

# Anas Ghadouani

## List of Publications by Year in Descending Order

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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	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> , <b>2022</b> , 347, 131071	10.3	0
66	Coastal Garbage Patches: Fronts Accumulate Plastic Films at Ashmore Reef Marine Park (Pulau Pasir), Australia. <i>Frontiers in Marine Science</i> , <b>2021</b> , 8,	4.5	3
65	An investigation into the impacts of water demand management and decentralized water recycling on excess sewer sediment deposition. <i>Journal of Environmental Management</i> , <b>2021</b> , 279, 111788	7.9	
64	Response of Zooplankton Size Structure to Multiple Stressors in Urban Lakes. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 2305	3	1
63	Integrated approach towards quantifying carbon dioxide and methane release from waste stabilization ponds. <i>Water Research</i> , <b>2021</b> , 202, 117389	12.5	0
62	Influence of Storm Events on Chlorophyll Distribution Along the Oligotrophic Continental Shelf Off South-Western Australia. <i>Frontiers in Marine Science</i> , <b>2020</b> , 7,	4.5	4
61	SewerSedFoam: A Model for Free Surface Flow, Sediment Transport, and Deposited Bed Morphology in Sewers. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 270	3	2
60	Flow cytometry for rapid characterisation of microbial community dynamics in waste stabilisation ponds. <i>Water Research</i> , <b>2020</b> , 169, 115243	12.5	13
59	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> , <b>2020</b> , 744, 140576	10.2	2
58	Seasonal and inter-annual variability of water column properties along the Rottneest continental shelf, south-west Australia. <i>Ocean Science</i> , <b>2019</b> , 15, 333-348	4	5
57	The development and application of improved solids modelling to enable resilient urban sewer networks. <i>Journal of Environmental Management</i> , <b>2019</b> , 240, 219-230	7.9	9
56	The small, the big, and the beautiful: Emerging challenges and opportunities for waste stabilization ponds in Australia. <i>Wiley Interdisciplinary Reviews: Water</i> , <b>2019</b> , 6, e1383	5.7	11
55	Developing and Validating a Model to Assess Sewer Sediment Issues from Changing Wastewater Inflows and Concentration. <i>Green Energy and Technology</i> , <b>2019</b> , 836-841	0.6	
54	Pollution from land-based sources <b>2019</b> , 106-122		1
53	Monitoring ocean and estuary health <b>2019</b> , 87-105		
52	High-Resolution Bathymetry Mapping of Water Bodies: Development and Implementation. <i>Frontiers in Earth Science</i> , <b>2019</b> , 7,	3.5	4
51	Impact of Hydrodynamic Reconfiguration with Baffles on Treatment Performance in Waste Stabilisation Ponds: A Full-Scale Experiment. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 109	3	11

50	Adaptation Tipping Points of a Wetland under a Drying Climate. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 234	3	4
49	Matching Ecosystem Functions with Adaptive Ecosystem Management: Decision Pathways to Overcome Institutional Barriers. <i>Water (Switzerland)</i> , <b>2018</b> , 10, 672	3	4
48	A novel single-parameter approach for forecasting algal blooms. <i>Water Research</i> , <b>2017</b> , 108, 222-231	12.5	69
47	Sterols indicate water quality and wastewater treatment efficiency. <i>Water Research</i> , <b>2017</b> , 108, 401-411	12.5	13
46	Sludge accumulation and distribution impact the hydraulic performance in waste stabilisation ponds. <i>Water Research</i> , <b>2017</b> , 110, 354-365	12.5	23
45	A Critical Review on Processes and Energy Profile of the Australian Meat Processing Industry. <i>Energies</i> , <b>2017</b> , 10, 731	3.1	9
44	Halogen Radicals Promote the Photodegradation of Microcystins in Estuarine Systems. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 8505-13	10.3	42
43	Can mussels be used as sentinel organisms for characterization of pollution in urban water systems?. <i>Hydrology and Earth System Sciences</i> , <b>2016</b> , 20, 2679-2689	5.5	6
42	Development of Toxicological Risk Assessment Models for Acute and Chronic Exposure to Pollutants. <i>Toxins</i> , <b>2016</b> , 8,	4.9	6
41	Greenhouse gas emissions from waste stabilisation ponds in Western Australia and Quebec (Canada). <i>Water Research</i> , <b>2016</b> , 101, 64-74	12.5	32
40	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> , <b>2015</b> , 187, 476	3.1	
39	7. Global warming, climate patterns and toxic cyanobacteria <b>2015</b> , 195-238		2
38	10. Control and management of Harmful Algal Blooms <b>2015</b> , 313-358		2
37	Local nutrient regimes determine site-specific environmental triggers of cyanobacterial and microcystin variability in urban lakes. <i>Hydrology and Earth System Sciences</i> , <b>2015</b> , 19, 2179-2195	5.5	12
36	effects of natural flavonoids on photosynthetic activity and cell integrity in <i>Microcystis aeruginosa</i> . <i>Toxins</i> , <b>2015</b> , 7, 66-80	4.9	63
35	The importance of lake sediments as a pathway for microcystin dynamics in shallow eutrophic lakes. <i>Toxins</i> , <b>2015</b> , 7, 900-18	4.9	20
34	Development of a new risk-based framework to guide investment in water quality monitoring. <i>Environmental Monitoring and Assessment</i> , <b>2014</b> , 186, 2455-64	3.1	7
33	Contribution of sediments in the removal of microcystin-LR from water. <i>Toxicon</i> , <b>2014</b> , 83, 84-90	2.8	22

