

# Bradley S Moore

## List of Publications by Year in descending order

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182  
papers

20,411  
citations

14644

66  
h-index

11303

136  
g-index

195  
all docs

195  
docs citations

195  
times ranked

17047  
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	Ribosomally synthesized and post-translationally modified peptide natural products: overview and recommendations for a universal nomenclature. <i>Natural Product Reports</i> , 2013, 30, 108-160.	5.2	1,692
3	Mass spectral molecular networking of living microbial colonies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1743-52.	3.3	804
4	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015, 11, 625-631.	3.9	715
5	Genomic basis for natural product biosynthetic diversity in the actinomycetes. <i>Natural Product Reports</i> , 2009, 26, 1362.	5.2	645
6	Molecular Evidence for a Uniform Microbial Community in Sponges from Different Oceans. <i>Applied and Environmental Microbiology</i> , 2002, 68, 4431-4440.	1.4	621
7	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
8	Genome sequencing reveals complex secondary metabolome in the marine actinomycete <i>Salinispora tropica</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10376-10381.	3.3	502
9	Direct cloning and refactoring of a silent lipopeptide biosynthetic gene cluster yields the antibiotic taromycin A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1957-1962.	3.3	403
10	Microbial and biochemical basis of a <i>Fusarium</i> wilt-suppressive soil. <i>ISME Journal</i> , 2016, 10, 119-129.	4.4	355
11	A mass spectrometry-guided genome mining approach for natural product peptidogenomics. <i>Nature Chemical Biology</i> , 2011, 7, 794-802.	3.9	329
12	Enzymatic Halogenation and Dehalogenation Reactions: Pervasive and Mechanistically Diverse. <i>Chemical Reviews</i> , 2017, 117, 5619-5674.	23.0	281
13	MS/MS networking guided analysis of molecule and gene cluster families. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2611-20.	3.3	250
14	Biosynthesis of polybrominated aromatic organic compounds by marine bacteria. <i>Nature Chemical Biology</i> , 2014, 10, 640-647.	3.9	246
15	Identification of Thiotetronic Acid Antibiotic Biosynthetic Pathways by Target-directed Genome Mining. <i>ACS Chemical Biology</i> , 2015, 10, 2841-2849.	1.6	238
16	Salinosporamide Natural Products: Potent 20S Proteasome Inhibitors as Promising Cancer Chemotherapeutics. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9346-9367.	7.2	214
17	Discovery and characterization of a marine bacterial SAM-dependent chlorinase. <i>Nature Chemical Biology</i> , 2008, 4, 69-74.	3.9	206
18	Exploring the Chemistry and Biology of Vanadium-dependent Haloperoxidases. <i>Journal of Biological Chemistry</i> , 2009, 284, 18577-18581.	1.6	197

