

# Andrew McMinn

## List of Publications by Year in descending order

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215  
papers

6,352  
citations

66343

42  
h-index

114465

63  
g-index

229  
all docs

229  
docs citations

229  
times ranked

5701  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Deep-Sea Picoeukaryotic Composition Estimated from the V4 and V9 Regions of 18S rRNA Gene with a Focus on the Hadal Zone of the Mariana Trench. <i>Microbial Ecology</i> , 2022, 83, 34-47.	2.8	5
2	Distributions of virio- and picoplankton and their relationships with ice-melting and upwelling in the Indian Ocean sector of East Antarctica. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2022, , 105044.	1.4	3
3	Short note: extracellular export and consumption of glucose in Antarctic sea ice. <i>Polar Biology</i> , 2022, 45, 763-768.	1.2	1
4	Characterization and Genomic Analysis of the First Podophage Infecting <i>Shewanella</i> , Representing a Novel Viral Cluster. <i>Frontiers in Microbiology</i> , 2022, 13, 853973.	3.5	3
5	Biogeography of culturable marine bacteria from both poles reveals that "everything is not everywhere"™ at the genomic level. <i>Environmental Microbiology</i> , 2022, 24, 98-109.	3.8	5
6	Bacterial Utilisation of Aliphatic Organics: Is the Dwarf Planet Ceres Habitable?. <i>Life</i> , 2022, 12, 821.	2.4	1
7	Characterization and Genomic Analysis of ssDNA Vibriophage vB_VpaM_PG19 within <i>Microviridae</i> , Representing a Novel Viral Genus. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	7
8	Experimental evidence for long-term coexistence of copiotrophic and oligotrophic bacteria in pelagic surface seawater. <i>Environmental Microbiology</i> , 2021, 23, 1162-1173.	3.8	7
9	Planktonic microbial eukaryotes in polar surface waters: recent advances in high-throughput sequencing. <i>Marine Life Science and Technology</i> , 2021, 3, 94-102.	4.6	30
10	Low Fe Availability for Photosynthesis of Sea-Ice Algae: Ex situ Incubation of the Ice Diatom <i>Fragilariopsis cylindrus</i> in Low-Fe Sea Ice Using an Ice Tank. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	4
11	Characterization and genome analysis of phage AL infecting <i>Pseudoalteromonas marina</i> . <i>Virus Research</i> , 2021, 295, 198265.	2.2	2
12	Rapid changes in spectral composition after darkness influences nitric oxide, glucose and hydrogen peroxide production in the Antarctic diatom <i>Fragilariopsis cylindrus</i> . <i>Polar Biology</i> , 2021, 44, 1289-1303.	1.2	2
13	Mechanistic Insights into Substrate Recognition and Catalysis of a New Ulvan Lyase of Polysaccharide Lyase Family 24. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0041221.	3.1	9
14	Lack of N-terminal segment of the flagellin protein results in the production of a shortened polar flagellum in a deep-sea sedimentary bacterium <i>Pseudoalteromonas</i> sp. SM9913. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0152721.	3.1	2
15	Characterization and Genomic Analysis of Marinobacter Phage vB_MaIS-PS3, Representing a New Lambda-Like Temperate Siphoviral Genus Infecting Algae-Associated Bacteria. <i>Frontiers in Microbiology</i> , 2021, 12, 726074.	3.5	7
16	Effect of East Asian atmospheric particulate matter deposition on bacterial activity and community structure in the oligotrophic Northwest Pacific. <i>Environmental Pollution</i> , 2021, 283, 117088.	7.5	4
17	Characterization and genomic analysis of the first <i>Oceanospirillum</i> phage, vB_OliS_GJ44, representing a novel siphoviral cluster. <i>BMC Genomics</i> , 2021, 22, 675.	2.8	7
18	Viral Characteristics of the Warm Atlantic and Cold Arctic Water Masses in the Nordic Seas. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0116021.	3.1	12

