

# Warish Ahmed

## List of Publications by Year in descending order

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Version: 2024-02-01

158  
papers

10,262  
citations

41344

49  
h-index

43889

91  
g-index

163  
all docs

163  
docs citations

163  
times ranked

7370  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2020, 728, 138764.	8.0	1,393
2	SARS-CoV-2 in wastewater: State of the knowledge and research needs. <i>Science of the Total Environment</i> , 2020, 739, 139076.	8.0	599
3	First detection of SARS-CoV-2 RNA in wastewater in North America: A study in Louisiana, USA. <i>Science of the Total Environment</i> , 2020, 743, 140621.	8.0	416
4	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> , 2020, 739, 139960.	8.0	405
5	Wastewater-Based Epidemiology: Global Collaborative to Maximize Contributions in the Fight Against COVID-19. <i>Environmental Science &amp; Technology</i> , 2020, 54, 7754-7757.	10.0	337
6	Persistence of SARS-CoV-2 in Water and Wastewater. <i>Environmental Science and Technology Letters</i> , 2020, 7, 937-942.	8.7	318
7	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> , 2020, 191, 110092.	7.5	285
8	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> , 2021, 761, 144216.	8.0	218
9	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. <i>Science of the Total Environment</i> , 2022, 805, 149877.	8.0	153
10	Real-Time PCR Detection of Pathogenic Microorganisms in Roof-Harvested Rainwater in Southeast Queensland, Australia. <i>Applied and Environmental Microbiology</i> , 2008, 74, 5490-5496.	3.1	152
11	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> , 2013, 463-464, 488-496.	8.0	152
12	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> , 2020, 27, .	3.0	146
13	Microbiological Quality of Roof-Harvested Rainwater and Health Risks: A Review. <i>Journal of Environmental Quality</i> , 2011, 40, 13-21.	2.0	139
14	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> , 2010, 76, 7382-7391.	3.1	132
15	Surveillance of SARS-CoV-2 RNA in wastewater: Methods optimization and quality control are crucial for generating reliable public health information. <i>Current Opinion in Environmental Science and Health</i> , 2020, 17, 82-93.	4.1	126
16	Prevalence of human pathogens and indicators in stormwater runoff in Brisbane, Australia. <i>Water Research</i> , 2012, 46, 6652-6660.	11.3	125
17	Prevalence and occurrence of zoonotic bacterial pathogens in surface waters determined by quantitative PCR. <i>Water Research</i> , 2009, 43, 4918-4928.	11.3	111
18	Performance Characteristics of qPCR Assays Targeting Human- and Ruminant-Associated <i>Bacteroidetes</i> for Microbial Source Tracking across Sixteen Countries on Six Continents. <i>Environmental Science &amp; Technology</i> , 2013, 47, 8548-8556.	10.0	111

