

Brett A Neilan

List of Publications by Year in descending order

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305
papers

21,128
citations

9234

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all docs

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docs citations

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times ranked

16237
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative genomics for understanding intraspecific diversity: a case study of the cyanobacterium <i>Raphidiopsis raciborskii</i> . , 2022, , 415-434.		3
2	Heterologous Expression and Biochemical Analysis Reveal a Schizokinen-Based Siderophore Pathway in <i>Leptolyngbya</i> (Cyanobacteria). <i>Applied and Environmental Microbiology</i> , 2022, 88, e0237321.	1.4	3
3	Bacterial community structure and metabolic potential in microbialite-forming mats from South Australian saline lakes. <i>Geobiology</i> , 2022, 20, 546-559.	1.1	3
4	2-Methylhopanoids in geographically distinct, arid biological soil crusts are primarily cyanobacterial in origin. <i>Environmental Microbiology Reports</i> , 2022, 14, 164-169.	1.0	0
5	Expression of Cyanobacterial Biosynthetic Gene Clusters in <i>Escherichia coli</i> . <i>Methods in Molecular Biology</i> , 2022, 2489, 315-332.	0.4	1
6	Climate dictates microbial community composition and diversity in Australian biological soil crusts (biocrusts). <i>Environmental Microbiology</i> , 2022, 24, 5467-5482.	1.8	6
7	Heterologous Expression of an Unusual Ketosynthase, SxtA, Leads to Production of Saxitoxin Intermediates in <i>Escherichia coli</i> . <i>ChemBioChem</i> , 2021, 22, 845-849.	1.3	6
8	Comparative proteomics of the toxigenic diazotroph <i>Raphidiopsis raciborskii</i> (cyanobacteria) in response to iron. <i>Environmental Microbiology</i> , 2021, 23, 405-414.	1.8	2
9	Cyanobacterial blooms in wastewater treatment facilities: Significance and emerging monitoring strategies. <i>Journal of Microbiological Methods</i> , 2021, 180, 106123.	0.7	11
10	A <i>Pseudoalteromonas</i> Clade with Remarkable Biosynthetic Potential. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	11
11	Genome Mining and Evolutionary Analysis Reveal Diverse Type III Polyketide Synthase Pathways in Cyanobacteria. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	8
12	Australian bush medicines harbour diverse microbial endophytes with broad-spectrum antibacterial activity. <i>Journal of Applied Microbiology</i> , 2021, 131, 2244-2256.	1.4	1
13	Quantitative detection of human- and canine-associated <i>Bacteroides</i> genetic markers from an urban coastal lagoon. <i>Water Science and Technology</i> , 2021, 84, 1732-1744.	1.2	4
14	Recent developments in quantitative PCR for monitoring harmful marine microalgae. <i>Harmful Algae</i> , 2021, 108, 102096.	2.2	14
15	A new species of cryptic cyanobacteria isolated from the epidermis of a bottlenose dolphin and as a bioaerosol. <i>Phycologia</i> , 2021, 60, 603-618.	0.6	2
16	Tailoring Enzyme Stringency Masks the Multispecificity of a Lyngbyatoxin (Indolactam Alkaloid) Nonribosomal Peptide Synthetase. <i>ChemBioChem</i> , 2021, , .	1.3	4
17	Distribution and conservation of known secondary metabolite biosynthesis gene clusters in the genomes of geographically diverse <i>Microcystis aeruginosa</i> strains. <i>Marine and Freshwater Research</i> , 2020, 71, 701.	0.7	20
18	Identification of promoter elements in the <i>Dolichospermum circinale</i> AWQC131C saxitoxin gene cluster and the experimental analysis of their use for heterologous expression. <i>BMC Microbiology</i> , 2020, 20, 35.	1.3	2

