

Bradley S Moore

List of Publications by Year in descending order

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Version: 2024-02-01

182
papers

20,411
citations

14644

66
h-index

11303

136
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195
all docs

195
docs citations

195
times ranked

17047
citing authors

#	ARTICLE	IF	CITATIONS
1	A biosynthetic pathway to aromatic amines that uses glycyl-tRNA as nitrogen donor. <i>Nature Chemistry</i> , 2022, 14, 71-77.	6.6	23
2	A Diazo-Hooker Reaction, Inspired by the Biosynthesis of Azamerone. <i>Organic Letters</i> , 2022, 24, 490-495.	2.4	5
3	Domoic acid biosynthesis in the red alga <i>Chondria armata</i> suggests a complex evolutionary history for toxin production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	16
4	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
5	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
6	Enzymatic assembly of the salinosporamide β -lactam- β -lactone anticancer warhead. <i>Nature Chemical Biology</i> , 2022, 18, 538-546.	3.9	16
7	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
8	Ancient plant-like terpene biosynthesis in corals. <i>Nature Chemical Biology</i> , 2022, 18, 664-669.	3.9	40
9	Bioinspired Green Science and Technology Symposium in NYC. <i>Matter</i> , 2022, 5, 1980-1984.	5.0	1
10	Cryptic halogenation reactions in natural product biosynthesis. <i>Natural Product Reports</i> , 2021, 38, 1760-1774.	5.2	16
11	A community resource for paired genomic and metabolomic data mining. <i>Nature Chemical Biology</i> , 2021, 17, 363-368.	3.9	81
12	Discovery and Biosynthesis of Tetrachlorizine Reveals Enzymatic Benzylic Dehydrogenation via an <i>ortho</i> -Quinone Methide. <i>Journal of the American Chemical Society</i> , 2021, 143, 3682-3686.	6.6	10
13	Phylogenetic analysis of the salinipostin β -butyrolactone gene cluster uncovers new potential for bacterial signalling-molecule diversity. <i>Microbial Genomics</i> , 2021, 7, .	1.0	8
14	Mining genomes to illuminate the specialized chemistry of life. <i>Nature Reviews Genetics</i> , 2021, 22, 553-571.	7.7	111
15	Co-occurrence of enzyme domains guides the discovery of an oxazolone synthetase. <i>Nature Chemical Biology</i> , 2021, 17, 794-799.	3.9	13
16	Marine and Anthropogenic Bromopyrroles Alter Cellular Ca^{2+} Dynamics of Murine Cortical Neuronal Networks by Targeting the Ryanodine Receptor and Sarco/Endoplasmic Reticulum Ca^{2+} -ATPase. <i>Environmental Science & Technology</i> , 2021, 55, 16023-16033.	4.6	3
17	Genome mining methods to discover bioactive natural products. <i>Natural Product Reports</i> , 2021, 38, 2100-2129.	5.2	61
18	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

