

Stephen Craig Cary

List of Publications by Year in descending order

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Version: 2024-02-01

177
papers

13,133
citations

20797

60
h-index

28275

105
g-index

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.	1.5	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.	1.5	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.	1.6	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.	1.0	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.	0.5	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.	1.5	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, .	1.3	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.	0.5	15
9	Understanding the Response of Nitrifying Communities to Disturbance in the McMurdo Dry Valleys, Antarctica. <i>Microorganisms</i> , 2020, 8, 404.	1.6	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, .	1.3	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.	1.8	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.	1.5	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.	1.5	50
14	Airborne microbial transport limitation to isolated Antarctic soil habitats. <i>Nature Microbiology</i> , 2019, 4, 925-932.	5.9	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.	2.0	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.	2.0	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.	0.8	27
18	Processes driving soil CO ₂ temporal variability in Antarctic Dry Valleys. <i>Geoderma</i> , 2019, 337, 871-879.	2.3	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. <i>Scientific Reports</i> , 2018, 8, 5711.	1.6	9
20	The ecology and diversity of microbial eukaryotes in geothermal springs. <i>ISME Journal</i> , 2018, 12, 1918-1928.	4.4	42
21	Evidence of plant and animal communities at exposed and subglacial (cave) geothermal sites in Antarctica. <i>Polar Biology</i> , 2018, 41, 417-421.	0.5	48
22	Aeolian Material Transport and Its Role in Landscape Connectivity in the McMurdo Dry Valleys, Antarctica. <i>Journal of Geophysical Research F: Earth Surface</i> , 2018, 123, 3323-3337.	1.0	25
23	Stochastic and Deterministic Effects of a Moisture Gradient on Soil Microbial Communities in the McMurdo Dry Valleys of Antarctica. <i>Frontiers in Microbiology</i> , 2018, 9, 2619.	1.5	41
24	Microbial biogeography of 925 geothermal springs in New Zealand. <i>Nature Communications</i> , 2018, 9, 2876.	5.8	163
25	Bacterial bioclusters relate to hydrochemistry in New Zealand groundwater. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	10
26	Draft Genome Sequence of Uncultured Upland Soil Cluster <i>Gammaproteobacteria</i> Gives Molecular Insights into High-Affinity Methanotrophy. <i>Genome Announcements</i> , 2017, 5, .	0.8	18
27	A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , 2017, 551, 457-463.	13.7	1,942
28	Endolithic microbial diversity in sandstone and granite from the McMurdo Dry Valleys, Antarctica. <i>Polar Biology</i> , 2017, 40, 997-1006.	0.5	99
29	In situ accumulation of tetrodotoxin in non-toxic <i>Pleurobranchaea maculata</i> (Opisthobranchia). <i>Aquatic Sciences</i> , 2017, 79, 335-344.	0.6	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. <i>Frontiers in Microbiology</i> , 2016, 7, 16.	1.5	65
32	Insights into the metabolism of the high temperature microbial community of Tramway Ridge, Mount Erebus, Antarctica. <i>Antarctic Science</i> , 2016, 28, 241-249.	0.5	4
33	Temporal, regional and geochemical drivers of microbial community variation in the melt ponds of the Ross Sea region, Antarctica. <i>Polar Biology</i> , 2016, 39, 267-282.	0.5	6
34	Characterization of bacterial communities in lithobionts and soil niches from Victoria Valley, Antarctica. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw051.	1.3	69
35	Modulation of microcystin congener abundance following nitrogen depletion of a <i>Microcystis</i> batch culture. <i>Aquatic Ecology</i> , 2016, 50, 235-246.	0.7	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.	1.5	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.	1.5	25
39	No Evidence for a Culturable Bacterial Tetrodotoxin Producer in <i>Pleurobranchaea maculata</i> (Gastropoda: Pleurobranchidae) and <i>Stylochoplana</i> sp. (Platyhelminthes: Polycladida). <i>Toxins</i> , 2015, 7, 255-273.	1.5	20
40	Further Characterization of Glycine-Containing Microcystins from the McMurdo Dry Valleys of Antarctica. <i>Toxins</i> , 2015, 7, 493-515.	1.5	37
