

# William H Gerwick

## List of Publications by Year in descending order

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341  
papers

22,666  
citations

7551

77  
h-index

12910

131  
g-index

375  
all docs

375  
docs citations

375  
times ranked

17016  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , 2016, 34, 828-837.	9.4	2,802
2	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015, 11, 625-631.	3.9	715
3	Lessons from the Past and Charting the Future of Marine Natural Products Drug Discovery and Chemical Biology. <i>Chemistry and Biology</i> , 2012, 19, 85-98.	6.2	523
4	Molecular Networking as a Dereplication Strategy. <i>Journal of Natural Products</i> , 2013, 76, 1686-1699.	1.5	475
5	Structure and Biosynthesis of the Jamaicamides, New Mixed Polyketide-Peptide Neurotoxins from the Marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Chemistry and Biology</i> , 2004, 11, 817-833.	6.2	453
6	Retrospective analysis of natural products provides insights for future discovery trends. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5601-5606.	3.3	382
7	Structure of Curacin A, a Novel Antimitotic, Antiproliferative and Brine Shrimp Toxic Natural Product from the Marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Organic Chemistry</i> , 1994, 59, 1243-1245.	1.7	344
8	Systematic classification of unknown metabolites using high-resolution fragmentation mass spectra. <i>Nature Biotechnology</i> , 2021, 39, 462-471.	9.4	317
9	Biosynthetic Pathway and Gene Cluster Analysis of Curacin A, an Antitubulin Natural Product from the Tropical Marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 2004, 67, 1356-1367.	1.5	286
10	The Genom isotopic Approach: A Systematic Method to Isolate Products of Orphan Biosynthetic Gene Clusters. <i>Chemistry and Biology</i> , 2007, 14, 53-63.	6.2	285
11	Biologically active secondary metabolites from marine cyanobacteria. <i>Current Opinion in Biotechnology</i> , 2010, 21, 787-793.	3.3	252
12	<i>Moorea producens</i> gen. nov., sp. nov. and <i>Moorea bouillonii</i> comb. nov., tropical marine cyanobacteria rich in bioactive secondary metabolites. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1171-1178.	0.8	241
13	The barbamide biosynthetic gene cluster: a novel marine cyanobacterial system of mixed polyketide synthase (PKS)-non-ribosomal peptide synthetase (NRPS) origin involving an unusual trichloroleucyl starter unit. <i>Gene</i> , 2002, 296, 235-247.	1.0	216
14	Lyngbyatoxin Biosynthesis: Sequence of Biosynthetic Gene Cluster and Identification of a Novel Aromatic Prenyltransferase. <i>Journal of the American Chemical Society</i> , 2004, 126, 11432-11433.	6.6	203
15	Biosynthetic origin of natural products isolated from marine microorganism "invertebrate assemblages". <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4587-4594.	3.3	196
16	The Identification and Characterization of the Marine Natural Product Scytonemin as a Novel Antiproliferative Pharmacophore. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 303, 858-866.	1.3	193
17	Coibamide A, a Potent Antiproliferative Cyclic Depsipeptide from the Panamanian Marine Cyanobacterium <i>Leptolyngbya</i> sp.. <i>Journal of the American Chemical Society</i> , 2008, 130, 6324-6325.	6.6	192
18	Characterization of Cyanobacterial Hydrocarbon Composition and Distribution of Biosynthetic Pathways. <i>PLoS ONE</i> , 2014, 9, e85140.	1.1	190

