

Anas Ghadouani

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.

67
papers

1,804
citations

23
h-index

41
g-index

74
ext. papers

2,104
ext. citations

5.1
avg. IF

5.05
L-index

#	Paper	IF	Citations
67	Effects of rainfall patterns on toxic cyanobacterial blooms in a changing climate: between simplistic scenarios and complex dynamics. <i>Water Research</i> , 2012 , 46, 1372-93	12.5	221
66	Effects of experimentally induced cyanobacterial blooms on crustacean zooplankton communities. <i>Freshwater Biology</i> , 2003 , 48, 363-381	3.1	148
65	The Resilience Architecture Framework: Four organizational archetypes. <i>European Management Journal</i> , 2014 , 32, 104-116	4.8	126
64	Application of hydrogen peroxide for the removal of toxic cyanobacteria and other phytoplankton from wastewater. <i>Environmental Science & Technology</i> , 2008 , 42, 8916-21	10.3	113
63	The use of hydrogen peroxide to remove cyanobacteria and microcystins from waste stabilization ponds and hypereutrophic systems. <i>Ecological Engineering</i> , 2013 , 50, 86-94	3.9	76
62	Effects of <i>Microcystis aeruginosa</i> and purified microcystin-LR on the feeding behavior of <i>Daphnia pulex</i> . <i>Limnology and Oceanography</i> , 2004 , 49, 666-679	4.8	76
61	A novel single-parameter approach for forecasting algal blooms. <i>Water Research</i> , 2017 , 108, 222-231	12.5	69
60	effects of natural flavonoids on photosynthetic activity and cell integrity in <i>Microcystis aeruginosa</i> . <i>Toxins</i> , 2015 , 7, 66-80	4.9	63
59	Grazing of two toxic <i>Planktothrix</i> species by <i>Daphnia pulex</i> : potential for bloom control and transfer of microcystins. <i>Journal of Plankton Research</i> , 2007 , 29, 827-838	2.2	52
58	Phytoplankton Distribution in Lake Erie as Assessed by a New in situ Spectrofluorometric Technique. <i>Journal of Great Lakes Research</i> , 2005 , 31, 154-167	3	51
57	The long-term effect of artificial destratification on phytoplankton species composition in a subtropical reservoir. <i>Freshwater Biology</i> , 2005 , 50, 1081-1093	3.1	50
56	Giving the consumer the choice: A methodology for Product Ecological Footprint calculation. <i>Ecological Economics</i> , 2009 , 68, 2525-2534	5.6	48
55	Modelling hydrological processes influenced by soil, rock and vegetation in a small karst basin of southwest China. <i>Hydrological Processes</i> , 2011 , 25, 2456-2470	3.3	44
54	Halogen Radicals Promote the Photodegradation of Microcystins in Estuarine Systems. <i>Environmental Science & Technology</i> , 2016 , 50, 8505-13	10.3	42
53	Long-term effects of successive Ca(OH) ₂ and CaCO ₃ treatments on the water quality of two eutrophic hardwater lakes. <i>Freshwater Biology</i> , 2001 , 46, 1089-1103	3.1	37
52	Spatial and temporal variability in the relationship between cyanobacterial biomass and microcystins. <i>Environmental Monitoring and Assessment</i> , 2013 , 185, 6379-95	3.1	35
51	Could increased cyanobacterial biomass following forest harvesting cause a reduction in zooplankton body size structure?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006 , 63, 2308-2317	7.4	34