41	First identification of tetrodotoxin (TTX) in the flatworm <i>Stylochoplana</i> sp.; a source of TTX for the sea slug <i>Pleurobranchaea maculata</i> . <i>Toxicon</i> , 2015, 95, 23-29.	0.8	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.	0.5	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.	0.5	46
44	Intracellular Immunohistochemical Detection of Tetrodotoxin in <i>Pleurobranchaea maculata</i> (Gastropoda) and <i>Stylochoplana</i> sp. (Turbellaria). <i>Marine Drugs</i> , 2015, 13, 756-769.	2.2	28
45	The changing form of Antarctic biodiversity. <i>Nature</i> , 2015, 522, 431-438.	13.7	277
46	Microbial community composition of transiently wetted Antarctic Dry Valley soils. <i>Frontiers in Microbiology</i> , 2015, 6, 9.	1.5	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.	0.5	158
48	Estimating Protistan Diversity Using High-Throughput Sequencing. <i>Journal of Eukaryotic Microbiology</i> , 2015, 62, 688-693.	0.8	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.	0.9	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.	2.2	162
51	Investigating Diet as the Source of Tetrodotoxin in <i>Pleurobranchaea maculata</i> . <i>Marine Drugs</i> , 2014, 12, 1-16.	2.2	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.	5.8	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.	1.5	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.	1.3	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.	1.3	22
58	Some like it cold: understanding the survival strategies of psychrophiles. <i>EMBO Reports</i> , 2014, 15, 508-517.	2.0	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.	0.6	10
60	Airborne Bacterial Populations Above Desert Soils of the McMurdo Dry Valleys, Antarctica. <i>Microbial Ecology</i> , 2014, 67, 120-128.	1.4	104
61	The importance of sample archiving in microbial ecology. <i>Nature Reviews Microbiology</i> , 2014, 12, 789-790.	13.6	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.	0.5	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.	1.3	20
64	Characterization of Chasmoendolithic Community in Miers Valley, McMurdo Dry Valleys, Antarctica. <i>Microbial Ecology</i> , 2014, 68, 351-359.	1.4	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.	1.4	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.	1.4	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.	2.2	12
68	The Distribution and Identity of Edaphic Fungi in the McMurdo Dry Valleys. <i>Biology</i> , 2014, 3, 466-483.	1.3	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.	0.6	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.	0.8	5
72	First year-round record of Antarctic Dry Valley soil CO ₂ flux. <i>Soil Biology and Biochemistry</i> , 2013, 66, 193-196.	4.2	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.	0.8	78
74	Evidence for successional development in Antarctic hypolithic bacterial communities. <i>ISME Journal</i> , 2013, 7, 2080-2090.	4.4	93
75	Local and regional influences over soil microbial metacommunities in the Transantarctic Mountains. <i>Ecosphere</i> , 2013, 4, 1-24.	1.0	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.	0.6	10
77	Diversity and Distributional Patterns of Ciliates in Guaymas Basin Hydrothermal Vent Sediments. <i>Journal of Eukaryotic Microbiology</i> , 2013, 60, 433-447.	0.8	32
78	Pristine Antarctica: threats and protection. <i>Antarctic Science</i> , 2013, 25, 1-1.	0.5	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.	1.5	44
80	Micro-Eukaryotic Diversity in Hypolithons from Miers Valley, Antarctica. <i>Biology</i> , 2013, 2, 331-340.	1.3	9
81	Structural Characterization of New Microcystins Containing Tryptophan and Oxidized Tryptophan Residues. <i>Marine Drugs</i> , 2013, 11, 3025-3045.	2.2	23
82	Increasing <i>Microcystis</i> cell density enhances microcystin synthesis: a mesocosm study. <i>Inland Waters</i> , 2012, 2, 17-22.	1.1	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.	0.9	36
84	The Inter-Valley Soil Comparative Survey: the ecology of Dry Valley edaphic microbial communities. <i>ISME Journal</i> , 2012, 6, 1046-1057.	4.4	273
85	Rapid microbial response to the presence of an ancient relic in the Antarctic Dry Valleys. <i>Nature Communications</i> , 2012, 3, 660.	5.8	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.	0.9	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.	2.2	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.	1.1	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.	1.1	145
90	At Limits of Life: Multidisciplinary Insights Reveal Environmental Constraints on Biotic Diversity in Continental Antarctica. <i>PLoS ONE</i> , 2012, 7, e44578.	1.1	56