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19	Tolerance of tropical marine microphytobenthos exposed to elevated irradiance and temperature. <i>Biogeosciences</i> , 2021, 18, 5313-5326.	3.3	0
20	Biogeographic traits of dimethyl sulfide and dimethylsulfoniopropionate cycling in polar oceans. <i>Microbiome</i> , 2021, 9, 207.	11.1	18
21	Genome and Ecology of a Novel <i>Alteromonas</i> Podovirus, ZP6, Representing a New Viral Genus, <i>Mareflavirus</i> . <i>Microbiology Spectrum</i> , 2021, 9, e0046321.	3.0	13
22	Saline lakes on the Qinghai-Tibet Plateau harbor unique viral assemblages mediating microbial environmental adaptation. <i>IScience</i> , 2021, 24, 103439.	4.1	13
23	Significant Bacterial Distance-Decay Relationship in Continuous, Well-Connected Southern Ocean Surface Water. <i>Microbial Ecology</i> , 2020, 80, 73-80.	2.8	11
24	Genome Analysis of Two Novel <i>Synechococcus</i> Phages That Lack Common Auxiliary Metabolic Genes: Possible Reasons and Ecological Insights by Comparative Analysis of Cyanomyoviruses. <i>Viruses</i> , 2020, 12, 800.	3.3	9
25	Genomic analysis of <i>Synechococcus</i> phage S-B43 and its adaptation to the coastal environment. <i>Virus Research</i> , 2020, 289, 198155.	2.2	5
26	Differences in diversity and photoprotection capability between ice algae and under-ice phytoplankton in Saroma-Ko Lagoon, Japan: a comparative taxonomic diatom analysis with microscopy and DNA barcoding. <i>Polar Biology</i> , 2020, 43, 1873-1885.	1.2	6
27	A re-investigation of lake sediment diatoms from the Vestfold Hills, Antarctica, using an updated, fine-grained taxonomy. <i>Diatom Research</i> , 2020, 35, 231-254.	1.2	2
28	Rapid Manipulation in Irradiance Induces Oxidative Free-Radical Release in a Fast-Ice Algal Community (McMurdo Sound, Antarctica). <i>Frontiers in Plant Science</i> , 2020, 11, 588005.	3.6	4
29	Insights into the Production and Role of Nitric Oxide in the Antarctic Sea-ice Diatom <i>Fragilariopsis cylindrus</i> . <i>Journal of Phycology</i> , 2020, 56, 1196-1207.	2.3	10
30	Decreased motility of flagellated microalgae long-term acclimated to CO <sub>2</sub> -induced acidified waters. <i>Nature Climate Change</i> , 2020, 10, 561-567.	18.8	20
31	Freezing, Melting, and Light Stress on the Photophysiology of Ice Algae: Ex Situ Incubation of the Ice Algal diatom <i>Fragilariopsis cylindrus</i> (Bacillariophyceae) Using an Ice Tank. <i>Journal of Phycology</i> , 2020, 56, 1323-1338.	2.3	11
32	Minireview: The role of viruses in marine photosynthetic biofilms. <i>Marine Life Science and Technology</i> , 2020, 2, 203-208.	4.6	7
33	Effects of ocean acidification on Antarctic marine organisms: A meta-analysis. <i>Ecology and Evolution</i> , 2020, 10, 4495-4514.	1.9	39
34	Ice Melting Can Change <i>DMSP</i> Production and Photosynthetic Activity of the Haptophyte <i>Phaeocystis antarctica</i> . <i>Journal of Phycology</i> , 2020, 56, 761-774.	2.3	9
35	Characterization and Genome Analysis of a Novel Marine <i>Alteromonas</i> Phage P24. <i>Current Microbiology</i> , 2020, 77, 2813-2820.	2.2	21
36	Diversity, Abundance, Spatial Variation, and Human Impacts in Marine Meiobenthic Nematode and Copepod Communities at Casey Station, East Antarctica. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	15