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19	Comparison of Concentration Methods for Quantitative Detection of Sewage-Associated Viral Markers in Environmental Waters. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2042-2049.	3.1	111
20	Current Status of Marker Genes of Bacteroides and Related Taxa for Identifying Sewage Pollution in Environmental Waters. <i>Water (Switzerland)</i> , 2016, 8, 231.	2.7	106
21	Evidence of septic system failure determined by a bacterial biochemical fingerprinting method. <i>Journal of Applied Microbiology</i> , 2005, 98, 910-920.	3.1	96
22	Precipitation influences pathogenic bacteria and antibiotic resistance gene abundance in storm drain outfalls in coastal sub-tropical waters. <i>Environment International</i> , 2018, 116, 308-318.	10.0	92
23	Evaluation of the novel crAssphage marker for sewage pollution tracking in storm drain outfalls in Tampa, Florida. <i>Water Research</i> , 2018, 131, 142-150.	11.3	87
24	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.	8.0	85
25	Novel crAssphage marker genes ascertain sewage pollution in a recreational lake receiving urban stormwater runoff. <i>Water Research</i> , 2018, 145, 769-778.	11.3	81
26	Opportunistic pathogens in roof-captured rainwater samples, determined using quantitative PCR. <i>Water Research</i> , 2014, 53, 361-369.	11.3	77
27	A Review of Analytical Techniques and Their Application in Disease Diagnosis in Breathomics and Salivaomics Research. <i>International Journal of Molecular Sciences</i> , 2017, 18, 24.	4.1	75
28	Global Distribution of Human-Associated Fecal Genetic Markers in Reference Samples from Six Continents. <i>Environmental Science &amp; Technology</i> , 2018, 52, 5076-5084.	10.0	73
29	Evaluation of Bacteroides markers for the detection of human faecal pollution. <i>Letters in Applied Microbiology</i> , 2007, 46, 237-242.	2.2	72
30	Fecal Indicators and Zoonotic Pathogens in Household Drinking Water Taps Fed from Rainwater Tanks in Southeast Queensland, Australia. <i>Applied and Environmental Microbiology</i> , 2012, 78, 219-226.	3.1	72
31	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> , 2021, 193, 110531.	7.5	72
32	Comparison of molecular markers to detect fresh sewage in environmental waters. <i>Water Research</i> , 2009, 43, 4908-4917.	11.3	70
33	Implications of faecal indicator bacteria for the microbiological assessment of roof-harvested rainwater quality in southeast Queensland, Australia. <i>Canadian Journal of Microbiology</i> , 2010, 56, 471-479.	1.7	68
34	Occurrence of Virulence Genes Associated with Diarrheagenic Pathotypes in Escherichia coli Isolates from Surface Water. <i>Applied and Environmental Microbiology</i> , 2013, 79, 328-335.	3.1	68
35	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> , 2015, 81, 7067-7077.	3.1	68
36	Variability in RT-qPCR assay parameters indicates unreliable SARS-CoV-2 RNA quantification for wastewater surveillance. <i>Water Research</i> , 2021, 203, 117516.	11.3	68

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37	Quantitative microbial risk assessment of microbial source tracking markers in recreational water contaminated with fresh untreated and secondary treated sewage. <i>Environment International</i> , 2018, 117, 243-249.	10.0	67
38	A global review of the microbiological quality and potential health risks associated with roof-harvested rainwater tanks. <i>Npj Clean Water</i> , 2019, 2, .	8.0	67
39	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> , 2005, 71, 4461-4468.	3.1	63
40	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> , 2017, 83, .	3.1	63
41	Prevalence and Persistence of <i>Escherichia coli</i> Strains with Uropathogenic Virulence Characteristics in Sewage Treatment Plants. <i>Applied and Environmental Microbiology</i> , 2010, 76, 5882-5886.	3.1	62
42	Human and bovine adenoviruses for the detection of source-specific fecal pollution in coastal waters in Australia. <i>Water Research</i> , 2010, 44, 4662-4673.	11.3	62
43	Evaluation of multiple sewage-associated <i>Bacteroides</i> PCR markers for sewage pollution tracking. <i>Water Research</i> , 2009, 43, 4872-4877.	11.3	59
44	Application of SourceTracker for Accurate Identification of Fecal Pollution in Recreational Freshwater: A Double-Blinded Study. <i>Environmental Science &amp; Technology</i> , 2018, 52, 4207-4217.	10.0	59
45	Outbreaks of Legionnaires' Disease and Pontiac Fever 2006-2017. <i>Current Environmental Health Reports</i> , 2018, 5, 263-271.	6.7	59
46	Synergy between quantitative microbial source tracking (qMST) and quantitative microbial risk assessment (QMRA): A review and prospectus. <i>Environment International</i> , 2019, 130, 104703.	10.0	58
47	Comparative decay of sewage-associated marker genes in beach water and sediment in a subtropical region. <i>Water Research</i> , 2019, 149, 511-521.	11.3	56
48	Detection of the Omicron (B.1.1.529) variant of SARS-CoV-2 in aircraft wastewater. <i>Science of the Total Environment</i> , 2022, 820, 153171.	8.0	55
49	Relative inactivation of faecal indicator bacteria and sewage markers in freshwater and seawater microcosms. <i>Letters in Applied Microbiology</i> , 2014, 59, 348-354.	2.2	54
50	Data-driven estimation of COVID-19 community prevalence through wastewater-based epidemiology. <i>Science of the Total Environment</i> , 2021, 789, 147947.	8.0	54
51	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> , 2016, 121, 1469-1481.	3.1	53
52	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> , 2017, 14, 303.	2.6	53
53	Impacts of a changing earth on microbial dynamics and human health risks in the continuum between beach water and sand. <i>Water Research</i> , 2019, 162, 456-470.	11.3	53
54	Host Specificity and Sensitivity of Established and Novel Sewage-Associated Marker Genes in Human and Nonhuman Fecal Samples. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	53

