

Wen Liu

List of Publications by Year in descending order

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121
papers

7,760
citations

66343
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133
all docs

133
docs citations

133
times ranked

6477
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	10.3	1,692
2	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015, 11, 625-631.	8.0	715
3	A genomics-guided approach for discovering and expressing cryptic metabolic pathways. <i>Nature Biotechnology</i> , 2003, 21, 187-190.	17.5	292
4	Biosynthesis of the Eneidyne Antitumor Antibiotic C-1027. <i>Science</i> , 2002, 297, 1170-1173.	12.6	278
5	Radical-Mediated Enzymatic Methylation: A Tale of Two SAMs. <i>Accounts of Chemical Research</i> , 2012, 45, 555-564.	15.6	207
6	Thiopeptide Biosynthesis Featuring Ribosomally Synthesized Precursor Peptides and Conserved Posttranslational Modifications. <i>Chemistry and Biology</i> , 2009, 16, 141-147.	6.0	195
7	Nosiheptide Biosynthesis Featuring a Unique Indole Side Ring Formation on the Characteristic Thiopeptide Framework. <i>ACS Chemical Biology</i> , 2009, 4, 855-864.	3.4	166
8	Genetic Characterization of the Chlorothricin Gene Cluster as a Model for Spirotetronate Antibiotic Biosynthesis. <i>Chemistry and Biology</i> , 2006, 13, 575-585.	6.0	150
9	Characterization of the Maduropeptin Biosynthetic Gene Cluster from <i>Actinomadura madurae</i> ATCC 39144 Supporting a Unifying Paradigm for Eneidyne Biosynthesis. <i>Journal of the American Chemical Society</i> , 2007, 129, 13082-13094.	13.7	134
10	The Neocarzinostatin Biosynthetic Gene Cluster from <i>Streptomyces carzinostaticus</i> ATCC 15944 Involving Two Iterative Type I Polyketide Synthases. <i>Chemistry and Biology</i> , 2005, 12, 293-302.	6.0	125
11	Radical-mediated enzymatic carbon chain fragmentation-recombination. <i>Nature Chemical Biology</i> , 2011, 7, 154-160.	8.0	124
12	An enzymatic [4+2] cyclization cascade creates the pentacyclic core of pyrroindomycins. <i>Nature Chemical Biology</i> , 2015, 11, 259-265.	8.0	122
13	Metabolic coupling of two small-molecule thiols programs the biosynthesis of lincomycin A. <i>Nature</i> , 2015, 518, 115-119.	27.8	113
14	A Novel 4-Methylideneimidazole-5-one-Containing Tyrosine Aminomutase in Eneidyne Antitumor Antibiotic C-1027 Biosynthesis. <i>Journal of the American Chemical Society</i> , 2003, 125, 6062-6063.	13.7	111
15	Characterization of the Saframycin A Gene Cluster from <i>Streptomyces lavendulae</i> NRRL 11002 Revealing a Nonribosomal Peptide Synthetase System for Assembling the Unusual Tetrapeptidyl Skeleton in an Iterative Manner. <i>Journal of Bacteriology</i> , 2008, 190, 251-263.	2.2	97
16	Characterization of the Azinomycin B Biosynthetic Gene Cluster Revealing a Different Iterative Type I Polyketide Synthase for Naphthoate Biosynthesis. <i>Chemistry and Biology</i> , 2008, 15, 693-705.	6.0	96
17	Rapid PCR amplification of minimal enediyne polyketide synthase cassettes leads to a predictive familial classification model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11959-11963.	7.1	88
18	Cloning and Characterization of the Tetrocarcin A Gene Cluster from <i>Micromonospora chalybeata</i> NRRL 11289 Reveals a Highly Conserved Strategy for Tetronate Biosynthesis in Spirotetronate Antibiotics. <i>Journal of Bacteriology</i> , 2008, 190, 6014-6025.	2.2	87