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19	Pass-back chain extension expands multimodular assembly line biosynthesis. <i>Nature Chemical Biology</i> , 2020, 16, 42-49.	3.9	28
20	Enzymes in natural product total synthesis. <i>Natural Product Reports</i> , 2020, 37, 1292-1293.	5.2	8
21	Expansion of Gamma-Butyrolactone Signaling Molecule Biosynthesis to Phosphotriester Natural Products. <i>ACS Chemical Biology</i> , 2020, 15, 3253-3261.	1.6	8
22	Biosynthesis of marine toxins. <i>Current Opinion in Chemical Biology</i> , 2020, 59, 119-129.	2.8	20
23	Genetic examination of the marine bacterium <i>Pseudoalteromonas luteoviolacea</i> and effects of its metamorphosis-inducing factors. <i>Environmental Microbiology</i> , 2020, 22, 4689-4701.	1.8	13
24	Algal neurotoxin biosynthesis repurposes the terpene cyclase structural fold into an N-prenyltransferase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12799-12805.	3.3	13
25	Comparative Genomics and Metabolomics in the Genus <i>Nocardia</i> . <i>MSystems</i> , 2020, 5, .	1.7	39
26	Nonlinear Biosynthetic Assembly of Alpiniamide by a Hybrid cis/trans-AT PKS-NRPS. <i>ACS Chemical Biology</i> , 2020, 15, 1067-1077.	1.6	13
27	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
28	Site-Directed Mutagenesis of Large Biosynthetic Gene Clusters via Oligonucleotide Recombineering and CRISPR/Cas9 Targeting. <i>ACS Synthetic Biology</i> , 2020, 9, 1917-1922.	1.9	6
29	A genomic view of trophic and metabolic diversity in clade-specific Lamellodysidea sponge microbiomes. <i>Microbiome</i> , 2020, 8, 97.	4.9	38
30	Guanitoxin, re-naming a cyanobacterial organophosphate toxin. <i>Harmful Algae</i> , 2020, 92, 101737.	2.2	54
31	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
32	Molecular and biochemical basis for the loss of bioluminescence in the dinoflagellate <i>Noctiluca scintillans</i> along the west coast of the U.S.A. <i>Limnology and Oceanography</i> , 2019, 64, 2709-2724.	1.6	9
33	Comparative Genomics of Cyanobacterial Symbionts Reveals Distinct, Specialized Metabolism in Tropical <i>Dysideidae</i> Sponges. <i>MBio</i> , 2019, 10, .	1.8	31
34	Genetic platforms for heterologous expression of microbial natural products. <i>Natural Product Reports</i> , 2019, 36, 1313-1332.	5.2	109
35	Bacterial Tetrabromopyrrole Debrominase Shares a Reductive Dehalogenation Strategy with Human Thyroid Deiodinase. <i>Biochemistry</i> , 2019, 58, 5329-5338.	1.2	13
36	Scalable Biosynthesis of the Seaweed Neurochemical, Kainic Acid. <i>Angewandte Chemie</i> , 2019, 131, 8542-8545.	1.6	4

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37	Scalable Biosynthesis of the Seaweed Neurochemical, Kainic Acid. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8454-8457.	7.2	49
38	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
39	Synthesis, bioactivity, and enzymatic modification of antibacterial thiotetromycin derivatives. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3416-3423.	1.5	5
40	Biosynthesis of <i>l</i> -4-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
41	Biosynthesis of <i>l</i> -4-Chlorokynurenine, an Antidepressant Prodrug and a Non-Proteinogenic Amino Acid Found in Lipopeptide Antibiotics. <i>Angewandte Chemie</i> , 2019, 131, 8482.	1.6	5
42	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
43	Enzymatic Cascade Reactions in Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6846-6879.	7.2	150
44	Enzymkaskadenreaktionen in der Biosynthese. <i>Angewandte Chemie</i> , 2019, 131, 6918-6952.	1.6	22
45	Macrocyclic colibactin induces DNA double-strand breaks via copper-mediated oxidative cleavage. <i>Nature Chemistry</i> , 2019, 11, 880-889.	6.6	60
46	Diversity and distribution of the <i>bmp</i> gene cluster and its Polybrominated products in the genus <i>Pseudoalteromonas</i> . <i>Environmental Microbiology</i> , 2019, 21, 1575-1585.	1.8	15
47	Insights into Thiotemplated Pyrrole Biosynthesis Gained from the Crystal Structure of Flavin-Dependent Oxidase in Complex with Carrier Protein. <i>Biochemistry</i> , 2019, 58, 918-929.	1.2	12
48	Pangenomic comparison of globally distributed Poribacteria associated with sponge hosts and marine particles. <i>ISME Journal</i> , 2019, 13, 468-481.	4.4	63
49	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
50	Organohalogens Naturally Biosynthesized in Marine Environments and Produced as Disinfection Byproducts Alter Sarco/Endoplasmic Reticulum Ca ²⁺ Dynamics. <i>Environmental Science & Technology</i> , 2018, 52, 5469-5478.	4.6	17
51	Natural Product Reports 35 years on. <i>Natural Product Reports</i> , 2018, 35, 6-7.	5.2	2
52	Biosynthesis of the Antibiotic Bicyclomycin in Soil and Pathogenic Bacteria. <i>Biochemistry</i> , 2018, 57, 897-898.	1.2	4
53	Asymmetric Alkene and Arene Halofunctionalization Reactions in Meroterpenoid Biosynthesis. <i>Synlett</i> , 2018, 29, 401-409.	1.0	19
54	Function-related replacement of bacterial siderophore pathways. <i>ISME Journal</i> , 2018, 12, 320-329.	4.4	66

