Ian Hawes

List of Publications by Year
in descending order

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150	4,647	94433	149698
papers	citations	37 h-index	56 g-index

152	152	152	4393
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sexual reproduction of seagrass Zostera muelleri in Aotearoa New Zealand: are we missing a restoration opportunity?. New Zealand Journal of Marine and Freshwater Research, 2023, 57, 447-453.	2.0	2
2	First record of Chaetomorpha ligustica (Cladophoraceae, Cladophorales) smothering the seagrass Zostera muelleri in a New Zealand estuary. New Zealand Journal of Marine and Freshwater Research, 2023, 57, 454-465.	2.0	2
3	Molecular and Pigment Analyses Provide Comparative Results When Reconstructing Historic Cyanobacterial Abundances from Lake Sediment Cores. Microorganisms, 2022, 10, 279.	3.6	11
4	Morphological diversity of benthic cyanobacterial assemblages in meltwater ponds along environmental gradients in the McMurdo Sound region, Antarctica. Anais Da Academia Brasileira De Ciencias, 2022, 94, e20210814.	0.8	0
5	A Microencapsulation Method for Delivering Tetrodotoxin to Bivalves to Investigate Uptake and Accumulation. Marine Drugs, 2021, 19, 33.	4.6	7
6	Towards an Environmental Classification of Lentic Aquatic Ecosystems in the McMurdo Dry Valleys, Antarctica. Environmental Management, 2021, 67, 600-622.	2.7	1
7	Importance of environmental factors over habitat connectivity in shaping bacterial communities in microbial mats and bacterioplankton in an Antarctic freshwater system. FEMS Microbiology Ecology, 2021, 97, .	2.7	13
8	Metabolic Capacity of the Antarctic Cyanobacterium Phormidium pseudopriestleyi That Sustains Oxygenic Photosynthesis in the Presence of Hydrogen Sulfide. Genes, 2021, 12, 426.	2.4	12
9	The use of radar and optical satellite imagery combined with advanced machine learning and metaheuristic optimization techniques to detect and quantify above ground biomass of intertidal seagrass in a New Zealand estuary. International Journal of Remote Sensing, 2021, 42, 4712-4738.	2.9	23
10	16S rRNA gene and 18S rRNA gene diversity in microbial mat communities in meltwater ponds on the McMurdo Ice Shelf, Antarctica. Polar Biology, 2021, 44, 823-836.	1.2	16
11	Detecting Multi-Decadal Changes in Seagrass Cover in Tauranga Harbour, New Zealand, Using Landsat Imagery and Boosting Ensemble Classification Techniques. ISPRS International Journal of Geo-Information, 2021, 10, 371.	2.9	18
12	Upwelling Irradiance below Sea Iceâ€"PAR Intensities and Spectral Distributions. Journal of Marine Science and Engineering, 2021, 9, 830.	2.6	4
13	Photobiological Effects on Ice Algae of a Rapid Whole-Fjord Loss of Snow Cover during Spring Growth in Kangerlussuaq, a West Greenland Fjord. Journal of Marine Science and Engineering, 2021, 9, 814.	2.6	4
14	Variability in microcystin quotas during a Microcystis bloom in a eutrophic lake. PLoS ONE, 2021, 16, e0254967.	2.5	7
15	Fine sediment effects on seagrasses: A global review, quantitative synthesis and multi-stressor model. Marine Environmental Research, 2021, 171, 105480.	2.5	5
16	Interaction of substrate muddiness and low irradiance on seagrass: A mesocosm study of Zostera muelleri. Aquatic Botany, 2021, 175, 103435.	1.6	5
17	Antarctic ecosystems in transition â€“ life between stresses and opportunities. Biological Reviews, 2021, 96, 798-821.	10.4	53
18	Geochemically Defined Space-for-Time Transects Successfully Capture Microbial Dynamics Along Lacustrine Chronosequences in a Polar Desert. Frontiers in Microbiology, 2021, 12, 783767.	3.5	5