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19	One- and two-dimensional gradient-selected HSQMBC NMR experiments for the efficient analysis of long-range heteronuclear coupling constants. <i>Magnetic Resonance in Chemistry</i> , 2000, 38, 265-273.	1.1	187
20	Barbamide, a Chlorinated Metabolite with Molluscicidal Activity from the Caribbean Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 1996, 59, 427-430.	1.5	173
21	Symplocamide A, a Potent Cytotoxin and Chymotrypsin Inhibitor from the Marine Cyanobacterium <i>Symploca</i> sp.. <i>Journal of Natural Products</i> , 2008, 71, 22-27.	1.5	172
22	Metamorphic enzyme assembly in polyketide diversification. <i>Nature</i> , 2009, 459, 731-735.	13.7	165
23	Survey of NMR experiments for the determination of $J(C,H)$ heteronuclear coupling constants in small molecules. <i>Magnetic Resonance in Chemistry</i> , 2001, 39, 499-530.	1.1	162
24	Structure and Absolute Stereochemistry of Hectochlorin, a Potent Stimulator of Actin Assembly. <i>Journal of Natural Products</i> , 2002, 65, 866-871.	1.5	159
25	Survey of marine natural product structure revisions: A synergy of spectroscopy and chemical synthesis. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 6675-6701.	1.4	158
26	Combining Mass Spectrometric Metabolic Profiling with Genomic Analysis: A Powerful Approach for Discovering Natural Products from Cyanobacteria. <i>Journal of Natural Products</i> , 2015, 78, 1671-1682.	1.5	156
27	Antillatoxin: An Exceptionally Ichthyotoxic Cyclic Lipopeptide from the Tropical Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of the American Chemical Society</i> , 1995, 117, 8281-8282.	6.6	155
28	Antimalarial Peptides from Marine Cyanobacteria: Isolation and Structural Elucidation of Gallinamide A. <i>Journal of Natural Products</i> , 2009, 72, 14-17.	1.5	147
29	Nitrogen-containing metabolites from marine cyanobacteria. <i>The Alkaloids Chemistry and Biology</i> , 2001, 57, 75-184.	0.8	145
30	Antimalarial Linear Lipopeptides from a Panamanian Strain of the Marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 2007, 70, 984-988.	1.5	143
31	Apratoxin D, a Potent Cytotoxic Cyclodepsipeptide from Papua New Guinea Collections of the Marine Cyanobacteria <i>Lyngbya majuscula</i> and <i>Lyngbya sordida</i> . <i>Journal of Natural Products</i> , 2008, 71, 1099-1103.	1.5	141
32	Tanikolide, a Toxic and Antifungal Lactone from the Marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 1999, 62, 1333-1335.	1.5	136
33	Structure, Synthesis, and Biological Properties of Kalkitoxin, a Novel Neurotoxin from the Marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of the American Chemical Society</i> , 2000, 122, 12041-12042.	6.6	136
34	Single Cell Genome Amplification Accelerates Identification of the Apratoxin Biosynthetic Pathway from a Complex Microbial Assemblage. <i>PLoS ONE</i> , 2011, 6, e18565.	1.1	132
35	NPClassifier: A Deep Neural Network-Based Structural Classification Tool for Natural Products. <i>Journal of Natural Products</i> , 2021, 84, 2795-2807.	1.5	131
36	Imaging mass spectrometry of natural products. <i>Natural Product Reports</i> , 2009, 26, 1521.	5.2	127

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37	Isolation of Swinholide A and Related Glycosylated Derivatives from Two Field Collections of Marine Cyanobacteria. <i>Organic Letters</i> , 2005, 7, 1375-1378.	2.4	125
38	The chemical ecology of cyanobacteria. <i>Natural Product Reports</i> , 2012, 29, 372.	5.2	125
39	Cloning and Biochemical Characterization of the Hectochlorin Biosynthetic Gene Cluster from the Marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 2007, 70, 1977-1986.	1.5	122
40	Viridamides A and B, Lipodepsipeptides with Antiprotozoal Activity from the Marine Cyanobacterium <i>Oscillatoria nigro-viridis</i> . <i>Journal of Natural Products</i> , 2008, 71, 1544-1550.	1.5	119
41	A Convolutional Neural Network-Based Approach for the Rapid Annotation of Molecularly Diverse Natural Products. <i>Journal of the American Chemical Society</i> , 2020, 142, 4114-4120.	6.6	114
42	Aurilides B and C, Cancer Cell Toxins from a Papua New Guinea Collection of the Marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 2006, 69, 572-575.	1.5	111
43	GNAT-Like Strategy for Polyketide Chain Initiation. <i>Science</i> , 2007, 318, 970-974.	6.0	108
44	Drug Discovery from Marine Microbes. <i>Microbial Ecology</i> , 2013, 65, 800-806.	1.4	104
45	The unique mechanistic transformations involved in the biosynthesis of modular natural products from marine cyanobacteria. <i>Natural Product Reports</i> , 2010, 27, 1048.	5.2	103
46	The marine lipopeptide somocystinamide A triggers apoptosis via caspase 8. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2313-2318.	3.3	101
47	Evolved Diversification of a Modular Natural Product Pathway: Apratoxins F and G, Two Cytotoxic Cyclic Depsipeptides from a Palmyra Collection of <i>Lyngbya bouillonii</i> . <i>ChemBioChem</i> , 2010, 11, 1458-1466.	1.3	101
48	Cyanobacterial Polyketide Synthase Docking Domains: A Tool for Engineering Natural Product Biosynthesis. <i>Chemistry and Biology</i> , 2013, 20, 1340-1351.	6.2	100
49	Almiramides A-C: Discovery and Development of a New Class of Leishmaniasis Lead Compounds. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4187-4197.	2.9	99
50	Genomic insights into the physiology and ecology of the marine filamentous cyanobacterium <i>Lyngbya majuscula</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8815-8820.	3.3	99
51	Identification of the cellular site of polychlorinated peptide biosynthesis in the marine sponge <i>Dysidea</i> ( <i>Lamellodysidea</i> ) <i>herbacea</i> and symbiotic cyanobacterium <i>Oscillatoria spongelliae</i> by CARD-FISH analysis. <i>Marine Biology</i> , 2005, 147, 761-774.	0.7	98
52	The Carmaphycins: New Proteasome Inhibitors Exhibiting an Epoxyketone Warhead from a Marine Cyanobacterium. <i>ChemBioChem</i> , 2012, 13, 810-817.	1.3	98
53	Grenadadiene and Grenadamide, Cyclopropyl-Containing Fatty Acid Metabolites from the Marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 1998, 61, 681-684.	1.5	96
54	Structure and Absolute Stereochemistry of Phormidolide, a New Toxic Metabolite from the Marine Cyanobacterium <i>Phormidium</i> sp.. <i>Journal of Organic Chemistry</i> , 2002, 67, 7927-7936.	1.7	96

