

Wen Liu

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121
papers

6,201
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133
ext. papers

7,088
ext. citations

10.1
avg, IF

5.46
L-index

#	Paper	IF	Citations
121	Ribosomally synthesized and post-translationally modified peptide natural products: overview and recommendations for a universal nomenclature. <i>Natural Product Reports</i> , 2013 , 30, 108-60	15.1	1298
120	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015 , 11, 625-31	11.7	498
119	A genomics-guided approach for discovering and expressing cryptic metabolic pathways. <i>Nature Biotechnology</i> , 2003 , 21, 187-90	44.5	271
118	Biosynthesis of the enediyne antitumor antibiotic C-1027. <i>Science</i> , 2002 , 297, 1170-3	33.3	253
117	Thiopeptide biosynthesis featuring ribosomally synthesized precursor peptides and conserved posttranslational modifications. <i>Chemistry and Biology</i> , 2009 , 16, 141-7		176
116	Radical-mediated enzymatic methylation: a tale of two SAMS. <i>Accounts of Chemical Research</i> , 2012 , 45, 555-64	24.3	174
115	Nosiheptide biosynthesis featuring a unique indole side ring formation on the characteristic thiopeptide framework. <i>ACS Chemical Biology</i> , 2009 , 4, 855-64	4.9	153
114	Genetic characterization of the chlorothricin gene cluster as a model for spirotetronate antibiotic biosynthesis. <i>Chemistry and Biology</i> , 2006 , 13, 575-85		131
113	Characterization of the maduropeptin biosynthetic gene cluster from <i>Actinomadura madurae</i> ATCC 39144 supporting a unifying paradigm for enediyne biosynthesis. <i>Journal of the American Chemical Society</i> , 2007 , 129, 13082-94	16.4	120
112	Radical-mediated enzymatic carbon chain fragmentation-recombination. <i>Nature Chemical Biology</i> , 2011 , 7, 154-60	11.7	111
111	A novel 4-methylideneimidazole-5-one-containing tyrosine aminomutase in enediyne antitumor antibiotic C-1027 biosynthesis. <i>Journal of the American Chemical Society</i> , 2003 , 125, 6062-3	16.4	104
110	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		103
109	An enzymatic [4+2] cyclization cascade creates the pentacyclic core of pyrroindomycins. <i>Nature Chemical Biology</i> , 2015 , 11, 259-65	11.7	93
108	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, 251-63	3.5	91
107	Metabolic coupling of two small-molecule thiols programs the biosynthesis of lincomycin A. <i>Nature</i> , 2015 , 518, 115-9	50.4	88
106	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		82
105	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, 1460-5	11.5	80

104	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, 11959-63	11.5	80
103	Cloning and characterization of the tetrocarcin A gene cluster from <i>Micromonospora chalcea</i> NRRL 11289 reveals a highly conserved strategy for tetronate biosynthesis in spirotetronate antibiotics. <i>Journal of Bacteriology</i> , 2008 , 190, 6014-25	3.5	75
102	Biosynthesis of thiopeptide antibiotics and their pathway engineering. <i>Natural Product Reports</i> , 2013 , 30, 218-26	15.1	73
101	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, 382-92	5.9	72
100	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, 1820-8	4.8	65
99	Moving posttranslational modifications forward to biosynthesize the glycosylated thiopeptide nocaethiacin I in <i>Nocardia</i> sp. ATCC202099. <i>Molecular BioSystems</i> , 2010 , 6, 1180-5		64
98	Enediyne natural products: biosynthesis and prospect towards engineering novel antitumor agents. <i>Current Medicinal Chemistry</i> , 2003 , 10, 2317-25	4.3	64
97	Multiplexing of combinatorial chemistry in antimycin biosynthesis: expansion of molecular diversity and utility. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12308-12	16.4	62
96	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, 16324-6	16.4	52
95	Thiopeptide Antibiotics Exhibit a Dual Mode of Action against Intracellular Pathogens by Affecting Both Host and Microbe. <i>Chemistry and Biology</i> , 2015 , 22, 1002-7		50
94	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, 773-81	10.1	50
93	Enzyme-Dependent [4+2] Cycloaddition Depends on Lid-like Interaction of the N-Terminal Sequence with the Catalytic Core in PyrI4. <i>Cell Chemical Biology</i> , 2016 , 23, 352-60	8.2	48
92	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, 2335-44	4.8	48
91	Biosynthesis of the beta-amino acid moiety of the enediyne antitumor antibiotic C-1027 featuring beta-amino acyl-S-carrier protein intermediates. <i>Journal of the American Chemical Society</i> , 2005 , 127, 11594-5	16.4	47
90	Insights into pyrroindomycin biosynthesis reveal a uniform paradigm for tetramate/tetronate formation. <i>Journal of the American Chemical Society</i> , 2012 , 134, 17342-5	16.4	45
89	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, 2852-5	16.4	44
88	Insights into quinaldic acid moiety formation in thiostrepton biosynthesis facilitating fluorinated thiopeptide generation. <i>Chemistry and Biology</i> , 2012 , 19, 443-8		43
87	ThioFinder: a web-based tool for the identification of thiopeptide gene clusters in DNA sequences. <i>PLoS ONE</i> , 2012 , 7, e45878	3.7	43