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19	Reach- and mat-scale differences in Microcoleus autumnalis (cyanobacterium) accrual along velocity and nitrate gradients in three New Zealand rivers. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 401-412.	1.4	5
20	Energetic and Environmental Constraints on the Community Structure of Benthic Microbial Mats in Lake Fryxell, Antarctica. FEMS Microbiology Ecology, 2020, 96, .	2.7	13
21	Seasonal and Spatial Variations in Bacterial Communities From Tetrodotoxin-Bearing and Non-tetrodotoxin-Bearing Clams. Frontiers in Microbiology, 2020, 11, 1860.	3.5	8
22	Effects of Fine Sediment on Seagrass Meadows: A Case Study of Zostera muelleri in PÄuatahanui Inlet, New Zealand. Journal of Marine Science and Engineering, 2020, 8, 645.	2.6	12
23	Microbial Diversity of Pinnacle and Conical Microbial Mats in the Perennially Ice-Covered Lake Untersee, East Antarctica. Frontiers in Microbiology, 2020, 11, 607251.	3.5	10
24	A phylogenetically novel cyanobacterium most closely related to Gloeobacter. ISME Journal, 2020, 14, 2142-2152.	9.8	45
25	Characteristics, Main Impacts, and Stewardship of Natural and Artificial Freshwater Environments: Consequences for Biodiversity Conservation. Water (Switzerland), 2020, 12, 260.	2.7	117
26	A Comparative Assessment of Ensemble-Based Machine Learning and Maximum Likelihood Methods for Mapping Seagrass Using Sentinel-2 Imagery in Tauranga Harbor, New Zealand. Remote Sensing, 2020, 12, 355.	4.0	60
27	Environmental drivers that influence microalgal species in meltwater pools on the McMurdo Ice Shelf, Antarctica. Polar Biology, 2020, 43, 467-482.	1.2	6
28	Environmental control on the distribution of metabolic strategies of benthic microbial mats in Lake Fryxell, Antarctica. PLoS ONE, 2020, 15, e0231053.	2.5	13
29	In a PICL: The sedimentary deposits and facies of perennially iceâ€covered lakes. Sedimentology, 2019, 66, 917-939.	3.1	7
30	Environmental controls on bacteriohopanepolyol profiles of benthic microbial mats from Lake Fryxell, Antarctica. Geobiology, 2019, 17, 551-563.	2.4	7
31	Exploring Spatial Heterogeneity of Antarctic Sea Ice Algae Using an Autonomous Underwater Vehicle Mounted Irradiance Sensor. Frontiers in Earth Science, 2019, 7, .	1.8	10
32	Tetrodotoxin in marine bivalves and edible gastropods: A mini-review. Chemosphere, 2019, 236, 124404.	8.2	58
33	In Situ Collection and Preservation of Intact Microcystis Colonies to Assess Population Diversity and Microcystin Quotas. Toxins, 2019, 11, 435.	3.4	2
34	Unmanned Aerial Vehicles (UAVs) for Monitoring Macroalgal Biodiversity: Comparison of RGB and Multispectral Imaging Sensors for Biodiversity Assessments. Remote Sensing, 2019, 11, 2332.	4.0	32
35	Bacteriohopanepolyols across environmental gradients in Lake Vanda, Antarctica. Geobiology, 2019, 17, 308-319.	2.4	8
36	Complex Structure but Simple Function in Microbial Mats from Antarctic Lakes. Advances in Environmental Microbiology, 2019, , 91-120.	0.3	8

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37	Spatial variability and depuration of tetrodotoxin in the bivalve Paphies australis from New Zealand. Toxicon: X, 2019, 2, 100008.	2.9	18
38	A low-cost remotely operated vehicle (ROV) with an optical positioning system for under-ice measurements and sampling. Cold Regions Science and Technology, 2018, 151, 148-155.	3.5	30
39	100 years on: a re-evaluation of the first discovery of microfauna from Ross Island, Antarctica. Antarctic Science, 2018, 30, 209-219.	0.9	9
40	The â€œDirty Iceâ€•of the McMurdo Ice Shelf: Analogues for biological oases during the Cryogenian. Geobiology, 2018, 16, 369-377.	2.4	21