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19	Genome mining of a fungal endophyte of <i>Taxus yunnanensis</i> (Chinese yew) leads to the discovery of a novel azaphilone polyketide, lijiquinone. <i>Microbial Biotechnology</i> , 2020, 13, 1415-1427.	2.0	13
20	Heterologous expression and biochemical characterisation of cyanotoxin biosynthesis pathways. <i>Natural Product Reports</i> , 2019, 36, 1117-1136.	5.2	16
21	Physiological responses of the freshwater N ₂ -fixing cyanobacterium <i>Raphidiopsis raciborskii</i> to Fe and N availabilities. <i>Environmental Microbiology</i> , 2019, 21, 1211-1223.	1.8	7
22	Phenotypic niche partitioning and transcriptional responses of <i>Microcystis aeruginosa</i> in a spatially heterogeneous environment. <i>Algal Research</i> , 2019, 41, 101551.	2.4	8
23	Mutagenesis of the Microcystin Tailoring and Transport Proteins in a Heterologous Cyanotoxin Expression System. <i>ACS Synthetic Biology</i> , 2019, 8, 1187-1194.	1.9	7
24	Harnessing long-read amplicon sequencing to uncover NRPS and Type I PKS gene sequence diversity in polar desert soils. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	25
25	Bioinformatic, phylogenetic and chemical analysis of the UV-absorbing compounds scytonemin and mycosporine-like amino acids from the microbial mat communities of Shark Bay, Australia. <i>Environmental Microbiology</i> , 2019, 21, 702-715.	1.8	27
26	Re-evaluation of paralytic shellfish toxin profiles in cyanobacteria using hydrophilic interaction liquid chromatography-tandem mass spectrometry. <i>Toxicon</i> , 2019, 158, 1-7.	0.8	20
27	An <i>In Vitro</i> and <i>In Vivo</i> Study of Broad-Range Phosphopantetheinyl Transferases for Heterologous Expression of Cyanobacterial Natural Products. <i>ACS Synthetic Biology</i> , 2018, 7, 1143-1151.	1.9	11
28	Genome variation in nine co-occurring toxic <i>Cylindrospermopsis raciborskii</i> strains. <i>Harmful Algae</i> , 2018, 73, 157-166.	2.2	35
29	Biocrust morphology is linked to marked differences in microbial community composition. <i>Plant and Soil</i> , 2018, 429, 65-75.	1.8	46
30	Mechanisms and Effects Posed by Neurotoxic Products of Cyanobacteria/Microbial Eukaryotes/Dinoflagellates in Algae Blooms: a Review. <i>Neurotoxicity Research</i> , 2018, 33, 153-167.	1.3	38
31	Insertions within the Saxitoxin Biosynthetic Gene Cluster Result in Differential Toxin Profiles. <i>ACS Chemical Biology</i> , 2018, 13, 3107-3114.	1.6	29
32	Synthetic microbe communities provide internal reference standards for metagenome sequencing and analysis. <i>Nature Communications</i> , 2018, 9, 3096.	5.8	81
33	Cyanobacterial Community Composition and Bacteria-Bacteria Interactions Promote the Stable Occurrence of Particle-Associated Bacteria. <i>Frontiers in Microbiology</i> , 2018, 9, 777.	1.5	40
34	Viral Communities of Shark Bay Modern Stromatolites. <i>Frontiers in Microbiology</i> , 2018, 9, 1223.	1.5	32
35	Peroxide reduction by a metal-dependent catalase in <i>Nostoc punctiforme</i> (cyanobacteria). <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 3781-3800.	1.7	6
36	Lack of Methylated Hopanoids Renders the Cyanobacterium <i>Nostoc punctiforme</i> Sensitive to Osmotic and pH Stress. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	13