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55	Lyngbyabellin B, a Toxic and Antifungal Secondary Metabolite from the Marine Cyanobacterium <i>Lyngbyamajuscula</i> . <i>Journal of Natural Products</i> , 2000, 63, 1440-1443.	1.5	95
56	Cytotoxic Veraguamides, Alkynyl Bromide-Containing Cyclic Depsipeptides from the Marine Cyanobacterium cf. <i>Oscillatoria margaritifera</i> . <i>Journal of Natural Products</i> , 2011, 74, 928-936.	1.5	95
57	Screening cultured marine microalgae for anticancer-type activity. <i>Journal of Applied Phycology</i> , 1994, 6, 143-149.	1.5	93
58	Dragonamide E, a Modified Linear Lipopeptide from <i>Lyngbya majuscula</i> with Antileishmanial Activity. <i>Journal of Natural Products</i> , 2010, 73, 60-66.	1.5	92
59	Honaucins Aâˆ²C, Potent Inhibitors of Inflammation and Bacterial Quorum Sensing: Synthetic Derivatives and Structure-Activity Relationships. <i>Chemistry and Biology</i> , 2012, 19, 589-598.	6.2	92
60	The value of universally available raw NMR data for transparency, reproducibility, and integrity in natural product research. <i>Natural Product Reports</i> , 2019, 36, 35-107.	5.2	92
61	Five chemically rich species of tropical marine cyanobacteria of the genus <i>Okeania</i> gen. nov. ( <i>Oscillatoriales</i> , <i>Cyanoprokaryota</i> ). <i>Journal of Phycology</i> , 2013, 49, 1095-1106.	1.0	91
62	The Hoiamides, Structurally Intriguing Neurotoxic Lipopeptides from Papua New Guinea Marine Cyanobacteria. <i>Journal of Natural Products</i> , 2010, 73, 1411-1421.	1.5	90
63	Natural Products Chemistry and Taxonomy of the Marine Cyanobacterium <i>Blennothrix cantharidosmum</i> . <i>Journal of Natural Products</i> , 2008, 71, 1530-1537.	1.5	89
64	Changes in secondary metabolic profiles of <i>Microcystis aeruginosa</i> strains in response to intraspecific interactions. <i>Environmental Microbiology</i> , 2016, 18, 384-400.	1.8	89
65	New tricks from ancient algae: natural products biosynthesis in marine cyanobacteria. <i>Current Opinion in Chemical Biology</i> , 2009, 13, 216-223.	2.8	88
66	Polyketide Decarboxylative Chain Termination Preceded by <i>O</i> -Sulfonation in Curacin A Biosynthesis. <i>Journal of the American Chemical Society</i> , 2009, 131, 16033-16035.	6.6	88
67	Apratoxin Kills Cells by Direct Blockade of the Sec61 Protein Translocation Channel. <i>Cell Chemical Biology</i> , 2016, 23, 561-566.	2.5	87
68	Organization, Evolution, and Expression Analysis of the Biosynthetic Gene Cluster for Scytonemin, a Cyanobacterial UV-Absorbing Pigment. <i>Applied and Environmental Microbiology</i> , 2009, 75, 4861-4869.	1.4	86
69	Palmyramide A, a Cyclic Depsipeptide from a Palmyra Atoll Collection of the Marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 2010, 73, 393-398.	1.5	84
70	Interpretation of Tandem Mass Spectra Obtained from Cyclic Nonribosomal Peptides. <i>Analytical Chemistry</i> , 2009, 81, 4200-4209.	3.2	83
71	Lyngbouilloside, a Novel Glycosidic Macrolide from the Marine Cyanobacterium <i>Lyngbyabouillonii</i> . <i>Journal of Natural Products</i> , 2002, 65, 925-928.	1.5	82
72	The Guineamides, Novel Cyclic Depsipeptides from a Papua New Guinea Collection of the Marine Cyanobacterium <i>Lyngbyamajuscula</i> . <i>Journal of Natural Products</i> , 2003, 66, 764-771.	1.5	82