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37	A predator-prey interaction between a marine <i>Pseudoalteromonas</i> sp. and Gram-positive bacteria. <i>Nature Communications</i> , 2020, 11, 285.	12.8	59
38	Isolation and complete genome sequence of a novel cyanophage, S-B05, infecting an estuarine <i>Synechococcus</i> strain: insights into environmental adaptation. <i>Archives of Virology</i> , 2020, 165, 1397-1407.	2.1	8
39	The Southern Annular Mode (SAM) influences phytoplankton communities in the seasonal ice zone of the Southern Ocean. <i>Biogeosciences</i> , 2020, 17, 3815-3835.	3.3	6
40	Characterization and Genome Analysis of a Novel <i>Alteromonas</i> Phage JH01 Isolated from the Qingdao Coast of China. <i>Current Microbiology</i> , 2019, 76, 1256-1263.	2.2	21
41	Complete genomic sequence of bacteriophage P23: a novel <i>Vibrio</i> phage isolated from the Yellow Sea, China. <i>Virus Genes</i> , 2019, 55, 834-842.	1.6	15
42	Using picoeukaryote communities to indicate the spatial heterogeneity of the Nordic Seas. <i>Ecological Indicators</i> , 2019, 107, 105582.	6.3	12
43	Reconstruction of the Functional Ecosystem in the High Light, Low Temperature Union Glacier Region, Antarctica. <i>Frontiers in Microbiology</i> , 2019, 10, 2408.	3.5	19
44	Extracellular Enzyme Activity and Its Implications for Organic Matter Cycling in Northern Chinese Marginal Seas. <i>Frontiers in Microbiology</i> , 2019, 10, 2137.	3.5	17
45	<i>Sabbea</i> gen. nov., a new diatom genus (Bacillariophyta) from continental Antarctica. <i>Phytotaxa</i> , 2019, 418, 42-56.	0.3	4
46	Metagenomic Characterization of the Viral Community of the South Scotia Ridge. <i>Viruses</i> , 2019, 11, 95.	3.3	22
47	Dark metabolism: a molecular insight into how the Antarctic sea-ice diatom <i>Fragilariopsis cylindrus</i> survives long-term darkness. <i>New Phytologist</i> , 2019, 223, 675-691.	7.3	40
48	In-situ behavioural and physiological responses of Antarctic microphytobenthos to ocean acidification. <i>Scientific Reports</i> , 2019, 9, 1890.	3.3	7
49	Isolation and genome sequencing of the novel marine phage PHS3 from the Yellow Sea, China. <i>Marine Genomics</i> , 2019, 44, 70-73.	1.1	3
50	Ocean acidification increases iodine accumulation in kelp-based coastal food webs. <i>Global Change Biology</i> , 2019, 25, 629-639.	9.5	26
51	Diversity of D-Amino Acid Utilizing Bacteria From Kongsfjorden, Arctic and the Metabolic Pathways for Seven D-Amino Acids. <i>Frontiers in Microbiology</i> , 2019, 10, 2983.	3.5	15
52	Response of Antarctic sea-ice algae to an experimental decrease in pH: a preliminary analysis from chlorophyll fluorescence imaging of melting ice. <i>Polar Research</i> , 2018, 37, 1438696.	1.6	8
53	Use of glucose biosensors to measure extracellular glucose exudation by intertidal microphytobenthos in southern Tasmania. <i>Journal of Phycology</i> , 2018, 54, 410-418.	2.3	5
54	Sea ice, extremophiles and life on extra-terrestrial ocean worlds. <i>International Journal of Astrobiology</i> , 2018, 17, 1-16.	1.6	62