86	Cloning, sequencing and characterization of the biosynthetic gene cluster of sanglifehrin A, a potent cyclophilin inhibitor. <i>Molecular BioSystems</i> , 2011 , 7, 852-61		42
85	A vitamin-C-derived DNA modification catalysed by an algal TET homologue. <i>Nature</i> , 2019 , 569, 581-585	50.4	41
84	Spiroketal formation and modification in avermectin biosynthesis involves a dual activity of AveC. <i>Journal of the American Chemical Society</i> , 2013 , 135, 1540-8	16.4	40
83	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, 133-9	3.4	39
82	Opportunities and challenges from current investigations into the biosynthetic logic of nosiheptide-represented thiopeptide antibiotics. <i>Current Opinion in Chemical Biology</i> , 2013 , 17, 626-34	9.7	37
81	Eneidyne Biosynthesis and Self-Resistance: A Progress Report. <i>Bioorganic Chemistry</i> , 1999 , 27, 172-188	5.1	37
80	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, 4183-90	16.4	36
79	Quartromycin biosynthesis: two alternative polyketide chains produced by one polyketide synthase assembly line. <i>Chemistry and Biology</i> , 2012 , 19, 1313-23		35
78	Toward improvement of erythromycin A production in an industrial <i>Saccharopolyspora erythraea</i> strain via facilitation of genetic manipulation with an artificial attB site for specific recombination. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 7508-16	4.8	35
77	Reprogramming of the antimycin NRPS-PKS assembly lines inspired by gene evolution. <i>Nature Communications</i> , 2018 , 9, 3534	17.4	35
76	Characterization of NocL involved in thiopeptide nocathiacin I biosynthesis: a [4Fe-4S] cluster and the catalysis of a radical S-adenosylmethionine enzyme. <i>Journal of Biological Chemistry</i> , 2011 , 286, 21287-94	5.4	33
75	A linear nonribosomal octapeptide from <i>Fusarium graminearum</i> facilitates cell-to-cell invasion of wheat. <i>Nature Communications</i> , 2019 , 10, 922	17.4	31
74	Post-translational modifications involved in the biosynthesis of thiopeptide antibiotics. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 3376-3390	3.9	30
73	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		29
72	Differences in PLP-Dependent Cysteinylyl Processing Lead to Diverse S-Functionalization of Lincosamide Antibiotics. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6348-51	16.4	29
71	Target-oriented design and biosynthesis of thiostrepton-derived thiopeptide antibiotics with improved pharmaceutical properties. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 106-109	5.2	28
70	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, 9038-41	16.4	28
69	An α -hydrolase fold protein in the biosynthesis of thiostrepton exhibits a dual activity for endopeptidyl hydrolysis and epoxide ring opening/macrocyclization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 14318-14323	11.5	26