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37	Contrasting effects of two mammalian soil engineers on microbial communities. <i>Austral Ecology</i> , 2017, 42, 380-384.	0.7	6
38	Directing the Heterologous Production of Specific Cyanobacterial Toxin Variants. <i>ACS Chemical Biology</i> , 2017, 12, 2021-2029.	1.6	37
39	Industrial robustness linked to the gluconolactonase from <i>Zymomonas mobilis</i> . <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 5089-5099.	1.7	3
40	Molecular and morphological survey of saxitoxin-producing cyanobacterium <i>Dolichospermum circinale</i> (<i>Anabaena circinalis</i>) isolated from geographically distinct regions of Australia. <i>Toxicon</i> , 2017, 138, 68-77.	0.8	14
41	Increased methane production in cyanobacteria and methanogenic microbe co-cultures. <i>Bioresource Technology</i> , 2017, 243, 686-692.	4.8	13
42	Uranium extraction from a low-grade, stockpiled, non-sulfidic ore: Impact of added iron and the native microbial consortia. <i>Hydrometallurgy</i> , 2017, 167, 81-91.	1.8	12
43	Cytotoxic Effects of Environmental Toxins on Human Glial Cells. <i>Neurotoxicity Research</i> , 2017, 31, 245-258.	1.3	26
44	Molecular detection of hepatotoxic cyanobacteria in inland water bodies of the Marmara Region, Turkey. <i>Advances in Oceanography and Limnology</i> , 2017, 8, .	0.2	9
45	The Association of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> with Inflammatory Bowel Disease. <i>PLoS ONE</i> , 2016, 11, e0148731.	1.1	58
46	Elevated N^+ and pH influence the production and transport of saxitoxin in the cyanobacteria <i>Anabaena circinalis</i> AWQC131C and <i>Cylindrospermopsis raciborskii</i> T3. <i>Environmental Microbiology</i> , 2016, 18, 427-438.	1.8	23
47	Proteogenomics of a saxitoxin-producing and non-toxic strain of <i>Anabaena circinalis</i> (cyanobacteria) in response to extracellular NaCl and phosphate depletion. <i>Environmental Microbiology</i> , 2016, 18, 461-476.	1.8	23
48	Intraspecific variation in growth, morphology and toxin quotas for the cyanobacterium, <i>Cylindrospermopsis raciborskii</i> . <i>Toxicon</i> , 2016, 119, 307-310.	0.8	66
49	Specific global responses to N and Fe nutrition in toxic and non-toxic <i>Microcystis aeruginosa</i> . <i>Environmental Microbiology</i> , 2016, 18, 401-413.	1.8	27
50	Advances in genomics, transcriptomics and proteomics of toxin-producing cyanobacteria. <i>Environmental Microbiology Reports</i> , 2016, 8, 3-13.	1.0	24
51	Understanding the winning strategies used by the bloom-forming cyanobacterium <i>Cylindrospermopsis raciborskii</i> . <i>Harmful Algae</i> , 2016, 54, 44-53.	2.2	152
52	The genetics, biosynthesis and regulation of toxic specialized metabolites of cyanobacteria. <i>Harmful Algae</i> , 2016, 54, 98-111.	2.2	98
53	Zorbamycin has a different DNA sequence selectivity compared with bleomycin and analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 6094-6101.	1.4	7
54	Comparative Profiling and Discovery of Novel Glycosylated Mycosporine-Like Amino Acids in Two Strains of the Cyanobacterium <i>Scytonema cf. crispum</i> . <i>Applied and Environmental Microbiology</i> , 2016, 82, 5951-5959.	1.4	43