41	Spatiotemporal dynamics of Phormidium cover and anatoxin concentrations in eight New Zealand rivers with contrasting nutrient and flow regimes. Science of the Total Environment, 2018, 612, 71-80.	8.0	27
42	Stromatolite records of environmental change in perennially ice-covered Lake Joyce, McMurdo Dry Valleys, Antarctica. Biogeochemistry, 2018, 137, 73-92.	3.5	31
43	The thermal structure of the anoxic trough in Lake Untersee, Antarctica. Antarctic Science, 2018, 30, 333-344.	0.9	3
44	Distribution of Tetrodotoxin in the New Zealand Clam, Paphies australis, Established Using Immunohistochemistry and Liquid Chromatography-Tandem Quadrupole Mass Spectrometry. Toxins, 2018, 10, 282.	3.4	16
45	Summer meltwater and spring sea ice primary production, light climate and nutrients in an Arctic estuary, Kangerlussuaq, west Greenland. Arctic, Antarctic, and Alpine Research, 2018, 50, .	1.1	20
46	The effects of velocity and nitrate on Phormidium accrual cycles: a stream mesocosm experiment. Freshwater Science, 2018, 37, 496-509.	1.8	8
47	Is colonization of sea ice by diatoms facilitated by increased surface roughness in growing ice crystals?. Polar Biology, 2017, 40, 593-602.	1.2	17
48	Effect of river flow, temperature, and water chemistry on proliferations of the benthic anatoxin-producing cyanobacterium Phormidium. Freshwater Science, 2017, 36, 63-76.	1.8	37
49	Integration of chlorophyll a fluorescence and photorespirometry techniques to understand production dynamics in macroaglal communities. Journal of Phycology, 2017, 53, 476-485.	2.3	13
50	Increased mud deposition reduces stromatolite complexity. Geology, 2017, 45, 663-666.	4.4	13
51	Using Captain Scott's Discovery specimens to unlock the past: has Antarctic cyanobacterial diversity changed over the last 100 years?. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170833.	2.6	13
52	Characterisation of a deep-water moss from the perennially ice-covered Lake Vanda, Antarctica. Polar Biology, 2017, 40, 2063-2076.	1.2	7
53	Morphological signatures of microbial activity across sediment and light microenvironments of Lake Vanda, Antarctica. Sedimentary Geology, 2017, 361, 82-92.	2.1	13
54	Contrasting cyanobacterial communities and microcystin concentrations in summers with extreme weather events: insights into potential effects of climate change. Hydrobiologia, 2017, 785, 71-89.	2.0	64

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55	Microbial Communities and Their Predicted Metabolic Functions in Growth Laminae of a Unique Large Conical Mat from Lake Untersee, East Antarctica. Frontiers in Microbiology, 2017, 8, 1347.	3.5	51
56	Fine-Scale Sea Ice Structure Characterized Using Underwater Acoustic Methods. Remote Sensing, 2016, 8, 821.	4.0	9
57	Growth of elaborate microbial pinnacles in Lake Vanda, Antarctica. Geobiology, 2016, 14, 556-574.	2.4	33
58	Intracellular, environmental and biotic interactions influence recruitment of benthicMicrocystis(Cyanophyceae) in a shallow eutrophic lake. Journal of Plankton Research, 2016, 38, 1289-1301.	1.8	11
59	Lake Vanda: A sentinel for climate change in the McMurdo Sound Region of Antarctica. Global and Planetary Change, 2016, 144, 213-227.	3.5	38
60	Fineâ€scale cryogenic sampling of planktonic microbial communities: Application to toxic cyanobacterial blooms. Limnology and Oceanography: Methods, 2016, 14, 600-609.	2.0	12
61	The rise of toxic benthic Phormidium proliferations: A review of their taxonomy, distribution, toxin content and factors regulating prevalence and increased severity. Harmful Algae, 2016, 55, 282-294.	4.8	94