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19	Merochlorins Aâ€“D, Cyclic Meroterpenoid Antibiotics Biosynthesized in Divergent Pathways with Vanadium-Dependent Chloroperoxidases. <i>Journal of the American Chemical Society</i> , 2012, 134, 11988-11991.	6.6	181
20	Genomic islands link secondary metabolism to functional adaptation in marine Actinobacteria. <i>ISME Journal</i> , 2009, 3, 1193-1203.	4.4	175
21	Reinvigorating natural product combinatorial biosynthesis with synthetic biology. <i>Nature Chemical Biology</i> , 2015, 11, 649-659.	3.9	175
22	Biosynthesis of the salinosporamide A polyketide synthase substrate chloroethylmalonyl-coenzyme A from <i>S</i> -adenosyl-L-methionine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12295-12300.	3.3	169
23	Biosynthesis and Structures of Cyclomarins and Cyclomarazines, Prenylated Cyclic Peptides of Marine Actinobacterial Origin. <i>Journal of the American Chemical Society</i> , 2008, 130, 4507-4516.	6.6	168
24	Molecular Basis for Chloronium-mediated Meroterpene Cyclization. <i>Journal of Biological Chemistry</i> , 2007, 282, 16362-16368.	1.6	157
25	Bacterial Biosynthesis and Maturation of the Didemnin Anti-cancer Agents. <i>Journal of the American Chemical Society</i> , 2012, 134, 8625-8632.	6.6	155
26	The marine actinomycete genus <i>Salinispora</i> : a model organism for secondary metabolite discovery. <i>Natural Product Reports</i> , 2015, 32, 738-751.	5.2	155
27	Cloning, sequencing and analysis of the enterocin biosynthesis gene cluster from the marine isolate <i>Streptomyces maritimus</i> <sup>TM</sup> : evidence for the derailment of an aromatic polyketide synthase. <i>Chemistry and Biology</i> , 2000, 7, 943-955.	6.2	153
28	Molecular Networking and Pattern-Based Genome Mining Improves Discovery of Biosynthetic Gene Clusters and their Products from <i>Salinispora</i> Species. <i>Chemistry and Biology</i> , 2015, 22, 460-471.	6.2	150
29	Enzymatic Cascade Reactions in Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6846-6879.	7.2	150
30	Crystal Structure of a Bacterial Type III Polyketide Synthase and Enzymatic Control of Reactive Polyketide Intermediates. <i>Journal of Biological Chemistry</i> , 2004, 279, 45162-45174.	1.6	149
31	Flavin-mediated dual oxidation controls an enzymatic Favorskii-type rearrangement. <i>Nature</i> , 2013, 503, 552-556.	13.7	147
32	Biosynthesis of the Allylmalonyl-CoA Extender Unit for the FK506 Polyketide Synthase Proceeds through a Dedicated Polyketide Synthase and Facilitates the Mutasythesis of Analogues. <i>Journal of the American Chemical Society</i> , 2011, 133, 976-985.	6.6	143
33	Binding of Two Flaviolin Substrate Molecules, Oxidative Coupling, and Crystal Structure of <i>Streptomyces coelicolor</i> A3(2) Cytochrome P450 158A2. <i>Journal of Biological Chemistry</i> , 2005, 280, 11599-11607.	1.6	142
34	Metagenomic discovery of polybrominated diphenyl ether biosynthesis by marine sponges. <i>Nature Chemical Biology</i> , 2017, 13, 537-543.	3.9	141
35	Automated Genome Mining of Ribosomal Peptide Natural Products. <i>ACS Chemical Biology</i> , 2014, 9, 1545-1551.	1.6	133
36	Beyond ethylmalonyl-CoA: The functional role of crotonyl-CoA carboxylase/reductase homologs in expanding polyketide diversity. <i>Natural Product Reports</i> , 2012, 29, 72-86.	5.2	128

