

# Warish Ahmed

## List of Publications by Citations

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**Version:** 2024-04-26

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155  
papers

6,361  
citations

42  
h-index

74  
g-index

163  
ext. papers

8,509  
ext. citations

7.6  
avg, IF

6.38  
L-index

#	Paper	IF	Citations
155	First confirmed detection of SARS-CoV-2 in untreated wastewater in Australia: A proof of concept for the wastewater surveillance of COVID-19 in the community. <i>Science of the Total Environment</i> , <b>2020</b> , 728, 138764	10.2	829
154	SARS-CoV-2 in wastewater: State of the knowledge and research needs. <i>Science of the Total Environment</i> , <b>2020</b> , 739, 139076	10.2	351
153	First detection of SARS-CoV-2 RNA in wastewater in North America: A study in Louisiana, USA. <i>Science of the Total Environment</i> , <b>2020</b> , 743, 140621	10.2	228
152	Comparison of virus concentration methods for the RT-qPCR-based recovery of murine hepatitis virus, a surrogate for SARS-CoV-2 from untreated wastewater. <i>Science of the Total Environment</i> , <b>2020</b> , 739, 139960	10.2	225
151	Persistence of SARS-CoV-2 in Water and Wastewater. <i>Environmental Science and Technology Letters</i> , <b>2020</b> , 7, 937-942	11	169
150	Decay of SARS-CoV-2 and surrogate murine hepatitis virus RNA in untreated wastewater to inform application in wastewater-based epidemiology. <i>Environmental Research</i> , <b>2020</b> , 191, 110092	7.9	156
149	Real-time PCR detection of pathogenic microorganisms in roof-harvested rainwater in Southeast Queensland, Australia. <i>Applied and Environmental Microbiology</i> , <b>2008</b> , 74, 5490-6	4.8	121
148	Sewage pollution in urban stormwater runoff as evident from the widespread presence of multiple microbial and chemical source tracking markers. <i>Science of the Total Environment</i> , <b>2013</b> , 463-464, 488-96	10.2	120
147	Microbiological quality of roof-harvested rainwater and health risks: a review. <i>Journal of Environmental Quality</i> , <b>2011</b> , 40, 13-21	3.4	112
146	Health risk from the use of roof-harvested rainwater in Southeast Queensland, Australia, as potable or nonpotable water, determined using quantitative microbial risk assessment. <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 7382-91	4.8	105
145	Prevalence of human pathogens and indicators in stormwater runoff in Brisbane, Australia. <i>Water Research</i> , <b>2012</b> , 46, 6652-60	12.5	102
144	SARS-CoV-2 RNA monitoring in wastewater as a potential early warning system for COVID-19 transmission in the community: A temporal case study. <i>Science of the Total Environment</i> , <b>2021</b> , 761, 144216	10.2	85
143	Performance characteristics of qPCR assays targeting human- and ruminant-associated bacteroidetes for microbial source tracking across sixteen countries on six continents. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 8548-56	10.3	84
142	Comparison of concentration methods for quantitative detection of sewage-associated viral markers in environmental waters. <i>Applied and Environmental Microbiology</i> , <b>2015</b> , 81, 2042-9	4.8	82
141	Detection of SARS-CoV-2 RNA in commercial passenger aircraft and cruise ship wastewater: a surveillance tool for assessing the presence of COVID-19 infected travellers. <i>Journal of Travel Medicine</i> , <b>2020</b> , 27,	12.9	81
140	Prevalence and occurrence of zoonotic bacterial pathogens in surface waters determined by quantitative PCR. <i>Water Research</i> , <b>2009</b> , 43, 4918-28	12.5	79
139	Evidence of septic system failure determined by a bacterial biochemical fingerprinting method. <i>Journal of Applied Microbiology</i> , <b>2005</b> , 98, 910-20	4.7	78

