contaminated aquifer sediment enrichments. <i>Biodegradation</i> , 2013, 24, 179-190.	1.5	36
35	Reclaimed water as a reservoir of antibiotic resistance genes: distribution system and irrigation implications. <i>Frontiers in Microbiology</i> , 2013, 4, 130.	1.5	114
36	Nontuberculous Mycobacteria in the Biofilm Microbiome of Private Well and Premise Plumbing. <i>Environmental Engineering Science</i> , 0, , .	0.8	2