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37	Enzymatic total synthesis of enterocin polyketides. <i>Nature Chemical Biology</i> , 2007, 3, 557-558.	3.9	127
38	Biosynthesis of the neurotoxin domoic acid in a bloom-forming diatom. <i>Science</i> , 2018, 361, 1356-1358.	6.0	124
39	Indexing the <i>Pseudomonas</i> specialized metabolome enabled the discovery of poaeamide B and the bananamides. <i>Nature Microbiology</i> , 2017, 2, 16197.	5.9	121
40	Engineering Fluorometabolite Production: Fluorinase Expression in <i>Salinispora tropica</i> Yields Fluorosalinoporamide. <i>Journal of Natural Products</i> , 2010, 73, 378-382.	1.5	120
41	Mutasynthesis of Fluorosalinoporamide, a Potent and Reversible Inhibitor of the Proteasome. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3936-3938.	7.2	116
42	A sea of biosynthesis: marine natural products meet the molecular age. <i>Natural Product Reports</i> , 2011, 28, 411-428.	5.2	112
43	Mining genomes to illuminate the specialized chemistry of life. <i>Nature Reviews Genetics</i> , 2021, 22, 553-571.	7.7	111
44	Biosynthesis of <i>Dictyostelium discoideum</i> differentiation-inducing factor by a hybrid type I fatty acid type III polyketide synthase. <i>Nature Chemical Biology</i> , 2006, 2, 494-502.	3.9	110
45	A Stereoselective Vanadium-Dependent Chloroperoxidase in Bacterial Antibiotic Biosynthesis. <i>Journal of the American Chemical Society</i> , 2011, 133, 4268-4270.	6.6	109
46	Genetic platforms for heterologous expression of microbial natural products. <i>Natural Product Reports</i> , 2019, 36, 1313-1332.	5.2	109
47	Prioritizing Natural Product Diversity in a Collection of 146 Bacterial Strains Based on Growth and Extraction Protocols. <i>Journal of Natural Products</i> , 2017, 80, 588-597.	1.5	105
48	Glycogenomics as a mass spectrometry-guided genome-mining method for microbial glycosylated molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4407-16.	3.3	101
49	EncM, a versatile enterocin biosynthetic enzyme involved in Favorskii oxidative rearrangement, aldol condensation, and heterocycle-forming reactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15609-15614.	3.3	99
50	Targeted Capture and Heterologous Expression of the <i>Pseudoalteromonas</i> Alterochromide Gene Cluster in <i>Escherichia coli</i> Represents a Promising Natural Product Exploratory Platform. <i>ACS Synthetic Biology</i> , 2015, 4, 414-420.	1.9	98
51	Structure and Biosynthesis of the Marine Streptomycete Ansamycin Ansalactam A and Its Distinctive Branched Chain Polyketide Extender Unit. <i>Journal of the American Chemical Society</i> , 2011, 133, 1971-1977.	6.6	95
52	Directed natural product biosynthesis gene cluster capture and expression in the model bacterium <i>Bacillus subtilis</i> . <i>Scientific Reports</i> , 2015, 5, 9383.	1.6	95
53	Comparative transcriptomics as a guide to natural product discovery and biosynthetic gene cluster functionality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E11121-E11130.	3.3	94
54	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

