

Stephen Craig Cary

List of Publications by Year in descending order

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177
papers

13,133
citations

20817

60
h-index

28297

105
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184
all docs

184
docs citations

184
times ranked

13521
citing authors

#	ARTICLE	IF	CITATIONS
1	Unique Geothermal Chemistry Shapes Microbial Communities on Mt. Erebus, Antarctica. <i>Frontiers in Microbiology</i> , 2022, 13, 836943.	3.5	3
2	Geochemically Defined Space-for-Time Transects Successfully Capture Microbial Dynamics Along Lacustrine Chronosequences in a Polar Desert. <i>Frontiers in Microbiology</i> , 2021, 12, 783767.	3.5	5
3	Macroclimatic conditions as main drivers for symbiotic association patterns in lecideoid lichens along the Transantarctic Mountains, Ross Sea region, Antarctica. <i>Scientific Reports</i> , 2021, 11, 23460.	3.3	5
4	The Extremophile <i>Endolithella mcmurdoensis</i> gen. et sp. nov. (Trebouxiophyceae), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (2020, 56, 208-216.	2.3	5
5	Myco- and photobiont associations in crustose lichens in the McMurdo Dry Valleys (Antarctica) reveal high differentiation along an elevational gradient. <i>Polar Biology</i> , 2020, 43, 1967-1983.	1.2	14
6	Microbial Mats of the McMurdo Dry Valleys, Antarctica: Oases of Biological Activity in a Very Cold Desert. <i>Frontiers in Microbiology</i> , 2020, 11, 537960.	3.5	15
7	Abiotic factors influence patterns of bacterial diversity and community composition in the Dry Valleys of Antarctica. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	23
8	Detection and community-level identification of microbial mats in the McMurdo Dry Valleys using drone-based hyperspectral reflectance imaging. <i>Antarctic Science</i> , 2020, 32, 367-381.	0.9	15
9	Understanding the Response of Nitrifying Communities to Disturbance in the McMurdo Dry Valleys, Antarctica. <i>Microorganisms</i> , 2020, 8, 404.	3.6	13
10	The distribution and relative ecological roles of autotrophic and heterotrophic diazotrophs in the McMurdo Dry Valleys, Antarctica. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	20
11	Geochemistry of aeolian material from the McMurdo Dry Valleys, Antarctica: Insights into Southern Hemisphere dust sources. <i>Earth and Planetary Science Letters</i> , 2020, 547, 116460.	4.4	10
12	Rapid Microbial Dynamics in Response to an Induced Wetting Event in Antarctic Dry Valley Soils. <i>Frontiers in Microbiology</i> , 2019, 10, 621.	3.5	22
13	Actinobacteria and Cyanobacteria Diversity in Terrestrial Antarctic Microenvironments Evaluated by Culture-Dependent and Independent Methods. <i>Frontiers in Microbiology</i> , 2019, 10, 1018.	3.5	50
14	Airborne microbial transport limitation to isolated Antarctic soil habitats. <i>Nature Microbiology</i> , 2019, 4, 925-932.	13.3	114
15	Nematodes in a polar desert reveal the relative role of biotic interactions in the coexistence of soil animals. <i>Communications Biology</i> , 2019, 2, 63.	4.4	34
16	Biotic interactions are an unexpected yet critical control on the complexity of an abiotically driven polar ecosystem. <i>Communications Biology</i> , 2019, 2, 62.	4.4	42
17	<i>SSU</i> rRNA Gene Sequencing Survey of Benthic Microbial Eukaryotes from Guaymas Basin Hydrothermal Vent. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 637-653.	1.7	27
18	Processes driving soil CO ₂ temporal variability in Antarctic Dry Valleys. <i>Geoderma</i> , 2019, 337, 871-879.	5.1	5