138	Current Status of Marker Genes of Bacteroides and Related Taxa for Identifying Sewage Pollution in Environmental Waters. <i>Water (Switzerland)</i> , <b>2016</b> , 8, 231	3	75
137	Surveillance of SARS-CoV-2 RNA in wastewater: Methods optimisation and quality control are crucial for generating reliable public health information. <i>Current Opinion in Environmental Science and Health</i> , <b>2020</b> , 17, 82-82	8.1	66
136	Opportunistic pathogens in roof-captured rainwater samples, determined using quantitative PCR. <i>Water Research</i> , <b>2014</b> , 53, 361-9	12.5	64
135	Fecal indicators and zoonotic pathogens in household drinking water taps fed from rainwater tanks in Southeast Queensland, Australia. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 219-26	4.8	62
134	Evaluation of the novel crAssphage marker for sewage pollution tracking in storm drain outfalls in Tampa, Florida. <i>Water Research</i> , <b>2018</b> , 131, 142-150	12.5	61
133	Precipitation influences pathogenic bacteria and antibiotic resistance gene abundance in storm drain outfalls in coastal sub-tropical waters. <i>Environment International</i> , <b>2018</b> , 116, 308-318	12.9	61
132	Evaluation of Bacteroides markers for the detection of human faecal pollution. <i>Letters in Applied Microbiology</i> , <b>2008</b> , 46, 237-42	2.9	60
131	Quantitative microbial risk assessment of microbial source tracking markers in recreational water contaminated with fresh untreated and secondary treated sewage. <i>Environment International</i> , <b>2018</b> , 117, 243-249	12.9	57
130	Human and bovine adenoviruses for the detection of source-specific fecal pollution in coastal waters in Australia. <i>Water Research</i> , <b>2010</b> , 44, 4662-73	12.5	56
129	Host species-specific metabolic fingerprint database for enterococci and Escherichia coli and its application to identify sources of fecal contamination in surface waters. <i>Applied and Environmental Microbiology</i> , <b>2005</b> , 71, 4461-8	4.8	56
128	Toolbox Approaches Using Molecular Markers and 16S rRNA Gene Amplicon Data Sets for Identification of Fecal Pollution in Surface Water. <i>Applied and Environmental Microbiology</i> , <b>2015</b> , 81, 7067-77	4.8	55
127	Novel crAssphage marker genes ascertain sewage pollution in a recreational lake receiving urban stormwater runoff. <i>Water Research</i> , <b>2018</b> , 145, 769-778	12.5	54
126	Implications of faecal indicator bacteria for the microbiological assessment of roof-harvested rainwater quality in southeast Queensland, Australia. <i>Canadian Journal of Microbiology</i> , <b>2010</b> , 56, 471-9	3.2	54
125	Comparison of molecular markers to detect fresh sewage in environmental waters. <i>Water Research</i> , <b>2009</b> , 43, 4908-17	12.5	54
124	Evaluation of multiple sewage-associated Bacteroides PCR markers for sewage pollution tracking. <i>Water Research</i> , <b>2009</b> , 43, 4872-7	12.5	51
123	Global Distribution of Human-Associated Fecal Genetic Markers in Reference Samples from Six Continents. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 5076-5084	10.3	49
122	Relative inactivation of faecal indicator bacteria and sewage markers in freshwater and seawater microcosms. <i>Letters in Applied Microbiology</i> , <b>2014</b> , 59, 348-54	2.9	49
121	A Review of Analytical Techniques and Their Application in Disease Diagnosis in Breathomics and Salivaomics Research. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 18,	6.3	49

