

Glenn B Mcgregor

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,461
citations

394421

19
h-index

330143

37
g-index

39
all docs

39
docs citations

39
times ranked

2000
citing authors

#	ARTICLE	IF	CITATIONS
1	Why Should We Care About Temporary Waterways?. <i>Science</i> , 2014, 343, 1080-1081.	12.6	270
2	First evidence for the production of cylindrospermopsin and deoxy-cylindrospermopsin by the freshwater benthic cyanobacterium, <i>Lyngbya wollei</i> (Farlow ex Gomont) Speziale and Dyck. <i>Harmful Algae</i> , 2007, 6, 73-80.	4.8	178
3	Dominance of <i>Cylindrospermopsis raciborskii</i> (Nostocales, Cyanoprokaryota) in Queensland tropical and subtropical reservoirs: Implications for monitoring and management. <i>Lakes and Reservoirs: Research and Management</i> , 2000, 5, 195-205.	0.9	144
4	Identification of a benthic microcystin-producing filamentous cyanobacterium (Oscillatoriales) associated with a dog poisoning in New Zealand. <i>Toxicon</i> , 2010, 55, 897-903.	1.6	88
5	Effect of spatial variation on salinity tolerance of macroinvertebrates in Eastern Australia and implications for ecosystem protection trigger values. <i>Environmental Pollution</i> , 2008, 151, 621-630.	7.5	69
6	Report of the cyanotoxins cylindrospermopsin and deoxy-cylindrospermopsin from <i>Raphidiopsis mediterranea</i> Skuja (Cyanobacteria/Nostocales). <i>Harmful Algae</i> , 2011, 10, 402-410.	4.8	65
7	Phylogeny and toxicology of <i>Lyngbya wollei</i> (Cyanobacteria, Oscillatoriales) from north-eastern Australia, with a description of <i>Microseira</i> gen. nov.. <i>Journal of Phycology</i> , 2015, 51, 109-119.	2.3	52
8	Cyanobacterial composition of microbial mats from an Australian thermal spring: a polyphasic evaluation. <i>FEMS Microbiology Ecology</i> , 2008, 63, 23-35.	2.7	51
9	<i>Iningainema pulvinus</i> gen nov., sp nov. (Cyanobacteria, Scytonemataceae) a new nodularin producer from Edgbaston Reserve, north-eastern Australia. <i>Harmful Algae</i> , 2017, 62, 10-19.	4.8	40
10	Combining monitoring, models and palaeolimnology to assess ecosystem response to environmental change at monthly to millennial timescales: the stability of blue lake, north Stradbroke Island, Australia. <i>Freshwater Biology</i> , 2013, 58, 1614-1630.	2.4	34
11	Investigations into the taxonomy, toxicity and ecology of benthic cyanobacterial accumulations in Myall Lake, Australia. <i>Marine and Freshwater Research</i> , 2005, 56, 45.	1.3	33
12	First Report of a Toxic <i>Nodularia spumigena</i> (Nostocales/ Cyanobacteria) Bloom in Sub-Tropical Australia. I. Phycological and Public Health Investigations. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 2396-2411.	2.6	30
13	MORPHOLOGICAL CHANGES DURING AKINETE GERMINATION IN CYLINDROSPERMOPSIS RACIBORSKII (NOSTOCALES, CYANOBACTERIA). <i>Journal of Phycology</i> , 2004, 40, 1098-1105.	2.3	29
14	Polyphasic identification of cyanobacterial isolates from Australia. <i>Water Research</i> , 2014, 59, 248-261.	11.3	27
15	Development of a southern hemisphere subtropical wetland (Welsby Lagoon, south-east Queensland,) Tj ETQq1 1 0.784314 ggBT /Over	3.0	26
16	Insights into subtropical Australian aridity from Welsby Lagoon, north Stradbroke Island, over the past 80,000 years. <i>Quaternary Science Reviews</i> , 2020, 234, 106262.	3.0	26
17	First Report of a Toxic <i>Nodularia spumigena</i> (Nostocales/ Cyanobacteria) Bloom in Sub-Tropical Australia. II. Bioaccumulation of Nodularin in Isolated Populations of Mullet (Mugilidae). <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 2412-2443.	2.6	24
18	A Risk-Based Ecohydrological Approach to Assessing Environmental Flow Regimes. <i>Environmental Management</i> , 2018, 61, 358-374.	2.7	23