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19	Inter-laboratory testing of the effect of DNA blocking reagent G2 on DNA extraction from low-biomass clay samples. Scientific Reports, 2018, 8, 5711.	3.3	9
20	The ecology and diversity of microbial eukaryotes in geothermal springs. ISME Journal, 2018, 12, 1918-1928.	9.8	42
21	Evidence of plant and animal communities at exposed and subglacial (cave) geothermal sites in Antarctica. Polar Biology, 2018, 41, 417-421.	1.2	48
22	Aeolian Material Transport and Its Role in Landscape Connectivity in the McMurdo Dry Valleys, Antarctica. Journal of Geophysical Research F: Earth Surface, 2018, 123, 3323-3337.	2.8	25
23	Stochastic and Deterministic Effects of a Moisture Gradient on Soil Microbial Communities in the McMurdo Dry Valleys of Antarctica. Frontiers in Microbiology, 2018, 9, 2619.	3.5	41
24	Microbial biogeography of 925 geothermal springs in New Zealand. Nature Communications, 2018, 9, 2876.	12.8	163
25	Bacterial bioclusters relate to hydrochemistry in New Zealand groundwater. FEMS Microbiology Ecology, 2018, 94, .	2.7	10
26	Draft Genome Sequence of Uncultured Upland Soil Cluster <i>Gammaproteobacteria</i> Gives Molecular Insights into High-Affinity Methanotrophy. Genome Announcements, 2017, 5, .	0.8	18
27	A communal catalogue reveals Earth's multiscale microbial diversity. Nature, 2017, 551, 457-463.	27.8	1,942
28	Endolithic microbial diversity in sandstone and granite from the McMurdo Dry Valleys, Antarctica. Polar Biology, 2017, 40, 997-1006.	1.2	99
29	In situ accumulation of tetrodotoxin in non-toxic Pleurobranchaea maculata (Opisthobranchia). Aquatic Sciences, 2017, 79, 335-344.	1.5	16
30	SOLUBLE AND BULK GEOCHEMICAL ANALYSIS OF AEOLIAN MATERIAL FROM THE MCMURDO DRY VALLEYS, ANTARCTICA. , 2017, , .		1
31	Aerobiology Over Antarctica – A New Initiative for Atmospheric Ecology. Frontiers in Microbiology, 2016, 7, 16.	3.5	65
32	Insights into the metabolism of the high temperature microbial community of Tramway Ridge, Mount Erebus, Antarctica. Antarctic Science, 2016, 28, 241-249.	0.9	4
33	Temporal, regional and geochemical drivers of microbial community variation in the melt ponds of the Ross Sea region, Antarctica. Polar Biology, 2016, 39, 267-282.	1.2	6
34	Characterization of bacterial communities in lithobionts and soil niches from Victoria Valley, Antarctica. FEMS Microbiology Ecology, 2016, 92, fiw051.	2.7	69
35	Modulation of microcystin congener abundance following nitrogen depletion of a Microcystis batch culture. Aquatic Ecology, 2016, 50, 235-246.	1.5	22
36	PRELIMINARY CHARACTERIZATION OF WIND-BLOWN DUST FROM THE MCMURDO DRY VALLEYS OF ANTARCTICA. , 2016, , .		0