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55	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> , 2017, 119, 288-303.	11.3	51
56	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> , 2022, 2, 1871-1880.	4.6	51
57	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> , 2010, 39, 1743-1750.	2.0	47
58	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> , 2010, 56, 838-845.	1.7	47
59	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> , 2013, 79, 2682-2691.	3.1	46
60	Amplicon-based taxonomic characterization of bacteria in urban and peri-urban roof-harvested rainwater stored in tanks. <i>Science of the Total Environment</i> , 2017, 576, 326-334.	8.0	46
61	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> , 2020, 705, 135390.	8.0	46
62	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> , 2022, 213, 118132.	11.3	46
63	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> , 2016, 82, 1316-1323.	3.1	45
64	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> , 2021, 1, 2097-2108.	4.6	45
65	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> , 2007, 41, 3771-3779.	11.3	44
66	<i>Escherichia coli</i> virulence genes profile of surface waters as an indicator of water quality. <i>Water Research</i> , 2011, 45, 6321-6333.	11.3	44
67	Wastewater surveillance demonstrates high predictive value for COVID-19 infection on board repatriation flights to Australia. <i>Environment International</i> , 2022, 158, 106938.	10.0	43
68	Detection and source identification of faecal pollution in non-sewered catchment by means of host-specific molecular markers. <i>Water Science and Technology</i> , 2008, 58, 579-586.	2.5	42
69	Quantitative PCR measurements of <i>Escherichia coli</i> including Shiga Toxin-Producing <i>E. coli</i> (STEC) in Animal Feces and Environmental Waters. <i>Environmental Science &amp; Technology</i> , 2015, 49, 3084-3090.	10.0	42
70	Public health implications of <i>Acanthamoeba</i> and multiple potential opportunistic pathogens in roof-harvested rainwater tanks. <i>Environmental Research</i> , 2016, 150, 320-327.	7.5	41
71	Evaluation of multiple analytical methods for SARS-CoV-2 surveillance in wastewater samples. <i>Science of the Total Environment</i> , 2022, 808, 152033.	8.0	41
72	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> , 2012, 55, 283-289.	2.2	40

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73	Occurrence of Intestinal and Extraintestinal Virulence Genes in <i>Escherichia coli</i> Isolates from Rainwater Tanks in Southeast Queensland, Australia. <i>Applied and Environmental Microbiology</i> , 2011, 77, 7394-7400.	3.1	39
74	Evaluation of pepper mild mottle virus as an indicator of human faecal pollution in shellfish and growing waters. <i>Water Research</i> , 2019, 154, 370-376.	11.3	37
75	Development of a large volume concentration method for recovery of coronavirus from wastewater. <i>Science of the Total Environment</i> , 2021, 774, 145727.	8.0	37
76	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> , 2021, 799, 149386.	8.0	37
77	<i>Cryptosporidium</i> and <i>Giardia</i> in Wastewater and Surface Water Environments. <i>Journal of Environmental Quality</i> , 2018, 47, 1006-1023.	2.0	36
78	Predatory bacteria in combination with solar disinfection and solar photocatalysis for the treatment of rainwater. <i>Water Research</i> , 2020, 169, 115281.	11.3	36
79	Application of digital PCR for public health-related water quality monitoring. <i>Science of the Total Environment</i> , 2022, 837, 155663.	8.0	36
80	Evaluation of the <i>nifH</i> Gene Marker of <i>Methanobrevibacter smithii</i> for the Detection of Sewage Pollution in Environmental Waters in Southeast Queensland, Australia. <i>Environmental Science &amp; Technology</i> , 2012, 46, 543-550.	10.0	34
81	Beyond Metabolomics: A Review of Multi-Omics-Based Approaches. , 2016, , 289-312.		34
82	Amplicon-based profiling of bacteria in raw and secondary treated wastewater from treatment plants across Australia. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 1253-1266.	3.6	34
83	Monitoring of oil pollution at Gemsa Bay and bioremediation capacity of bacterial isolates with biosurfactants and nanoparticles. <i>Marine Pollution Bulletin</i> , 2014, 87, 191-200.	5.0	33
84	Detection of virulence genes in <i>Escherichia coli</i> of an existing metabolic fingerprint database to predict the sources of pathogenic <i>E. coli</i> in surface waters. <i>Water Research</i> , 2007, 41, 3785-3791.	11.3	32
85	An Attempt to Identify the Likely Sources of <i>Escherichia coli</i> Harboring Toxin Genes in Rainwater Tanks. <i>Environmental Science &amp; Technology</i> , 2012, 46, 5193-5197.	10.0	32
86	A duplex PCR assay for the simultaneous quantification of <i>Bacteroides</i> HF183 and crAssphage CPQ_056 marker genes in untreated sewage and stormwater. <i>Environment International</i> , 2019, 126, 252-259.	10.0	32
87	Seasonal Assessment of Opportunistic Premise Plumbing Pathogens in Roof-Harvested Rainwater Tanks. <i>Environmental Science &amp; Technology</i> , 2017, 51, 1742-1753.	10.0	31
88	Passive sampling to scale wastewater surveillance of infectious disease: Lessons learned from COVID-19. <i>Science of the Total Environment</i> , 2022, 835, 155347.	8.0	31
89	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> , 2008, 10, 3255-3264.	3.8	30
90	Utility of <i>Helicobacter</i> spp. associated GFD markers for detecting avian fecal pollution in natural waters of two continents. <i>Water Research</i> , 2016, 88, 613-622.	11.3	30

