Warish Ahmed

List of Publications by Year in Descending Order

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	Detection of the Omicron (B.1.1.529) variant of SARS-CoV-2 in aircraft wastewater.. *Science of the Total Environment*, **2022**, 820, 153171	10.2	6
154	Evaluation of process limit of detection and quantification variation of SARS-CoV-2 RT-qPCR and RT-dPCR assays for wastewater surveillance.. *Water Research*, **2022**, 213, 118132	12.5	7
153	Minimizing errors in RT-PCR detection and quantification of SARS-CoV-2 RNA for wastewater surveillance. *Science of the Total Environment*, **2022**, 805, 149877	10.2	36
152	Passive sampling to scale wastewater surveillance of infectious disease: Lessons learned from COVID-19.. *Science of the Total Environment*, **2022**, 155347	10.2	2
151	Monitoring of SARS-CoV-2 in sewersheds with low COVID-19 cases using a passive sampling technique.. *Water Research*, **2022**, 218, 118481	12.5	2
150	Developing a novel Bifidobacterium phage quantitative polymerase chain reaction-based assay for tracking untreated wastewater.. *Science of the Total Environment*, **2022**, 155815	10.2	
149	Application of digital PCR for public health-related water quality monitoring.. *Science of the Total Environment*, **2022**, 155663	10.2	1
148	RT-qPCR and ATOPlex sequencing for the sensitive detection of SARS-CoV-2 RNA for wastewater surveillance. *Water Research*, **2022**, 118621	12.5	1
147	Evaluation of multiple analytical methods for SARS-CoV-2 surveillance in wastewater samples. *Science of the Total Environment*, **2021**, 808, 152033	10.2	5
146	Wastewater surveillance demonstrates high predictive value for COVID-19 infection on board repatriation flights to Australia. *Environment International*, **2021**, 158, 106938	12.9	5
145	Antibiotic Resistance and Sewage-Associated Marker Genes in Untreated Sewage and a River Characterized During Baseflow and Stormflow. *Frontiers in Microbiology*, **2021**, 12, 632850	5.7	4
144	Development of a large volume concentration method for recovery of coronavirus from wastewater. *Science of the Total Environment*, **2021**, 774, 145727	10.2	15
143	Virological Characterization of Roof-Harvested Rainwater of Densely Urbanized Low-Income Region. *Food and Environmental Virology*, **2021**, 13, 412-420	4	4
142	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,	4.5	8
141	Comparative decay of culturable faecal indicator bacteria, microbial source tracking marker genes, and enteric pathogens in laboratory microcosms that mimic a sub-tropical environment. *Science of the Total Environment*, **2021**, 751, 141475	10.2	6
140	Intraday variability of indicator and pathogenic viruses in 1-h and 24-h composite wastewater samples: Implications for wastewater-based epidemiology. *Environmental Research*, **2021**, 193, 110531	7.9	29
139	SARS-CoV-2 RNA monitoring in wastewater as a potential early warning system for COVID-19 transmission in the community: A temporal case study. *Science of the Total Environment*, **2021**, 761, 144216	10.2	85

138	Performance of viral and bacterial genetic markers for sewage pollution tracking in tropical Thailand. *Water Research*, **2021**, 190, 116706	12.5	6
137	Within- and between-Day Variability of SARS-CoV-2 RNA in Municipal Wastewater during Periods of Varying COVID-19 Prevalence and Positivity. *ACS ES&T Water*, **2021**, 1, 2097-2108		14
136	Variability in RT-qPCR assay parameters indicates unreliable SARS-CoV-2 RNA quantification for wastewater surveillance. *Water Research*, **2021**, 203, 117516	12.5	20
135	Data-driven estimation of COVID-19 community prevalence through wastewater-based epidemiology. *Science of the Total Environment*, **2021**, 789, 147947	10.2	17
134	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. *Science of the Total Environment*, **2021**, 799, 149386	10.2	7