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19	A phosphopantetheinylating polyketide synthase producing a linear polyene to initiate enediyne antitumor antibiotic biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1460-1465.	7.1	87
20	Genes for Production of the Enediyne Antitumor Antibiotic C-1027 in <i>Streptomyces globisporus</i> Are Clustered with the <i>cagA</i> Gene That Encodes the C-1027 Apoprotein. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 382-392.	3.2	86
21	Biosynthesis of thiopeptide antibiotics and their pathway engineering. <i>Natural Product Reports</i> , 2013, 30, 218-226.	10.3	79
22	Genetic Modulation of the Overexpression of Tailoring Genes <i>eryK</i> and <i>eryG</i> Leading to the Improvement of Erythromycin A Purity and Production in <i>Saccharopolyspora erythraea</i> Fermentation. <i>Applied and Environmental Microbiology</i> , 2008, 74, 1820-1828.	3.1	77
23	Enediyne Natural Products: Biosynthesis and Prospect Towards Engineering Novel Antitumor Agents. <i>Current Medicinal Chemistry</i> , 2003, 10, 2317-2325.	2.4	76
24	A linear nonribosomal octapeptide from <i>Fusarium graminearum</i> facilitates cell-to-cell invasion of wheat. <i>Nature Communications</i> , 2019, 10, 922.	12.8	74
25	Multiplexing of Combinatorial Chemistry in Antimycin Biosynthesis: Expansion of Molecular Diversity and Utility. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12308-12312.	13.8	72
26	A vitamin-C-derived DNA modification catalysed by an algal TET homologue. <i>Nature</i> , 2019, 569, 581-585.	27.8	72
27	Moving posttranslational modifications forward to biosynthesize the glycosylated thiopeptide nocathiacin I in <i>Nocardia</i> sp. ATCC202099. <i>Molecular BioSystems</i> , 2010, 6, 1180.	2.9	70
28	Enzyme-Dependent [4+2] Cycloaddition Depends on Lid-like Interaction of the N-Terminal Sequence with the Catalytic Core in Pyl4. <i>Cell Chemical Biology</i> , 2016, 23, 352-360.	5.2	61
29	Insights into Pyrroindomycin Biosynthesis Reveal a Uniform Paradigm for Tetramate/Tetronate Formation. <i>Journal of the American Chemical Society</i> , 2012, 134, 17342-17345.	13.7	60
30	NosA Catalyzing Carboxyl-Terminal Amide Formation in Nosiheptide Maturation via an Enamine Dealkylation on the Serine-Extended Precursor Peptide. <i>Journal of the American Chemical Society</i> , 2010, 132, 16324-16326.	13.7	58
31	Thiopeptide Antibiotics Exhibit a Dual Mode of Action against Intracellular Pathogens by Affecting Both Host and Microbe. <i>Chemistry and Biology</i> , 2015, 22, 1002-1007.	6.0	55
32	Single Chemical Modifications of the C-1027 Enediyne Core, a Radiomimetic Antitumor Drug, Affect Both Drug Potency and the Role of Ataxia-Telangiectasia Mutated in Cellular Responses to DNA Double-Strand Breaks. <i>Cancer Research</i> , 2007, 67, 773-781.	0.9	54
33	Spiroketal Formation and Modification in Avermectin Biosynthesis Involves a Dual Activity of AveC. <i>Journal of the American Chemical Society</i> , 2013, 135, 1540-1548.	13.7	53
34	Identification and Analysis of the Biosynthetic Gene Cluster Encoding the Thiopeptide Antibiotic Cyclothiazomycin in <i>Streptomyces hygroscopicus</i> 10-22. <i>Applied and Environmental Microbiology</i> , 2010, 76, 2335-2344.	3.1	52
35	ThioFinder: A Web-Based Tool for the Identification of Thiopeptide Gene Clusters in DNA Sequences. <i>PLoS ONE</i> , 2012, 7, e45878.	2.5	51
36	Cloning and characterization of a bacterial iterative type I polyketide synthase gene encoding the 6-methylsalicylic acid synthase. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 133-139.	2.1	50