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19	Cryptic diversity within the Scytonema complex: Characterization of the paralytic shellfish toxin producer <i>Heteroscytonema crispum</i> , and the establishment of the family Heteroscytonemataceae (Cyanobacteria/Nostocales). <i>Harmful Algae</i> , 2018, 80, 158-170.	4.8	21
20	STUDIES ON THE DIATOMUROSOLENIAROUND & CRAWFORD (RHIZOSOLENIOPHYCIDAE) PART 1. NEW AND RE-CLASSIFIED SPECIES FROM SUBTROPICAL AND TROPICAL FRESHWATERS. <i>Diatom Research</i> , 2006, 21, 105-124.	1.2	20
21	Spatial and temporal variation in algal-assemblage structure in isolated dryland river waterholes, Cooper Creek and Warrego River, Australia. <i>Marine and Freshwater Research</i> , 2006, 57, 453.	1.3	19
22	Connectivity of fish communities in a tropical floodplain river system and predicted impacts of potential new dams. <i>Science of the Total Environment</i> , 2021, 788, 147785.	8.0	19
23	Occupational and environmental hazard assessments for the isolation, purification and toxicity testing of cyanobacterial toxins. <i>Environmental Health</i> , 2009, 8, 52.	4.0	18
24	A 25,000-year record of environmental change from Welsby Lagoon, North Stradbroke Island, in the Australian subtropics. <i>Quaternary International</i> , 2017, 449, 106-118.	1.5	18
25	Variation in leaf wax n-alkane characteristics with climate in the broad-leaved paperbark (<i>Melaleuca</i>) Tj ETQq1 1 0.784314 rgBT /Overl	1.8	18
26	Freshwater Cyanobacteria of North-Eastern Australia: 2. Chroococcales. <i>Phytotaxa</i> , 2013, 133, 1.	0.3	17
27	Carbon isotope discrimination in leaves of the broad-leaved paperbark tree, <i>Melaleuca quinquenervia</i> , as a tool for quantifying past tropical and subtropical rainfall. <i>Global Change Biology</i> , 2016, 22, 3474-3486.	9.5	15
28	Reduced rainfall drives biomass limitation of long-term fire activity in Australia's subtropical sclerophyll forests. <i>Journal of Biogeography</i> , 2019, 46, 1974-1987.	3.0	14
29	Freshwater Cyanobacteria of North-Eastern Australia: 3. Nostocales. <i>Phytotaxa</i> , 2018, 359, 1.	0.3	12
30	<i>Ewamiania thermalis</i> gen. et sp. nov. (Cyanobacteria, Scytonemataceae), a new cyanobacterium from Talaroo thermal springs, north-eastern Australia. <i>Australian Systematic Botany</i> , 2017, 30, 38.	0.9	12
31	<i>Potamosiphon australiensis</i> gen. nov., sp. nov. (Oscillatoriales), a new filamentous cyanobacterium from subtropical north-eastern Australia. <i>Phytotaxa</i> , 2019, 387, 77-93.	0.3	10
32	True branching and phenotypic plasticity in the planktonic cyanobacterium <i>Dolichospermum brachiatum</i> sp. nov. (Nostocales, Aphanizomenonaceae), from south-eastern Australia. <i>Phytotaxa</i> , 2021, 491, 93-114.	0.3	9
33	<i>Komvophoron kgari</i> sp. nov. (Oscillatoriales), a new epipellic cyanobacterium from subtropical eastern Australia. <i>Phycologia</i> , 2013, 52, 472-480.	1.4	8
34	Fourier transform infrared spectroscopy as a tracer of organic matter sources in lake sediments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 581, 110622.	2.3	8
35	Relationships between algal primary productivity and environmental variables in tropical floodplain wetlands. <i>Inland Waters</i> , 2021, 11, 180-190.	2.2	7
36	Hydrological and Isotopic Variability of Perched Wetlands on North Stradbroke Island (Minjerribah), Australia: Implications for Understanding the Effects of Past and Future Climate Change. <i>Frontiers in Environmental Science</i> , 0, 10, .	3.3	3

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37	Ecology and climate sensitivity of a groundwater-fed lake on subtropical North Stradbroke Island (Minjerribah), Queensland, Australia over the last 7500 years. <i>Journal of Paleolimnology</i> , 2022, 67, 75-93.	1.6	2
38	Aquatic biota in hot water: thermal gradients in rheocrene hot spring discharges as analogues for the effects of climate warming. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2020, , 49.	1.1	2
39	Cyanobacterial diversity and taxonomic uncertainty: polyphasic pathways to improved resolution. , 2022, , 7-45.		0