133	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,	0.8	13
132	Wastewater monitoring for SARS-CoV-2. *Microbiology Australia*, **2021**, 42, 18	0.8	1
131	Recycled water safety: Current status of traditional and emerging viral indicators. *Current Opinion in Environmental Science and Health*, **2020**, 16, 62-72	8.1	16
130	Interlaboratory accuracy and precision among results of three sewage-associated marker genes in urban environmental estuarine waters and freshwater streams. *Science of the Total Environment*, **2020**, 741, 140071	10.2	5
129	Comparison of virus concentration methods for the RT-qPCR-based recovery of murine hepatitis virus, a surrogate for SARS-CoV-2 from untreated wastewater. *Science of the Total Environment*, **2020**, 739, 139960	10.2	225
128	Antimicrobial-resistant microorganisms and their genetic determinants in stormwater: A systematic review. *Current Opinion in Environmental Science and Health*, **2020**, 16, 101-112	8.1	10
127	First detection of SARS-CoV-2 RNA in wastewater in North America: A study in Louisiana, USA. *Science of the Total Environment*, **2020**, 743, 140621	10.2	228
126	Identification of reliable marker genes for the detection of canine fecal contamination in sub-tropical Australia. *Science of the Total Environment*, **2020**, 718, 137246	10.2	3
125	Comparing microbial risks from multiple sustainable waste streams applied for agricultural use: Biosolids, manure, and diverted urine. *Current Opinion in Environmental Science and Health*, **2020**, 14, 37-50	8.1	7
124	Environmental and Adaptive Changes Necessitate a Paradigm Shift for Indicators of Fecal Contamination. *Microbiology Spectrum*, **2020**, 8,	8.9	5
123	SARS-CoV-2 in wastewater: State of the knowledge and research needs. *Science of the Total Environment*, **2020**, 739, 139076	10.2	351
122	Ecological and Technical Mechanisms for Cross-Reaction of Human Fecal Indicators with Animal Hosts. *Applied and Environmental Microbiology*, **2020**, 86,	4.8	11
121	Predatory bacteria in combination with solar disinfection and solar photocatalysis for the treatment of rainwater. *Water Research*, **2020**, 169, 115281	12.5	21

120	Sewage-associated marker genes illustrate the impact of wet weather overflows and dry weather leakage in urban estuarine waters of Sydney, Australia. *Science of the Total Environment*, **2020**, 705, 135390	10.2	30
119	Decay of SARS-CoV-2 and surrogate murine hepatitis virus RNA in untreated wastewater to inform application in wastewater-based epidemiology. *Environmental Research*, **2020**, 191, 110092	7.9	156
118	Surveillance of SARS-CoV-2 RNA in wastewater: Methods optimisation and quality control are crucial for generating reliable public health information. *Current Opinion in Environmental Science and Health*, **2020**, 17, 82-82	8.1	66
117	Persistence of SARS-CoV-2 in Water and Wastewater. *Environmental Science and Technology Letters*, **2020**, 7, 937-942	11	169
116	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. *Journal of Travel Medicine*, **2020**, 27,	12.9	81
115	Prevalence and abundance of traditional and host-associated fecal indicators in urban estuarine sediments: Potential implications for estuarine water quality monitoring. *Water Research*, **2020**, 184, 116109	12.5	4
114	Expression of attack and growth phase genes of Bdellovibrio bacteriovorus in the presence of Gram-negative and Gram-positive prey. *Microbiological Research*, **2020**, 235, 126437	5.3	4
113	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. *Science of the Total Environment*, **2020**, 728, 138764	10.2	829
112	Enhanced insights from human and animal host-associated molecular marker genes in a freshwater lake receiving wet weather overflows. *Scientific Reports*, **2019**, 9, 12503	4.9	19