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73	Hoiamide A, a Sodium Channel Activator of Unusual Architecture from a Consortium of Two Papua New Guinea Cyanobacteria. <i>Chemistry and Biology</i> , 2009, 16, 893-906.	6.2	82
74	Optimization study on the hydrogen peroxide pretreatment and production of bioethanol from seaweed <i>Ulva prolifera</i> biomass. <i>Bioresource Technology</i> , 2016, 214, 144-149.	4.8	82
75	Dereplication and de novo sequencing of nonribosomal peptides. <i>Nature Methods</i> , 2009, 6, 596-599.	9.0	81
76	Somamides A and B, Two New Depsipeptide Analogues of Dolastatin 13 from a Fijian Cyanobacterial Assemblage of <i>Lyngbya majuscula</i> and <i>Schizothrix</i> Species. <i>Journal of Natural Products</i> , 2001, 64, 716-719.	1.5	80
77	Belamide A, a new antimitotic tetrapeptide from a Panamanian marine cyanobacterium. <i>Tetrahedron Letters</i> , 2006, 47, 3387-3390.	0.7	80
78	The Wewakpeptins, Cyclic Depsipeptides from a Papua New Guinea Collection of the Marine Cyanobacterium <i>Lyngbyasemiplena</i> . <i>Journal of Organic Chemistry</i> , 2005, 70, 3133-3139.	1.7	78
79	Carmabins A and B, New Lipopeptides from the Caribbean Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 1998, 61, 529-533.	1.5	77
80	Isolation of Four New Cyclic Depsipeptides, Antanapeptins A-D, and Dolastatin 16 from a Madagascan Collection of <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 2002, 65, 21-24.	1.5	77
81	High-Titer Heterologous Production in <i>E. coli</i> of Lyngbyatoxin, a Protein Kinase C Activator from an Uncultured Marine Cyanobacterium. <i>ACS Chemical Biology</i> , 2013, 8, 1888-1893.	1.6	77
82	Comparative genomics uncovers the prolific and distinctive metabolic potential of the cyanobacterial genus <i>Moorea</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3198-3203.	3.3	77
83	Yanucamides A and B, Two New Depsipeptides from an Assemblage of the Marine Cyanobacteria <i>Lyngbyamajuscula</i> and <i>Schizothrix</i> Species. <i>Journal of Natural Products</i> , 2000, 63, 197-200.	1.5	75
84	Isolation and structure of five lyngbyabellin derivatives from a Papua New Guinea collection of the marine cyanobacterium <i>Lyngbya majuscula</i> . <i>Tetrahedron</i> , 2005, 61, 11723-11729.	1.0	75
85	Hermitamides A and B, Toxic Malyngamide-Type Natural Products from the Marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 2000, 63, 952-955.	1.5	74
86	Curacin D, aN antimitotic agent from the marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Phytochemistry</i> , 1998, 49, 2387-2389.	1.4	73
87	Three new malyngamides from the marine cyanobacterium <i>Lyngbya majuscula</i> . <i>Tetrahedron</i> , 1997, 53, 15983-15990.	1.0	71
88	Palmyrolide A, an Unusually Stabilized Neuroactive Macrolide from Palmyra Atoll Cyanobacteria. <i>Organic Letters</i> , 2010, 12, 4490-4493.	2.4	71
89	Antillatoxin B, a Neurotoxic Lipopeptide from the Marine Cyanobacterium <i>Lyngbyamajuscula</i> . <i>Journal of Natural Products</i> , 2001, 64, 983-985.	1.5	70
90	Underestimated biodiversity as a major explanation for the perceived rich secondary metabolite capacity of the cyanobacterial genus <i>Lyngbya</i> . <i>Environmental Microbiology</i> , 2011, 13, 1601-1610.	1.8	70