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55	Physiological and Proteomic Responses of Continuous Cultures of <i>Microcystis aeruginosa</i> PCC 7806 to Changes in Iron Bioavailability and Growth Rate. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5918-5929.	1.4	42
56	Heterologous Production of Cyanobacterial Mycosporine-Like Amino Acids Mycosporine-Ornithine and Mycosporine-Lysine in <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , 2016, 82, 6167-6173.	1.4	53
57	Mammalian engineers drive soil microbial communities and ecosystem functions across a disturbance gradient. <i>Journal of Animal Ecology</i> , 2016, 85, 1636-1646.	1.3	39
58	Combined genetic and bioactivity-based prioritization leads to the isolation of an endophyte-derived antimycobacterial compound. <i>Journal of Applied Microbiology</i> , 2016, 120, 1229-1239.	1.4	14
59	Unravelling core microbial metabolisms in the hypersaline microbial mats of Shark Bay using high-throughput metagenomics. <i>ISME Journal</i> , 2016, 10, 183-196.	4.4	147
60	Elevated nutrients change bacterial community composition and connectivity: high throughput sequencing of young marine biofilms. <i>Biofouling</i> , 2016, 32, 57-69.	0.8	87
61	Microbial communities reflect temporal changes in cyanobacterial composition in a shallow ephemeral freshwater lake. <i>ISME Journal</i> , 2016, 10, 1337-1351.	4.4	212
62	A multidrug efflux response to methyl viologen and acriflavine toxicity in the cyanobacterium <i>Synechocystis</i> sp. PCC6803. <i>Journal of Applied Phycology</i> , 2016, 28, 2793-2803.	1.5	1
63	Genome-Guided Discovery of Natural Products and Biosynthetic Pathways from Australia's Untapped Microbial Megadiversity. <i>Australian Journal of Chemistry</i> , 2016, 69, 129.	0.5	5
64	Comparative genomics between human and animal associated subspecies of the <i>Mycobacterium avium</i> complex: a basis for pathogenicity. <i>BMC Genomics</i> , 2015, 16, 695.	1.2	22
65	Characterization of two cation diffusion facilitators NpunF0707 and NpunF1794 in <i>Nostoc punctiforme</i> . <i>Journal of Applied Microbiology</i> , 2015, 119, 1357-1370.	1.4	3
66	Adaptation, Ecology, and Evolution of the Halophilic Stromatolite Archaeon <i>Halococcus hamelinensis</i> Inferred through Genome Analyses. <i>Archaea</i> , 2015, 2015, 1-11.	2.3	23
67	Temporal variations in microcystin-producing cells and microcystin concentrations in two fresh water ponds. <i>Water Research</i> , 2015, 69, 131-142.	5.3	54
68	Uranium Binding Mechanisms of the Acid-Tolerant Fungus <i>Coniochaeta fodinicola</i> . <i>Environmental Science & Technology</i> , 2015, 49, 8487-8496.	4.6	36
69	Soil-foraging animals alter the composition and co-occurrence of microbial communities in a desert shrubland. <i>ISME Journal</i> , 2015, 9, 2671-2681.	4.4	69
70	Global cellular responses to β -methyl-amino-l-alanine (BMAA) by olfactory ensheathing glial cells (OEC). <i>Toxicol</i> , 2015, 99, 136-145.	0.8	15
71	Optimisation of DNA extraction and validation of PCR assays to detect <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <i>Journal of Microbiological Methods</i> , 2015, 112, 99-103.	0.7	17
72	Constitutive <i>Cylindrospermopsin</i> Pool Size in <i>Cylindrospermopsis raciborskii</i> under Different Light and CO ₂ Partial Pressure Conditions. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3069-3076.	1.4	38