111	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	10.2	10
110	A global review of the microbiological quality and potential health risks associated with roof-harvested rainwater tanks. *Npj Clean Water*, **2019**, 2,	11.2	33
109	Host Specificity and Sensitivity of Established and Novel Sewage-Associated Marker Genes in Human and Nonhuman Fecal Samples. *Applied and Environmental Microbiology*, **2019**, 85,	4.8	32
108	A duplex PCR assay for the simultaneous quantification of Bacteroides HF183 and crAssphage CPQ_056 marker genes in untreated sewage and stormwater. *Environment International*, **2019**, 126, 252-259	12.9	16
107	A review on microbial contaminants in stormwater runoff and outfalls: Potential health risks and mitigation strategies. *Science of the Total Environment*, **2019**, 692, 1304-1321	10.2	42
106	Synergy between quantitative microbial source tracking (qMST) and quantitative microbial risk assessment (QMRA): A review and prospectus. *Environment International*, **2019**, 130, 104703	12.9	36
105	Impacts of a changing earth on microbial dynamics and human health risks in the continuum between beach water and sand. *Water Research*, **2019**, 162, 456-470	12.5	28
104	Compositional and temporal stability of fecal taxon libraries for use with SourceTracker in sub-tropical catchments. *Water Research*, **2019**, 165, 114967	12.5	8
103	Protozoan pathogens Blastocystis and Giardia spp. in roof-harvested rainwater: the need to investigate the role of the common brushtail possum (Trichosurus vulpecula) and other potential sources of zoonotic transmission. *Journal of Water Sanitation and Hygiene for Development*, **2019**, 9, 780-785	1.5	3

102	Evaluation of pepper mild mottle virus as an indicator of human faecal pollution in shellfish and growing waters. *Water Research*, **2019**, 154, 370-376	12.5	22
101	Marker genes of fecal indicator bacteria and potential pathogens in animal feces in subtropical catchments. *Science of the Total Environment*, **2019**, 656, 1427-1435	10.2	10
100	Comparative decay of sewage-associated marker genes in beach water and sediment in a subtropical region. *Water Research*, **2019**, 149, 511-521	12.5	39
99	Application of SourceTracker for Accurate Identification of Fecal Pollution in Recreational Freshwater: A Double-Blinded Study. *Environmental Science & Technology*, **2018**, 52, 4207-4217	10.3	42
98	Seasonal metabolic analysis of marine sediments collected from Moreton Bay in South East Queensland, Australia, using a multi-omics-based approach. *Science of the Total Environment*, **2018**, 631-632, 1328-1341	10.2	18
97	Microfluidic quantification of multiple enteric and opportunistic bacterial pathogens in roof-harvested rainwater tank samples. *Environmental Monitoring and Assessment*, **2018**, 190, 105	3.1	7
96	Evaluation of the novel crAssphage marker for sewage pollution tracking in storm drain outfalls in Tampa, Florida. *Water Research*, **2018**, 131, 142-150	12.5	61
95	Abundance of Naegleria fowleri in roof-harvested rainwater tank samples from two continents. *Environmental Science and Pollution Research*, **2018**, 25, 5700-5710	5.1	7
94	Global Distribution of Human-Associated Fecal Genetic Markers in Reference Samples from Six Continents. *Environmental Science & Technology*, **2018**, 52, 5076-5084	10.3	49
93	Assessment of Water Quality in Roof-Harvested Rainwater Barrels in Greater Philadelphia. *Water (Switzerland)*, **2018**, 10, 92	3	5
92	Outbreaks of LegionnairesSDisease and Pontiac Fever 2006-2017. *Current Environmental Health Reports*, **2018**, 5, 263-271	6.5	39
91	Novel crAssphage marker genes ascertain sewage pollution in a recreational lake receiving urban stormwater runoff. *Water Research*, **2018**, 145, 769-778	12.5	54