32	The Resilience Architecture Framework: Four organizational archetypes. <i>European Management Journal</i> , <b>2014</b> , 32, 104-116	4.8	126
31	The use of hydrogen peroxide to remove cyanobacteria and microcystins from waste stabilization ponds and hypereutrophic systems. <i>Ecological Engineering</i> , <b>2013</b> , 50, 86-94	3.9	76
30	Spatial analysis of phytoplankton patterns in relation to environmental factors across the southern Taihu basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , <b>2013</b> , 27, 1347-1357	3.5	14
29	Spatial and temporal variability in the relationship between cyanobacterial biomass and microcystins. <i>Environmental Monitoring and Assessment</i> , <b>2013</b> , 185, 6379-95	3.1	35
28	Examining shifts in zooplankton community variability following biological invasion. <i>Limnology and Oceanography</i> , <b>2013</b> , 58, 399-408	4.8	5
27	Cyanobacterial and microcystins dynamics following the application of hydrogen peroxide to waste stabilisation ponds. <i>Hydrology and Earth System Sciences</i> , <b>2013</b> , 17, 2097-2105	5.5	13
26	Effects of the Distribution of a Toxic Microcystis Bloom on the Small Scale Patchiness of Zooplankton. <i>PLoS ONE</i> , <b>2013</b> , 8, e66674	3.7	28
25	Effects of rainfall patterns on toxic cyanobacterial blooms in a changing climate: between simplistic scenarios and complex dynamics. <i>Water Research</i> , <b>2012</b> , 46, 1372-93	12.5	221
24	Acute Toxicological Response of Daphnia and Moina to Hydrogen Peroxide. <i>Journal of Environmental Engineering, ASCE</i> , <b>2012</b> , 138, 607-611	2	27
23	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> , <b>2011</b> , 36, 335-341	3	32
22	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> , <b>2011</b> , 137, 952-960	2	27
21	Modelling hydrological processes influenced by soil, rock and vegetation in a small karst basin of southwest China. <i>Hydrological Processes</i> , <b>2011</b> , 25, 2456-2470	3.3	44
20	Water table response to an experimental alley farming trial: dissecting the spatial and temporal structure of the data <b>2010</b> , 20, 1704-20		3
19	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> , <b>2010</b> , 649, 207-216	2.4	13
18	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> , <b>2009</b> , 13, 2169-2178	5.5	5
17	Giving the consumer the choice: A methodology for Product Ecological Footprint calculation. <i>Ecological Economics</i> , <b>2009</b> , 68, 2525-2534	5.6	48
16	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> , <b>2009</b> , 13, 2095-2104	5.5	8
15	Application of hydrogen peroxide for the removal of toxic cyanobacteria and other phytoplankton from wastewater. <i>Environmental Science &amp; Technology</i> , <b>2008</b> , 42, 8916-21	10.3	113

14	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> , <b>2008</b> , 30, 409-415		4
13	Spatial patterns of seston concentration and biochemical composition between nearshore and offshore waters of a Great Lake. <i>Freshwater Biology</i> , <b>2007</b> , 52, 2196-2210	3.1	13
12	Grazing of two toxic Planktothrix species by Daphnia pulicaria: potential for bloom control and transfer of microcystins. <i>Journal of Plankton Research</i> , <b>2007</b> , 29, 827-838	2.2	52
11	Spatial Heterogeneity Of Planktonic Microorganisms In Aquatic Systems <b>2007</b> , 203-310		23
10	Could increased cyanobacterial biomass following forest harvesting cause a reduction in zooplankton body size structure?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2006</b> , 63, 2308-2317	2.4	34
9	Phytoplankton Distribution in Lake Erie as Assessed by a New in situ Spectrofluorometric Technique. <i>Journal of Great Lakes Research</i> , <b>2005</b> , 31, 154-167	3	51
8	The long-term effect of artificial destratification on phytoplankton species composition in a subtropical reservoir. <i>Freshwater Biology</i> , <b>2005</b> , 50, 1081-1093	3.1	50
7	Effects of Microcystis aeruginosa and purified microcystin-LR on the feeding behavior of Daphnia pulicaria. <i>Limnology and Oceanography</i> , <b>2004</b> , 49, 666-679	4.8	76
6	Changes to zooplankton community structure following colonization of a small lake by Leptodora kindti. <i>Limnology and Oceanography</i> , <b>2004</b> , 49, 1239-1249	4.8	15
5	Effects of experimentally induced cyanobacterial blooms on crustacean zooplankton communities. <i>Freshwater Biology</i> , <b>2003</b> , 48, 363-381	3.1	148
4	Phenotypic plasticity in Daphnia pulicaria as an adaptation to high biomass of colonial and filamentous cyanobacteria: experimental evidence. <i>Journal of Plankton Research</i> , <b>2002</b> , 24, 1047-1056	2.2	19
3	Long-term effects of successive Ca(OH) <sub>2</sub> and CaCO <sub>3</sub> treatments on the water quality of two eutrophic hardwater lakes. <i>Freshwater Biology</i> , <b>2001</b> , 46, 1089-1103	3.1	37
2	Response of plankton communities to whole-lake Ca(OH) <sub>2</sub> and CaCO <sub>3</sub> additions in eutrophic hardwater lakes. <i>Freshwater Biology</i> , <b>2001</b> , 46, 1105-1119	3.1	14
1	Relationships between zooplankton community structure and phytoplankton in two lime-treated eutrophic hardwater lakes. <i>Freshwater Biology</i> , <b>1998</b> , 39, 775-790	3.1	28