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55	Complete genomic sequence of bacteriophage J2-1: A novel <i>Pseudoalteromonas phenolica</i> phage isolated from the coastal water of Qingdao, China. <i>Marine Genomics</i> , 2018, 39, 15-18.	1.1	5
56	Chlorophyll <i>a</i> in Antarctic Landfast Sea Ice: A First Synthesis of Historical Ice Core Data. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 8444-8459.	2.6	34
57	Viral Diversity and Its Relationship With Environmental Factors at the Surface and Deep Sea of Prydz Bay, Antarctica. <i>Frontiers in Microbiology</i> , 2018, 9, 2981.	3.5	43
58	Ocean acidification changes the structure of an Antarctic coastal protistan community. <i>Biogeosciences</i> , 2018, 15, 2393-2410.	3.3	29
59	Vertical Distribution of Microbial Eukaryotes From Surface to the Hadal Zone of the Mariana Trench. <i>Frontiers in Microbiology</i> , 2018, 9, 2023.	3.5	48
60	Effects of CO <sub>2</sub> concentration on a late summer surface sea ice community. <i>Marine Biology</i> , 2017, 164, 1.	1.5	11
61	The effects of hydrocarbons on meiofauna in marine sediments in Antarctica. <i>Journal of Experimental Marine Biology and Ecology</i> , 2017, 496, 56-73.	1.5	24
62	Towards improved estimates of sea-ice algal biomass: experimental assessment of hyperspectral imaging cameras for under-ice studies. <i>Annals of Glaciology</i> , 2017, 58, 68-77.	1.4	10
63	Reviews and syntheses: Ice acidification, the effects of ocean acidification on sea ice microbial communities. <i>Biogeosciences</i> , 2017, 14, 3927-3935.	3.3	13
64	Biological responses to environmental heterogeneity under future ocean conditions. <i>Global Change Biology</i> , 2016, 22, 2633-2650.	9.5	187
65	Characteristics and primary productivity of East Antarctic pack ice during the winter-spring transition. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 131, 123-139.	1.4	19
66	Salinity effects on chloroplast PSII performance in glycophytes and halophytes. <i>Functional Plant Biology</i> , 2016, 43, 1003.	2.1	30
67	Effect of elevated CO <sub>2</sub> concentration on microalgal communities in Antarctic pack ice. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 131, 160-169.	1.4	13
68	Distribution of marine viruses and their potential hosts in Prydz Bay and adjacent Southern Ocean, Antarctic. <i>Polar Biology</i> , 2016, 39, 365-378.	1.2	19
69	The effects of oil pollution on Antarctic benthic diatom communities over 5years. <i>Marine Pollution Bulletin</i> , 2015, 90, 33-40.	5.0	24
70	The Response of Antarctic Sea Ice Algae to Changes in pH and CO <sub>2</sub> . <i>PLoS ONE</i> , 2014, 9, e86984.	2.5	51
71	The spatial structure of Antarctic biodiversity. <i>Ecological Monographs</i> , 2014, 84, 203-244.	5.4	286
72	Modern sedimentation, circulation and life beneath the Amery Ice Shelf, East Antarctica. <i>Continental Shelf Research</i> , 2014, 74, 77-87.	1.8	59