90	and in Wastewater and Surface Water Environments. *Journal of Environmental Quality*, **2018**, 47, 1006-1023	3.4	24
89	Decay of sewage-associated bacterial communities in fresh and marine environmental waters and sediment. *Applied Microbiology and Biotechnology*, **2018**, 102, 7159-7170	5.7	9
88	Seasonal Abundance of Fecal Indicators and Opportunistic Pathogens in Roof-Harvested Rainwater Tanks. *Open Health Data*, **2018**, 5,	4.5	1
87	Quantitative microbial risk assessment of microbial source tracking markers in recreational water contaminated with fresh untreated and secondary treated sewage. *Environment International*, **2018** , 117, 243-249	12.9	57
86	Precipitation influences pathogenic bacteria and antibiotic resistance gene abundance in storm drain outfalls in coastal sub-tropical waters. *Environment International*, **2018**, 116, 308-318	12.9	61
85	Microbial risk from source-separated urine used as liquid fertilizer in sub-tropical Australia. *Microbial Risk Analysis*, **2017**, 5, 53-64	1.6	3

84	Comparison of culture-based, vital stain and PMA-qPCR methods for the quantitative detection of viable hookworm ova. *Water Science and Technology*, **2017**, 75, 2615-2621	2.2	7
83	Quantification of hookworm ova from wastewater matrices using quantitative PCR. *Journal of Environmental Sciences*, **2017**, 57, 231-237	6.4	6
82	Cross-Comparison of Human Wastewater-Associated Molecular Markers in Relation to Fecal Indicator Bacteria and Enteric Viruses in Recreational Beach Waters. *Applied and Environmental Microbiology*, **2017**, 83,	4.8	45
81	Human health risks for Legionella and Mycobacterium avium complex (MAC) from potable and non-potable uses of roof-harvested rainwater. *Water Research*, **2017**, 119, 288-303	12.5	43
80	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	3.3	12
79	Rainwater harvesting in American Samoa: current practices and indicative health risks. *Environmental Science and Pollution Research*, **2017**, 24, 12384-12392	5.1	12
78	Seasonal Assessment of Opportunistic Premise Plumbing Pathogens in Roof-Harvested Rainwater Tanks. *Environmental Science & Technology*, **2017**, 51, 1742-1753	10.3	23
77	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	10.2	19
76	Optimization of sampling strategy to determine pathogen removal efficacy of activated sludge treatment plant. *Environmental Science and Pollution Research*, **2017**, 24, 19001-19010	5.1	13
75	Amplicon-based profiling of bacteria in raw and secondary treated wastewater from treatment plants across Australia. *Applied Microbiology and Biotechnology*, **2017**, 101, 1253-1266	5.7	26
74	Amplicon-based taxonomic characterization of bacteria in urban and peri-urban roof-harvested rainwater stored in tanks. *Science of the Total Environment*, **2017**, 576, 326-334	10.2	29
73	A Community Multi-Omics Approach towards the Assessment of Surface Water Quality in an Urban River System. *International Journal of Environmental Research and Public Health*, **2017**, 14,	4.6	36
72	Faecal pollution along the southeastern coast of Florida and insight into the use of pepper mild mottle virus as an indicator. *Journal of Applied Microbiology*, **2016**, 121, 1469-1481	4.7	36
71	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, 18639-48	5.1	19
70	Determination of Ancylostoma caninum ova viability using metabolic profiling. *Parasitology Research*, **2016**, 115, 3485-92	2.4	10
69	Public health implications of Acanthamoeba and multiple potential opportunistic pathogens in roof-harvested rainwater tanks. *Environmental Research*, **2016**, 150, 320-327	7.9	29
68	Distributions of Fecal Markers in Wastewater from Different Climatic Zones for Human Fecal Pollution Tracking in Australian Surface Waters. *Applied and Environmental Microbiology*, **2016**, 82, 1316-1323	4.8	36