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37	Biosynthesis of the Î²-Amino Acid Moiety of the Eneidyne Antitumor Antibiotic C-1027 Featuring Î²-Amino Acyl-S-carrier Protein Intermediates. <i>Journal of the American Chemical Society</i> , 2005, 127, 11594-11595.	13.7	49
38	Cloning, sequencing and characterization of the biosynthetic gene cluster of sanglifehrin A, a potent cyclophilin inhibitor. <i>Molecular BioSystems</i> , 2011, 7, 852-861.	2.9	49
39	Insights into Quinaldic Acid Moiety Formation in Thiostrepton Biosynthesis Facilitating Fluorinated Thiopeptide Generation. <i>Chemistry and Biology</i> , 2012, 19, 443-448.	6.0	48
40	Reprogramming of the antimycin NRPS-PKS assembly lines inspired by gene evolution. <i>Nature Communications</i> , 2018, 9, 3534.	12.8	47
41	Thiostrepton Maturation Involving a Deesterification~Amidation Way To Process the C-Terminally Methylated Peptide Backbone. <i>Journal of the American Chemical Society</i> , 2011, 133, 2852-2855.	13.7	45
42	Eneidyne Biosynthesis and Self-Resistance: A Progress Report. <i>Bioorganic Chemistry</i> , 1999, 27, 172-188.	4.1	43
43	Uncovering the Formation and Selection of Benzylmalonyl-CoA from the Biosynthesis of Splenocin and Enterocin Reveals a Versatile Way to Introduce Amino Acids into Polyketide Carbon Scaffolds. <i>Journal of the American Chemical Society</i> , 2015, 137, 4183-4190.	13.7	43
44	Post-translational modifications involved in the biosynthesis of thiopeptide antibiotics. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3376-3390.	2.8	43
45	Opportunities and challenges from current investigations into the biosynthetic logic of nosiheptide-represented thiopeptide antibiotics. <i>Current Opinion in Chemical Biology</i> , 2013, 17, 626-634.	6.1	42
46	Quartromicin Biosynthesis: Two Alternative Polyketide Chains Produced by One Polyketide Synthase Assembly Line. <i>Chemistry and Biology</i> , 2012, 19, 1313-1323.	6.0	41
47	Insights into Bacterial 6-Methylsalicylic Acid Synthase and Its Engineering to Orsellinic Acid Synthase for Spirotetronate Generation. <i>Chemistry and Biology</i> , 2010, 17, 495-503.	6.0	40
48	Toward Improvement of Erythromycin A Production in an Industrial <i>Saccharopolyspora erythraea</i> Strain via Facilitation of Genetic Manipulation with an Artificial <i>attB</i> Site for Specific Recombination. <i>Applied and Environmental Microbiology</i> , 2011, 77, 7508-7516.	3.1	39
49	Processing 2-Methyl-<sc>l</sc>-Tryptophan through Tandem Transamination and Selective Oxygenation Initiates Indole Ring Expansion in the Biosynthesis of Thiostrepton. <i>Journal of the American Chemical Society</i> , 2017, 139, 12105-12108.	13.7	36
50	Caerulomycins and Collismycins Share a Common Paradigm for 2,2'-Bipyridine Biosynthesis via an Unusual Hybrid Polyketide~Peptide Assembly Logic. <i>Journal of the American Chemical Society</i> , 2012, 134, 9038-9041.	13.7	35
51	Differences in PLP-Dependent Cysteiny Processing Lead to Diverse <i>S</i> -Functionalization of Lincosamide Antibiotics. <i>Journal of the American Chemical Society</i> , 2016, 138, 6348-6351.	13.7	35
52	Characterization of NocL Involved in Thiopeptide Nocathiacin I Biosynthesis. <i>Journal of Biological Chemistry</i> , 2011, 286, 21287-21294.	3.4	34
53	Operon for Biosynthesis of Lipstatin, the Beta-Lactone Inhibitor of Human Pancreatic Lipase. <i>Applied and Environmental Microbiology</i> , 2014, 80, 7473-7483.	3.1	34
54	Target-oriented design and biosynthesis of thiostrepton-derived thiopeptide antibiotics with improved pharmaceutical properties. <i>Organic Chemistry Frontiers</i> , 2015, 2, 106-109.	4.5	32