120	Occurrence of virulence genes associated with Diarrheagenic pathotypes in <i>Escherichia coli</i> isolates from surface water. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 328-35	4.8	49
119	Cross-Comparison of Human Wastewater-Associated Molecular Markers in Relation to Fecal Indicator Bacteria and Enteric Viruses in Recreational Beach Waters. <i>Applied and Environmental Microbiology</i> , <b>2017</b> , 83,	4.8	45
118	Prevalence and persistence of <i>Escherichia coli</i> strains with uropathogenic virulence characteristics in sewage treatment plants. <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 5882-6	4.8	44
117	Human health risks for <i>Legionella</i> and <i>Mycobacterium avium</i> complex (MAC) from potable and non-potable uses of roof-harvested rainwater. <i>Water Research</i> , <b>2017</b> , 119, 288-303	12.5	43
116	Application of SourceTracker for Accurate Identification of Fecal Pollution in Recreational Freshwater: A Double-Blinded Study. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 4207-4217	10.3	42
115	A review on microbial contaminants in stormwater runoff and outfalls: Potential health risks and mitigation strategies. <i>Science of the Total Environment</i> , <b>2019</b> , 692, 1304-1321	10.2	42
114	Quantitative PCR assay of sewage-associated <i>Bacteroides</i> markers to assess sewage pollution in an urban lake in Dhaka, Bangladesh. <i>Canadian Journal of Microbiology</i> , <b>2010</b> , 56, 838-45	3.2	42
113	Sourcing faecal pollution: a combination of library-dependent and library-independent methods to identify human faecal pollution in non-sewered catchments. <i>Water Research</i> , <b>2007</b> , 41, 3771-9	12.5	42
112	Evaluation of bovine feces-associated microbial source tracking markers and their correlations with fecal indicators and zoonotic pathogens in a Brisbane, Australia, reservoir. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 2682-91	4.8	41
111	Evaluating sewage-associated JCV and BKV polyomaviruses for sourcing human fecal pollution in a coastal river in Southeast Queensland, Australia. <i>Journal of Environmental Quality</i> , <b>2010</b> , 39, 1743-50	3.4	41
110	Outbreaks of Legionnaires Disease and Pontiac Fever 2006-2017. <i>Current Environmental Health Reports</i> , <b>2018</b> , 5, 263-271	6.5	39
109	Comparative decay of sewage-associated marker genes in beach water and sediment in a subtropical region. <i>Water Research</i> , <b>2019</b> , 149, 511-521	12.5	39
108	Faecal pollution along the southeastern coast of Florida and insight into the use of pepper mild mottle virus as an indicator. <i>Journal of Applied Microbiology</i> , <b>2016</b> , 121, 1469-1481	4.7	36
107	Distributions of Fecal Markers in Wastewater from Different Climatic Zones for Human Fecal Pollution Tracking in Australian Surface Waters. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 1316-1323	4.8	36
106	Synergy between quantitative microbial source tracking (qMST) and quantitative microbial risk assessment (QMRA): A review and prospectus. <i>Environment International</i> , <b>2019</b> , 130, 104703	12.9	36
105	A Community Multi-Omics Approach towards the Assessment of Surface Water Quality in an Urban River System. <i>International Journal of Environmental Research and Public Health</i> , <b>2017</b> , 14,	4.6	36
104	Consistency in the host specificity and host sensitivity of the <i>Bacteroides</i> HF183 marker for sewage pollution tracking. <i>Letters in Applied Microbiology</i> , <b>2012</b> , 55, 283-9	2.9	36
103	Detection and source identification of faecal pollution in non-sewered catchment by means of host-specific molecular markers. <i>Water Science and Technology</i> , <b>2008</b> , 58, 579-86	2.2	36