62	Growth dynamics of a laminated microbial mat in response to variable irradiance in an Antarctic lake. Freshwater Biology, 2016, 61, 396-410.	2.4	17
63	Microbial Mat Communities along an Oxygen Gradient in a Perennially Ice-Covered Antarctic Lake. Applied and Environmental Microbiology, 2016, 82, 620-630.	3.1	69
64	Growth of modern branched columnar stromatolites in Lake Joyce, Antarctica. Geobiology, 2015, 13, 373-390.	2.4	29
65	In situ metabolism in halite endolithic microbial communities of the hyperarid Atacama Desert. Frontiers in Microbiology, 2015, 6, 1035.	3.5	50
66	Cyanobacterial diversity in benthic mats of the McMurdo Dry Valley lakes, Antarctica. Polar Biology, 2015, 38, 1097-1110.	1.2	52
67	Antarctic microbial mats: A modern analog for Archean lacustrine oxygen oases. Geology, 2015, 43, 887-890.	4.4	55
68	The effects of entombment on water chemistry and bacterial assemblages in closed cryoconite holes on Antarctic glaciers. FEMS Microbiology Ecology, 2015, 91, fiv144.	2.7	35
69	Entrapped Sediments as a Source of Phosphorus in Epilithic Cyanobacterial Proliferations in Low Nutrient Rivers. PLoS ONE, 2015, 10, e0141063.	2.5	63
70	Shining Light on Benthic Macroalgae: Mechanisms of Complementarity in Layered Macroalgal Assemblages. PLoS ONE, 2014, 9, e114146.	2.5	35
71	Decadal timescale variability in ecosystem properties in the ponds of the McMurdo Ice Shelf, southern Victoria Land, Antarctica. Antarctic Science, 2014, 26, 219-230.	0.9	14
72	Removal of snow cover inhibits spring growth of Arctic ice algae through physiological and behavioral effects. Polar Biology, 2014, 37, 471-481.	1.2	37

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73	Estimating photosynthetic activity in microbial mats in an iceâ€covered Antarctic lake using automated oxygen microelectrode profiling and variable chlorophyll fluorescence. Limnology and Oceanography, 2014, 59, 674-688.	3.1	25
74	Diacyclops (Copepoda: Cyclopoida) in Continental Antarctica, including three new species. Antarctic Science, 2014, 26, 250-260.	0.9	12
75	Salt deliquescence drives photosynthesis in the hyperarid <scp>A</scp>tacama <scp>D</scp>esert. Environmental Microbiology Reports, 2013, 5, 583-587.	2.4	63
76	Characterisation of Antarctic cyanobacteria and comparison with New Zealand strains. Hydrobiologia, 2013, 711, 139-154.	2.0	21
77	Nitrogen and carbon limitation of planktonic primary production and phytoplanktonâ€"bacterioplankton coupling in ponds on the McMurdo Ice Shelf, Antarctica. Environmental Research Letters, 2013, 8, 035043.	5.2	13
78	Timescales of Growth Response of Microbial Mats to Environmental Change in an Ice-Covered Antarctic Lake. Biology, 2013, 2, 151-176.	2.8	32
79	Summerâ€"winter transitions in Antarctic ponds: III. Chemical changes. Antarctic Science, 2012, 24, 121-130.	0.9	6
80	Microbial population responses in three stratified Antarctic meltwater ponds during the autumn freeze. Antarctic Science, 2012, 24, 571-588.	0.9	11
81	Photobiology of sea ice algae during initial spring growth in Kangerlussuaq, West Greenland: insights from imaging variable chlorophyll fluorescence of ice cores. Photosynthesis Research, 2012, 112, 103-115.	2.9	29
82	The Pyramid Trough Wetland: environmental and biological diversity in a newly created Antarctic protected area. FEMS Microbiology Ecology, 2012, 82, 356-366.	2.7	30
83	Summerâ€"winter transitions in Antarctic ponds I: The physical environment. Antarctic Science, 2011, 23, 235-242.	0.9	20
84	Summer-winter transitions in Antarctic ponds II: Biological responses. Antarctic Science, 2011, 23, 243-254.	0.9	13
