

Pradip Gyawali

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

1,083
citations

17
h-index

32
g-index

35
ext. papers

1,570
ext. citations

7.3
avg, IF

4.96
L-index

#	Paper	IF	Citations
34	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	10.2	225
33	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	7.9	156
32	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,	12.9	81
31	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> , 2020 , 17, 82-82	8.1	66
30	Opportunistic pathogens in roof-captured rainwater samples, determined using quantitative PCR. <i>Water Research</i> , 2014 , 53, 361-9	12.5	64
29	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, 7064-77	4.8	55
28	Relative inactivation of faecal indicator bacteria and sewage markers in freshwater and seawater microcosms. <i>Letters in Applied Microbiology</i> , 2014 , 59, 348-54	2.9	49
27	Comparative decay of sewage-associated marker genes in beach water and sediment in a subtropical region. <i>Water Research</i> , 2019 , 149, 511-521	12.5	39
26	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	10.2	36
25	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,	4.8	32
24	Quantitative PCR measurements of Escherichia coli including shiga toxin-producing E. coli (STEC) in animal feces and environmental waters. <i>Environmental Science & Technology</i> , 2015 , 49, 3084-90	10.3	31
23	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	7.9	29
22	Quantitative microbial risk assessment (QMRA) of occupational exposure to SARS-CoV-2 in wastewater treatment plants. <i>Science of the Total Environment</i> , 2021 , 763, 142989	10.2	25
21	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	12.5	22
20	Rapid concentration and sensitive detection of hookworm ova from wastewater matrices using a real-time PCR method. <i>Experimental Parasitology</i> , 2015 , 159, 5-12	2.1	20
19	Comparison of concentration methods for rapid detection of hookworm ova in wastewater matrices using quantitative PCR. <i>Experimental Parasitology</i> , 2015 , 159, 160-7	2.1	18
18	Assessment of Genetic Markers for Tracking the Sources of Human Wastewater Associated Escherichia coli in Environmental Waters. <i>Environmental Science & Technology</i> , 2015 , 49, 9341-6	10.3	17

17	Norovirus in shellfish: An overview of post-harvest treatments and their challenges. <i>Food Control</i> , 2019 , 99, 171-179	6.2	17
16	Rainwater harvesting in American Samoa: current practices and indicative health risks. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 12384-12392	5.1	12
15	Current and Emerging Technologies for the Detection of Norovirus from Shellfish. <i>Foods</i> , 2019 , 8,	4.9	12
14	Faecal contamination in bivalve molluscan shellfish: Can the application of the microbial source tracking method minimise public health risks?. <i>Current Opinion in Environmental Science and Health</i> , 2020 , 16, 14-21	8.1	11
13	Detection of Infectious Noroviruses from Wastewater and Seawater Using PEMAX™ Treatment Combined with RT-qPCR. <i>Water (Switzerland)</i> , 2018 , 10, 841	3	11
12	Preliminary evaluation of BioFire FilmArray Gastrointestinal Panel for the detection of noroviruses and other enteric viruses from wastewater and shellfish. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 27657-27661	5.1	8
11	Comparison of RT-qPCR and RT-dPCR Platforms for the Trace Detection of SARS-CoV-2 RNA in Wastewater. <i>ACS ES&T Water</i> ,		8
10	Minimizing Errors in RT-PCR Detection and Quantification of SARS-CoV-2 RNA for Wastewater Surveillance		8
9	A multi-platform metabolomics approach to identify possible biomarkers for human faecal contamination in Greenshell™ mussels (<i>Perna canaliculus</i>). <i>Science of the Total Environment</i> , 2021 , 771, 145363	10.2	8
8	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> , 2021 , 10,	4.5	8
7	Quantification of hookworm ova from wastewater matrices using quantitative PCR. <i>Journal of Environmental Sciences</i> , 2017 , 57, 231-237	6.4	6
6	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	5.7	4
5	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	10.2	3
4	Application of crAssphage, F-RNA phage and pepper mild mottle virus as indicators of human faecal and norovirus contamination in shellfish. <i>Science of the Total Environment</i> , 2021 , 783, 146848	10.2	2
3	Occurrence of <i>Naegleria fowleri</i> and faecal indicators in sediments from Lake Pontchartrain, Louisiana.. <i>Journal of Water and Health</i> , 2022 , 20, 657-669	2.2	0
2	Intestinal parasites in the slum-dwelling population in Naya Bazar, Kaski, Nepal. <i>Janaki Medical College Journal of Medical Science</i> , 2018 , 6, 29-35	0.1	
1	Impact on Vegetation due to Deep Drain in Water Valley of South Australia. <i>Our Nature</i> , 2013 , 11, 54-60		