

Nicholas Crosbie

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.

39
papers

1,462
citations

17
h-index

38
g-index

39
ext. papers

1,861
ext. citations

6
avg. IF

4.58
L-index

#	Paper	IF	Citations
39	MIFlowCyt: the minimum information about a Flow Cytometry Experiment. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008 , 73, 926-30	4.6	279
38	A review of analytical techniques for quantifying microplastics in sediments. <i>Analytical Methods</i> , 2017 , 9, 1369-1383	3.2	197
37	Wastewater-based epidemiology biomarkers: Past, present and future. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 105, 453-469	14.6	194
36	Dispersal and phylogenetic diversity of nonmarine picocyanobacteria, inferred from 16S rRNA gene and cpcBA-intergenic spacer sequence analyses. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 5716-21	4.8	125
35	An investigation into per- and polyfluoroalkyl substances (PFAS) in nineteen Australian wastewater treatment plants (WWTPs). <i>Heliyon</i> , 2019 , 5, e02316	3.6	82
34	Into the deep: Evaluation of SourceTracker for assessment of faecal contamination of coastal waters. <i>Water Research</i> , 2016 , 93, 242-253	12.5	78
33	Flow-cytometric mapping provides novel insights into the seasonal and vertical distributions of freshwater autotrophic picoplankton. <i>Aquatic Microbial Ecology</i> , 2003 , 33, 53-66	1.1	61
32	Abundance, distribution and flow-cytometric characterization of picophytoprookaryote populations in central (17°S) and southern (20°S) shelf waters of the Great Barrier Reef. <i>Journal of Plankton Research</i> , 2001 , 23, 809-828	2.2	49
31	Rapid establishment of clonal isolates of freshwater autotrophic picoplankton by single-cell and single-colony sorting. <i>Journal of Microbiological Methods</i> , 2003 , 55, 361-70	2.8	44
30	A National Wastewater Monitoring Program for a better understanding of public health: A case study using the Australian Census. <i>Environment International</i> , 2019 , 122, 400-411	12.9	40
29	Emerging recombinant noroviruses identified by clinical and waste water screening. <i>Emerging Microbes and Infections</i> , 2018 , 7, 50	18.9	31
28	Enhanced phosphorus accumulation efficiency by the pelagic community at reduced phosphorus supply: A lake experiment from bacteria to metazoan zooplankton. <i>Limnology and Oceanography</i> , 2003 , 48, 1141-1149	4.8	31
27	Passive Sampling of SARS-CoV-2 for Wastewater Surveillance. <i>Environmental Science & Technology</i> , 2021 , 55, 10432-10441	10.3	26
26	Temporal trends of per- and polyfluoroalkyl substances (PFAS) in the influent of two of the largest wastewater treatment plants in Australia. <i>Emerging Contaminants</i> , 2019 , 5, 211-218	5.8	23
25	Evaluation of Techniques for Measuring Microbial Hazards in Bathing Waters: A Comparative Study. <i>PLoS ONE</i> , 2016 , 11, e0155848	3.7	21
24	Net growth rates of picocyanobacteria and nano- microphytoplankton inhabiting shelf waters of the central (17S) and southern (20S) Great Barrier Reef. <i>Aquatic Microbial Ecology</i> , 2001 , 24, 209-224	1.1	21
23	Diagnosing water treatment critical control points for cyanobacterial removal: Exploring benefits of combined microscopy, next-generation sequencing, and cell integrity methods. <i>Water Research</i> , 2019 , 152, 96-105	12.5	20