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91	Development of a Potent Inhibitor of the <i>Plasmodium</i> Proteasome with Reduced Mammalian Toxicity. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6721-6732.	2.9	70
92	Two new icosapentaenoic acids from the temperate red seaweed <i>Ptilota filicina</i> J. Agardh. <i>Lipids</i> , 1987, 22, 190-194.	0.7	68
93	Malyngamide H, an Ichthyotoxic Amide Possessing a New Carbon Skeleton from the Caribbean Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 1995, 58, 764-768.	1.5	68
94	Somocystinamide A, a Novel Cytotoxic Disulfide Dimer from a Fijian Marine Cyanobacterial Mixed Assemblage. <i>Organic Letters</i> , 2002, 4, 1095-1098.	2.4	68
95	Bastimolide A, a Potent Antimalarial Polyhydroxy Macrolide from the Marine Cyanobacterium <i>Okeania hirsuta</i> . <i>Journal of Organic Chemistry</i> , 2015, 80, 7849-7855.	1.7	68
96	Terminal Alkene Formation by the Thioesterase of Curacin A Biosynthesis. <i>Journal of Biological Chemistry</i> , 2011, 286, 14445-14454.	1.6	67
97	Lyngbyabellins from Two Palmyra Atoll Collections of the Marine Cyanobacterium <i>Moorea bouillonii</i> . <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5141-5150.	1.2	67
98	Phylogenetic Inferences Reveal a Large Extent of Novel Biodiversity in Chemically Rich Tropical Marine Cyanobacteria. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1882-1888.	1.4	67
99	Small Molecule Accurate Recognition Technology (SMART) to Enhance Natural Products Research. <i>Scientific Reports</i> , 2017, 7, 14243.	1.6	67
100	Cyanolide A, a Glycosidic Macrolide with Potent Molluscicidal Activity from the Papua New Guinea Cyanobacterium <i>Lyngbya bouillonii</i> . <i>Journal of Natural Products</i> , 2010, 73, 217-220.	1.5	65
101	Malyngamide 2, an Oxidized Lipopeptide with Nitric Oxide Inhibiting Activity from a Papua New Guinea Marine Cyanobacterium. <i>Journal of Natural Products</i> , 2011, 74, 95-98.	1.5	65
102	16S rRNA GENE HETEROGENEITY IN THE FILAMENTOUS MARINE CYANOBACTERIAL GENUS <i>LYNGBYA</i> . <i>Journal of Phycology</i> , 2010, 46, 591-601.	1.0	64
103	Santacruzamate A, a Potent and Selective Histone Deacetylase Inhibitor from the Panamanian Marine Cyanobacterium cf. <i>Symploca</i> sp.. <i>Journal of Natural Products</i> , 2013, 76, 2026-2033.	1.5	64
104	MS/MS-based networking and peptidogenomics guided genome mining revealed the stenothricin gene cluster in <i>Streptomyces roseosporus</i> . <i>Journal of Antibiotics</i> , 2014, 67, 99-104.	1.0	64
105	Heterologous Production of 4-O-Demethylbarbamide, a Marine Cyanobacterial Natural Product. <i>Organic Letters</i> , 2012, 14, 5824-5827.	2.4	62
106	Viequeamide A, a Cytotoxic Member of the Kulolide Superfamily of Cyclic Depsipeptides from a Marine Button Cyanobacterium. <i>Journal of Natural Products</i> , 2012, 75, 1560-1570.	1.5	60
107	Integrating Molecular Networking and Biological Assays To Target the Isolation of a Cytotoxic Cyclic Octapeptide, Samoamide A, from an American Samoan Marine Cyanobacterium. <i>Journal of Natural Products</i> , 2017, 80, 625-633.	1.5	60
108	Hoiamide D, a marine cyanobacteria-derived inhibitor of p53/MDM2 interaction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 683-688.	1.0	59