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73	Extracellular organic carbon dynamics during a bottom-ice algal bloom (Antarctica). <i>Aquatic Microbial Ecology</i> , 2014, 73, 195-210.	1.8	6
74	Recent environmental change and trace metal pollution in World Heritage Bathurst Harbour, southwest Tasmania, Australia. <i>Journal of Paleolimnology</i> , 2013, 50, 471-485.	1.6	10
75	Physiological response of temperate microphytobenthos to freezing temperatures. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2013, 93, 2039-2047.	0.8	4
76	Ecosystem impacts of feral rabbits on World Heritage sub-Antarctic Macquarie Island: A palaeoecological perspective. <i>Anthropocene</i> , 2013, 3, 1-8.	3.3	9
77	Preliminary investigation into the stimulation of phytoplankton photophysiology and growth by whale faeces. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 446, 1-9.	1.5	28
78	Three improved satellite chlorophyll algorithms for the Southern Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 3694-3703.	2.6	158
79	Photosynthetic carbon allocation of an Antarctic sea ice diatom ( <i>Fragilariopsis cylindrus</i> ). <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 446, 228-235.	1.5	6
80	Dark survival in a warming world. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122909.	2.6	75
81	Response of Phytoplankton Photophysiology to Varying Environmental Conditions in the Sub-Antarctic and Polar Frontal Zone. <i>PLoS ONE</i> , 2013, 8, e72165.	2.5	21
82	Preliminary evidence for the microbial loop in Antarctic sea ice using microcosm simulations. <i>Antarctic Science</i> , 2012, 24, 547-553.	0.9	9
83	Antarctic coastal microalgal primary production and photosynthesis. <i>Marine Biology</i> , 2012, 159, 2827-2837.	1.5	16
84	Chlorophyll <i>a</i> in Antarctic sea ice from historical ice core data. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	95
85	Chemical limnology in coastal East Antarctic lakes: monitoring future climate change in centres of endemism and biodiversity. <i>Antarctic Science</i> , 2012, 24, 23-33.	0.9	27
86	Recent Advances and Future Perspectives in Microbial Phototrophy in Antarctic Sea Ice. <i>Biology</i> , 2012, 1, 542-556.	2.8	9
87	THE EFFECTS OF ULTRAVIOLET-B RADIATION ON ANTARCTIC SEA ICE ALGAE <sup>1</sup> . <i>Journal of Phycology</i> , 2012, 48, 74-84.	2.3	16
88	Thermal plume effects: A multi-disciplinary approach for assessing effects of thermal pollution on estuaries using benthic diatoms and satellite imagery. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 99, 132-144.	2.1	22
89	Average process length variation of the marine dinoflagellate cyst <i>Operculodinium centrocarpum</i> in the tropical and Southern Hemisphere Oceans: Assessing its potential as a palaeosalinity proxy. <i>Marine Micropaleontology</i> , 2012, 86-87, 45-58.	1.2	21
90	The physiological response to increased temperature in over-wintering sea ice algae and phytoplankton in McMurdo Sound, Antarctica and TromsÅ, Sound, Norway. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 428, 57-66.	1.5	19

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91	Effect of temperature on the photosynthetic efficiency and morphotype of <i>Phaeocystis antarctica</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 429, 7-14.	1.5	35
92	Assessing Sub-Antarctic Zone primary productivity from fast repetition rate fluorometry. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 2179-2188.	1.4	21
93	PHOTOPROTECTION OF SEA ICE MICROALGAL COMMUNITIES FROM THE EAST ANTARCTIC PACK ICE <sup>1</sup> . <i>Journal of Phycology</i> , 2011, 47, 77-86.	2.3	31
94	THE EFFECTS OF TEMPERATURE ON THE PHOTOSYNTHETIC PARAMETERS AND RECOVERY OF TWO TEMPERATE BENTHIC MICROALGAE <i>AMPHORA</i> CF. <i>COFFEAEFORMIS</i> AND <i>COCCONEIS</i> CF. <i>SUBLITTORALIS</i> (BACILLARIOPHYCEAE) <sup>1</sup> . <i>Journal of Phycology</i> , 2011, 47, 1413-1424.	2.3	26
95	Chlorophyll fluorescence imaging analysis of the responses of Antarctic bottom-ice algae to light and salinity during melting. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 399, 156-161.	1.5	25
96	Incorporation of nitrogen compounds into sea ice from atmospheric deposition. <i>Marine Chemistry</i> , 2011, 127, 90-99.	2.3	14
97	Post-glacial regional climate variability along the East Antarctic coastal margin—Evidence from shallow marine and coastal terrestrial records. <i>Earth-Science Reviews</i> , 2011, 104, 199-212.	9.1	67
98	Photosynthetic response and recovery of Antarctic marine benthic microalgae exposed to elevated irradiances and temperatures. <i>Polar Biology</i> , 2011, 34, 855-869.	1.2	5
99	The effect of prolonged darkness on the growth, recovery and survival of Antarctic sea ice diatoms. <i>Polar Biology</i> , 2011, 34, 1019-1032.	1.2	44
100	In situ net primary productivity and photosynthesis of Antarctic sea ice algal, phytoplankton and benthic algal communities. <i>Marine Biology</i> , 2010, 157, 1345-1356.	1.5	55
101	Phytoplankton and sea ice algal biomass and physiology during the transition between winter and spring (McMurdo Sound, Antarctica). <i>Polar Biology</i> , 2010, 33, 1547-1556.	1.2	52
102	Diurnal changes of photoadaptive pigments in microphytobenthos. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2010, 90, 1025-1032.	0.8	9
103	Succession and physiological health of freshwater microalgal fouling in a Tasmanian hydropower canal. <i>Biofouling</i> , 2010, 26, 637-644.	2.2	9
104	DEVELOPMENT OF IMMUNOASSAYS FOR THE IRON-REGULATED PROTEINS FERREDOXIN AND FLAVODOXIN IN POLAR MICROALGAE <sup>1</sup> . <i>Journal of Phycology</i> , 2009, 45, 771-783.	2.3	26
105	Quantitative relationships between benthic diatom assemblages and water chemistry in Macquarie Island lakes and their potential for reconstructing past environmental changes. <i>Antarctic Science</i> , 2009, 21, 35-49.	0.9	24
106	Iron availability regulates growth, photosynthesis, and production of ferredoxin and flavodoxin in Antarctic sea ice diatoms. <i>Aquatic Biology</i> , 2009, 4, 273-288.	1.4	36
107	Palaeoecological tools for improving the management of coastal ecosystems: a case study from Lake King (Gippsland Lakes) Australia. <i>Journal of Paleolimnology</i> , 2008, 40, 33-47.	1.6	30
108	Preliminary investigation of Okhotsk Sea ice algae; taxonomic composition and photosynthetic activity. <i>Polar Biology</i> , 2008, 31, 1011-1015.	1.2	30