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55	Advances in and applications of proteasome inhibitors. <i>Current Opinion in Chemical Biology</i> , 2008, 12, 434-440.	2.8	88
56	One-Pot Enzymatic Synthesis of Merochlorin A and B. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11019-11022.	7.2	85
57	[7.7]Paracyclophanes from blue-green algae. <i>Journal of the American Chemical Society</i> , 1990, 112, 4061-4063.	6.6	83
58	Flavoenzyme-Catalyzed Atropo-Selective <i>N,C</i> -Bipyrrole Homocoupling in Marinopyrrole Biosynthesis. <i>Journal of the American Chemical Society</i> , 2012, 134, 12434-12437.	6.6	83
59	Bioactivity-Guided Genome Mining Reveals the Lomaiviticin Biosynthetic Gene Cluster in <i>Salinispora tropica</i> . <i>ChemBioChem</i> , 2013, 14, 955-962.	1.3	82
60	NRPquest: Coupling Mass Spectrometry and Genome Mining for Nonribosomal Peptide Discovery. <i>Journal of Natural Products</i> , 2014, 77, 1902-1909.	1.5	81
61	Biosynthesis of coral settlement cue tetrabromopyrrole in marine bacteria by a uniquely adapted brominase-thioesterase enzyme pair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3797-3802.	3.3	81
62	A community resource for paired genomic and metabolomic data mining. <i>Nature Chemical Biology</i> , 2021, 17, 363-368.	3.9	81
63	Biochemical Establishment and Characterization of EncM's Flavin-N5-oxide Cofactor. <i>Journal of the American Chemical Society</i> , 2015, 137, 8078-8085.	6.6	80
64	Biosynthetic Convergence of Salinosporamides A and B in the Marine Actinomycete <i>Salinispora tropica</i> . <i>Organic Letters</i> , 2007, 9, 845-848.	2.4	75
65	Divergent biosynthesis yields a cytotoxic aminomalonate-containing precolibactin. <i>Nature Chemical Biology</i> , 2016, 12, 773-775.	3.9	74
66	Structures and Comparative Characterization of Biosynthetic Gene Clusters for Cyanosporasides, Eneidyne-Derived Natural Products from Marine Actinomycetes. <i>Journal of the American Chemical Society</i> , 2013, 135, 4171-4174.	6.6	73
67	Recent advances in the biosynthesis of unusual polyketide synthase substrates. <i>Natural Product Reports</i> , 2016, 33, 150-161.	5.2	72
68	Function-Oriented Biosynthesis of $\beta$ -Lactone Proteasome Inhibitors in <i>Salinispora tropica</i> . <i>Journal of Medicinal Chemistry</i> , 2009, 52, 6163-6167.	2.9	70
69	Discovery and Assembly-Line Biosynthesis of the Lymphostin Pyrroloquinoline Alkaloid Family of mTOR Inhibitors in <i>Salinispora</i> Bacteria. <i>Journal of the American Chemical Society</i> , 2011, 133, 13311-13313.	6.6	70
70	Genomic insights into specialized metabolism in the marine actinomycete <i>Salinispora</i> . <i>Environmental Microbiology</i> , 2017, 19, 3660-3673.	1.8	69
71	Engineered Biosynthesis of Antiprotealide and Other Unnatural Salinosporamide Proteasome Inhibitors. <i>Journal of the American Chemical Society</i> , 2008, 130, 7822-7823.	6.6	68
72	The Discovery of Salinosporamide K from the Marine Bacterium <i>Salinispora pacifica</i> by Genome Mining Gives Insight into Pathway Evolution. <i>ChemBioChem</i> , 2011, 12, 61-64.	1.3	68

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73	Formation of the Pyridazine Natural Product Azamerone by Biosynthetic Rearrangement of an Aryl Diazoketone. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 767-770.	7.2	67
74	A Multitasking Vanadium-Dependent Chloroperoxidase as an Inspiration for the Chemical Synthesis of the Merochlorins. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11023-11026.	7.2	67
75	Biosynthesis of marine natural products: macroorganisms (Part B). <i>Natural Product Reports</i> , 2006, 23, 615.	5.2	66
76	Function-related replacement of bacterial siderophore pathways. <i>ISME Journal</i> , 2018, 12, 320-329.	4.4	66
77	A unifying paradigm for naphthoquinone-based meroterpenoid (bio)synthesis. <i>Nature Chemistry</i> , 2017, 9, 1235-1242.	6.6	65
78	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
79	Pangenomic comparison of globally distributed Poribacteria associated with sponge hosts and marine particles. <i>ISME Journal</i> , 2019, 13, 468-481.	4.4	63
80	Biosynthesis and Structural Revision of Neomarinone. <i>Organic Letters</i> , 2003, 5, 4449-4452.	2.4	61
81	Sequencing rare marine actinomycete genomes reveals high density of unique natural product biosynthetic gene clusters. <i>Microbiology (United Kingdom)</i> , 2016, 162, 2075-2086.	0.7	61
82	Genome mining methods to discover bioactive natural products. <i>Natural Product Reports</i> , 2021, 38, 2100-2129.	5.2	61
83	Shared Biosynthesis of the Saliniketals and Rifamycins in <i>Salinispora arenicola</i> is Controlled by the <i>sare1259</i> -Encoded Cytochrome P450. <i>Journal of the American Chemical Society</i> , 2010, 132, 12757-12765.	6.6	60
84	Direct Capture and Heterologous Expression of <i>Salinispora</i> Natural Product Genes for the Biosynthesis of Enterocin. <i>Journal of Natural Products</i> , 2015, 78, 539-542.	1.5	60
85	Macrocyclic colibactin induces DNA double-strand breaks via copper-mediated oxidative cleavage. <i>Nature Chemistry</i> , 2019, 11, 880-889.	6.6	60
86	Structures of cylindrocycphanes a-f. <i>Tetrahedron</i> , 1992, 48, 3001-3006.	1.0	59
87	Isolation and structure elucidation of lipopeptide antibiotic taromycin B from the activated taromycin biosynthetic gene cluster. <i>Journal of Antibiotics</i> , 2018, 71, 333-338.	1.0	59
88	Unusual flavoenzyme catalysis in marine bacteria. <i>Current Opinion in Chemical Biology</i> , 2016, 31, 31-39.	2.8	57
89	Biosynthetic Multitasking Facilitates Thalassospiramide Structural Diversity in Marine Bacteria. <i>Journal of the American Chemical Society</i> , 2013, 135, 1155-1162.	6.6	55
90	A Bacterial Quorum-Sensing Precursor Induces Mortality in the Marine Coccolithophore, <i>Emiliana huxleyi</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 59.	1.5	54

