

Precipitation influences pathogenic bacteria and antibiotic storm drain outfalls in coastal sub-tropical waters

Environment International

116, 308-318

DOI: [10.1016/j.envint.2018.04.005](https://doi.org/10.1016/j.envint.2018.04.005)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Effect of Rainfall on the Microbial Water Quality of a Tropical Urban Catchment. <i>Journal of Environmental Quality</i> , 2018, 47, 1242-1248.	1.0	1
2	A review on microbial contaminants in stormwater runoff and outfalls: Potential health risks and mitigation strategies. <i>Science of the Total Environment</i> , 2019, 692, 1304-1321.	3.9	85
3	Developing a framework for stormwater management: leveraging ancillary benefits from urban greenspace. <i>Urban Ecosystems</i> , 2019, 22, 1139-1148.	1.1	34
4	Characterizing the soil microbiome and quantifying antibiotic resistance gene dynamics in agricultural soil following swine CAFO manure application. <i>PLoS ONE</i> , 2019, 14, e0220770.	1.1	42
5	Decoupling the Dynamics of Bacterial Taxonomy and Antibiotic Resistance Function in a Subtropical Urban Reservoir as Revealed by High-Frequency Sampling. <i>Frontiers in Microbiology</i> , 2019, 10, 1448.	1.5	27
6	Distribution and co-occurrence of antibiotic and metal resistance genes in biofilms of an anthropogenically impacted stream. <i>Science of the Total Environment</i> , 2019, 688, 437-449.	3.9	40
7	Antibiotic Resistance Genes in Freshwater Trout Farms in a Watershed in Chile. <i>Journal of Environmental Quality</i> , 2019, 48, 1462-1471.	1.0	16
8	A conceptual framework for the environmental surveillance of antibiotics and antibiotic resistance. <i>Environment International</i> , 2019, 130, 104880.	4.8	142
9	Tetracycline exposure shifted microbial communities and enriched antibiotic resistance genes in the aerobic granular sludge. <i>Environment International</i> , 2019, 130, 104902.	4.8	78
10	Use of <i>Escherichia coli</i> genes associated with human sewage to track fecal contamination source in subtropical waters. <i>Science of the Total Environment</i> , 2019, 686, 1069-1075.	3.9	21
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13	Time-resolved spread of antibiotic resistance genes in highly polluted air. <i>Environment International</i> , 2019, 127, 333-339.	4.8	67
14	Ecology of Pathogens and Antibiotic-resistant Bacteria in Environments: Challenges and Opportunities. <i>Microbes and Environments</i> , 2019, 34, 1-4.	0.7	12
15	Critical Evaluation of CrAssphage as a Molecular Marker for Human-Derived Wastewater Contamination in the Aquatic Environment. <i>Food and Environmental Virology</i> , 2019, 11, 113-119.	1.5	77
16	Contributions and Challenges of High Throughput qPCR for Determining Antimicrobial Resistance in the Environment: A Critical Review. <i>Molecules</i> , 2019, 24, 163.	1.7	89
17	Fecal pollution can explain antibiotic resistance gene abundances in anthropogenically impacted environments. <i>Nature Communications</i> , 2019, 10, 80.	5.8	378
18	Role of wastewater treatment plants on environmental abundance of Antimicrobial Resistance Genes in Chilean rivers. <i>International Journal of Hygiene and Environmental Health</i> , 2020, 223, 56-64.	2.1	27