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55	An α / β -hydrolase fold protein in the biosynthesis of thiostrepton exhibits a dual activity for endopeptidyl hydrolysis and epoxide ring opening/macrocyclization. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14318-14323.	7.1	32
56	Precursor-Directed Mutational Biosynthesis Facilitates the Functional Assignment of Two Cytochromes P450 in Thiostrepton Biosynthesis. ACS Chemical Biology, 2016, 11, 2673-2678.	3.4	31
57	Chemo-enzymatic synthesis of equisetin. Chemical Communications, 2017, 53, 4695-4697.	4.1	30
58	Biochemical Characterization of the SgcA1 α -D-Glucopyranosyl-1-phosphate Thymidyltransferase from the Eneidyne Antitumor Antibiotic C-1027 Biosynthetic Pathway and Overexpression ofsgcA1inStreptomycesglobosporusto Improve C-1027 Production. Journal of Natural Products, 2004, 67, 206-213.	3.0	29
59	Coordinative Modulation of Chlorothricin Biosynthesis by Binding of the Glycosylated Intermediates and End Product to a Responsive Regulator ChlF1. Journal of Biological Chemistry, 2016, 291, 5406-5417.	3.4	29
60	Structural Insights into a Flavin-Dependent [4 π + 2] Cyclase that Catalyzes trans-Decalin Formation in Pyrroindomycin Biosynthesis. Cell Chemical Biology, 2018, 25, 718-727.e3.	5.2	29
61	Dissection of Two Acyl-Transfer Reactions Centered on Acyl-CoA Carrier Protein Intermediates for Incorporating 5-Chloro-6-methyl-2-methylsalicylic Acid into Chlorothricin. ChemBioChem, 2009, 10, 813-819.	2.6	27
62	Transcriptome Mining of Active Biosynthetic Pathways and Their Associated Products in <i>Streptomyces flaveolus</i> . Angewandte Chemie - International Edition, 2011, 50, 9651-9654.	13.8	27
63	Insight into bicyclic thiopeptide biosynthesis benefited from development of a uniform approach for molecular engineering and production improvement. Chemical Science, 2014, 5, 240-246.	7.4	27
64	Recent advances in understanding the enzymatic reactions of [4+2] cycloaddition and spiroketalization. Current Opinion in Chemical Biology, 2016, 31, 95-102.	6.1	27
65	4-alkyl-L-(Dehydro)proline biosynthesis in actinobacteria involves N-terminal nucleophile-hydrolase activity of β -glutamyltranspeptidase homolog for C-C bond cleavage. Nature Communications, 2017, 8, 16109.	12.8	27
66	Complex Biotransformations Catalyzed by Radical S-Adenosylmethionine Enzymes. Journal of Biological Chemistry, 2011, 286, 30245-30252.	3.4	26
67	Rational Control of Polyketide Extender Units by Structure-Based Engineering of a Crotonyl-CoA Carboxylase/Reductase in Antimycin Biosynthesis. Angewandte Chemie - International Edition, 2015, 54, 13462-13465.	13.8	26
68	Thiolation Protein-Based Transfer of Indolyl to a Ribosomally Synthesized Polythiazolyl Peptide Intermediate during the Biosynthesis of the Side-Ring System of Nosiheptide. Journal of the American Chemical Society, 2017, 139, 18186-18189.	13.7	26
69	Biosynthesis of Lincosamide Antibiotics: Reactions Associated with Degradation and Detoxification Pathways Play a Constructive Role. Accounts of Chemical Research, 2018, 51, 1496-1506.	15.6	25
70	Cyclization of polyketides and non-ribosomal peptides on and off their assembly lines. Natural Product Reports, 2016, 33, 162-173.	10.3	24
71	Biosynthesis of 3-methoxy-5-methyl naphthoic acid and its incorporation into the antitumor antibiotic azinomycin B. Molecular BioSystems, 2010, 6, 1071.	2.9	23
72	The versatile low-molecular-weight thiols: Beyond cell protection. BioEssays, 2015, 37, 1262-1267.	2.5	23