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37	Benthic microbial communities of coastal terrestrial and ice shelf Antarctic meltwater ponds. <i>Frontiers in Microbiology</i> , 2015, 6, 485.	3.5	28
38	Carbon-Fixation Rates and Associated Microbial Communities Residing in Arid and Ephemeral Wet Antarctic Dry Valley Soils. <i>Frontiers in Microbiology</i> , 2015, 6, 1347.	3.5	25
39	No Evidence for a Culturable Bacterial Tetrodotoxin Producer in <i>Pleurobranchaea maculata</i> (Gastropoda: Pleurobranchidae) and <i>Stylochopiana</i> sp. (Platyhelminthes: Polycladida). <i>Toxins</i> , 2015, 7, 255-273.	3.4	20
40	Further Characterization of Glycine-Containing Microcystins from the McMurdo Dry Valleys of Antarctica. <i>Toxins</i> , 2015, 7, 493-515.	3.4	37
41	First identification of tetrodotoxin (TTX) in the flatworm <i>Stylochopiana</i> sp.; a source of TTX for the sea slug <i>Pleurobranchaea maculata</i> . <i>Toxicon</i> , 2015, 95, 23-29.	1.6	43
42	Application of an unmanned aerial vehicle in spatial mapping of terrestrial biology and human disturbance in the McMurdo Dry Valleys, East Antarctica. <i>Polar Biology</i> , 2015, 38, 573-578.	1.2	54
43	Diverse metabolic and stress-tolerance pathways in chasmoendolithic and soil communities of Miers Valley, McMurdo Dry Valleys, Antarctica. <i>Polar Biology</i> , 2015, 38, 433-443.	1.2	46
44	Intracellular Immunohistochemical Detection of Tetrodotoxin in <i>Pleurobranchaea maculata</i> (Gastropoda) and <i>Stylochopiana</i> sp. (Turbellaria). <i>Marine Drugs</i> , 2015, 13, 756-769.	4.6	28
45	The changing form of Antarctic biodiversity. <i>Nature</i> , 2015, 522, 431-438.	27.8	277
46	Microbial community composition of transiently wetted Antarctic Dry Valley soils. <i>Frontiers in Microbiology</i> , 2015, 6, 9.	3.5	67
47	A roadmap for Antarctic and Southern Ocean science for the next two decades and beyond. <i>Antarctic Science</i> , 2015, 27, 3-18.	0.9	158
48	Estimating Protistan Diversity Using High-Throughput Sequencing. <i>Journal of Eukaryotic Microbiology</i> , 2015, 62, 688-693.	1.7	66
49	Facilitation effects of invasive and farmed bivalves on native populations of the sea slug <i>Pleurobranchaea maculata</i> . <i>Marine Ecology - Progress Series</i> , 2015, 537, 39-48.	1.9	15
50	High Levels of Structural Diversity Observed in Microcystins from <i>Microcystis</i> CAWBG11 and Characterization of Six New Microcystin Congeners. <i>Marine Drugs</i> , 2014, 12, 5372-5395.	4.6	162
51	Investigating Diet as the Source of Tetrodotoxin in <i>Pleurobranchaea maculata</i> . <i>Marine Drugs</i> , 2014, 12, 1-16.	4.6	32
52	Bacterial Community Structures of Antarctic Soils. , 2014, , 9-33.		32
53	Evidence of global-scale aeolian dispersal and endemism in isolated geothermal microbial communities of Antarctica. <i>Nature Communications</i> , 2014, 5, 3875.	12.8	76
54	The ecological dichotomy of ammonia-oxidizing archaea and bacteria in the hyper-arid soils of the Antarctic Dry Valleys. <i>Frontiers in Microbiology</i> , 2014, 5, 515.	3.5	34

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55	Niche-dependent genetic diversity in Antarctic metaviromes. <i>Bacteriophage</i> , 2014, 4, e980125.	1.9	12
56	Influence of soil properties on archaeal diversity and distribution in the McMurdo Dry Valleys, Antarctica. <i>FEMS Microbiology Ecology</i> , 2014, 89, 347-359.	2.7	44
57	Accuracy assessment of land surface temperature retrievals from Landsat 7 ETM+ in the Dry Valleys of Antarctica using iButton temperature loggers and weather station data. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 2619-2628.	2.7	22
58	Some like it cold: understanding the survival strategies of psychrophiles. <i>EMBO Reports</i> , 2014, 15, 508-517.	4.5	501
59	Laboratory study of the survival and attachment of <i>Didymosphenia geminata</i> (Bacillariophyceae) in water sourced from rivers throughout New Zealand. <i>Phycologia</i> , 2014, 53, 1-9.	1.4	10
60	Airborne Bacterial Populations Above Desert Soils of the McMurdo Dry Valleys, Antarctica. <i>Microbial Ecology</i> , 2014, 67, 120-128.	2.8	104
61	The importance of sample archiving in microbial ecology. <i>Nature Reviews Microbiology</i> , 2014, 12, 789-790.	28.6	30
62	Isolated faecal bacterial communities found for Weddell seals, <i>Leptonychotes weddellii</i> , at White Island, McMurdo Sound, Antarctica. <i>Polar Biology</i> , 2014, 37, 1857-1864.	1.2	14
63	Characterisation of bacterioplankton communities in the meltwater ponds of Bratina Island, Victoria Land, Antarctica. <i>FEMS Microbiology Ecology</i> , 2014, 89, 451-464.	2.7	20
64	Characterization of Chasmoendolithic Community in Miers Valley, McMurdo Dry Valleys, Antarctica. <i>Microbial Ecology</i> , 2014, 68, 351-359.	2.8	77
65	High-Level Diversity of Tailed Phages, Eukaryote-Associated Viruses, and Virophage-Like Elements in the Metaviromes of Antarctic Soils. <i>Applied and Environmental Microbiology</i> , 2014, 80, 6888-6897.	3.1	121
66	Investigating Microbial Eukaryotic Diversity from a Global Census: Insights from a Comparison of Pyrotag and Full-Length Sequences of 18S rRNA Genes. <i>Applied and Environmental Microbiology</i> , 2014, 80, 4363-4373.	3.1	70
67	Development and validation of a quantitative PCR assay for the early detection and monitoring of the invasive diatom <i>Didymosphenia geminata</i> . <i>Harmful Algae</i> , 2014, 36, 63-70.	4.8	12
68	The Distribution and Identity of Edaphic Fungi in the McMurdo Dry Valleys. <i>Biology</i> , 2014, 3, 466-483.	2.8	44
69	Microbial Ecology of Geothermal Habitats in Antarctica. , 2014, , 181-215.		22
70	Isolation and structure determination of two new hydrophobic microcystins from <i>Microcystis</i> sp. (CAWBG11). <i>Phytochemistry Letters</i> , 2013, 6, 575-581.	1.2	19
71	Development of a non-lethal biopsy technique for estimating total tetrodotoxin concentrations in the grey side-gilled sea slug <i>Pleurobranchaea maculata</i> . <i>Toxicon</i> , 2013, 74, 27-33.	1.6	5
72	First year-round record of Antarctic Dry Valley soil CO ₂ flux. <i>Soil Biology and Biochemistry</i> , 2013, 66, 193-196.	8.8	15