85	Discovery of large conical stromatolites in Lake Untersee, Antarctica. Geobiology, 2011, 9, 280-293.	2.4	97
86	Legacies of recent environmental change in the benthic communities of Lake Joyce, a perennially ice-covered Antarctic lake. Geobiology, 2011, 9, 394-410.	2.4	31
87	The Status of Silverlip Pearl OysterPinctada maxima(Jameson) (Mollusca, Pteridae) in the Solomon Islands After A 15-Year Export Ban. Journal of Shellfish Research, 2011, 30, 255-260.	0.9	7
88	Saline lakes and ponds in the McMurdo Dry Valleys: ecological analogs to martian paleolake environments. , 2010, , 160-194.		8
89	The biogeochemistry of meltwater habitats in the Darwin Glacier region (80Â°S), Victoria Land, Antarctica. Antarctic Science, 2010, 22, 646-661.	0.9	27
90	Convective gas flow development and the maximum depths achieved by helophyte vegetation in lakes. Annals of Botany, 2010, 105, 165-174.	2.9	32

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91	Photosynthetic isotope biosignatures in laminated micro-stromatolitic and non-laminated nodules associated with modern, freshwater microbialites in Pavilion Lake, B.C.. Chemical Geology, 2010, 274, 56-67.	3.3	48
92	The environmental basis of ecosystem variability in Antarctica: research in the Latitudinal Gradient Project. Antarctic Science, 2010, 22, 591-602.	0.9	26
93	Annual growth layers as proxies of past growth conditions for benthic microbial mats in a perennially ice-covered Antarctic lake. FEMS Microbiology Ecology, 2009, 67, 279-292.	2.7	27
94	Reply to comment by K. Gajewski on â€œAbrupt environmental change in Canada's northernmost lakeâ€• Geophysical Research Letters, 2008, 35, .	4.0	0
95	Ice-based freshwater ecosystems. , 2008, , 103-118.		16
96	Benthic primary production in polar lakes and rivers. , 2008, , 179-196.		48
97	Ecological processes in Antarctic inland waters: interactions between physical processes and the nitrogen cycle. Antarctic Science, 2007, 19, 205-217.	0.9	32
98	Abrupt environmental change in Canadaâ€™s northernmost lake inferred from fossil diatom and pigment stratigraphy. Geophysical Research Letters, 2007, 34, .	4.0	38
99	Growth and reproductive phenology of the kelpLessonia variegatain central New Zealand. New Zealand Journal of Marine and Freshwater Research, 2006, 40, 273-284.	2.0	6
100	Broad-scale factors influencing the biodiversity of coastal benthic communities of the Ross Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2006, 53, 959-971.	1.4	78
101	PChemistry and stratification of Antarctic meltwater ponds I: Coastal ponds near Bratina Island, McMurdo Ice Shelf. Antarctic Science, 2006, 18, 515-524.	0.9	36
102	Photosynthetic performance of benthic microbial mats in Lake Hoare, Antarctica. Limnology and Oceanography, 2006, 51, 1801-1812.	3.1	60
103	Reduction of UV-B radiation causes an enhancement of photoinhibition in high light stressed aquatic plants from New Zealand lakes. Journal of Photochemistry and Photobiology B: Biology, 2006, 84, 89-102.	3.8	55
104	Environmental Factors Associated with Deep Chlorophyll Maxima in Dry Valley Lakes, South Victoria Land, Antarctica. Arctic, Antarctic, and Alpine Research, 2006, 38, 179-189.	1.1	16
105	Modelling the contribution of benthic microbial mats to net primary production in Lake Hoare, McMurdo Dry Valleys. Antarctic Science, 2005, 17, 33-45.	0.9	31
106	Diversity within cyanobacterial mat communities in variable salinity meltwater ponds of McMurdo Ice Shelf, Antarctica. Environmental Microbiology, 2005, 7, 519-529.	3.8	252
107	Effects of invasive macrophytes on littoral-zone productivity and foodweb dynamics in a New Zealand high-country lake. Journal of the North American Benthological Society, 2005, 24, 300-320.	3.1	73