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73	The ZntA-like NpunR4017 plays a key role in maintaining homeostatic levels of zinc in <i>Nostoc punctiforme</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 10559-10574.	1.7	5
74	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015, 11, 625-631.	3.9	715
75	Exploring cyanobacterial genomes for natural product biosynthesis pathways. <i>Marine Genomics</i> , 2015, 21, 1-12.	0.4	40
76	<i>Cob</i> gene pyrosequencing enables characterization of benthic dinoflagellate diversity and biogeography. <i>Environmental Microbiology</i> , 2014, 16, 467-485.	1.8	29
77	<i>Fodinomyces uranophilus</i> gen. nov. sp. nov. and <i>Coniochaeta fodinicola</i> sp. nov., two uranium mine-inhabiting Ascomycota fungi from northern Australia. <i>Mycologia</i> , 2014, 106, 1073-1089.	0.8	43
78	Exploring the potential of endophytes from medicinal plants as sources of antimycobacterial compounds. <i>Microbiological Research</i> , 2014, 169, 483-495.	2.5	268
79	Comparative genomics of <i>Cylindrospermopsis raciborskii</i> strains with differential toxicities. <i>BMC Genomics</i> , 2014, 15, 83.	1.2	64
80	Nutrient-related changes in the toxicity of field blooms of the cyanobacterium, <i>Cylindrospermopsis raciborskii</i> . <i>FEMS Microbiology Ecology</i> , 2014, 89, 135-148.	1.3	72
81	Gene expression and molecular evolution of <i>sxtA4</i> in a saxitoxin producing dinoflagellate <i>Alexandrium catenella</i> . <i>Toxicon</i> , 2014, 92, 102-112.	0.8	24
82	High abundance of the potentially maitotoxin dinoflagellate <i>Gambierdiscus carpenteri</i> in temperate waters of New South Wales, Australia. <i>Harmful Algae</i> , 2014, 39, 134-145.	2.2	60
83	Comparative Proteomics Reveals That a Saxitoxin-Producing and a Nontoxic Strain of <i>Anabaena circinalis</i> Are Two Different Ecotypes. <i>Journal of Proteome Research</i> , 2014, 13, 1474-1484.	1.8	35
84	<i>Alexandrium diversaporum</i> sp. nov., a new non-saxitoxin producing species: Phylogeny, morphology and <i>sxtA</i> genes. <i>Harmful Algae</i> , 2014, 31, 54-65.	2.2	22
85	A feeding study to probe the uptake of Maitotoxin by snapper (<i>Pagrus auratus</i>). <i>Harmful Algae</i> , 2014, 37, 125-132.	2.2	43
86	Insights into the distribution and abundance of the ubiquitous Candidatus Saccharibacteria phylum following tag pyrosequencing. <i>Scientific Reports</i> , 2014, 4, 3957.	1.6	66
87	Diversity of cyanobacterial biomarker genes from the stromatolites of Shark Bay, Western Australia. <i>Environmental Microbiology</i> , 2013, 15, 1464-1475.	1.8	21
88	<i>Nostoc</i> , <i>Microcoleus</i> and <i>Leptolyngbya</i> inoculums are detrimental to the growth of wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.8	11
89	Microbial diversity and diazotrophy associated with the freshwater non-heterocyst forming cyanobacterium <i>Lyngbya robusta</i> . <i>Journal of Applied Phycology</i> , 2013, 25, 1039-1045.	1.5	19
90	High-Titer Heterologous Production in <i>E. coli</i> of <i>Lyngbyatoxin</i> , a Protein Kinase C Activator from an Uncultured Marine Cyanobacterium. <i>ACS Chemical Biology</i> , 2013, 8, 1888-1893.	1.6	77