68	Insight into bicyclic thiopeptide biosynthesis benefited from development of a uniform approach for molecular engineering and production improvement. <i>Chemical Science</i> , 2014 , 5, 240-246	9.4	26
67	Biochemical characterization of the SgcA1 alpha-D-glucopyranosyl-1-phosphate thymidyltransferase from the enediyne antitumor antibiotic C-1027 biosynthetic pathway and overexpression of sgcA1 in <i>Streptomyces globisporus</i> to improve C-1027 production. <i>Journal of Natural Products</i> , 2004 , 67, 206-13	4.9	26
66	Precursor-Directed Mutational Biosynthesis Facilitates the Functional Assignment of Two Cytochromes P450 in Thiostrepton Biosynthesis. <i>ACS Chemical Biology</i> , 2016 , 11, 2673-2678	4.9	25
65	Operon for biosynthesis of lipstatin, the Beta-lactone inhibitor of human pancreatic lipase. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 7473-83	4.8	24
64	Complex biotransformations catalyzed by radical S-adenosylmethionine enzymes. <i>Journal of Biological Chemistry</i> , 2011 , 286, 30245-30252	5.4	24
63	Processing 2-Methyl-L-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	16.4	23
62	Thiolation Protein-Based Transfer of Indolyl to a Ribosomally Synthesized Polythiazolyl Peptide Intermediate during the Biosynthesis of the Side-Ring System of Nosiheptide. <i>Journal of the American Chemical Society</i> , 2017 , 139, 18186-18189	16.4	23
61	Structural Insights into a Flavin-Dependent [4 \rightarrow 2] Cyclase that Catalyzes trans-Decalin Formation in Pyrroindomycin Biosynthesis. <i>Cell Chemical Biology</i> , 2018 , 25, 718-727.e3	8.2	22
60	4-alkyl-L-(Dehydro)proline biosynthesis in actinobacteria involves N-terminal nucleophile-hydrolase activity of β -glutamyltranspeptidase homolog for C-C bond cleavage. <i>Nature Communications</i> , 2017 , 8, 16109	17.4	22
59	Recent advances in understanding the enzymatic reactions of [4+2] cycloaddition and spiroketalization. <i>Current Opinion in Chemical Biology</i> , 2016 , 31, 95-102	9.7	21
58	Bio-inspired engineering of thiopeptide antibiotics advances the expansion of molecular diversity and utility. <i>Current Opinion in Biotechnology</i> , 2017 , 48, 210-219	11.4	21
57	Rational Control of Polyketide Extender Units by Structure-Based Engineering of a Crotonyl-CoA Carboxylase/Reductase in Antimycin Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13462-5	16.4	21
56	Transcriptome mining of active biosynthetic pathways and their associated products in <i>Streptomyces flaveolus</i> . <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 9651-4	16.4	21
55	Biosynthesis and molecular engineering of templated natural products. <i>National Science Review</i> , 2017 , 4, 553-575	10.8	20
54	Dissection of two acyl-transfer reactions centered on acyl-S-carrier protein intermediates for incorporating 5-chloro-6-methyl-O-methylsalicylic acid into chlorothricin. <i>ChemBioChem</i> , 2009 , 10, 813-9 ^{3.8}	3.8	20
53	Chemo-enzymatic synthesis of equisetin. <i>Chemical Communications</i> , 2017 , 53, 4695-4697	5.8	19
52	Coordinative Modulation of Chlorothricin Biosynthesis by Binding of the Glycosylated Intermediates and End Product to a Responsive Regulator ChIF1. <i>Journal of Biological Chemistry</i> , 2016 , 291, 5406-17	5.4	19
51	Cyclization of polyketides and non-ribosomal peptides on and off their assembly lines. <i>Natural Product Reports</i> , 2016 , 33, 162-73	15.1	19