108	Ecological role of Phyllophora antarctica drift accumulations in coastal soft-sediment communities of McMurdo Sound, Antarctica. Polar Biology, 2004, 27, 482.	1.2	32

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109	Relationships between spectral optical properties and optically active substances in a clear oligotrophic lake. Water Resources Research, 2004, 40, .	4.2	33
110	Macroalgal photosynthesis near the southern global limit for growth; Cape Evans, Ross Sea, Antarctica. Polar Biology, 2003, 26, 789-799.	1.2	42
111	Effect of wave exposure on vegetation abundance, richness and depth distribution of shallow water plants in a New Zealand lake. Freshwater Biology, 2003, 48, 75-87.	2.4	58
112	The use of pulse amplitude modulated fluorometry to determine fine-scale temporal and spatial variation of in situ photosynthetic activity within an Isoetes-dominated canopy. Aquatic Botany, 2003, 77, 1-15.	1.6	18
113	Species-specific depth zonation in New Zealand charophytes as a function of light availability. Aquatic Botany, 2002, 72, 209-217.	1.6	49
114	Relationships between water level fluctuations and vegetation diversity in shallow water of New Zealand lakes. Aquatic Botany, 2002, 74, 133-148.	1.6	165
115	Differential UVBâ€sensitivities of five New Zealand freshwater zooplankton species. New Zealand Journal of Marine and Freshwater Research, 2001, 35, 635-645.	2.0	7
116	Benthic primary production in two perennially ice-covered Antarctic lakes: patterns of biomass accumulation with a model of community metabolism. Antarctic Science, 2001, 13, 18-27.	0.9	40
117	Estimates of sulphate reduction rates in Lake Vanda, Antarctica support the proposed recent history of the lake. Antarctic Science, 2001, 13, 393-399.	0.9	14
118	Sensitivity of freshwater macrophytes to UV radiation: relationship to depth zonation in an oligotrophic New Zealand lake. Marine and Freshwater Research, 2001, 52, 1023.	1.3	18
119	N2-Fixation in Cyanobacterial Mats from Ponds on the McMurdo Ice Shelf, Antarctica. Microbial Ecology, 2001, 42, 338-349.	2.8	58
120	Penetration of solar ultraviolet radiation into New Zealand lakes: influence of dissolved organic carbon and catchment vegetation. Limnology, 2001, 2, 79-89.	1.5	37
121	Inter-specific differences in photosynthetic carbon uptake, photosynthate partitioning and extracellular organic carbon release by deep-water characean algae. Freshwater Biology, 2001, 46, 453-464.	2.4	15
122	ABSORPTION AND UTILIZATION OF IRRADIANCE BY CYANOBACTERIAL MATS IN TWO ICE-COVERED ANTARCTIC LAKES WITH CONTRASTING LIGHT CLIMATES. Journal of Phycology, 2001, 37, 5.	2.3	76
123	Removal of settled sediments and periphyton from macrophytes by grazing invertebrates in the littoral zone of a large oligotrophic lake. Freshwater Biology, 2000, 44, 311-326.	2.4	47
124	Carbon flow in the littoral food web of an oligotrophic lake. Hydrobiologia, 2000, 441, 93-106.	2.0	61
125	PHOTOSYNTHESIS IN AN EXTREME SHADE ENVIRONMENT: BENTHIC MICROBIAL MATS FROM LAKE HOARE, A PERMANENTLY ICE-COVERED ANTARCTIC LAKE. Journal of Phycology, 1999, 35, 448-459.	2.3	86
126	Mechanisms Underlying the Decline and Recovery of a Characean Community in Fluctuating Light in a Large Oligotrophic Lake. Australian Journal of Botany, 1999, 47, 325.	0.6	26

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127	Predicting rates of primary production in the vicinity of the Subtropical Convergence east of New Zealand. New Zealand Journal of Marine and Freshwater Research, 1999, 33, 443-455.	2.0	18