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73	Molecular genetic tools for environmental monitoring of New Zealand's aquatic habitats, past, present and the future. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2013, 47, 90-119.	2.0	78
74	Evidence for successional development in Antarctic hypolithic bacterial communities. <i>ISME Journal</i> , 2013, 7, 2080-2090.	9.8	93
75	Local and regional influences over soil microbial metacommunities in the Transantarctic Mountains. <i>Ecosphere</i> , 2013, 4, 1-24.	2.2	45
76	Pseudovertical Temperature Profiles Give Insight into Winter Evolution of the Atmospheric Boundary Layer over the McMurdo Dry Valleys of Antarctica. <i>Journal of Applied Meteorology and Climatology</i> , 2013, 52, 1664-1669.	1.5	10
77	Diversity and Distributional Patterns of Ciliates in Guaymas Basin Hydrothermal Vent Sediments. <i>Journal of Eukaryotic Microbiology</i> , 2013, 60, 433-447.	1.7	32
78	Pristine Antarctica: threats and protection. <i>Antarctic Science</i> , 2013, 25, 1-1.	0.9	12
79	Diffuse flow environments within basalt- and sediment-based hydrothermal vent ecosystems harbor specialized microbial communities. <i>Frontiers in Microbiology</i> , 2013, 4, 182.	3.5	44
80	Micro-Eukaryotic Diversity in Hypolithons from Miers Valley, Antarctica. <i>Biology</i> , 2013, 2, 331-340.	2.8	9
81	Structural Characterization of New Microcystins Containing Tryptophan and Oxidized Tryptophan Residues. <i>Marine Drugs</i> , 2013, 11, 3025-3045.	4.6	23
82	Increasing Microcystis cell density enhances microcystin synthesis: a mesocosm study. <i>Inland Waters</i> , 2012, 2, 17-22.	2.2	45
83	Depuration of Tetrodotoxin and Changes in Bacterial Communities in <i>Pleurobranchaea maculata</i> Adults and Egg Masses Maintained in Captivity. <i>Journal of Chemical Ecology</i> , 2012, 38, 1342-1350.	1.8	36
84	The Inter-Valley Soil Comparative Survey: the ecology of Dry Valley edaphic microbial communities. <i>ISME Journal</i> , 2012, 6, 1046-1057.	9.8	273
85	Rapid microbial response to the presence of an ancient relic in the Antarctic Dry Valleys. <i>Nature Communications</i> , 2012, 3, 660.	12.8	69
86	Genome sequence of temperate bacteriophage Psymv2 from Antarctic Dry Valley soil isolate <i>Psychrobacter</i> sp. MV2. <i>Extremophiles</i> , 2012, 16, 715-726.	2.3	30
87	Tetrodotoxin Concentrations in <i>Pleurobranchaea maculata</i> : Temporal, Spatial and Individual Variability from New Zealand Populations. <i>Marine Drugs</i> , 2012, 10, 163-176.	4.6	42
88	Increased Inter-Colony Fusion Rates Are Associated with Reduced COI Haplotype Diversity in an Invasive Colonial Ascidian <i>Didemnum vexillum</i> . <i>PLoS ONE</i> , 2012, 7, e30473.	2.5	44
89	Groundtruthing Next-Gen Sequencing for Microbial Ecology—Biases and Errors in Community Structure Estimates from PCR Amplicon Pyrosequencing. <i>PLoS ONE</i> , 2012, 7, e44224.	2.5	145
90	At Limits of Life: Multidisciplinary Insights Reveal Environmental Constraints on Biotic Diversity in Continental Antarctica. <i>PLoS ONE</i> , 2012, 7, e44578.	2.5	56