50	Science, technology and policy for Water Pollution Control at the Watershed Scale: Current issues and future challenges. <i>Physics and Chemistry of the Earth</i> , 2011 , 36, 335-341	3	32
49	Greenhouse gas emissions from waste stabilisation ponds in Western Australia and Quebec (Canada). <i>Water Research</i> , 2016 , 101, 64-74	12.5	32
48	Effects of the Distribution of a Toxic Microcystis Bloom on the Small Scale Patchiness of Zooplankton. <i>PLoS ONE</i> , 2013 , 8, e66674	3.7	28
47	Relationships between zooplankton community structure and phytoplankton in two lime-treated eutrophic hardwater lakes. <i>Freshwater Biology</i> , 1998 , 39, 775-790	3.1	28
46	Environmental Factors and the Application of Hydrogen Peroxide for the Removal of Toxic Cyanobacteria from Waste Stabilization Ponds. <i>Journal of Environmental Engineering, ASCE</i> , 2011 , 137, 952-960	2	27
45	Acute Toxicological Response of Daphnia and Moina to Hydrogen Peroxide. <i>Journal of Environmental Engineering, ASCE</i> , 2012 , 138, 607-611	2	27
44	Sludge accumulation and distribution impact the hydraulic performance in waste stabilisation ponds. <i>Water Research</i> , 2017 , 110, 354-365	12.5	23
43	Spatial Heterogeneity Of Planktonic Microorganisms In Aquatic Systems 2007 , 203-310		23
42	Contribution of sediments in the removal of microcystin-LR from water. <i>Toxicon</i> , 2014 , 83, 84-90	2.8	22
41	The importance of lake sediments as a pathway for microcystin dynamics in shallow eutrophic lakes. <i>Toxins</i> , 2015 , 7, 900-18	4.9	20
40	Phenotypic plasticity in Daphnia pulicaria as an adaptation to high biomass of colonial and filamentous cyanobacteria: experimental evidence. <i>Journal of Plankton Research</i> , 2002 , 24, 1047-1056	2.2	19
39	Changes to zooplankton community structure following colonization of a small lake by Leptodora kindti. <i>Limnology and Oceanography</i> , 2004 , 49, 1239-1249	4.8	15
38	Spatial analysis of phytoplankton patterns in relation to environmental factors across the southern Taihu basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013 , 27, 1347-1357	3.5	14
37	Response of plankton communities to whole-lake Ca(OH) ₂ and CaCO ₃ additions in eutrophic hardwater lakes. <i>Freshwater Biology</i> , 2001 , 46, 1105-1119	3.1	14
36	Sterols indicate water quality and wastewater treatment efficiency. <i>Water Research</i> , 2017 , 108, 401-411	12.5	13
35	Cyanobacterial and microcystins dynamics following the application of hydrogen peroxide to waste stabilisation ponds. <i>Hydrology and Earth System Sciences</i> , 2013 , 17, 2097-2105	5.5	13
34	Effects of recent increases in salinity and nutrient concentrations on the microbialite community of Lake Clifton (Western Australia): are the thrombolites at risk?. <i>Hydrobiologia</i> , 2010 , 649, 207-216	2.4	13
33	Spatial patterns of seston concentration and biochemical composition between nearshore and offshore waters of a Great Lake. <i>Freshwater Biology</i> , 2007 , 52, 2196-2210	3.1	13