128	External forcing by wind and turbid inflows on a deep glacial lake and implications for primary production. New Zealand Journal of Marine and Freshwater Research, 1999, 33, 311-331.	2.0	17
129	Photosynthetic parameters in water masses in the vicinity of the Chatham rise, south pacific ocean, during late summer. New Zealand Journal of Marine and Freshwater Research, 1997, 31, 25-38.	2.0	12
130	Effects of changing water clarity on characean biomass and species composition in a large oligotrophic lake. Aquatic Botany, 1997, 56, 169-181.	1.6	50
131	Underwater light profiles in some New Zealand lakes: A comparison of logâ€linear and Weibull models. New Zealand Journal of Marine and Freshwater Research, 1996, 30, 477-484.	2.0	4
132	Evidence for regional climate change in the recent evolution of a high latitude pro-glacial lake. Antarctic Science, 1996, 8, 49-59.	0.9	36
133	Epiphytes from a deep-water characean meadow in an oligotrophic New Zealand lake: species composition, biomass and photosynthesis. Freshwater Biology, 1996, 36, 297-313.	2.4	26
134	EFFECT OF CURRENT VELOCITY ON THE DETACHMENT OF THALLI OF ULVA LACTUCA (CHLOROPHYTA) IN A NEW ZEALAND ESTUARY1. Journal of Phycology, 1995, 31, 875-880.	2.3	33
135	Seasonal dynamics of epilithic periphyton in oligotrophic Lake Taupo, New Zealand. New Zealand Journal of Marine and Freshwater Research, 1994, 28, 1-12.	2.0	32
136	Influence of environmental factors on the growth in culture of a New Zealand strain of the fast-spreading algaHydrodictyon reticulatum (water-net). Journal of Applied Phycology, 1993, 5, 437-445.	2.8	13
137	Effect of localised nutrient enrichment on the shallow epilithic periphyton of oligotrophic Lake Taupo, New Zealand. New Zealand Journal of Marine and Freshwater Research, 1993, 27, 365-372.	2.0	34
138	Desiccation and recovery of antarctic cyanobacterial mats. Polar Biology, 1992, 12, 587.	1.2	114
139	Invasion of water net,Hydrodictyon reticulatum: The surprising success of an aquatic plant new to our flora. New Zealand Journal of Marine and Freshwater Research, 1991, 25, 227-229.	2.0	12
140	Freshwater stream ecosystems of James Ross Island, Antarctica. Antarctic Science, 1991, 3, 265-271.	0.9	46
141	Photosynthate partitioning in Antarctic freshwater phytoplankton: in situ incubations. Freshwater Biology, 1990, 24, 193-200.	2.4	9
142	The effects of light and temperature on photosynthate partitioning in Antarctic freshwater phytoplankton. Journal of Plankton Research, 1990, 12, 513-518.	1.8	24
143	Effects of freezing and thawing on a species of Zygnema (Chlorophyta) from the Antarctic. Phycologia, 1990, 29, 326-331.	1.4	83
144	Filamentous green algae in freshwater streams on Signy Island, Antarctica. Hydrobiologia, 1989, 172, 1-18.	2.0	52

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145	The seasonal dynamics of Spirogyra in a shallow, maritime Antarctic lake. Polar Biology, 1988, 8, 429-437.	1.2	14
146	Light climate and phytoplankton photosynthesis in maritime Antarctic lakes. Hydrobiologia, 1985, 123, 69-79.	2.0	39
147	Nutrients and their effects on phytoplankton populations in lakes on Signy Island, Antarctica. Polar Biology, 1983, 2, 115-126.	1.2	55
148	Primary Production Processes in Streams of the Mcmurdo Dry Valleys, Antarctica. Antarctic Research Series, 0, , 129-140.	0.2	14
149	Optical Properties of the Mcmurdo Dry Valley Lakes, Antarctica. Antarctic Research Series, 0, , 189-203.	0.2	31
150	Lipid Biomarkers From Microbial Mats on the McMurdo Ice Shelf, Antarctica: Signatures for Life in the Cryosphere. Frontiers in Microbiology, 0, 13, .	3.5	2