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109	Ferredoxin and flavodoxin in eastern Antarctica pack ice. <i>Polar Biology</i> , 2008, 31, 1153-1165.	1.2	11
110	Diurnal and monthly vertical profiles of benthic microalgae within intertidal sediments from two temperate localities. <i>Marine and Freshwater Research</i> , 2008, 59, 931.	1.3	8
111	Recent human-induced salinity changes in Ramsar-listed Orielton Lagoon, south-east Tasmania, Australia: a new approach for coastal lagoon conservation and management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2007, 17, 51-70.	2.0	33
112	Spring sea ice photosynthesis, primary productivity and biomass distribution in eastern Antarctica, 2002-2004. <i>Marine Biology</i> , 2007, 151, 985-995.	1.5	57
113	Sea ice primary productivity in the northern Barents Sea, spring 2004. <i>Polar Biology</i> , 2007, 30, 289-294.	1.2	26
114	Impact of canal development on intertidal microalgal productivity: Comparative assessment of Patterson Lakes and Ralphs Bay, South East Australia. <i>Journal of Coastal Conservation</i> , 2007, 11, 171-181.	1.6	3
115	Coastal marine methyl iodide source and links to new particle formation at Cape Grim during February 2006. <i>Environmental Chemistry</i> , 2007, 4, 172.	1.5	11
116	Late Miocene paleoenvironment of the Lambert Graben embayment, East Antarctica, evident from: Mollusc paleontology, sedimentology and geochemistry. <i>Global and Planetary Change</i> , 2006, 50, 127-147.	3.5	13
117	Comparison of the microalgal community within fast ice at two sites along the Ross Sea coast, Antarctica. <i>Antarctic Science</i> , 2006, 18, 583-594.	0.9	38
118	Recent rapid salinity rise in three East Antarctic lakes. <i>Journal of Paleolimnology</i> , 2006, 36, 385-406.	1.6	60
119	DNA as a Dietary Biomarker in Antarctic Krill, <i>Euphausia superba</i> . <i>Marine Biotechnology</i> , 2006, 8, 686-696.	2.4	51
120	Composition and succession of dinoflagellates and chrysophytes in the upper fast ice of Davis Station, East Antarctica. <i>Polar Biology</i> , 2006, 29, 337-345.	1.2	30
121	Contribution of benthic microalgae to ice covered coastal ecosystems in northern Hokkaido, Japan. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2005, 85, 283-289.	0.8	27
122	EFFECT OF HYPEROXIA ON THE GROWTH AND PHOTOSYNTHESIS OF POLAR SEA ICE MICROALGAE1. <i>Journal of Phycology</i> , 2005, 41, 732-741.	2.3	34
123	SHORT-TERM EFFECT OF TEMPERATURE ON THE PHOTOKINETICS OF MICROALGAE FROM THE SURFACE LAYERS OF ANTARCTIC PACK ICE1. <i>Journal of Phycology</i> , 2005, 41, 763-769.	2.3	68
124	Coccolithophores: From Molecular Processes to Global Impact. <i>Journal of Phycology</i> , 2005, 41, 1065-1066.	2.3	0
125	Quantum yield of the marine benthic microflora of near-shore coastal Penang, Malaysia. <i>Marine and Freshwater Research</i> , 2005, 56, 1047.	1.3	7
126	Late Miocene vegetation and palaeoenvironments of the Drygalski Formation, Heard Island, Indian Ocean: evidence from palynology. <i>Antarctic Science</i> , 2005, 17, 427-442.	0.9	17