32	Flow cytometry for rapid characterisation of microbial community dynamics in waste stabilisation ponds. <i>Water Research</i> , 2020 , 169, 115243	12.5	13
31	Local nutrient regimes determine site-specific environmental triggers of cyanobacterial and microcystin variability in urban lakes. <i>Hydrology and Earth System Sciences</i> , 2015 , 19, 2179-2195	5.5	12
30	Impact of Hydrodynamic Reconfiguration with Baffles on Treatment Performance in Waste Stabilisation Ponds: A Full-Scale Experiment. <i>Water (Switzerland)</i> , 2018 , 10, 109	3	11
29	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
28	The development and application of improved solids modelling to enable resilient urban sewer networks. <i>Journal of Environmental Management</i> , 2019 , 240, 219-230	7.9	9
27	A Critical Review on Processes and Energy Profile of the Australian Meat Processing Industry. <i>Energies</i> , 2017 , 10, 731	3.1	9
26	Relative impacts of key drivers on the response of the water table to a major alley farming experiment. <i>Hydrology and Earth System Sciences</i> , 2009 , 13, 2095-2104	5.5	8
25	Development of a new risk-based framework to guide investment in water quality monitoring. <i>Environmental Monitoring and Assessment</i> , 2014 , 186, 2455-64	3.1	7
24	Can mussels be used as sentinel organisms for characterization of pollution in urban water systems?. <i>Hydrology and Earth System Sciences</i> , 2016 , 20, 2679-2689	5.5	6
23	Development of Toxicological Risk Assessment Models for Acute and Chronic Exposure to Pollutants. <i>Toxins</i> , 2016 , 8,	4.9	6
22	Seasonal and inter-annual variability of water column properties along the Rottneest continental shelf, south-west Australia. <i>Ocean Science</i> , 2019 , 15, 333-348	4	5
21	Examining shifts in zooplankton community variability following biological invasion. <i>Limnology and Oceanography</i> , 2013 , 58, 399-408	4.8	5
20	Dying to find the source The use of rhodamine WT as a proxy for soluble point source pollutants in closed pipe surface drainage networks. <i>Hydrology and Earth System Sciences</i> , 2009 , 13, 2169-2178	5.5	5
19	Influence of Storm Events on Chlorophyll Distribution Along the Oligotrophic Continental Shelf Off South-Western Australia. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	4
18	Adaptation Tipping Points of a Wetland under a Drying Climate. <i>Water (Switzerland)</i> , 2018 , 10, 234	3	4
17	Development and persistence of deep chlorophyll maxima in oligotrophic lakes over the summer season. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2008 , 30, 409-415		4
16	High-Resolution Bathymetry Mapping of Water Bodies: Development and Implementation. <i>Frontiers in Earth Science</i> , 2019 , 7,	3.5	4
15	Matching Ecosystem Functions with Adaptive Ecosystem Management: Decision Pathways to Overcome Institutional Barriers. <i>Water (Switzerland)</i> , 2018 , 10, 672	3	4

14	Water table response to an experimental alley farming trial: dissecting the spatial and temporal structure of the data 2010 , 20, 1704-20		3
13	Coastal Garbage Patches: Fronts Accumulate Plastic Films at Ashmore Reef Marine Park (Pulau Pasir), Australia. <i>Frontiers in Marine Science</i> , 2021 , 8,	4-5	3
12	SewerSedFoam: A Model for Free Surface Flow, Sediment Transport, and Deposited Bed Morphology in Sewers. <i>Water (Switzerland)</i> , 2020 , 12, 270	3	2
11	7. Global warming, climate patterns and toxic cyanobacteria 2015 , 195-238		2
10	10. Control and management of Harmful Algal Blooms 2015 , 313-358		2
9	Insights drawn from a full-scale Intermittently Decanted Extended Aeration (IDEA) plant for optimising nitrogen and phosphorus removal from municipal wastewater. <i>Science of the Total Environment</i> , 2020 , 744, 140576	10.2	2
8	Pollution from land-based sources 2019 , 106-122		1
7	Response of Zooplankton Size Structure to Multiple Stressors in Urban Lakes. <i>Water (Switzerland)</i> , 2021 , 13, 2305	3	1
6	Integrated approach towards quantifying carbon dioxide and methane release from waste stabilization ponds. <i>Water Research</i> , 2021 , 202, 117389	12.5	0
5	Closing the circle for urban food waste anaerobic digestion: The use of digestate and biochar on plant growth in potting soil. <i>Journal of Cleaner Production</i> , 2022 , 347, 131071	10.3	0
4	Could the presence of larger fractions of non-cyanobacterial species be used as a predictor of microcystin production under variable nutrient regimes?. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 476	3.1	
3	Developing and Validating a Model to Assess Sewer Sediment Issues from Changing Wastewater Inflows and Concentration. <i>Green Energy and Technology</i> , 2019 , 836-841	0.6	
2	Monitoring ocean and estuary health 2019 , 87-105		
1	An investigation into the impacts of water demand management and decentralized water recycling on excess sewer sediment deposition. <i>Journal of Environmental Management</i> , 2021 , 279, 111788	7.9	