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91	The Microbial Olympics. <i>Nature Reviews Microbiology</i> , 2012, 10, 583-588.	13.6	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.	1.2	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.	1.3	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.	1.3	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.	0.7	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.	0.6	18
97	Ancient origins determine global biogeography of hot and cold desert cyanobacteria. <i>Nature Communications</i> , 2011, 2, 163.	5.8	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.	1.0	91
99	Hypolithic communities: important nitrogen sources in Antarctic desert soils. <i>Environmental Microbiology Reports</i> , 2011, 3, 581-586.	1.0	69
100	Distribution and abiotic influences on hypolithic microbial communities in an Antarctic Dry Valley. <i>Polar Biology</i> , 2011, 34, 307-311.	0.5	60
101	Hypolithic microbial communities of quartz rocks from Miers Valley, McMurdo Dry Valleys, Antarctica. <i>Polar Biology</i> , 2011, 34, 1657-1668.	0.5	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.	1.0	40
103	Resolving environmental drivers of microbial community structure in Antarctic soils. <i>Antarctic Science</i> , 2010, 22, 673-680.	0.5	59
104	ANTIOXIDANT ENZYME RESPONSE AND REACTIVE OXYGEN SPECIES PRODUCTION IN MARINE RAPHIIDOPHYTES ¹ . <i>Journal of Phycology</i> , 2010, 46, 1161-1171.	1.0	21
105	On the rocks: the microbiology of Antarctic Dry Valley soils. <i>Nature Reviews Microbiology</i> , 2010, 8, 129-138.	13.6	505
106	Diverse hypolithic refuge communities in the McMurdo Dry Valleys. <i>Antarctic Science</i> , 2010, 22, 714-720.	0.5	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.	1.4	90
108	Adaptations to Submarine Hydrothermal Environments Exemplified by the Genome of <i>Nautilia profundicola</i> . <i>PLoS Genetics</i> , 2009, 5, e1000362.	1.5	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.	1.5	30
110	Hindcasting cyanobacterial communities in Lake Okaro with germination experiments and genetic analyses. <i>FEMS Microbiology Ecology</i> , 2009, 67, 252-260.	1.3	39
111	Phylogenetic analysis of actinobacterial populations associated with Antarctic Dry Valley mineral soils. <i>Environmental Microbiology</i> , 2009, 11, 566-576.	1.8	154
112	The phylogeography of Adelie penguin faecal flora. <i>Environmental Microbiology</i> , 2009, 11, 577-588.	1.8	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.	1.8	97
114	Exploring biological constraints on the glacial history of Antarctica. <i>Quaternary Science Reviews</i> , 2009, 28, 3035-3048.	1.4	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.	2.0	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.	1.0	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.	0.2	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.	0.9	19
119	Sources of edaphic cyanobacterial diversity in the Dry Valleys of Eastern Antarctica. <i>ISME Journal</i> , 2008, 2, 308-320.	4.4	144
120	Lysogenic virus-host interactions predominate at deep-sea diffuse-flow hydrothermal vents. <i>ISME Journal</i> , 2008, 2, 1112-1121.	4.4	109
121	Microbial community composition in soils of Northern Victoria Land, Antarctica. <i>Environmental Microbiology</i> , 2008, 10, 1713-1724.	1.8	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.	2.2	63
123	Widespread Distribution and Identification of Eight Novel Microcystins in Antarctic Cyanobacterial Mats. <i>Applied and Environmental Microbiology</i> , 2008, 74, 7243-7251.	1.4	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.	0.8	24
125	EnGeniUS – ENVIRONMENTAL GENOME INFORMATIONAL UTILITY SYSTEM. <i>Journal of Bioinformatics and Computational Biology</i> , 2008, 06, 1193-1211.	0.3	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.	0.8	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.	1.4	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.	3.3	111
129	Eurythermalism and the temperature dependence of enzyme activity. FASEB Journal, 2007, 21, 1934-1941.	0.2	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.	1.0	24
131	Distribution of <i>Pfiesteria piscicida</i> cyst populations in sediments of the Delaware Inland Bays, USA. Harmful Algae, 2006, 5, 363-373.	2.2	15
132	Simultaneous enumeration of multiple raphidophyte species by quantitative real-time PCR: capabilities and limitations. Limnology and Oceanography: Methods, 2006, 4, 193-204.	1.0	41
133	Colonization of nascent, deep-sea hydrothermal vents by a novel Archaeal and Nanoarchaeal assemblage. Environmental Microbiology, 2006, 8, 114-125.	1.8	81
134	Bacterial Diversity in Three Different Antarctic Cold Desert Mineral Soils. Microbial Ecology, 2006, 51, 413-421.	1.4	216
135	Biotic interactions in Antarctic terrestrial ecosystems: Are they a factor?. Soil Biology and Biochemistry, 2006, 38, 3035-3040.	4.2	167
136	Co-variation in soil biodiversity and biogeochemistry in northern and southern Victoria Land, Antarctica. Antarctic Science, 2006, 18, 535-548.	0.5	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.	1.0	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.	0.9	60
139	Molecular Approaches to the Investigation of Viable Dinoflagellate Cysts in Natural Sediments from Estuarine Environments I. Journal of Eukaryotic Microbiology, 2005, 52, 90-94.	0.8	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.	3.3	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.	1.4	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.	0.7	50
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