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91	Guanitoxin, re-naming a cyanobacterial organophosphate toxin. <i>Harmful Algae</i> , 2020, 92, 101737.	2.2	54
92	Genetic Basis for the Biosynthesis of the Pharmaceutically Important Class of Epoxyketone Proteasome Inhibitors. <i>ACS Chemical Biology</i> , 2014, 9, 301-309.	1.6	51
93	Flavin-Linked Oxidase Catalyzes Pyrrolizine Formation of Dichloropyrrole-Containing Polyketide Extender Unit in Chlorizidine. <i>Journal of the American Chemical Society</i> , 2013, 135, 18032-18035.	6.6	50
94	Sioxanthin, a novel glycosylated carotenoid, reveals an unusual subclustered biosynthetic pathway. <i>Environmental Microbiology</i> , 2015, 17, 2158-2171.	1.8	49
95	Biosynthetic Pathway Connects Cryptic Ribosomally Synthesized Posttranslationally Modified Peptide Genes with Pyrroloquinoline Alkaloids. <i>Cell Chemical Biology</i> , 2016, 23, 1504-1514.	2.5	49
96	Enzymatic control of dioxygen binding and functionalization of the flavin cofactor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4909-4914.	3.3	49
97	Scalable Biosynthesis of the Seaweed Neurochemical, Kainic Acid. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8454-8457.	7.2	49
98	Bacterial Self-Resistance to the Natural Proteasome Inhibitor Salinosporamide A. <i>ACS Chemical Biology</i> , 2011, 6, 1257-1264.	1.6	48
99	Refactoring the Cryptic Streptophenazine Biosynthetic Gene Cluster Unites Phenazine, Polyketide, and Nonribosomal Peptide Biochemistry. <i>Cell Chemical Biology</i> , 2019, 26, 724-736.e7.	2.5	48
100	Complexity of Naturally Produced Polybrominated Diphenyl Ethers Revealed via Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , 2015, 49, 1339-1346.	4.6	47
101	Meroterpenoid natural products from <i>Streptomyces</i> bacteria – the evolution of chemoenzymatic syntheses. <i>Natural Product Reports</i> , 2020, 37, 1334-1366.	5.2	45
102	Effects of Actinomycete Secondary Metabolites on Sediment Microbial Communities. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	44
103	In Vitro Biosynthesis of Unnatural Enterocin and Wailupemycin Polyketides. <i>Journal of Natural Products</i> , 2009, 72, 469-472.	1.5	43
104	Total Synthesis Establishes the Biosynthetic Pathway to the Naphterpin and Marinone Natural Products. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11009-11014.	7.2	41
105	Cariogenic <i>Streptococcus mutans</i> Produces Tetramic Acid Strain-Specific Antibiotics That Impair Commensal Colonization. <i>ACS Infectious Diseases</i> , 2020, 6, 563-571.	1.8	40
106	Ancient plant-like terpene biosynthesis in corals. <i>Nature Chemical Biology</i> , 2022, 18, 664-669.	3.9	40
107	Antileukemic Activity and Mechanism of Drug Resistance to the Marine <i>Salinispora tropica</i> Proteasome Inhibitor Salinosporamide A (Marizomib). <i>Molecular Pharmacology</i> , 2014, 86, 12-19.	1.0	39
108	Broad-Host-Range Expression Reveals Native and Host Regulatory Elements That Influence Heterologous Antibiotic Production in Gram-Negative Bacteria. <i>MBio</i> , 2017, 8, .	1.8	39