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91	The Microbial Olympics. <i>Nature Reviews Microbiology</i> , 2012, 10, 583-588.	28.6	15
92	Enhanced Sample Preparation for Quantitation of Microcystins by Matrix-Assisted Laser Desorption/Ionisation-Time of Flight Mass Spectrometry. <i>Phytochemical Analysis</i> , 2012, 23, 285-291.	2.4	6
93	Abiotic factors influence microbial diversity in permanently cold soil horizons of a maritime-associated Antarctic Dry Valley. <i>FEMS Microbiology Ecology</i> , 2012, 82, 326-340.	2.7	85
94	Diverse and highly active diazotrophic assemblages inhabit ephemerally wetted soils of the Antarctic Dry Valleys. <i>FEMS Microbiology Ecology</i> , 2012, 82, 376-390.	2.7	59
95	Development of a real-time PCR assay for the detection of the invasive clam, <i>Corbula amurensis</i> , in environmental samples. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 412, 52-57.	1.5	21
96	Barcoding of the cytochrome oxidase I (COI) indicates a recent introduction of <i>Ciona savignyi</i> into New Zealand and provides a rapid method for <i>Ciona</i> species discrimination. <i>Aquatic Invasions</i> , 2012, 7, 305-313.	1.6	18
97	Ancient origins determine global biogeography of hot and cold desert cyanobacteria. <i>Nature Communications</i> , 2011, 2, 163.	12.8	203
98	Switching toxin production on and off: intermittent microcystin synthesis in a <i>Microcystis</i> bloom. <i>Environmental Microbiology Reports</i> , 2011, 3, 118-124.	2.4	91
99	Hypolithic communities: important nitrogen sources in Antarctic desert soils. <i>Environmental Microbiology Reports</i> , 2011, 3, 581-586.	2.4	69
100	Distribution and abiotic influences on hypolithic microbial communities in an Antarctic Dry Valley. <i>Polar Biology</i> , 2011, 34, 307-311.	1.2	60
101	Hypolithic microbial communities of quartz rocks from Miers Valley, McMurdo Dry Valleys, Antarctica. <i>Polar Biology</i> , 2011, 34, 1657-1668.	1.2	58
102	The use of quantitative polymerase chain reaction for the detection and enumeration of the harmful alga <i>Aureococcus anophagefferens</i> in environmental samples along the United States East Coast. <i>Limnology and Oceanography: Methods</i> , 2011, 1, 92-102.	2.0	40
103	Resolving environmental drivers of microbial community structure in Antarctic soils. <i>Antarctic Science</i> , 2010, 22, 673-680.	0.9	59
104	ANTIOXIDANT ENZYME RESPONSE AND REACTIVE OXYGEN SPECIES PRODUCTION IN MARINE RAPHIIDOPHYTES ¹ . <i>Journal of Phycology</i> , 2010, 46, 1161-1171.	2.3	21
105	On the rocks: the microbiology of Antarctic Dry Valley soils. <i>Nature Reviews Microbiology</i> , 2010, 8, 129-138.	28.6	505
106	Diverse hypolithic refuge communities in the McMurdo Dry Valleys. <i>Antarctic Science</i> , 2010, 22, 714-720.	0.9	97
107	Identification of a Novel Alkaliphilic Esterase Active at Low Temperatures by Screening a Metagenomic Library from Antarctic Desert Soil. <i>Applied and Environmental Microbiology</i> , 2009, 75, 4657-4659.	3.1	90
108	Adaptations to Submarine Hydrothermal Environments Exemplified by the Genome of <i>Nautilia profundicola</i> . <i>PLoS Genetics</i> , 2009, 5, e1000362.	3.5	126