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127	Diatom and dinoflagellate assemblages of the Hawkesbury River, N.S.W., over the last two centuries: evidence for changes in hydrology. <i>Alcheringa</i> , 2004, 28, 505-514.	1.2	4
128	Marine diffusive boundary layers at high latitudes. <i>Limnology and Oceanography</i> , 2004, 49, 934-939.	3.1	6
129	Diatom biostratigraphy of the Cenozoic glaciomarine Pagodroma Group, northern Prince Charles Mountains, East Antarctica*. <i>Australian Journal of Earth Sciences</i> , 2004, 51, 521-547.	1.0	36
130	ANTARCTIC DISTRIBUTION, PIGMENT AND LIPID COMPOSITION, AND MOLECULAR IDENTIFICATION OF THE BRINE DINOFLAGELLATE POLARELLA GLACIALIS (DINOPHYCEAE)1. <i>Journal of Phycology</i> , 2004, 40, 867-873.	2.3	46
131	Acclimation of Antarctic bottom-ice algal communities to lowered salinities during melting. <i>Polar Biology</i> , 2004, 27, 679-686.	1.2	59
132	EFFECT OF SEASONAL SEA ICE BREAKOUT ON THE PHOTOSYNTHESIS OF BENTHIC DIATOM MATS AT CASEY, ANTARCTICA<sup>1</sup>. <i>Journal of Phycology</i> , 2004, 40, 62-69.	2.3	33
133	The Holocene evolution and palaeosalinity history of Beall Lake, Windmill Islands (East Antarctica) using an expanded diatom-based weighted averaging model. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 208, 121-140.	2.3	27
134	The influence of natural environmental factors on benthic diatom communities from the Windmill Islands, Antarctica. <i>Phycologia</i> , 2004, 43, 744-755.	1.4	13
135	Quantum yield and photosynthetic parameters of marine microalgae from the southern Arctic Ocean, Svalbard. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2004, 84, 865-871.	0.8	91
136	Paleolimnological studies from the Antarctic and subantarctic islands. , 2004, , 419-474.		51
137	Title is missing!. <i>Journal of Paleolimnology</i> , 2003, 30, 195-215.	1.6	67
138	Diurnal changes in photosynthesis of Antarctic fast ice algal communities determined by pulse amplitude modulation fluorometry. <i>Marine Biology</i> , 2003, 143, 359-367.	1.5	55
139	Marine introductions in the Southern Ocean: an unrecognised hazard to biodiversity. <i>Marine Pollution Bulletin</i> , 2003, 46, 213-223.	5.0	135
140	Ice-distal Upper Miocene marine strata from inland Antarctica. <i>Sedimentology</i> , 2003, 50, 531-552.	3.1	27
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