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73	Bio-inspired engineering of thiopeptide antibiotics advances the expansion of molecular diversity and utility. <i>Current Opinion in Biotechnology</i> , 2017, 48, 210-219.	6.6	23
74	Biosynthesis and molecular engineering of templated natural products. <i>National Science Review</i> , 2017, 4, 553-575.	9.5	23
75	Discovery and efficient synthesis of a biologically active alkaloid inspired by thiostrepton biosynthesis. <i>Tetrahedron</i> , 2014, 70, 7686-7690.	1.9	20
76	Insights into the thioamidation of thiopeptins to enhance the understanding of the biosynthetic logic of thioamide-containing thiopeptides. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3727-3731.	2.8	20
77	A KAS-III Heterodimer in Lipstatin Biosynthesis Nondecarboxylatively Condenses C ₈ and C ₁₄ Fatty Acyl-CoA Substrates by a Variable Mechanism during the Establishment of a C ₂₂ Aliphatic Skeleton. <i>Journal of the American Chemical Society</i> , 2019, 141, 3993-4001.	13.7	20
78	Formation of an aminovinyl-cysteine residue in thioviridamides occurs through a path independent of known lanthionine synthetase activity. <i>Cell Chemical Biology</i> , 2021, 28, 675-685.e5.	5.2	20
79	Concurrent modifications of the C-terminus and side ring of thiostrepton and their synergistic effects with respect to improving antibacterial activities. <i>Organic Chemistry Frontiers</i> , 2016, 3, 496-500.	4.5	19
80	Computational Investigation of the Mechanism of Diels-Alderase PyrI4. <i>Journal of the American Chemical Society</i> , 2020, 142, 20232-20239.	13.7	18
81	A Heterotrimeric Dehydrogenase Complex Functions with 2 Distinct YcaO Proteins to Install 5 Azole Heterocycles into 35-Membered Sulfomycin Thiopeptides. <i>Journal of the American Chemical Society</i> , 2020, 142, 8454-8463.	13.7	18
82	Aromatic Polyketides Produced by Bacterial Iterative Type I Polyketide Synthases. <i>ACS Catalysis</i> , 2013, 3, 1439-1447.	11.2	17
83	Discovery of New Thioviridamide-Like Compounds with Antitumor Activities. <i>Chinese Journal of Chemistry</i> , 2019, 37, 1015-1020.	4.9	17
84	Black soldier fly larvae effectively degrade lincomycin from pharmaceutical industry wastes. <i>Journal of Environmental Management</i> , 2022, 307, 114539.	7.8	17
85	Radical S-Adenosylmethionine Protein NosN Forms the Side Ring System of Nosiheptide by Functionalizing the Polythiazolyl Peptide S-Conjugated Indolic Moiety. <i>Organic Letters</i> , 2019, 21, 1502-1505.	4.6	16
86	NosP-Regulated Nosiheptide Production Responds to Both Peptidyl and Small-Molecule Ligands Derived from the Precursor Peptide. <i>Cell Chemical Biology</i> , 2018, 25, 143-153.e4.	5.2	15
87	Optimal design of thiostrepton-derived thiopeptide antibiotics and their potential application against oral pathogens. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1194-1199.	4.5	15
88	Isolation and structure determination of two new nosiheptide-type compounds provide insights into the function of the cytochrome P450 oxygenase NocV in nocathiacin biosynthesis. <i>Organic Chemistry Frontiers</i> , 2020, 7, 584-589.	4.5	15
89	Thiostrepton Reactivates Latent HIV-1 through the p-TEFb and NF- κ B Pathways Mediated by Heat Shock Response. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	14
90	Molecular engineering of thiostrepton via single ϕ -based mutagenesis to generate side ring-derived variants. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1254-1258.	4.5	13

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91	Discovery of caerulomycin/collismycin-type 2,2'-bipyridine natural products in the genomic era. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 459-468.	3.0	13
92	Structure-based Mechanistic Insights into Terminal Amide Synthase in Nosiheptide-Represented Thiopeptides Biosynthesis. <i>Scientific Reports</i> , 2015, 5, 12744.	3.3	12
93	Caerulomycin and collismycin antibiotics share a trans-acting flavoprotein-dependent assembly line for 2,2'-bipyridine formation. <i>Nature Communications</i> , 2021, 12, 3124.	12.8	12
94	Enzymatic competition and cooperation branch the caerulomycin biosynthetic pathway toward different 2,2'-bipyridine members. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5472-5475.	2.8	11
95	A linear hydroxymethyl tetramate undergoes an acetylation-elimination process for exocyclic methylene formation in the biosynthetic pathway of pyrroindomycins. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 88-91.	2.8	11
96	Isolation, Structure Elucidation, and Biosynthesis of a Cysteate-Containing Nonribosomal Peptide in <i>Streptomyces lincolnensis</i> . <i>Journal of Organic Chemistry</i> , 2018, 83, 7102-7108.	3.2	11
97	Insights into the Functionalization of the Methylsalicylic Moiet during the Biosynthesis of Chlorothricin by Comparative Kinetic Assays of the Activities of Two KAS III-like Acyltransferases. <i>Chinese Journal of Chemistry</i> , 2019, 37, 821-826.	4.9	11
98	Biosynthesis of a New Fusaoctaxin Virulence Factor in <i>Fusarium graminearum</i> Relies on a Distinct Path To Form a Guanidinoacetyl Starter Unit Priming Nonribosomal Octapeptidyl Assembly. <i>Journal of the American Chemical Society</i> , 2021, 143, 19719-19730.	13.7	11
99	Polyketide Biosynthesis beyond the Type I, II, and III Polyketide Synthase Paradigms: A Progress Report. <i>ACS Symposium Series</i> , 2007, , 154-166.	0.5	10
100	Co-expression of a SARP Family Activator ChlF2 and a Type II Thioesterase ChlK Led to High Production of Chlorothricin in <i>Streptomyces antibioticus</i> DSM 40725. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 1013.	4.1	10
101	Oxidative Indole Dearomatization for Asymmetric Furoindoline Synthesis by a Flavin-Dependent Monooxygenase Involved in the Biosynthesis of Bicyclic Thiopeptide Thiostrepton. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8401-8405.	13.8	9
102	Crystallographic analysis of NosA, which catalyzes terminal amide formation in the biosynthesis of nosiheptide. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 1033-1037.	0.8	8
103	Characterization of the metallo-dependent amidohydrolases responsible for 'auxiliary'-leuciny removal in the biosynthesis of 2,2'-bipyridine antibiotics. <i>Synthetic and Systems Biotechnology</i> , 2017, 2, 137-146.	3.7	7
104	Biosynthesis of the Central Piperidine Nitrogen Heterocycle in Series <i>a</i> Thiopeptides. <i>Chinese Journal of Chemistry</i> , 2019, 37, 35-41.	4.9	7
105	Dissection of the Enzymatic Process for Forming a Central Imidazopiperidine Heterocycle in the Biosynthesis of a Series c Thiopeptide Antibiotic. <i>Journal of the American Chemical Society</i> , 2021, 143, 13790-13797.	13.7	7
106	Mechanism of the Stereoselective Catalysis of Diels-Alderase PyrE3 Involved in Pyrroindomycin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2022, 144, 5099-5107.	13.7	7
107	Characterization of Histidine Functionalization and Its Timing in the Biosynthesis of Ribosomally Synthesized and Posttranslationally Modified Thioamitides. <i>Journal of the American Chemical Society</i> , 2022, 144, 4431-4438.	13.7	7
108	In vivo investigation of the role of SfmO2 in saframycin A biosynthesis by structural characterization of the analogue saframycin O. <i>Science China Chemistry</i> , 2012, 55, 90-97.	8.2	6