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91	Escherichia coli and Enterococcus spp. in Rainwater Tank Samples: Comparison of Culture-Based Methods and 23S rRNA Gene Quantitative PCR Assays. Environmental Science & Technology, 2012, 46, 11370-11376.	10.0	29
92	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. Science of the Total Environment, 2017, 609, 842-853.	8.0	29
93	Recycled water safety: Current status of traditional and emerging viral indicators. Current Opinion in Environmental Science and Health, 2020, 16, 62-72.	4.1	27
94	Evaluation of the Host-Specificity and Prevalence of Enterococci Surface Protein (esp) Marker in Sewage and its Application for Sourcing Human Fecal Pollution. Journal of Environmental Quality, 2008, 37, 1583-1588.	2.0	26
95	Monitoring of SARS-CoV-2 in sewersheds with low COVID-19 cases using a passive sampling technique. Water Research, 2022, 218, 118481.	11.3	26
96	Assessment of Genetic Markers for Tracking the Sources of Human Wastewater Associated Escherichia coli in Environmental Waters. Environmental Science & Technology, 2015, 49, 9341-9346.	10.0	25
97	Enhanced insights from human and animal host-associated molecular marker genes in a freshwater lake receiving wet weather overflows. Scientific Reports, 2019, 9, 12503.	3.3	25
98	Rapid concentration and sensitive detection of hookworm ova from wastewater matrices using a real-time PCR method. Experimental Parasitology, 2015, 159, 5-12.	1.2	24
99	Quantitative detection of viable helminth ova from raw wastewater, human feces, and environmental soil samples using novel PMA-qPCR methods. Environmental Science and Pollution Research, 2016, 23, 18639-18648.	5.3	24
100	Occurrence of SARS-CoV-2 RNA in Six Municipal Wastewater Treatment Plants at the Early Stage of COVID-19 Pandemic in The United States. Pathogens, 2021, 10, 798.	2.8	24
101	Differentiating between the possibility and probability of SARS-CoV-2 transmission associated with wastewater: empirical evidence is needed to substantiate risk. FEMS Microbes, 2021, 2, .	2.1	24
102	Sensitive detection of human adenovirus from small volume of primary wastewater samples by quantitative PCR. Journal of Virological Methods, 2013, 187, 395-400.	2.1	22
103	Prevalence of Enterococcus Species and Their Virulence Genes in Fresh Water Prior to and after Storm Events. Environmental Science & Technology, 2014, 48, 2979-2988.	10.0	22
104	Comparison of concentration methods for rapid detection of hookworm ova in wastewater matrices using quantitative PCR. Experimental Parasitology, 2015, 159, 160-167.	1.2	22
105	Evidence of Avian and Possum Fecal Contamination in Rainwater Tanks as Determined by Microbial Source Tracking Approaches. Applied and Environmental Microbiology, 2016, 82, 4379-4386.	3.1	22
106	Bioremediation of crude oil by Bacillus licheniformis in the presence of different concentration nanoparticles and produced biosurfactant. International Journal of Environmental Science and Technology, 2017, 14, 1603-1614.	3.5	22
107	Speciation and Frequency of Virulence Genes of Enterococcus spp. Isolated from Rainwater Tank Samples in Southeast Queensland, Australia. Environmental Science & Technology, 2012, 46, 6843-6850.	10.0	21
108	Use of Escherichia coli genes associated with human sewage to track fecal contamination source in subtropical waters. Science of the Total Environment, 2019, 686, 1069-1075.	8.0	21