102	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. <i>Science of the Total Environment</i> , <b>2022</b> , 805, 149877	10.2	36
101	Escherichia coli virulence genes profile of surface waters as an indicator of water quality. <i>Water Research</i> , <b>2011</b> , 45, 6321-33	12.5	34
100	A global review of the microbiological quality and potential health risks associated with roof-harvested rainwater tanks. <i>Npj Clean Water</i> , <b>2019</b> , 2,	11.2	33
99	Occurrence of intestinal and extraintestinal virulence genes in Escherichia coli isolates from rainwater tanks in Southeast Queensland, Australia. <i>Applied and Environmental Microbiology</i> , <b>2011</b> , 77, 7394-400	4.8	33
98	Host Specificity and Sensitivity of Established and Novel Sewage-Associated Marker Genes in Human and Nonhuman Fecal Samples. <i>Applied and Environmental Microbiology</i> , <b>2019</b> , 85,	4.8	32
97	Evaluation of the nifH gene marker of Methanobrevibacter smithii for the detection of sewage pollution in environmental waters in Southeast Queensland, Australia. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 543-50	10.3	32
96	Quantitative PCR measurements of Escherichia coli including shiga toxin-producing E. coli (STEC) in animal feces and environmental waters. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 3084-90	10.3	31
95	An attempt to identify the likely sources of Escherichia coli harboring toxin genes in rainwater tanks. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 5193-7	10.3	30
94	Sewage-associated marker genes illustrate the impact of wet weather overflows and dry weather leakage in urban estuarine waters of Sydney, Australia. <i>Science of the Total Environment</i> , <b>2020</b> , 705, 135390	10.2	30
93	Public health implications of Acanthamoeba and multiple potential opportunistic pathogens in roof-harvested rainwater tanks. <i>Environmental Research</i> , <b>2016</b> , 150, 320-327	7.9	29
92	Amplicon-based taxonomic characterization of bacteria in urban and peri-urban roof-harvested rainwater stored in tanks. <i>Science of the Total Environment</i> , <b>2017</b> , 576, 326-334	10.2	29
91	Intraday variability of indicator and pathogenic viruses in 1-h and 24-h composite wastewater samples: Implications for wastewater-based epidemiology. <i>Environmental Research</i> , <b>2021</b> , 193, 110531	7.9	29
90	Impacts of a changing earth on microbial dynamics and human health risks in the continuum between beach water and sand. <i>Water Research</i> , <b>2019</b> , 162, 456-470	12.5	28
89	Amplicon-based profiling of bacteria in raw and secondary treated wastewater from treatment plants across Australia. <i>Applied Microbiology and Biotechnology</i> , <b>2017</b> , 101, 1253-1266	5.7	26
88	Detection of virulence genes in Escherichia coli of an existing metabolic fingerprint database to predict the sources of pathogenic E. coli in surface waters. <i>Water Research</i> , <b>2007</b> , 41, 3785-91	12.5	26
87	Monitoring of oil pollution at Gemsa Bay and bioremediation capacity of bacterial isolates with biosurfactants and nanoparticles. <i>Marine Pollution Bulletin</i> , <b>2014</b> , 87, 191-200	6.7	25
86	Evaluation of the host-specificity and prevalence of enterococci surface protein (esp) marker in sewage and its application for sourcing human fecal pollution. <i>Journal of Environmental Quality</i> , <b>2008</b> , 37, 1583-8	3.4	25
85	Utility of Helicobacter spp. associated GFD markers for detecting avian fecal pollution in natural waters of two continents. <i>Water Research</i> , <b>2016</b> , 88, 613-622	12.5	24

84	and in Wastewater and Surface Water Environments. <i>Journal of Environmental Quality</i> , <b>2018</b> , 47, 1006-1023	10.3	24
83	Escherichia coli and Enterococcus spp. in rainwater tank samples: comparison of culture-based methods and 23S rRNA gene quantitative PCR assays. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 11370-6	10.3	24
82	Seasonal Assessment of Opportunistic Premise Plumbing Pathogens in Roof-Harvested Rainwater Tanks. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 1742-1753	10.3	23
81	A real-time polymerase chain reaction assay for quantitative detection of the human-specific enterococci surface protein marker in sewage and environmental waters. <i>Environmental Microbiology</i> , <b>2008</b> , 10, 3255-64	5.2	22
80	Show us the Data: Global COVID-19 Wastewater Monitoring Efforts, Equity, and Gaps		22
79	Evaluation of pepper mild mottle virus as an indicator of human faecal pollution in shellfish and growing waters. <i>Water Research</i> , <b>2019</b> , 154, 370-376	12.5	22
78	Sensitive detection of human adenovirus from small volume of primary wastewater samples by quantitative PCR. <i>Journal of Virological Methods</i> , <b>2013</b> , 187, 395-400	2.6	21
77	Predatory bacteria in combination with solar disinfection and solar photocatalysis for the treatment of rainwater. <i>Water Research</i> , <b>2020</b> , 169, 115281	12.5	21
76	Rapid concentration and sensitive detection of hookworm ova from wastewater matrices using a real-time PCR method. <i>Experimental Parasitology</i> , <b>2015</b> , 159, 5-12	2.1	20
75	Variability in RT-qPCR assay parameters indicates unreliable SARS-CoV-2 RNA quantification for wastewater surveillance. <i>Water Research</i> , <b>2021</b> , 203, 117516	12.5	20
74	Enhanced insights from human and animal host-associated molecular marker genes in a freshwater lake receiving wet weather overflows. <i>Scientific Reports</i> , <b>2019</b> , 9, 12503	4.9	19
73	Quantitative detection of viable helminth ova from raw wastewater, human feces, and environmental soil samples using novel PMA-qPCR methods. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 18639-48	5.1	19
72	A multi-omics based ecological analysis of coastal marine sediments from Gladstone, in Australia's Central Queensland, and Heron Island, a nearby fringing platform reef. <i>Science of the Total Environment</i> , <b>2017</b> , 609, 842-853	10.2	19
71	Beyond Metabolomics: A Review of Multi-Omics-Based Approaches <b>2016</b> , 289-312		19
70	Comparison of concentration methods for rapid detection of hookworm ova in wastewater matrices using quantitative PCR. <i>Experimental Parasitology</i> , <b>2015</b> , 159, 160-7	2.1	18
69	Seasonal metabolic analysis of marine sediments collected from Moreton Bay in South East Queensland, Australia, using a multi-omics-based approach. <i>Science of the Total Environment</i> , <b>2018</b> , 631-632, 1328-1341	10.2	18
68	Speciation and frequency of virulence genes of Enterococcus spp. isolated from rainwater tank samples in Southeast Queensland, Australia. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 6843-50	10.3	18
67	Assessment of Genetic Markers for Tracking the Sources of Human Wastewater Associated Escherichia coli in Environmental Waters. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 9341-6	10.3	17