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109	Biosynthesis-based artificial evolution of microbial natural products. Science China Chemistry, 2016, 59, 1175-1187.	8.2	6
110	Characterization of a carboxyl methyltransferase in <i>Fusarium graminearum</i> provides insights into the biosynthesis of fusarin A. Organic and Biomolecular Chemistry, 2021, 19, 6638-6643.	2.8	6
111	Ansafurantrienins, Unprecedented Ansatrienin Derivatives Formed via Photocatalytic Intramolecular [3 + 2] Oxidative Cycloaddition. Organic Letters, 2022, 24, 592-596.	4.6	6
112	Unsymmetrically Regioselective Homodimerization Depends on the Subcellular Colocalization of Laccase/Fasciclin Protein in the Biosynthesis of Phlegmacins. ACS Chemical Biology, 2022, 17, 791-796.	3.4	6
113	Mutational biosynthesis to generate novel analogs of nosiheptide featuring a fluorinated indolic acid moiety. Organic and Biomolecular Chemistry, 2020, 18, 4051-4055.	2.8	5
114	Reply to "C-C bond cleavage in biosynthesis of 4-alkyl-L-proline precursors of lincomycin and anthramycin cannot precede C-methylation". Nature Communications, 2018, 9, 3168.	12.8	4
115	Crystallization and preliminary X-ray diffraction analysis of AntE, a crotonyl-CoA carboxylase/reductase from <i>Streptomyces</i> sp. NRRL 2288. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 734-737.	0.8	3
116	Functional Characterization and Crystal Structure of the Type II Peptidyl Carrier Protein ColA1a in Collismycins Biosynthesis. Chinese Journal of Chemistry, 2020, 38, 963-969.	4.9	3
117	NocU is a cytochrome P450 oxygenase catalyzing N-hydroxylation of the indolic moiety during the maturation of the thiopeptide antibiotics nocathiacins. Organic and Biomolecular Chemistry, 2021, 19, 8338-8342.	2.8	3
118	Establishment of fingerprint of Gegen Qinlian decoction and its formula compatibility groups using UHPLC-MS/MS and its study to spectrum-effect relationship. Journal of Liquid Chromatography and Related Technologies, 2018, 41, 384-390.	1.0	2
119	Investigation of 2,2'-Bipyridine Biosynthesis Reveals a Common Two-Component System for Aldehydes Production by Carboxylate Reduction. Organic Letters, 2022, 24, 897-902.	4.6	2
120	Enzyme-Associated Pericyclic Reactions. , 2020, , 187-227.		1
121	Oxidative Indole Dearomatization for Asymmetric Furoindoline Synthesis by a Flavin-Dependent Monooxygenase Involved in the Biosynthesis of Bicyclic Thiopeptide Thiostrepton. Angewandte Chemie, 2021, 133, 8482-8486.	2.0	0