22	An improved method for PCR-based detection and routine monitoring of geosmin-producing cyanobacterial blooms. <i>Water Research</i> , 2018 , 136, 34-40	12.5	15
21	SARS-CoV-2 known and unknowns, implications for the water sector and wastewater-based epidemiology to support national responses worldwide: early review of global experiences with the COVID-19 pandemic. <i>Water Quality Research Journal of Canada</i> , 2021 , 56, 57-67	1.7	14
20	Automated Isolation Techniques for Microalgae 2005 , 101-116		12
19	Dietary Uptake and Depuration Kinetics of Perfluorooctane Sulfonate, Perfluorooctanoic Acid, and Hexafluoropropylene Oxide Dimer Acid (GenX) in a Benthic Fish. <i>Environmental Toxicology and Chemistry</i> , 2020 , 39, 595-603	3.8	12
18	The small, the big, and the beautiful: Emerging challenges and opportunities for waste stabilization ponds in Australia. <i>Wiley Interdisciplinary Reviews: Water</i> , 2019 , 6, e1383	5.7	11
17	First report of anatoxin-a producing cyanobacteria in Australia illustrates need to regularly up-date monitoring strategies in a shifting global distribution. <i>Scientific Reports</i> , 2019 , 9, 10894	4.9	10
16	Epidemiological evaluation of sewage surveillance as a tool to detect the presence of COVID-19 cases in a low case load setting. <i>Science of the Total Environment</i> , 2021 , 786, 147469	10.2	10
15	Genetic diversity and quantification of human mastadenoviruses in wastewater from Sydney and Melbourne, Australia. <i>Science of the Total Environment</i> , 2019 , 675, 305-312	10.2	9
14	Distribution and conservation of known secondary metabolite biosynthesis gene clusters in the genomes of geographically diverse <i>Microcystis aeruginosa</i> strains. <i>Marine and Freshwater Research</i> , 2020 , 71, 701	2.2	9
13	A modified assay for the enumeration of ascaris eggs in fresh raw sewage. <i>MethodsX</i> , 2017 , 4, 186-190	1.9	8
12	Evaluation of Cyto-genotoxicity of Perfluorooctane Sulfonate (PFOS) to <i>Allium cepa</i> . <i>Environmental Toxicology and Chemistry</i> , 2021 , 40, 792-798	3.8	7
11	Nitrogen contamination and bioremediation in groundwater and the environment: A review. <i>Earth-Science Reviews</i> , 2021 , 222, 103816	10.2	6
10	A modified approach to recover and enumerate <i>Ascaris ova</i> in wastewater and sludge. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007020	4.8	5
9	Detection of Helminth Ova in Wastewater Using Recombinase Polymerase Amplification Coupled to Lateral Flow Strips. <i>Water (Switzerland)</i> , 2020 , 12, 691	3	5
8	Strain-specific photosynthetic response of freshwater picocyanobacteria. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2005 , 29, 777-782		2
7	Photodegradation of emerging contaminants in a sunlit wastewater lagoon, seasonal measurements, environmental impacts and modelling. <i>Environmental Science: Water Research and Technology</i> , 2020 , 6, 3380-3390	4.2	2
6	The probability of <i>Cysticercus bovis</i> detection in livestock from exposure to recycled water in non-endemic countries. <i>Microbial Risk Analysis</i> , 2021 , 18, 100164	1.6	1
5	Wastewater monitoring for SARS-CoV-2. <i>Microbiology Australia</i> , 2021 , 42, 18	0.8	1

4	The Variation in Groundwater Microbial Communities in an Unconfined Aquifer Contaminated by Multiple Nitrogen Contamination Sources. <i>Water (Switzerland)</i> , 2022 , 14, 613	3	1
3	The Effectiveness of Global Constructed Shallow Waterbody Design Guidelines to Limit Harmful Algal Blooms. <i>Water Resources Research</i> , 2021 , 57, e2020WR028918	5.4	0
2	Inactivation of biofilm-bound bacterial cells using irradiation across UVC wavelengths.. <i>Water Research</i> , 2022 , 217, 118379	12.5	0
1	Improvement of Log Reduction Values Design Equations for Helminth Egg Management in Recycled Water. <i>Water (Switzerland)</i> , 2021 , 13, 3149	3	