66	Evidence of Avian and Possum Fecal Contamination in Rainwater Tanks as Determined by Microbial Source Tracking Approaches. <i>Applied and Environmental Microbiology</i> , <b>2016</b> , 82, 4379-4386	4.8	17
65	Data-driven estimation of COVID-19 community prevalence through wastewater-based epidemiology. <i>Science of the Total Environment</i> , <b>2021</b> , 789, 147947	10.2	17
64	A duplex PCR assay for the simultaneous quantification of Bacteroides HF183 and crAssphage CPQ_056 marker genes in untreated sewage and stormwater. <i>Environment International</i> , <b>2019</b> , 126, 252-259	12.8	16
63	Recycled water safety: Current status of traditional and emerging viral indicators. <i>Current Opinion in Environmental Science and Health</i> , <b>2020</b> , 16, 62-72	8.1	16
62	Prevalence of enterococcus species and their virulence genes in fresh water prior to and after storm events. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 2979-88	10.3	16
61	Fecal indicators and bacterial pathogens in bottled water from Dhaka, Bangladesh. <i>Brazilian Journal of Microbiology</i> , <b>2013</b> , 44, 97-103	2.2	16
60	Inactivation of faecal indicator bacteria in a roof-captured rainwater system under ambient meteorological conditions. <i>Journal of Applied Microbiology</i> , <b>2014</b> , 116, 199-207	4.7	15
59	Comparison of the efficacy of an existing versus a locally developed metabolic fingerprint database to identify non-point sources of faecal contamination in a coastal lake. <i>Water Research</i> , <b>2006</b> , 40, 2339-48	12.5	15
58	Development of a large volume concentration method for recovery of coronavirus from wastewater. <i>Science of the Total Environment</i> , <b>2021</b> , 774, 145727	10.2	15
57	Population similarity analysis of indicator bacteria for source prediction of faecal pollution in a coastal lake. <i>Marine Pollution Bulletin</i> , <b>2008</b> , 56, 1469-75	6.7	14
56	Within- and between-Day Variability of SARS-CoV-2 RNA in Municipal Wastewater during Periods of Varying COVID-19 Prevalence and Positivity. <i>ACS ES&amp;T Water</i> , <b>2021</b> , 1, 2097-2108		14
55	Optimization of sampling strategy to determine pathogen removal efficacy of activated sludge treatment plant. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 19001-19010	5.1	13
54	Differentiating between the possibility and probability of SARS-CoV-2 transmission associated with wastewater: empirical evidence is needed to substantiate risk. <i>FEMS Microbes</i> , <b>2021</b> , 2,	0.8	13
53	Bioremediation of crude oil by Bacillus licheniformis in the presence of different concentration nanoparticles and produced biosurfactant. <i>International Journal of Environmental Science and Technology</i> , <b>2017</b> , 14, 1603-1614	3.3	12
52	Rainwater harvesting in American Samoa: current practices and indicative health risks. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 12384-12392	5.1	12
51	Population similarity of enterococci and Escherichia coli in surface waters: A predictive tool to trace the sources of fecal contamination. <i>Journal of Water and Health</i> , <b>2006</b> , 4, 347-56	2.2	12
50	Ecological and Technical Mechanisms for Cross-Reaction of Human Fecal Indicators with Animal Hosts. <i>Applied and Environmental Microbiology</i> , <b>2020</b> , 86,	4.8	11
49	Use of Escherichia coli genes associated with human sewage to track fecal contamination source in subtropical waters. <i>Science of the Total Environment</i> , <b>2019</b> , 686, 1069-1075	10.2	10