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109	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> , 2021, 751, 141475.	8.0	21
110	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> , 2018, 631-632, 1328-1341.	8.0	20
111	Fecal indicators and bacterial pathogens in bottled water from Dhaka, Bangladesh. <i>Brazilian Journal of Microbiology</i> , 2013, 44, 97-103.	2.0	19
112	Optimization of sampling strategy to determine pathogen removal efficacy of activated sludge treatment plant. <i>Environmental Science and Pollution Research</i> , 2017, 24, 19001-19010.	5.3	19
113	Rainwater harvesting in American Samoa: current practices and indicative health risks. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12384-12392.	5.3	18
114	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.	4.1	18
115	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> , 2006, 40, 2339-2348.	11.3	17
116	Population similarity analysis of indicator bacteria for source prediction of faecal pollution in a coastal lake. <i>Marine Pollution Bulletin</i> , 2008, 56, 1469-1475.	5.0	17
117	Marker genes of fecal indicator bacteria and potential pathogens in animal feces in subtropical catchments. <i>Science of the Total Environment</i> , 2019, 656, 1427-1435.	8.0	16
118	Inactivation of faecal indicator bacteria in a roof-captured rainwater system under ambient meteorological conditions. <i>Journal of Applied Microbiology</i> , 2014, 116, 199-207.	3.1	15
119	Performance of viral and bacterial genetic markers for sewage pollution tracking in tropical Thailand. <i>Water Research</i> , 2021, 190, 116706.	11.3	15
120	Population similarity of enterococci and <i>Escherichia coli</i> in surface waters: A predictive tool to trace the sources of fecal contamination. <i>Journal of Water and Health</i> , 2006, 4, 347-356.	2.6	14
121	Abundance of <i>Naegleria fowleri</i> in roof-harvested rainwater tank samples from two continents. <i>Environmental Science and Pollution Research</i> , 2018, 25, 5700-5710.	5.3	14
122	Decay of sewage-associated bacterial communities in fresh and marine environmental waters and sediment. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7159-7170.	3.6	14
123	Ecological and Technical Mechanisms for Cross-Reaction of Human Fecal Indicators with Animal Hosts. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	14
124	<i>In Situ</i> Calibration of Passive Samplers for Viruses in Wastewater. <i>ACS ES&amp;T Water</i> , 2022, 2, 1881-1890.	4.6	14
125	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> , 2015, 81, 4277-4283.	3.1	13
126	Determination of <i>Ancylostoma caninum</i> ova viability using metabolic profiling. <i>Parasitology Research</i> , 2016, 115, 3485-3492.	1.6	13