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91	Functional characterization of the twin ZIP/SLC39 metal transporters, NpunF3111 and NpunF2202 in <i>Nostoc punctiforme</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 8649-8662.	1.7	12
92	Effects of hydrology and river management on the distribution, abundance and persistence of cyanobacterial blooms in the Murray River, Australia. <i>Harmful Algae</i> , 2013, 30, 27-36.	2.2	52
93	Detection of <i>Helicobacter</i> species in the gastrointestinal tract of ringtail possum and koala: Possible influence of diet, on the gut microbiota. <i>Veterinary Microbiology</i> , 2013, 166, 429-437.	0.8	7
94	Environmental conditions that influence toxin biosynthesis in cyanobacteria. <i>Environmental Microbiology</i> , 2013, 15, 1239-1253.	1.8	262
95	The chemical composition and bacteria communities in acid and metalliferous drainage from the wet-dry tropics are dependent on season. <i>Science of the Total Environment</i> , 2013, 443, 65-79.	3.9	43
96	Rapid, multiplex-tandem PCR assay for automated detection and differentiation of toxigenic cyanobacterial blooms. <i>Molecular and Cellular Probes</i> , 2013, 27, 208-214.	0.9	25
97	Cyanobacterial toxins: biosynthetic routes and evolutionary roots. <i>FEMS Microbiology Reviews</i> , 2013, 37, 23-43.	3.9	282
98	<i>Chromera velia</i> is Endosymbiotic in Larvae of the Reef Corals <i>Acropora digitifera</i> and <i>A. tenuis</i> . <i>Protist</i> , 2013, 164, 237-244.	0.6	68
99	Deep sequencing of non-ribosomal peptide synthetases and polyketide synthases from the microbiomes of Australian marine sponges. <i>ISME Journal</i> , 2013, 7, 1842-1851.	4.4	53
100	Neurotoxic Alkaloids from Cyanobacteria. , 2013, , 39-83.		5
101	Recent advances in the heterologous expression of microbial natural product biosynthetic pathways. <i>Natural Product Reports</i> , 2013, 30, 1121.	5.2	180
102	Molecular and cellular characterisation of the zinc uptake (Znu) system of <i>Nostoc punctiforme</i> . <i>FEMS Microbiology Ecology</i> , 2013, 86, 149-171.	1.3	14
103	Cliotoxicity of the cyanotoxin, β -methyl-amino-L-alanine (BMAA). <i>Scientific Reports</i> , 2013, 3, 1482.	1.6	59
104	Cost-Effectiveness Analysis of Risk-Factor Guided and Birth-Cohort Screening for Chronic Hepatitis C Infection in the United States. <i>PLoS ONE</i> , 2013, 8, e58975.	1.1	61
105	Diversity and Biosynthetic Potential of Culturable Microbes Associated with Toxic Marine Animals. <i>Marine Drugs</i> , 2013, 11, 2695-2712.	2.2	27
106	Alternariol 9-methyl ether dimethyl sulfoxide monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o872-o873.	0.2	3
107	Polyphasic evaluation of <i>Limnoraphis robusta</i> , a water-bloom forming cyanobacterium from Lake Atitlán, Guatemala, with a description of <i>Limnoraphis</i> gen. nov.. <i>Fottea</i> , 2013, 13, 39-52.	0.4	70
108	Genome Sequence of the Halophilic Archaeon <i>Halococcus hamelinensis</i> . <i>Journal of Bacteriology</i> , 2012, 194, 2100-2101.	1.0	23

