

Nicholas Crosbie

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,279
citations

361296

20
h-index

330025

37
g-index

39
all docs

39
docs citations

39
times ranked

3976
citing authors

#	ARTICLE	IF	CITATIONS
1	MIFlowCyt: The minimum information about a flow cytometry experiment. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2008, 73A, 926-930.	1.1	381
2	Wastewater-based epidemiology biomarkers: Past, present and future. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 105, 453-469.	5.8	327
3	A review of analytical techniques for quantifying microplastics in sediments. <i>Analytical Methods</i> , 2017, 9, 1369-1383.	1.3	305
4	An investigation into per- and polyfluoroalkyl substances (PFAS) in nineteen Australian wastewater treatment plants (WWTPs). <i>Heliyon</i> , 2019, 5, e02316.	1.4	166
5	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, 5716-5721.	1.4	139
6	Into the deep: Evaluation of SourceTracker for assessment of faecal contamination of coastal waters. <i>Water Research</i> , 2016, 93, 242-253.	5.3	117
7	Passive Sampling of SARS-CoV-2 for Wastewater Surveillance. <i>Environmental Science & Technology</i> , 2021, 55, 10432-10441.	4.6	85
8	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.	0.9	73
9	Abundance, distribution and flow-cytometric characterization of picophytoprokaryote populations in central (17degreesS) and southern (20degreesS) shelf waters of the Great Barrier Reef. <i>Journal of Plankton Research</i> , 2001, 23, 809-828.	0.8	61
10	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.	4.8	59
11	Rapid establishment of clonal isolates of freshwater autotrophic picoplankton by single-cell and single-colony sorting. <i>Journal of Microbiological Methods</i> , 2003, 55, 361-370.	0.7	49
12	Emerging recombinant noroviruses identified by clinical and waste water screening. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-14.	3.0	41
13	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.	1.6	40
14	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.	2.2	39
15	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.	5.3	35
16	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.	1.2	34
17	Nitrogen contamination and bioremediation in groundwater and the environment: A review. <i>Earth-Science Reviews</i> , 2021, 222, 103816.	4.0	29
18	Evaluation of Techniques for Measuring Microbial Hazards in Bathing Waters: A Comparative Study. <i>PLoS ONE</i> , 2016, 11, e0155848.	1.1	27

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19	Automated Isolation Techniques for Microalgae. , 2005, , 101-116.		26
20	Net growth rates of picocyanobacteria and nano- microphytoplankton inhabiting shelf waters of the central (17S) and southern (20S) Great Barrier Reef. Aquatic Microbial Ecology, 2001, 24, 209-224.	0.9	25
21	Dietary Uptake and Depuration Kinetics of Perfluorooctane Sulfonate, Perfluorooctanoic Acid, and Hexafluoropropylene Oxide Dimer Acid (GenX) in a Benthic Fish. Environmental Toxicology and Chemistry, 2020, 39, 595-603.	2.2	24
22	Epidemiological evaluation of sewage surveillance as a tool to detect the presence of COVID-19 cases in a low case load setting. Science of the Total Environment, 2021, 786, 147469.	3.9	24
23	First report of anatoxin-a producing cyanobacteria in Australia illustrates need to regularly up-date monitoring strategies in a shifting global distribution. Scientific Reports, 2019, 9, 10894.	1.6	21
24	An improved method for PCR-based detection and routine monitoring of geosmin-producing cyanobacterial blooms. Water Research, 2018, 136, 34-40.	5.3	20
25	The small, the big, and the beautiful: Emerging challenges and opportunities for waste stabilization ponds in Australia. Wiley Interdisciplinary Reviews: Water, 2019, 6, e1383.	2.8	20
26	Distribution and conservation of known secondary metabolite biosynthesis gene clusters in the genomes of geographically diverse Microcystis aeruginosa strains. Marine and Freshwater Research, 2020, 71, 701.	0.7	20
27	Genetic diversity and quantification of human mastadenoviruses in wastewater from Sydney and Melbourne, Australia. Science of the Total Environment, 2019, 675, 305-312.	3.9	16
28	Inactivation of biofilm-bound bacterial cells using irradiation across UVC wavelengths. Water Research, 2022, 217, 118379.	5.3	15
29	Evaluation of Cytoâ€genotoxicity of Perfluorooctane Sulfonate (PFOS) to <i>Allium cepa</i>. Environmental Toxicology and Chemistry, 2021, 40, 792-798.	2.2	14
30	A modified assay for the enumeration of ascaris eggs in fresh raw sewage. MethodsX, 2017, 4, 186-190.	0.7	9
31	Detection of Helminth Ova in Wastewater Using Recombinase Polymerase Amplification Coupled to Lateral Flow Strips. Water (Switzerland), 2020, 12, 691.	1.2	9
32	A modified approach to recover and enumerate Ascaris ova in wastewater and sludge. PLoS Neglected Tropical Diseases, 2019, 13, e0007020.	1.3	7
33	The Effectiveness of Global Constructed Shallow Waterbody Design Guidelines to Limit Harmful Algal Blooms. Water Resources Research, 2021, 57, e2020WR028918.	1.7	6
34	Wastewater monitoring for SARS-CoV-2. Microbiology Australia, 2021, 42, 18.	0.1	5
35	Strain-specific photosynthetic response of freshwater picocyanobacteria. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2005, 29, 777-782.	0.1	4
36	Photodegradation of emerging contaminants in a sunlit wastewater lagoon, seasonal measurements, environmental impacts and modelling. Environmental Science: Water Research and Technology, 2020, 6, 3380-3390.	1.2	3

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37	The Variation in Groundwater Microbial Communities in an Unconfined Aquifer Contaminated by Multiple Nitrogen Contamination Sources. <i>Water (Switzerland)</i> , 2022, 14, 613.	1.2	3
38	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.	1.3	1
39	Improvement of Log Reduction Values Design Equations for Helminth Egg Management in Recycled Water. <i>Water (Switzerland)</i> , 2021, 13, 3149.	1.2	0