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109	Total Enzyme Syntheses of Napyradiomycins A1 and B1. <i>Journal of the American Chemical Society</i> , 2018, 140, 17840-17845.	6.6	39
110	Comparative Genomics and Metabolomics in the Genus <i>Nocardia</i> . <i>MSystems</i> , 2020, 5, .	1.7	39
111	A Peptidyl-Transesterifying Type-III Thioesterase in Salinamide Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 364-367.	7.2	38
112	A genomic view of trophic and metabolic diversity in clade-specific <i>Lamellodysidea</i> sponge microbiomes. <i>Microbiome</i> , 2020, 8, 97.	4.9	38
113	Direct cloning and heterologous expression of natural product biosynthetic gene clusters by transformation-associated recombination. <i>Methods in Enzymology</i> , 2019, 621, 87-110.	0.4	37
114	Iron acquisition in the marine actinomycete genus <i>Salinispora</i> is controlled by the desferrioxamine family of siderophores. <i>FEMS Microbiology Letters</i> , 2012, 335, 95-103.	0.7	36
115	Enzymatic Reductive Dehalogenation Controls the Biosynthesis of Marine Bacterial Pyrroles. <i>Journal of the American Chemical Society</i> , 2016, 138, 13167-13170.	6.6	34
116	Biosynthesis of anatoxin-a(s). Origin of the carbons. <i>Tetrahedron Letters</i> , 1992, 33, 6595-6598.	0.7	33
117	Chemoenzymatic Synthesis of Acyl Coenzyme A Substrates Enables <i>In Situ</i> Labeling of Small Molecules and Proteins. <i>Organic Letters</i> , 2015, 17, 4452-4455.	2.4	33
118	Prephenate Decarboxylases: A New Prephenate-Utilizing Enzyme Family That Performs Nonaromatizing Decarboxylation en Route to Diverse Secondary Metabolites. <i>Biochemistry</i> , 2010, 49, 9021-9023.	1.2	31
119	Enzymatic Synthesis of Polybrominated Dioxins from the Marine Environment. <i>ACS Chemical Biology</i> , 2014, 9, 1980-1984.	1.6	31
120	Comparative Genomics of Cyanobacterial Symbionts Reveals Distinct, Specialized Metabolism in Tropical <i>Dysideidae</i> Sponges. <i>MBio</i> , 2019, 10, .	1.8	31
121	Biosynthesis of <i>4</i> -Chlorokynurenine, an Antidepressant Prodrug and a Non-Proteinogenic Amino Acid Found in Lipopeptide Antibiotics. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8394-8399.	7.2	31
122	From Tryptophan to Toxin: Nature's Convergent Biosynthetic Strategy to Aetokthonotoxin. <i>Journal of the American Chemical Society</i> , 2022, 144, 2861-2866.	6.6	31
123	Structural Elucidation of Trace Components Combining GC/MS, GC/IR, DFT Calculation and Synthesis of Salinilactones, Unprecedented Bicyclic Lactones from <i>Salinispora</i> Bacteria. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14921-14925.	7.2	28
124	Pass-back chain extension expands multimodular assembly line biosynthesis. <i>Nature Chemical Biology</i> , 2020, 16, 42-49.	3.9	28
125	<i>S</i> -Adenosyl-L-Methionine Hydrolase (Adenosine-Forming), a Conserved Bacterial and Archeal Protein Related to SAM-Dependent Halogenases. <i>ChemBioChem</i> , 2008, 9, 2215-2219.	1.3	27
126	Enzyme Inhibition by Hydroamination: Design and Mechanism of a Hybrid Carmaphycin-Syringolin Enone Proteasome Inhibitor. <i>Chemistry and Biology</i> , 2014, 21, 782-791.	6.2	27