48	Antimicrobial-resistant microorganisms and their genetic determinants in stormwater: A systematic review. <i>Current Opinion in Environmental Science and Health</i> , <b>2020</b> , 16, 101-112	8.1	10
47	Determination of <i>Ancylostoma caninum</i> ova viability using metabolic profiling. <i>Parasitology Research</i> , <b>2016</b> , 115, 3485-92	2.4	10
46	Faecal sterols analysis for the identification of human faecal pollution in a non-sewered catchment. <i>Water Science and Technology</i> , <b>2010</b> , 61, 1355-61	2.2	10
45	Phenotypic variations of enterococci in surface waters: analysis of biochemical fingerprinting data from multi-catchments. <i>Journal of Applied Microbiology</i> , <b>2008</b> , 105, 452-8	4.7	10
44	Marker genes of fecal indicator bacteria and potential pathogens in animal feces in subtropical catchments. <i>Science of the Total Environment</i> , <b>2019</b> , 656, 1427-1435	10.2	10
43	Decay of sewage-associated bacterial communities in fresh and marine environmental waters and sediment. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 7159-7170	5.7	9
42	Compositional and temporal stability of fecal taxon libraries for use with SourceTracker in sub-tropical catchments. <i>Water Research</i> , <b>2019</b> , 165, 114967	12.5	8
41	Comparison of RT-qPCR and RT-dPCR Platforms for the Trace Detection of SARS-CoV-2 RNA in Wastewater. <i>ACS ES&amp;T Water</i> ,		8
40	Occurrence of SARS-CoV-2 RNA in Six Municipal Wastewater Treatment Plants at the Early Stage of COVID-19 Pandemic in The United States. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	8
39	Comparison of culture-based, vital stain and PMA-qPCR methods for the quantitative detection of viable hookworm ova. <i>Water Science and Technology</i> , <b>2017</b> , 75, 2615-2621	2.2	7
38	Comparing microbial risks from multiple sustainable waste streams applied for agricultural use: Biosolids, manure, and diverted urine. <i>Current Opinion in Environmental Science and Health</i> , <b>2020</b> , 14, 37-50	8.1	7
37	Microfluidic quantification of multiple enteric and opportunistic bacterial pathogens in roof-harvested rainwater tank samples. <i>Environmental Monitoring and Assessment</i> , <b>2018</b> , 190, 105	3.1	7
36	Abundance of <i>Naegleria fowleri</i> in roof-harvested rainwater tank samples from two continents. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 5700-5710	5.1	7
35	Biotin- and Glycoprotein-Coated Microspheres as Surrogates for Studying Filtration Removal of <i>Cryptosporidium parvum</i> in a Granular Limestone Aquifer Medium. <i>Applied and Environmental Microbiology</i> , <b>2015</b> , 81, 4277-83	4.8	7
34	Evaluation of process limit of detection and quantification variation of SARS-CoV-2 RT-qPCR and RT-dPCR assays for wastewater surveillance.. <i>Water Research</i> , <b>2022</b> , 213, 118132	12.5	7
33	Comparative analysis of rapid concentration methods for the recovery of SARS-CoV-2 and quantification of human enteric viruses and a sewage-associated marker gene in untreated wastewater. <i>Science of the Total Environment</i> , <b>2021</b> , 799, 149386	10.2	7
32	Quantification of hookworm ova from wastewater matrices using quantitative PCR. <i>Journal of Environmental Sciences</i> , <b>2017</b> , 57, 231-237	6.4	6
31	Detection of the Omicron (B.1.1.529) variant of SARS-CoV-2 in aircraft wastewater.. <i>Science of the Total Environment</i> , <b>2022</b> , 820, 153171	10.2	6