67	Utility of Helicobacter spp. associated GFD markers for detecting avian fecal pollution in natural waters of two continents. *Water Research*, **2016**, 88, 613-622	12.5	24

66	A Review of Analytical Techniques and Their Application in Disease Diagnosis in Breathomics and Salivaomics Research. *International Journal of Molecular Sciences*, **2016**, 18,	6.3	49
65	Current Status of Marker Genes of Bacteroides and Related Taxa for Identifying Sewage Pollution in Environmental Waters. *Water (Switzerland)*, **2016**, 8, 231	3	75
64	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	4.8	17
63	Beyond Metabolomics: A Review of Multi-Omics-Based Approaches **2016**, 289-312		19
62	Evaluation of Glass Wool Filters and Hollow-Fiber Ultrafiltration Concentration Methods for qPCR Detection of Human Adenoviruses and Polyomaviruses in River Water. *Water, Air, and Soil Pollution*, **2016**, 227, 327	2.6	4
61	An approach to reduce false viability assessment of hookworm eggs with vital stains. *Food and Waterborne Parasitology*, **2016**, 3, 9-12	6	5
60	Toolbox Approaches Using Molecular Markers and 16S rRNA Gene Amplicon Data Sets for Identification of Fecal Pollution in Surface Water. *Applied and Environmental Microbiology*, **2015**, 81, 7067-77	4.8	55
59	Assessment of Genetic Markers for Tracking the Sources of Human Wastewater Associated Escherichia coli in Environmental Waters. *Environmental Science & Technology*, **2015**, 49, 9341-6	10.3	17
58	Rapid concentration and sensitive detection of hookworm ova from wastewater matrices using a real-time PCR method. *Experimental Parasitology*, **2015**, 159, 5-12	2.1	20
57	Comparison of concentration methods for rapid detection of hookworm ova in wastewater matrices using quantitative PCR. *Experimental Parasitology*, **2015**, 159, 160-7	2.1	18
56	Microbial Source Tracking: Field Study Planning and Implementation **2015**, 3.4.5-1-3.4.5-11		2
55	Biotin- and Glycoprotein-Coated Microspheres as Surrogates for Studying Filtration Removal of Cryptosporidium parvum in a Granular Limestone Aquifer Medium. *Applied and Environmental Microbiology*, **2015**, 81, 4277-83	4.8	7
54	Comparison of concentration methods for quantitative detection of sewage-associated viral markers in environmental waters. *Applied and Environmental Microbiology*, **2015**, 81, 2042-9	4.8	82
53	Quantitative PCR measurements of Escherichia coli including shiga toxin-producing E. coli (STEC) in animal feces and environmental waters. *Environmental Science & Technology*, **2015**, 49, 3084-90	10.3	31
52	Relative inactivation of faecal indicator bacteria and sewage markers in freshwater and seawater microcosms. *Letters in Applied Microbiology*, **2014**, 59, 348-54	2.9	49
51	Opportunistic pathogens in roof-captured rainwater samples, determined using quantitative PCR. *Water Research*, **2014**, 53, 361-9	12.5	64
50	Monitoring of oil pollution at Gemsa Bay and bioremediation capacity of bacterial isolates with biosurfactants and nanoparticles. *Marine Pollution Bulletin*, **2014**, 87, 191-200	6.7	25
49	Prevalence of enterococcus species and their virulence genes in fresh water prior to and after storm events. *Environmental Science & Technology*, **2014**, 48, 2979-88	10.3	16

48	Inactivation of faecal indicator bacteria in a roof-captured rainwater system under ambient meteorological conditions. *Journal of Applied Microbiology*, **2014**, 116, 199-207	4.7	15
47	Sewage pollution in urban stormwater runoff as evident from the widespread presence of multiple microbial and chemical source tracking markers. *Science of the Total Environment*, **2013**, 463-464, 488-96	10.2	120
46	Sensitive detection of human adenovirus from small volume of primary wastewater samples by quantitative PCR. *Journal of Virological Methods*, **2013**, 187, 395-400	2.6	21