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109	Dynamics of cell proliferation and apoptosis reflect different life strategies in hydrothermal vent and cold seep vestimentiferan tubeworms. <i>Cell and Tissue Research</i> , 2009, 337, 149-165.	2.9	30
110	Hindcasting cyanobacterial communities in Lake Okaro with germination experiments and genetic analyses. <i>FEMS Microbiology Ecology</i> , 2009, 67, 252-260.	2.7	39
111	Phylogenetic analysis of actinobacterial populations associated with Antarctic Dry Valley mineral soils. <i>Environmental Microbiology</i> , 2009, 11, 566-576.	3.8	154
112	The phylogeography of Adelie penguin faecal flora. <i>Environmental Microbiology</i> , 2009, 11, 577-588.	3.8	69
113	Microbial biodiversity of thermophilic communities in hot mineral soils of Tramway Ridge, Mount Erebus, Antarctica. <i>Environmental Microbiology</i> , 2009, 11, 715-728.	3.8	97
114	Exploring biological constraints on the glacial history of Antarctica. <i>Quaternary Science Reviews</i> , 2009, 28, 3035-3048.	3.0	166
115	Superoxide Dismutase from the Eukaryotic Thermophile <i>Alvinella pompejana</i> : Structures, Stability, Mechanism, and Insights into Amyotrophic Lateral Sclerosis. <i>Journal of Molecular Biology</i> , 2009, 385, 1534-1555.	4.2	126
116	Use of an armored RNA standard to measure microcystin synthetase E gene expression in toxic <i>Microcystis</i> sp. by reverse-transcription QPCR. <i>Limnology and Oceanography: Methods</i> , 2009, 7, 509-520.	2.0	23
117	Observation of Virus-Like Particles in Vascular and Coelomic Hemolymph of <i>Riftia pachyptil</i> . <i>Microscopy and Microanalysis</i> , 2009, 15, 100-101.	0.4	0
118	Quantitative real-time PCR for detecting germination of <i>Heterosigma akashiwo</i> and <i>Chattonella subsalsa</i> cysts from Delaware's Inland Bays, USA. <i>Aquatic Microbial Ecology</i> , 2009, 55, 229-239.	1.8	19
119	Sources of edaphic cyanobacterial diversity in the Dry Valleys of Eastern Antarctica. <i>ISME Journal</i> , 2008, 2, 308-320.	9.8	144
120	Lysogenic virus-host interactions predominate at deep-sea diffuse-flow hydrothermal vents. <i>ISME Journal</i> , 2008, 2, 1112-1121.	9.8	109
121	Microbial community composition in soils of Northern Victoria Land, Antarctica. <i>Environmental Microbiology</i> , 2008, 10, 1713-1724.	3.8	182
122	Using quantitative real-time PCR to study competition and community dynamics among Delaware Inland Bays harmful algae in field and laboratory studies. <i>Harmful Algae</i> , 2008, 7, 599-613.	4.8	63
123	Widespread Distribution and Identification of Eight Novel Microcystins in Antarctic Cyanobacterial Mats. <i>Applied and Environmental Microbiology</i> , 2008, 74, 7243-7251.	3.1	77
124	Maintenance of cyanotoxin production by cryopreserved cyanobacteria in the New Zealand culture collection. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2008, 42, 277-283.	2.0	24
125	EnGenIUS – ENVIRONMENTAL GENOME INFORMATIONAL UTILITY SYSTEM. <i>Journal of Bioinformatics and Computational Biology</i> , 2008, 06, 1193-1211.	0.8	4
126	<i>Nautilia profundicola</i> sp. nov., a thermophilic, sulfur-reducing epsilonproteobacterium from deep-sea hydrothermal vents. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1598-1602.	1.7	53

