Nicholas Crosbie

List of Publications by Year in Descending Order

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	The Variation in Groundwater Microbial Communities in an Unconfined Aquifer Contaminated by Multiple Nitrogen Contamination Sources. *Water (Switzerland)*, **2022**, 14, 613	3	1
38	Inactivation of biofilm-bound bacterial cells using irradiation across UVC wavelengths.. *Water Research*, **2022**, 217, 118379	12.5	0
37	Improvement of Log Reduction Values Design Equations for Helminth Egg Management in Recycled Water. *Water (Switzerland)*, **2021**, 13, 3149	3	
36	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. *Water Quality Research Journal of Canada*, **2021**, 56, 57-67	1.7	14
35	Evaluation of Cyto-genotoxicity of Perfluorooctane Sulfonate (PFOS) to Allium cepa. *Environmental Toxicology and Chemistry*, **2021**, 40, 792-798	3.8	7
34	Passive Sampling of SARS-CoV-2 for Wastewater Surveillance. *Environmental Science & Technology*, **2021**, 55, 10432-10441	10.3	26
33	The Effectiveness of Global Constructed Shallow Waterbody Design Guidelines to Limit Harmful Algal Blooms. *Water Resources Research*, **2021**, 57, e2020WR028918	5.4	0
32	The probability of cysticercus bovis detection in livestock from exposure to recycled water in non-endemic countries. *Microbial Risk Analysis*, **2021**, 18, 100164	1.6	1
31	Nitrogen contamination and bioremediation in groundwater and the environment: A review. *Earth-Science Reviews*, **2021**, 222, 103816	10.2	6
30	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	10.2	10
29	Wastewater monitoring for SARS-CoV-2. *Microbiology Australia*, **2021**, 42, 18	0.8	1
28	Detection of Helminth Ova in Wastewater Using Recombinase Polymerase Amplification Coupled to Lateral Flow Strips. *Water (Switzerland)*, **2020**, 12, 691	3	5
27	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	2.2	9
26	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	3.8	12
25	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	4.2	2
24	An investigation into per- and polyfluoroalkyl substances (PFAS) in nineteen Australian wastewater treatment plants (WWTPs). *Heliyon*, **2019**, 5, e02316	3.6	82
23	Genetic diversity and quantification of human mastadenoviruses in wastewater from Sydney and Melbourne, Australia. *Science of the Total Environment*, **2019**, 675, 305-312	10.2	9

22	A modified approach to recover and enumerate Ascaris ova in wastewater and sludge. *PLoS Neglected Tropical Diseases*, **2019**, 13, e0007020	4.8	5
21	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	4.9	10
20	Temporal trends of per- and polyfluoroalkyl substances (PFAS) in the influent of two of the largest wastewater treatment plants in Australia. *Emerging Contaminants*, **2019**, 5, 211-218	5.8	23
19	The small, the big, and the beautiful: Emerging challenges and opportunities for waste stabilization ponds in Australia. *Wiley Interdisciplinary Reviews: Water*, **2019**, 6, e1383	5.7	11
18	A National Wastewater Monitoring Program for a better understanding of public health: A case study using the Australian Census. *Environment International*, **2019**, 122, 400-411	12.9	40
17	Diagnosing water treatment critical control points for cyanobacterial removal: Exploring benefits of combined microscopy, next-generation sequencing, and cell integrity methods. *Water Research*, **2019**, 152, 96-105	12.5	20
16	An improved method for PCR-based detection and routine monitoring of geosmin-producing cyanobacterial blooms. *Water Research*, **2018**, 136, 34-40	12.5	15
15	Emerging recombinant noroviruses identified by clinical and waste water screening. *Emerging Microbes and Infections*, **2018**, 7, 50	18.9	31
14	Wastewater-based epidemiology biomarkers: Past, present and future. *TrAC - Trends in Analytical Chemistry*, **2018**, 105, 453-469	14.6	194
13	A modified assay for the enumeration of ascaris eggs in fresh raw sewage. *MethodsX*, **2017**, 4, 186-190	1.9	8
12	A review of analytical techniques for quantifying microplastics in sediments. *Analytical Methods*, **2017**, 9, 1369-1383	3.2	197
11	Into the deep: Evaluation of SourceTracker for assessment of faecal contamination of coastal waters. *Water Research*, **2016**, 93, 242-253	12.5	78
10	Evaluation of Techniques for Measuring Microbial Hazards in Bathing Waters: A Comparative Study. *PLoS ONE*, **2016**, 11, e0155848	3.7	21
9	MIFlowCyt: the minimum information about a Flow Cytometry Experiment. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2008**, 73, 926-30	4.6	279
8	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		2
7	Automated Isolation Techniques for Microalgae **2005**, 101-116		12
6	Dispersal and phylogenetic diversity of nonmarine picocyanobacteria, inferred from 16S rRNA gene and cpcBA-intergenic spacer sequence analyses. *Applied and Environmental Microbiology*, **2003**, 69, 5716-21	4.8	125
5	Enhanced phosphorus accumulation efficiency by the pelagic community at reduced phosphorus supply: A lake experiment from bacteria to metazoan zooplankton. *Limnology and Oceanography*, **2003**, 48, 1141-1149	4.8	31

4	Rapid establishment of clonal isolates of freshwater autotrophic picoplankton by single-cell and single-colony sorting. *Journal of Microbiological Methods*, **2003**, 55, 361-70	2.8	44
3	Flow-cytometric mapping provides novel insights into the seasonal and vertical distributions of freshwater autotrophic picoplankton. *Aquatic Microbial Ecology*, **2003**, 33, 53-66	1.1	61
2	Abundance, distribution and flow-cytometric characterization of picophytoprokaryote populations in central (17°S) and southern (20°S) shelf waters of the Great Barrier Reef. *Journal of Plankton Research*, **2001**, 23, 809-828	2.2	49
1	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	1.1	21