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55	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
56	Total Enzyme Syntheses of Napyradiomycins A1 and B1. <i>Journal of the American Chemical Society</i> , 2018, 140, 17840-17845.	6.6	39
57	Biosynthesis of the neurotoxin domoic acid in a bloom-forming diatom. <i>Science</i> , 2018, 361, 1356-1358.	6.0	124
58	The chemical cue tetrabromopyrrole induces rapid cellular stress and mortality in phytoplankton. <i>Scientific Reports</i> , 2018, 8, 15498.	1.6	24
59	Strukturaufklärung von Spurenkomponenten durch Kombination von GC/MS, GC/IR, DFT-Simulationen und Synthese von Salinilactone, neuartige bicyclische Lactone aus <i>Salinispora</i> Bakterien. <i>Angewandte Chemie</i> , 2018, 130, 15137-15141.	1.6	2
60	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
61	Total Synthesis Establishes the Biosynthetic Pathway to the Naphterpin and Marinone Natural Products. <i>Angewandte Chemie</i> , 2018, 130, 11175-11180.	1.6	11
62	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
63	Preparation and Characterization of Tetrabromopyrrole Debrominase From Marine Proteobacteria. <i>Methods in Enzymology</i> , 2018, 605, 253-265.	0.4	3
64	Characterization and Biochemical Assays of Streptomyces Vanadium-Dependent Chloroperoxidases. <i>Methods in Enzymology</i> , 2018, 604, 405-424.	0.4	22
65	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
66	Preface. <i>Methods in Enzymology</i> , 2018, 604, xv-xvi.	0.4	0
67	Preface. <i>Methods in Enzymology</i> , 2018, 605, xv-xvi.	0.4	0
68	Enzymatic Halogenation and Dehalogenation Reactions: Pervasive and Mechanistically Diverse. <i>Chemical Reviews</i> , 2017, 117, 5619-5674.	23.0	281
69	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
70	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
71	Metagenomic discovery of polybrominated diphenyl ether biosynthesis by marine sponges. <i>Nature Chemical Biology</i> , 2017, 13, 537-543.	3.9	141
72	Effects of Actinomycete Secondary Metabolites on Sediment Microbial Communities. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	44

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73	Enzymatic C ¹⁴ H Oxidation- ¹⁴ C Amidation Cascade in the Production of Natural and Unnatural Thiotetronate Antibiotics with Potentiated Bioactivity. <i>Angewandte Chemie</i> , 2017, 129, 12402-12407.	1.6	5
74	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
75	Genomic insights into specialized metabolism in the marine actinomycete <i>Salinispora</i> . <i>Environmental Microbiology</i> , 2017, 19, 3660-3673.	1.8	69
76	A unifying paradigm for naphthoquinone-based meroterpenoid (bio)synthesis. <i>Nature Chemistry</i> , 2017, 9, 1235-1242.	6.6	65
77	Enzymatic C ¹⁴ H Oxidation- ¹⁴ C Amidation Cascade in the Production of Natural and Unnatural Thiotetronate Antibiotics with Potentiated Bioactivity. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12234-12239.	7.2	15
78	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
79	Editorial: Are natural products the solution to antimicrobial resistance?. <i>Natural Product Reports</i> , 2017, 34, 685-686.	5.2	25
80	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
81	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
82	A Bacterial Quorum-Sensing Precursor Induces Mortality in the Marine Coccolithophore, <i>Emiliania huxleyi</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 59.	1.5	54
83	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
84	Family-wide Structural Characterization and Genomic Comparisons Decode the Diversity-oriented Biosynthesis of Thalassospiramides by Marine Proteobacteria. <i>Journal of Biological Chemistry</i> , 2016, 291, 27228-27238.	1.6	11
85	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
86	Coupled Biosynthesis of Volatiles and Salinosporamide A in <i>Salinispora tropica</i> . <i>ChemBioChem</i> , 2016, 17, 1978-1985.	1.3	17
87	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
88	Divergent biosynthesis yields a cytotoxic aminomalonate-containing precolibactin. <i>Nature Chemical Biology</i> , 2016, 12, 773-775.	3.9	74
89	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
90	Microbial and biochemical basis of a <i>Fusarium</i> wilt-suppressive soil. <i>ISME Journal</i> , 2016, 10, 119-129.	4.4	355