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127	Enzymic Approach to Eurythermalism of <i>Alvinella pompejana</i> and Its Episymbionts. Applied and Environmental Microbiology, 2008, 74, 774-782.	3.1	9
128	Metagenome analysis of an extreme microbial symbiosis reveals eurythermal adaptation and metabolic flexibility. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17516-17521.	7.1	111
129	Eurythermalism and the temperature dependence of enzyme activity. FASEB Journal, 2007, 21, 1934-1941.	0.5	29
130	Development and field assessment of a quantitative PCR for the detection and enumeration of the noxious bloom-former <i>Anabaena planktonica</i> . Limnology and Oceanography: Methods, 2007, 5, 474-483.	2.0	24
131	Distribution of <i>Pfiesteria piscicida</i> cyst populations in sediments of the Delaware Inland Bays, USA. Harmful Algae, 2006, 5, 363-373.	4.8	15
132	Simultaneous enumeration of multiple raphidophyte species by quantitative real-time PCR: capabilities and limitations. Limnology and Oceanography: Methods, 2006, 4, 193-204.	2.0	41
133	Colonization of nascent, deep-sea hydrothermal vents by a novel Archaeal and Nanoarchaeal assemblage. Environmental Microbiology, 2006, 8, 114-125.	3.8	81
134	Bacterial Diversity in Three Different Antarctic Cold Desert Mineral Soils. Microbial Ecology, 2006, 51, 413-421.	2.8	216
135	Biotic interactions in Antarctic terrestrial ecosystems: Are they a factor?. Soil Biology and Biochemistry, 2006, 38, 3035-3040.	8.8	167
136	Co-variation in soil biodiversity and biogeochemistry in northern and southern Victoria Land, Antarctica. Antarctic Science, 2006, 18, 535-548.	0.9	127
137	Improved quantitative real-time PCR assays for enumeration of harmful algal species in field samples using an exogenous DNA reference standard. Limnology and Oceanography: Methods, 2005, 3, 381-391.	2.0	130
138	Evaluating vertical migration behavior of harmful raphidophytes in the Delaware Inland Bays utilizing quantitative real-time PCR. Aquatic Microbial Ecology, 2005, 40, 121-132.	1.8	60
139	Molecular Approaches to the Investigation of Viable Dinoflagellate Cysts in Natural Sediments from Estuarine Environments1. Journal of Eukaryotic Microbiology, 2005, 52, 90-94.	1.7	27
140	The splicing factor U2AF65 is functionally conserved in the thermotolerant deep-sea worm <i>Alvinella pompejana</i> . Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2005, 1727, 197-207.	2.4	34
141	Demonstration of toxicity to fish and to mammalian cells by <i>Pfiesteria</i> species: Comparison of assay methods and strains. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3471-3476.	7.1	55
142	Enzymatic and Genetic Characterization of Carbon and Energy Metabolisms by Deep-Sea Hydrothermal Chemolithoautotrophic Isolates of Epsilonproteobacteria. Applied and Environmental Microbiology, 2005, 71, 7310-7320.	3.1	182
143	Lipid composition of deep-sea hydrothermal vent tubeworm <i>Riftia pachyptila</i> , crabs <i>Munidopsis subsquamosa</i> and <i>Bythograea thermhydrion</i> , mussels <i>Bathymodiolus</i> sp. and limpets <i>Lepetodrilus</i> spp.. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2005, 141, 196-210.	1.6	50
144	Lipid biomarkers of deep-sea hydrothermal vent polychaetes "Alvinella pompejana, A. caudata, Paralvinella grasslei and Hesiolyra bergii. Deep-Sea Research Part I: Oceanographic Research Papers, 2005, 52, 2333-2352.	1.4	52

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145	A bacterium that inhibits the growth of <i>Pfiesteria piscicida</i> and other dinoflagellates. <i>Harmful Algae</i> , 2005, 4, 221-234.	4.8	79
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148	Studying the deep subsurface biosphere: Emerging technologies and applications. <i>Geophysical Monograph Series</i> , 2004, , 383-399.	0.1	4
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151	Modified Serial Analysis of Gene Expression Method for Construction of Gene Expression Profiles of Microbial Eukaryotic Species. <i>Applied and Environmental Microbiology</i> , 2004, 70, 5298-5304.	3.1	23
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161	Assessing temporal and spatial variability in <i>Pfiesteria piscicida</i> distributions using molecular probing techniques. <i>Aquatic Microbial Ecology</i> , 2001, 24, 275-285.	1.8	106
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