30	Within-Day Variability of SARS-CoV-2 RNA in Municipal Wastewater Influent During Periods of Varying COVID-19 Prevalence and Positivity		6
29	Comparative decay of culturable faecal indicator bacteria, microbial source tracking marker genes, and enteric pathogens in laboratory microcosms that mimic a sub-tropical environment. <i>Science of the Total Environment</i> , <b>2021</b> , 751, 141475	10.2	6
28	Performance of viral and bacterial genetic markers for sewage pollution tracking in tropical Thailand. <i>Water Research</i> , <b>2021</b> , 190, 116706	12.5	6
27	Interlaboratory accuracy and precision among results of three sewage-associated marker genes in urban environmental estuarine waters and freshwater streams. <i>Science of the Total Environment</i> , <b>2020</b> , 741, 140071	10.2	5
26	Environmental and Adaptive Changes Necessitate a Paradigm Shift for Indicators of Fecal Contamination. <i>Microbiology Spectrum</i> , <b>2020</b> , 8,	8.9	5
25	Assessment of Water Quality in Roof-Harvested Rainwater Barrels in Greater Philadelphia. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 92	3	5
24	Evaluation of multiple analytical methods for SARS-CoV-2 surveillance in wastewater samples. <i>Science of the Total Environment</i> , <b>2021</b> , 808, 152033	10.2	5
23	Wastewater surveillance demonstrates high predictive value for COVID-19 infection on board repatriation flights to Australia. <i>Environment International</i> , <b>2021</b> , 158, 106938	12.9	5
22	An approach to reduce false viability assessment of hookworm eggs with vital stains. <i>Food and Waterborne Parasitology</i> , <b>2016</b> , 3, 9-12	6	5
21	Comment on "Environmental occurrence of the enterococcal surface protein (esp) gene is an unreliable indicator of human fecal contamination". <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 6434-5; author reply 6436-7	10.3	4
20	General and host-associated bacterial indicators of faecal pollution		4
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15	Evaluation of Glass Wool Filters and Hollow-Fiber Ultrafiltration Concentration Methods for qPCR Detection of Human Adenoviruses and Polyomaviruses in River Water. <i>Water, Air, and Soil Pollution</i> , <b>2016</b> , 227, 327	2.6	4
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13	Identification of reliable marker genes for the detection of canine fecal contamination in sub-tropical Australia. <i>Science of the Total Environment</i> , <b>2020</b> , 718, 137246	10.2	3

12	Protozoan pathogens Blastocystis and Giardia spp. in roof-harvested rainwater: the need to investigate the role of the common brushtail possum ( <i>Trichosurus vulpecula</i> ) and other potential sources of zoonotic transmission. <i>Journal of Water Sanitation and Hygiene for Development</i> , <b>2019</b> , 9, 780-785	1.5	3
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10	Source Tracking in Australia and New Zealand: Case Studies <b>2011</b> , 485-513		2
9	Passive sampling to scale wastewater surveillance of infectious disease: Lessons learned from COVID-19.. <i>Science of the Total Environment</i> , <b>2022</b> , 155347	10.2	2
8	Monitoring of SARS-CoV-2 in sewersheds with low COVID-19 cases using a passive sampling technique.. <i>Water Research</i> , <b>2022</b> , 218, 118481	12.5	2
7	In Situ Calibration of Passive Samplers for Viruses in Wastewater. <i>ACS ES&amp;T Water</i> ,		1
6	Superior performance of human wastewater-associated viral markers compared to bacterial markers in tropical environments		1
5	Seasonal Abundance of Fecal Indicators and Opportunistic Pathogens in Roof-Harvested Rainwater Tanks. <i>Open Health Data</i> , <b>2018</b> , 5,	4.5	1
4	Wastewater monitoring for SARS-CoV-2. <i>Microbiology Australia</i> , <b>2021</b> , 42, 18	0.8	1
3	Application of digital PCR for public health-related water quality monitoring.. <i>Science of the Total Environment</i> , <b>2022</b> , 155663	10.2	1
2	RT-qPCR and ATOPlex sequencing for the sensitive detection of SARS-CoV-2 RNA for wastewater surveillance. <i>Water Research</i> , <b>2022</b> , 118621	12.5	1
1	Developing a novel Bifidobacterium phage quantitative polymerase chain reaction-based assay for tracking untreated wastewater.. <i>Science of the Total Environment</i> , <b>2022</b> , 155815	10.2	