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109	Alternariol 9-O-methyl ether. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1471-o1471.	0.2	7
110	Community Composition, Toxicogenicity, and Environmental Conditions during a Cyanobacterial Bloom Occurring along 1,100 Kilometers of the Murray River. <i>Applied and Environmental Microbiology</i> , 2012, 78, 263-272.	1.4	70
111	Bioactive Natural Products from Papua New Guinea Marine Sponges. <i>Chemistry and Biodiversity</i> , 2012, 9, 2077-2095.	1.0	20
112	Physiological metal uptake by <i>Nostoc punctiforme</i> . <i>BioMetals</i> , 2012, 25, 893-903.	1.8	24
113	Mutations in UVSSA cause UV-sensitive syndrome and destabilize ERCC6 in transcription-coupled DNA repair. <i>Nature Genetics</i> , 2012, 44, 593-597.	9.4	152
114	Increased incidence of <i>Cylindrospermopsis raciborskii</i> in temperate zones – Is climate change responsible?. <i>Water Research</i> , 2012, 46, 1408-1419.	5.3	165
115	A multiplex qPCR targeting hepato- and neurotoxic cyanobacteria of global significance. <i>Harmful Algae</i> , 2012, 15, 19-25.	2.2	76
116	A reinvestigation of saxitoxin production and <i>sxtA</i> in the “non-toxic” <i>Alexandrium tamarense</i> Group V clade. <i>Harmful Algae</i> , 2012, 18, 96-104.	2.2	41
117	T-FLP Fingerprinting Analysis of Bacterial Communities in Debris Cones, Northern Victoria Land, Antarctica. <i>Permafrost and Periglacial Processes</i> , 2012, 23, 244-248.	1.5	1
118	Chapter 9. Mining Cyanobacterial Genomes for Drug-Like and Bioactive Natural Products. <i>RSC Drug Discovery Series</i> , 2012, , 159-197.	0.2	0
119	Excitotoxic potential of the cyanotoxin β -methyl-amino-l-alanine (BMAA) in primary human neurons. <i>Toxicon</i> , 2012, 60, 1159-1165.	0.8	74
120	Nodularin, a cyanobacterial toxin, is synthesized <i>in planta</i> by symbiotic <i>Nostoc</i> sp.. <i>ISME Journal</i> , 2012, 6, 1834-1847.	4.4	75
121	Investigation of the Biosynthetic Potential of Endophytes in Traditional Chinese Anticancer Herbs. <i>PLoS ONE</i> , 2012, 7, e35953.	1.1	64
122	Genetic Diversity, Morphological Uniformity and Polyketide Production in Dinoflagellates (<i>Amphidinium</i> , <i>Dinoflagellata</i>). <i>PLoS ONE</i> , 2012, 7, e38253.	1.1	68
123	Culturable Endophytes of Medicinal Plants and the Genetic Basis for Their Bioactivity. <i>Microbial Ecology</i> , 2012, 64, 431-449.	1.4	64
124	Endolithic Phototrophs in Built and Natural Stone. <i>Current Microbiology</i> , 2012, 65, 183-188.	1.0	31
125	Comparative analysis of cyanobacteria in the rhizosphere and as endosymbionts of cycads in drought-affected soils. <i>FEMS Microbiology Ecology</i> , 2012, 80, 204-215.	1.3	25
126	Identification of two residues essential for the stringent substrate specificity and active site stability of the prokaryotic <i>scp</i> -arginine:glycine amidinotransferase <i>CyrA</i> . <i>FEBS Journal</i> , 2012, 279, 805-815.	2.2	11

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127	Genome of an octopus-derived <i>Pseudoalteromonas</i> reveals unprecedented natural product biosynthesis gene clusters. <i>Planta Medica</i> , 2012, 78, .	0.7	1
128	Cyanobacterial toxins: biosynthetic routes and evolutionary roots. <i>FEMS Microbiology Reviews</i> , 2012, , n/a-n/a.	3.9	2
129	Tyrocidine a from a haliclona sponge derived <i>Vibrio</i> sp. <i>Planta Medica</i> , 2012, 78, .	0.7	0
130	Deep sequencing of secondary meta-metabolomes: A preliminary screening tool for determining natural product diversity. <i>Planta Medica</i> , 2012, 78, .	0.7	0
131	Bioactive natural products from traditional Indonesian medicinal plant-associated fungi. <i>Planta Medica</i> , 2012, 78, .	0.7	2
132	Comparative Protein Expression in Different Strains of the Bloom-forming Cyanobacterium <i>Microcystis aeruginosa</i> . <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.003749.	2.5	54
133	Extraordinary Conservation, Gene Loss, and Positive Selection in the Evolution of an Ancient Neurotoxin. <i>Molecular Biology and Evolution</i> , 2011, 28, 1173-1182.	3.5	103
134	A new quantitative PCR assay for the detection of hepatotoxic cyanobacteria. <i>Toxicon</i> , 2011, 57, 546-554.	0.8	54
135	On the origins and biosynthesis of tetrodotoxin. <i>Aquatic Toxicology</i> , 2011, 104, 61-72.	1.9	184
136	<i>sxtA</i> -Based Quantitative Molecular Assay To Identify Saxitoxin-Producing Harmful Algal Blooms in Marine Waters. <i>Applied and Environmental Microbiology</i> , 2011, 77, 7050-7057.	1.4	104
137	How accurately can we detect <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> infection?. <i>Journal of Microbiological Methods</i> , 2011, 85, 1-8.	0.7	49
138	Does β -Amino- β -methylaminopropionic Acid (BMAA) Play a Role in Neurodegeneration?. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 3728-3746.	1.2	85
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