45	Performance characteristics of qPCR assays targeting human- and ruminant-associated bacteroidetes for microbial source tracking across sixteen countries on six continents. *Environmental Science & Technology*, **2013**, 47, 8548-56	10.3	84
44	Occurrence of virulence genes associated with Diarrheagenic pathotypes in Escherichia coli isolates from surface water. *Applied and Environmental Microbiology*, **2013**, 79, 328-35	4.8	49
43	Evaluation of bovine feces-associated microbial source tracking markers and their correlations with fecal indicators and zoonotic pathogens in a Brisbane, Australia, reservoir. *Applied and Environmental Microbiology*, **2013**, 79, 2682-91	4.8	41
42	Fecal indicators and bacterial pathogens in bottled water from Dhaka, Bangladesh. *Brazilian Journal of Microbiology*, **2013**, 44, 97-103	2.2	16
41	Consistency in the host specificity and host sensitivity of the Bacteroides HF183 marker for sewage pollution tracking. *Letters in Applied Microbiology*, **2012**, 55, 283-9	2.9	36
40	Prevalence of human pathogens and indicators in stormwater runoff in Brisbane, Australia. *Water Research*, **2012**, 46, 6652-60	12.5	102
39	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, 11370-6	10.3	24
38	An attempt to identify the likely sources of Escherichia coli harboring toxin genes in rainwater tanks. *Environmental Science & Technology*, **2012**, 46, 5193-7	10.3	30
37	Speciation and frequency of virulence genes of Enterococcus spp. isolated from rainwater tank samples in Southeast Queensland, Australia. *Environmental Science & Technology*, **2012**, 46, 6843-50	10.3	18
36	Evaluation of the nifH gene marker of Methanobrevibacter smithii for the detection of sewage pollution in environmental waters in Southeast Queensland, Australia. *Environmental Science & Technology*, **2012**, 46, 543-50	10.3	32
35	Fecal indicators and zoonotic pathogens in household drinking water taps fed from rainwater tanks in Southeast Queensland, Australia. *Applied and Environmental Microbiology*, **2012**, 78, 219-26	4.8	62
34	Escherichia coli virulence genes profile of surface waters as an indicator of water quality. *Water Research*, **2011**, 45, 6321-33	12.5	34
33	Microbiological quality of roof-harvested rainwater and health risks: a review. *Journal of Environmental Quality*, **2011**, 40, 13-21	3.4	112
32	Occurrence of intestinal and extraintestinal virulence genes in Escherichia coli isolates from rainwater tanks in Southeast Queensland, Australia. *Applied and Environmental Microbiology*, **2011**, 77, 7394-400	4.8	33
31	Source Tracking in Australia and New Zealand: Case Studies **2011**, 485-513		2

30	Prevalence and persistence of Escherichia coli strains with uropathogenic virulence characteristics in sewage treatment plants. *Applied and Environmental Microbiology*, **2010**, 76, 5882-6	4.8	44
29	Faecal sterols analysis for the identification of human faecal pollution in a non-sewered catchment. *Water Science and Technology*, **2010**, 61, 1355-61	2.2	10
28	Implications of faecal indicator bacteria for the microbiological assessment of roof-harvested rainwater quality in southeast Queensland, Australia. *Canadian Journal of Microbiology*, **2010**, 56, 471-9	3.2	54
27	Quantitative PCR assay of sewage-associated Bacteroides markers to assess sewage pollution in an urban lake in Dhaka, Bangladesh. *Canadian Journal of Microbiology*, **2010**, 56, 838-45	3.2	42
26	Health risk from the use of roof-harvested rainwater in Southeast Queensland, Australia, as potable or nonpotable water, determined using quantitative microbial risk assessment. *Applied and Environmental Microbiology*, **2010**, 76, 7382-91	4.8	105
25	Human and bovine adenoviruses for the detection of source-specific fecal pollution in coastal waters in Australia. *Water Research*, **2010**, 44, 4662-73	12.5	56