- 50 Discovery and efficient synthesis of a biologically active alkaloid inspired by thiostrepton biosynthesis. *Tetrahedron*, **2014**, 70, 7686-7690 2.4 19
- 49 Biosynthesis of 3-methoxy-5-methyl naphthoic acid and its incorporation into the antitumor antibiotic azinomycin B. *Molecular BioSystems*, **2010**, 6, 1071-81 18
- 48 Aromatic Polyketides Produced by Bacterial Iterative Type I Polyketide Synthases. *ACS Catalysis*, **2013**, 3, 1439-1447 13.1 17
- 47 Biosynthesis of Lincosamide Antibiotics: Reactions Associated with Degradation and Detoxification Pathways Play a Constructive Role. *Accounts of Chemical Research*, **2018**, 51, 1496-1506 24.3 17
- 46 Concurrent modifications of the C-terminus and side ring of thiostrepton and their synergistic effects with respect to improving antibacterial activities. *Organic Chemistry Frontiers*, **2016**, 3, 496-500 5.2 16
- 45 The versatile low-molecular-weight thiols: Beyond cell protection. *BioEssays*, **2015**, 37, 1262-7 4.1 15
- 44 Radical S-Adenosylmethionine Protein NosN Forms the Side Ring System of Nosiheptide by Functionalizing the Polythiazolyl Peptide S-Conjugated Indolic Moiety. *Organic Letters*, **2019**, 21, 1502-1505 6.3 14
- 43 Insights into the thioamidation of thiopeptins to enhance the understanding of the biosynthetic logic of thioamide-containing thiopeptides. *Organic and Biomolecular Chemistry*, **2019**, 17, 3727-3731 3.9 13
- 42 Optimal design of thiostrepton-derived thiopeptide antibiotics and their potential application against oral pathogens. *Organic Chemistry Frontiers*, **2019**, 6, 1194-1199 5.2 12
- 41 A KAS-III Heterodimer in Lipstatin Biosynthesis Noncarboxylatively Condenses C and C Fatty Acyl-CoA Substrates by a Variable Mechanism during the Establishment of a C Aliphatic Skeleton. *Journal of the American Chemical Society*, **2019**, 141, 3993-4001 16.4 12
- 40 A Heterotrimeric Dehydrogenase Complex Functions with 2 Distinct YcaO Proteins to Install 5 Azole Heterocycles into 35-Membered Sulfomycin Thiopeptides. *Journal of the American Chemical Society*, **2020**, 142, 8454-8463 16.4 11
- 39 NosP-Regulated Nosiheptide Production Responds to Both Peptidyl and Small-Molecule Ligands Derived from the Precursor Peptide. *Cell Chemical Biology*, **2018**, 25, 143-153.e4 8.2 11
- 38 Structure-based Mechanistic Insights into Terminal Amide Synthase in Nosiheptide-Represented Thiopeptides Biosynthesis. *Scientific Reports*, **2015**, 5, 12744 4.9 10
- 37 Polyketide Biosynthesis beyond the Type I, II, and III Polyketide Synthase Paradigms: A Progress Report. *ACS Symposium Series*, **2007**, 154-166 0.4 10
- 36 Molecular engineering of thiostrepton via single BaseBased mutagenesis to generate side ring-derived variants. *Organic Chemistry Frontiers*, **2016**, 3, 1254-1258 5.2 10
- 35 Isolation, Structure Elucidation, and Biosynthesis of a Cysteate-Containing Nonribosomal Peptide in *Streptomyces lincolnensis*. *Journal of Organic Chemistry*, **2018**, 83, 7102-7108 4.2 9
- 34 Discovery of New Thioviridamide-Like Compounds with Antitumor Activities. *Chinese Journal of Chemistry*, **2019**, 37, 1015-1020 4.9 9
- 33 Enzymatic competition and cooperation branch the caerulomycin biosynthetic pathway toward different 2,2'-bipyridine members. *Organic and Biomolecular Chemistry*, **2017**, 15, 5472-5475 3.9 8