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91	Unusual flavoenzyme catalysis in marine bacteria. <i>Current Opinion in Chemical Biology</i> , 2016, 31, 31-39.	2.8	57
92	Recent advances in the biosynthesis of unusual polyketide synthase substrates. <i>Natural Product Reports</i> , 2016, 33, 150-161.	5.2	72
93	A Peptidyl-Transesterifying Type-I Thioesterase in Salinamide Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 364-367.	7.2	38
94	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
95	Salinipyronone and Pacificanone Are Biosynthetic By-products of the Rosamicin Polyketide Synthase. <i>ChemBioChem</i> , 2015, 16, 1443-1447.	1.3	19
96	Mechanism of Action of Thalassospiramides, A New Class of Calpain Inhibitors. <i>Scientific Reports</i> , 2015, 5, 8783.	1.6	16
97	Complexity of Naturally Produced Polybrominated Diphenyl Ethers Revealed via Mass Spectrometry. <i>Environmental Science & Technology</i> , 2015, 49, 1339-1346.	4.6	47
98	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
99	Sioxanthin, a novel glycosylated carotenoid, reveals an unusual subclustered biosynthetic pathway. <i>Environmental Microbiology</i> , 2015, 17, 2158-2171.	1.8	49
100	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
101	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
102	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
103	Identification of Thiotetronic Acid Antibiotic Biosynthetic Pathways by Target-directed Genome Mining. <i>ACS Chemical Biology</i> , 2015, 10, 2841-2849.	1.6	238
104	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015, 11, 625-631.	3.9	715
105	Reinvigorating natural product combinatorial biosynthesis with synthetic biology. <i>Nature Chemical Biology</i> , 2015, 11, 649-659.	3.9	175
106	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
107	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
108	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

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109	Digging for biosynthetic dark matter. <i>ELife</i> , 2015, 4, e06453.	2.8	7
110	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
111	Non-stick natural products. <i>Nature Chemistry</i> , 2014, 6, 10-12.	6.6	2
112	Automated Genome Mining of Ribosomal Peptide Natural Products. <i>ACS Chemical Biology</i> , 2014, 9, 1545-1551.	1.6	133
113	Fungal polyketide engineering comes of age. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12278-12279.	3.3	6
114	NRPquest: Coupling Mass Spectrometry and Genome Mining for Nonribosomal Peptide Discovery. <i>Journal of Natural Products</i> , 2014, 77, 1902-1909.	1.5	81
115	One-Pot Enzymatic Synthesis of Merochlorin A and B. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11019-11022.	7.2	85
116	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
117	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
118	Enzymatic Synthesis of Polybrominated Dioxins from the Marine Environment. <i>ACS Chemical Biology</i> , 2014, 9, 1980-1984.	1.6	31
119	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
120	Biosynthesis of polybrominated aromatic organic compounds by marine bacteria. <i>Nature Chemical Biology</i> , 2014, 10, 640-647.	3.9	246
121	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
122	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
123	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
124	Flavin-mediated dual oxidation controls an enzymatic Favorskii-type rearrangement. <i>Nature</i> , 2013, 503, 552-556.	13.7	147
125	Biosynthetic Multitasking Facilitates Thalassosporamide Structural Diversity in Marine Bacteria. <i>Journal of the American Chemical Society</i> , 2013, 135, 1155-1162.	6.6	55
126	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

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127	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
128	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
129	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
130	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
131	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
132	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
133	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
134	Merochlorins "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
135	Flavoenzyme-Catalyzed Atropo-Selective N,C-Bipyrrole Homocoupling in Marinopyrrole Biosynthesis. <i>Journal of the American Chemical Society</i> , 2012, 134, 12434-12437.	6.6	83
136	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
137	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
138	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
139	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
140	Structure and Biosynthesis of the Marine Streptomyces 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
141	A sea of biosynthesis: marine natural products meet the molecular age. <i>Natural Product Reports</i> , 2011, 28, 411-428.	5.2	112
142	A mass spectrometry-guided genome mining approach for natural product peptidogenomics. <i>Nature Chemical Biology</i> , 2011, 7, 794-802.	3.9	329
143	A Stereoselective Vanadium-Dependent Chloroperoxidase in Bacterial Antibiotic Biosynthesis. <i>Journal of the American Chemical Society</i> , 2011, 133, 4268-4270.	6.6	109
144	Bacterial Self-Resistance to the Natural Proteasome Inhibitor Salinosporamide A. <i>ACS Chemical Biology</i> , 2011, 6, 1257-1264.	1.6	48

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