24	Evaluating sewage-associated JCV and BKV polyomaviruses for sourcing human fecal pollution in a coastal river in Southeast Queensland, Australia. *Journal of Environmental Quality*, **2010**, 39, 1743-50	3.4	41
23	Comment on "Environmental occurrence of the enterococcal surface protein (esp) gene is an unreliable indicator of human fecal contamination". *Environmental Science & Technology*, **2009**, 43, 6434-5; author reply 6436-7	10.3	4
22	Prevalence and occurrence of zoonotic bacterial pathogens in surface waters determined by quantitative PCR. *Water Research*, **2009**, 43, 4918-28	12.5	79
21	Evaluation of multiple sewage-associated Bacteroides PCR markers for sewage pollution tracking. *Water Research*, **2009**, 43, 4872-7	12.5	51
20	Comparison of molecular markers to detect fresh sewage in environmental waters. *Water Research*, **2009**, 43, 4908-17	12.5	54
19	A real-time polymerase chain reaction assay for quantitative detection of the human-specific enterococci surface protein marker in sewage and environmental waters. *Environmental Microbiology*, **2008**, 10, 3255-64	5.2	22
18	Phenotypic variations of enterococci in surface waters: analysis of biochemical fingerprinting data from multi-catchments. *Journal of Applied Microbiology*, **2008**, 105, 452-8	4.7	10
17	Population similarity analysis of indicator bacteria for source prediction of faecal pollution in a coastal lake. *Marine Pollution Bulletin*, **2008**, 56, 1469-75	6.7	14
16	Real-time PCR detection of pathogenic microorganisms in roof-harvested rainwater in Southeast Queensland, Australia. *Applied and Environmental Microbiology*, **2008**, 74, 5490-6	4.8	121
15	Detection and source identification of faecal pollution in non-sewered catchment by means of host-specific molecular markers. *Water Science and Technology*, **2008**, 58, 579-86	2.2	36
14	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, 1583-8	3.4	25
13	Evaluation of Bacteroides markers for the detection of human faecal pollution. *Letters in Applied Microbiology*, **2008**, 46, 237-42	2.9	60

12	Detection of virulence genes in Escherichia coli of an existing metabolic fingerprint database to predict the sources of pathogenic E. coli in surface waters. *Water Research*, **2007**, 41, 3785-91	12.5	26
11	Sourcing faecal pollution: a combination of library-dependent and library-independent methods to identify human faecal pollution in non-sewered catchments. *Water Research*, **2007**, 41, 3771-9	12.5	42
10	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. *Water Research*, **2006**, 40, 2339-48	12.5	15
9	Population similarity of enterococci and Escherichia coil in surface waters: A predictive tool to trace the sources of fecal contamination. *Journal of Water and Health*, **2006**, 4, 347-56	2.2	12
8	Evidence of septic system failure determined by a bacterial biochemical fingerprinting method. *Journal of Applied Microbiology*, **2005**, 98, 910-20	4.7	78
7	Host species-specific metabolic fingerprint database for enterococci and Escherichia coli and its application to identify sources of fecal contamination in surface waters. *Applied and Environmental Microbiology*, **2005**, 71, 4461-8	4.8	56
6	Comparison of RT-qPCR and RT-dPCR Platforms for the Trace Detection of SARS-CoV-2 RNA in Wastewater. *ACS ES&T Water*,		8
5	In Situ Calibration of Passive Samplers for Viruses in Wastewater. *ACS ES&T Water*,		1
4	General and host-associated bacterial indicators of faecal pollution		4
3	Superior performance of human wastewater-associated viral markers compared to bacterial markers in tropical environments		1
2	Show us the Data: Global COVID-19 Wastewater Monitoring Efforts, Equity, and Gaps		22
1	Within-Day Variability of SARS-CoV-2 RNA in Municipal Wastewater Influent During Periods of Varying COVID-19 Prevalence and Positivity		6