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19	Antimicrobial resistance in freshwater <i>Plesiomonas shigelloides</i> isolates: Implications for environmental pollution and risk assessment. <i>Environmental Pollution</i> , 2020, 257, 113493.	3.7	17
20	Airborne bacterial communities and antibiotic resistance gene dynamics in PM2.5 during rainfall. <i>Environment International</i> , 2020, 134, 105318.	4.8	32
21	Microbial source tracking. , 2020, , 71-87.		1
22	International tempo-spatial study of antibiotic resistance genes across the Rhine river using newly developed multiplex qPCR assays. <i>Science of the Total Environment</i> , 2020, 706, 135733.	3.9	20
23	Frequency and diversity of <i>Stenotrophomonas</i> spp. carrying blaKPC in recreational coastal waters. <i>Water Research</i> , 2020, 185, 116210.	5.3	12
24	Fecal indicator bacteria, direct pathogen detection, and microbial community analysis provide different microbiological water quality assessment of a tropical urban marine estuary. <i>Water Research</i> , 2020, 185, 116280.	5.3	23
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27	Antimicrobial-resistant microorganisms and their genetic determinants in stormwater: A systematic review. <i>Current Opinion in Environmental Science and Health</i> , 2020, 16, 101-112.	2.1	18
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29	Quantification of antibiotic resistance genes for environmental monitoring: Current methods and future directions. <i>Current Opinion in Environmental Science and Health</i> , 2020, 16, 47-53.	2.1	19
30	Fungal contaminants in water and sand: A new frontier for quantitative microbial risk assessment. <i>Current Opinion in Environmental Science and Health</i> , 2020, 16, 73-81.	2.1	10
31	Residential urban stormwater runoff: A comprehensive profile of microbiome and antibiotic resistance. <i>Science of the Total Environment</i> , 2020, 723, 138033.	3.9	44
32	Diversity and Genetic Basis for Carbapenem Resistance in a Coastal Marine Environment. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	12
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34	The potential of <i>Aeromonas</i> spp. from wildlife as antimicrobial resistance indicators in aquatic environments. <i>Ecological Indicators</i> , 2020, 115, 106396.	2.6	21
35	Relationships among microbial indicators of fecal pollution, microbial source tracking markers, and pathogens in Costa Rican coastal waters. <i>Water Research</i> , 2021, 188, 116507.	5.3	40
36	Microbial community composition and antimicrobial resistance in agricultural soils fertilized with livestock manure from conventional farming in Northern Italy. <i>Science of the Total Environment</i> , 2021, 760, 143404.	3.9	39

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38	Metagenomic Sequencing and Quantitative Real-Time PCR for Fecal Pollution Assessment in an Urban Watershed. <i>Frontiers in Water</i> , 2021, 3, 626849.	1.0	15
39	Immediate Impact of Hurricane Lane on Microbiological Quality of Coastal Water in Hilo Bay, Hawaii. <i>Environmental Science & Technology</i> , 2021, 55, 2960-2967.	4.6	6
40	Twenty-first century molecular methods for analyzing antimicrobial resistance in surface waters to support One Health assessments. <i>Journal of Microbiological Methods</i> , 2021, 184, 106174.	0.7	17
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47	A review on present and future microbial surface water quality worldwide. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 16, 100523.	1.7	4
48	The role of iron-based nanoparticles (Fe-NPs) on methanogenesis in anaerobic digestion (AD) performance. <i>Environmental Research</i> , 2022, 204, 112043.	3.7	25
50	Persisting antibiotic resistance gene pollution and its association with human sewage sources in tropical marine beach waters. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 238, 113859.	2.1	17
51	Carbapenem Resistance among Marine Bacteria—An Emerging Threat to the Global Health Sector. <i>Microorganisms</i> , 2021, 9, 2147.	1.6	3
52	The heavy metal pollution in groundwater, surface and spring water in phosphorite mining area of Tebessa (Algeria). <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 16, 100591.	1.7	4
53	Global trends in ARGs measured by HT-qPCR platforms. , 2020, , 206-222.		5
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57	A framework for standardized qPCR-targets and protocols for quantifying antibiotic resistance in surface water, recycled water and wastewater. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 4395-4419.	6.6	27
58	Community Structure and Functional Annotations of the Skin Microbiome in Healthy and Diseased Catfish, <i>Heteropneustes fossilis</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 856014.	1.5	4
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61	The Effects of a Typhoon on the Dynamic of Microbial Community Structure and Water Quality of the Marine Bathing Beach. <i>Water (Switzerland)</i> , 2022, 14, 1631.	1.2	1
62	Seasonal and spatial patterns differ between intracellular and extracellular antibiotic resistance genes in urban stormwater runoff. <i>Environmental Science Advances</i> , 2022, 1, 380-390.	1.0	2
63	Antimicrobial Resistance Monitoring of Water Environments: A Framework for Standardized Methods and Quality Control. <i>Environmental Science & Technology</i> , 2022, 56, 9149-9160.	4.6	80
64	Annual Precipitation and Discharge Drive Increases in <i>Escherichia Coli</i> Concentrations in an Urban Stream. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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66	Storm promotes the dissemination of antibiotic resistome in an urban lagoon through enhancing bio-interactions. <i>Environment International</i> , 2022, 168, 107457.	4.8	3
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