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127	Editorial: Are natural products the solution to antimicrobial resistance?. <i>Natural Product Reports</i> , 2017, 34, 685-686.	5.2	25
128	Biosynthesis of Guanitoxin Enables Global Environmental Detection in Freshwater Cyanobacteria. <i>Journal of the American Chemical Society</i> , 2022, 144, 9372-9379.	6.6	25
129	The chemical cue tetrabromopyrrole induces rapid cellular stress and mortality in phytoplankton. <i>Scientific Reports</i> , 2018, 8, 15498.	1.6	24
130	Engineering <i>Salinispora tropica</i> for heterologous expression of natural product biosynthetic gene clusters. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 8437-8446.	1.7	24
131	A biosynthetic pathway to aromatic amines that uses glycyl-tRNA as nitrogen donor. <i>Nature Chemistry</i> , 2022, 14, 71-77.	6.6	23
132	PCR-Independent Method of Transformation-Associated Recombination Reveals the Cosmomycin Biosynthetic Gene Cluster in an Ocean Streptomyces. <i>Journal of Natural Products</i> , 2017, 80, 1200-1204.	1.5	22
133	Characterization and Biochemical Assays of Streptomyces Vanadium-Dependent Chloroperoxidases. <i>Methods in Enzymology</i> , 2018, 604, 405-424.	0.4	22
134	Enzymkaskadenreaktionen in der Biosynthese. <i>Angewandte Chemie</i> , 2019, 131, 6918-6952.	1.6	22
135	Biosynthesis of marine toxins. <i>Current Opinion in Chemical Biology</i> , 2020, 59, 119-129.	2.8	20
136	Harnessing <i>ortho</i> -Quinone Methides in Natural Product Biosynthesis and Biocatalysis. <i>Journal of Natural Products</i> , 2022, 85, 688-701.	1.5	20
137	Salinipyronone and Pacificanone Are Biosynthetic Byproducts of the Rosamicin Polyketide Synthase. <i>ChemBioChem</i> , 2015, 16, 1443-1447.	1.3	19
138	Asymmetric Alkene and Arene Halofunctionalization Reactions in Meroterpenoid Biosynthesis. <i>Synlett</i> , 2018, 29, 401-409.	1.0	19
139	Minimization of the Thiolactomycin Biosynthetic Pathway Reveals that the Cytochrome P450 Enzyme TlmF Is Required for Five-Membered Thiolactone Ring Formation. <i>ChemBioChem</i> , 2017, 18, 1072-1076.	1.3	18
140	Exploration and engineering of biosynthetic pathways in the marine actinomycete <i>Salinispora tropica</i> . <i>Pure and Applied Chemistry</i> , 2009, 81, 1075-1084.	0.9	17
141	Coupled Biosynthesis of Volatiles and Salinosporamide A in <i>Salinispora tropica</i> . <i>ChemBioChem</i> , 2016, 17, 1978-1985.	1.3	17
142	Organohalogens Naturally Biosynthesized in Marine Environments and Produced as Disinfection Byproducts Alter Sarco/Endoplasmic Reticulum Ca <sup>2+</sup> Dynamics. <i>Environmental Science &amp; Technology</i> , 2018, 52, 5469-5478.	4.6	17
143	Mechanistic Insights into Water Activation in SAM Hydroxide Adenosyltransferase (duf62). <i>ChemBioChem</i> , 2009, 10, 2455-2459.	1.3	16
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