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109	Bioprospecting Portuguese Atlantic coast cyanobacteria for bioactive secondary metabolites reveals untapped chemodiversity. <i>Algal Research</i> , 2015, 9, 218-226.	2.4	59
110	Alotamide A, a Novel Neuropharmacological Agent from the Marine Cyanobacterium <i>Lyngbya bouillonii</i> . <i>Organic Letters</i> , 2009, 11, 4704-4707.	2.4	58
111	The Natural Products Chemistry of Cyanobacteria. , 2010, , 141-188.		58
112	Quantitative molecular networking to profile marine cyanobacterial metabolomes. <i>Journal of Antibiotics</i> , 2014, 67, 105-112.	1.0	58
113	Apratoxin A Shows Novel Pancreas-Targeting Activity through the Binding of Sec 61. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 1208-1216.	1.9	58
114	Activity Screening of Carrier Domains within Nonribosomal Peptide Synthetases Using Complex Substrate Mixtures and Large Molecule Mass Spectrometry. <i>Biochemistry</i> , 2006, 45, 1537-1546.	1.2	57
115	The Marine Cyanobacterial Metabolite Gallinamide A Is a Potent and Selective Inhibitor of Human Cathepsin L. <i>Journal of Natural Products</i> , 2014, 77, 92-99.	1.5	57
116	Fucoxanthin, a Marine Carotenoid, Attenuates $\text{A}\beta$ -Amyloid Oligomer-Induced Neurotoxicity Possibly via Regulating the PI3K/Akt and the ERK Pathways in SH-SY5Y Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	1.9	57
117	Epoxy allylic carbocations as conceptual intermediates in the biogenesis of diverse marine oxylipins. <i>Lipids</i> , 1996, 31, 1215-1231.	0.7	56
118	Structural and Synthetic Investigations of Tanikolide Dimer, a SIRT2 Selective Inhibitor, and Tanikolide <i>seco</i> -Acid from the Madagascar Marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Organic Chemistry</i> , 2009, 74, 5267-5275.	1.7	56
119	Unique marine derived cyanobacterial biosynthetic genes for chemical diversity. <i>Natural Product Reports</i> , 2016, 33, 348-364.	5.2	56
120	Malyngamide I from the tropical marine cyanobacterium <i>Lyngbya majuscula</i> and the probable structure revision of stylocheilamide. <i>Tetrahedron Letters</i> , 1995, 36, 7837-7840.	0.7	55
121	Combined LC-MS/MS and Molecular Networking Approach Reveals New Cyanotoxins from the 2014 Cyanobacterial Bloom in Green Lake, Seattle. <i>Environmental Science &amp; Technology</i> , 2015, 49, 14301-14310.	4.6	55
122	Crossbyanols A-D, Toxic Brominated Polyphenyl Ethers from the Hawaiian Bloom-Forming Cyanobacterium <i>Leptolyngbya crossbyana</i> . <i>Journal of Natural Products</i> , 2010, 73, 517-522.	1.5	54
123	Assessment of <i>Anabaena</i> sp. Strain PCC 7120 as a Heterologous Expression Host for Cyanobacterial Natural Products: Production of Lyngbyatoxin A. <i>ACS Synthetic Biology</i> , 2016, 5, 978-988.	1.9	53
124	Antibiotic activity of lipid-soluble extracts from Caribbean marine algae. <i>Hydrobiologia</i> , 1987, 151-152, 463-469.	1.0	52
125	Semiplenamides A-G, Fatty Acid Amides from a Papua New Guinea Collection of the Marine Cyanobacterium <i>Lyngbya semiplena</i> . <i>Journal of Natural Products</i> , 2003, 66, 1364-1368.	1.5	52
126	Antitumor Activity of Hierridin B, a Cyanobacterial Secondary Metabolite Found in both Filamentous and Unicellular Marine Strains. <i>PLoS ONE</i> , 2013, 8, e69562.	1.1	52



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127	Curacins B and C, New Antimitotic Natural Products from the Marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 1995, 58, 1961-1965.	1.5	50
128	Crystal Structure of the ECH2 Catalytic Domain of CurF from <i>Lyngbya majuscula</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 35954-35963.	1.6	50
129	Malyngolide Dimer, a Bioactive Symmetric Cyclodepside from the Panamanian Marine Cyanobacterium <i>Lyngbya majuscula</i> . <i>Journal of Natural Products</i> , 2010, 73, 709-711.	1.5	50
130	Marine natural products as potential anti-tubercular agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 165, 273-292.	2.6	50
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