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127	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> , 2020, 14, 37-50.	4.1	13
128	Compositional and temporal stability of fecal taxon libraries for use with SourceTracker in sub-tropical catchments. <i>Water Research</i> , 2019, 165, 114967.	11.3	12
129	Environmental and Adaptive Changes Necessitate a Paradigm Shift for Indicators of Fecal Contamination. <i>Microbiology Spectrum</i> , 2020, 8, .	3.0	12
130	Antibiotic Resistance and Sewage-Associated Marker Genes in Untreated Sewage and a River Characterized During Baseflow and Stormflow. <i>Frontiers in Microbiology</i> , 2021, 12, 632850.	3.5	12
131	RT-qPCR and ATOplex sequencing for the sensitive detection of SARS-CoV-2 RNA for wastewater surveillance. <i>Water Research</i> , 2022, 220, 118621.	11.3	12
132	Faecal sterols analysis for the identification of human faecal pollution in a non-sewered catchment. <i>Water Science and Technology</i> , 2010, 61, 1355-1361.	2.5	11
133	Microfluidic quantification of multiple enteric and opportunistic bacterial pathogens in roof-harvested rainwater tank samples. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 105.	2.7	11
134	Microbial Source Tracking as a Method of Determination of Beach Sand Contamination. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7934.	2.6	11
135	Phenotypic variations of enterococci in surface waters: analysis of biochemical fingerprinting data from multi-catchments. <i>Journal of Applied Microbiology</i> , 2008, 105, 452-458.	3.1	10
136	Assessment of Water Quality in Roof-Harvested Rainwater Barrels in Greater Philadelphia. <i>Water (Switzerland)</i> , 2018, 10, 92.	2.7	10
137	Prevalence and abundance of traditional and host-associated fecal indicators in urban estuarine sediments: Potential implications for estuarine water quality monitoring. <i>Water Research</i> , 2020, 184, 116109.	11.3	10
138	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> , 2020, 741, 140071.	8.0	9
139	Microbial risk from source-separated urine used as liquid fertilizer in sub-tropical Australia. <i>Microbial Risk Analysis</i> , 2017, 5, 53-64.	2.3	8
140	Comparison of culture-based, vital stain and PMA-qPCR methods for the quantitative detection of viable hookworm ova. <i>Water Science and Technology</i> , 2017, 75, 2615-2621.	2.5	8
141	Protozoan pathogens <i>Blastocystis</i> and <i>Giardia</i> 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> , 2019, 9, 780-785.	1.8	8
142	Expression of attack and growth phase genes of <i>Bdellovibrio bacteriovorus</i> in the presence of Gram-negative and Gram-positive prey. <i>Microbiological Research</i> , 2020, 235, 126437.	5.3	7
143	An approach to reduce false viability assessment of hookworm eggs with vital stains. <i>Food and Waterborne Parasitology</i> , 2016, 3, 9-12.	2.7	6
144	Quantification of hookworm ova from wastewater matrices using quantitative PCR. <i>Journal of Environmental Sciences</i> , 2017, 57, 231-237.	6.1	6

#	ARTICLE	IF	CITATIONS
145	Identification of reliable marker genes for the detection of canine fecal contamination in sub-tropical Australia. <i>Science of the Total Environment</i> , 2020, 718, 137246.	8.0	6
146	Virological Characterization of Roof-Harvested Rainwater of Densely Urbanized Low-Income Region. <i>Food and Environmental Virology</i> , 2021, 13, 412-420.	3.4	6
147	General and host-associated bacterial indicators of faecal pollution. , 0, , .		6
148	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> , 2016, 227, 327.	2.4	5
149	Wastewater monitoring for SARS-CoV-2. <i>Microbiology Australia</i> , 2021, 42, 18.	0.4	5
150	Comment on "Environmental Occurrence of the Enterococcal Surface Protein ( <i>espA</i> ) Gene is an Unreliable Indicator of Human Fecal Contamination". <i>Environmental Science &amp; Technology</i> , 2009, 43, 6434-6435.	10.0	4
151	Source Tracking in Australia and New Zealand: Case Studies. , 2011, , 485-513.		3
152	Seasonal Abundance of Fecal Indicators and Opportunistic Pathogens in Roof-Harvested Rainwater Tanks. <i>Open Health Data</i> , 2018, 5, .	3.7	3
153	Microbial Source Tracking: Field Study Planning and Implementation. , 2015, , 3.4.5-1-3.4.5-11.		2
154	Discussion on "Potential discharge, attenuation and exposure risk of SARS-CoV-2 in natural water bodies receiving treated wastewater". <i>Npj Clean Water</i> , 2021, 4, .	8.0	2
155	A consensus: microbial source tracking (MST) in water. <i>Microbiology Australia</i> , 2009, 30, 30.	0.4	1
156	Quantitative detection of pathogens in roof-harvested rainwater. <i>Microbiology Australia</i> , 2009, 30, 35.	0.4	1
157	Editorial: Occupational safety and health: Emerging microbial contaminants and human health effects. <i>Current Opinion in Environmental Science and Health</i> , 2020, 16, A1-A3.	4.1	0
158	Developing a novel Bifidobacterium phage quantitative polymerase chain reaction-based assay for tracking untreated wastewater. <i>Science of the Total Environment</i> , 2022, , 155815.	8.0	0