32	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,	5.9	8
31	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	5.2	8
30	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	8.2	8
29	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> , 2016 , 15, 88-91	3.9	7
28	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	4.2	7
27	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, 1033-7	1.1	6
26	Biosynthesis-based artificial evolution of microbial natural products. <i>Science China Chemistry</i> , 2016 , 59, 1175-1187	7.9	6
25	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	7.9	6
24	Computational Investigation of the Mechanism of Diels-Alderase PyrI4. <i>Journal of the American Chemical Society</i> , 2020 , 142, 20232-20239	16.4	6
23	Biosynthesis of the Central Piperidine Nitrogen Heterocycle in Series a Thiopeptides. <i>Chinese Journal of Chemistry</i> , 2019 , 37, 35-41	4.9	6
22	Rational Control of Polyketide Extender Units by Structure-Based Engineering of a Crotonyl-CoA Carboxylase/Reductase in Antimycin Biosynthesis. <i>Angewandte Chemie</i> , 2015 , 127, 13664-13667	3.6	5
21	Characterization of the metallo-dependent amidohydrolases responsible for "auxiliary" leucinyll removal in the biosynthesis of 2,2'-bipyridine antibiotics. <i>Synthetic and Systems Biotechnology</i> , 2017 , 2, 137-146	4.2	4
20	Insights into the Functionalization of the Methylsalicylic Moiety 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	3
19	Reply to 'C-C bond cleavage in biosynthesis of 4-alkyl-L-proline precursors of lincomycin and anthramycin cannot precede C-methylation'. <i>Nature Communications</i> , 2018 , 9, 3168	17.4	3
18	Crystallization and preliminary X-ray diffraction analysis of AntE, a crotonyl-CoA carboxylase/reductase from <i>Streptomyces</i> sp. NRRL 2288. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014 , 70, 734-7	1.1	3
17	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	16.4	3
16	Characterization of a carboxyl methyltransferase in provides insights into the biosynthesis of fusarin A. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 6638-6643	3.9	3
15	Transcriptome Mining of Active Biosynthetic Pathways and Their Associated Products in <i>Streptomyces flaveolus</i> . <i>Angewandte Chemie</i> , 2011 , 123, 9825-9828	3.6	2

14	Black soldier fly larvae effectively degrade lincomycin from pharmaceutical industry wastes.. <i>Journal of Environmental Management</i> , 2022 , 307, 114539	7.9	2
13	Land-like Flavoprotein-Catalyzed Aminovinyl-Cysteine Formation through Oxidative Decarboxylation and Cyclization of a Peptide at the C-Terminus		2
12	Co-expression of a SARP Family Activator ChlF2 and a Type II Thioesterase ChlK Led to High Production of Chlorothricin in DSM 40725. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 1013	5.8	2
11	Caerulomycin and collismycin antibiotics share a trans-acting flavoprotein-dependent assembly line for 2,2'-bipyridine formation. <i>Nature Communications</i> , 2021 , 12, 3124	17.4	2
10	Dissection of the Enzymatic Process for Forming a Central Imidazopiperidine Heterocycle in the Biosynthesis of a Series Thiopeptide Antibiotic. <i>Journal of the American Chemical Society</i> , 2021 , 143, 13790-13797	16.4	2
9	Mutational biosynthesis to generate novel analogs of nosiheptide featuring a fluorinated indolic acid moiety. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 4051-4055	3.9	1
8	Functional Characterization and Crystal Structure of the Type II Peptidyl Carrier Protein ColA1a in Collismycins Biosynthesis <i>Chinese Journal of Chemistry</i> , 2020 , 38, 963-969	4.9	1
7	Biosynthesis of Pharmaceutical Natural Products and Their Pathway Engineering 2012 , 125-180		1
6	NocU is a cytochrome P450 oxygenase catalyzing -hydroxylation of the indolic moiety during the maturation of the thiopeptide antibiotics nocathiacins. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 8338-8342	3.9	1
5	Establishment of fingerprint of Gegen Qinlian decoction and its formula compatibility groups using UHPLC/MS/MS and its study to spectrum-effect relationship. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2018 , 41, 384-390	1.3	1
4	Enzyme-Associated Pericyclic Reactions 2020 , 187-227		0
3	Biosynthesis of a New Fusaocytin Virulence Factor in 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	16.4	0
2	Combinatorial Biosynthesis of Pharmaceutical Natural Products 229-245		
1	Oxidative Indole Dearomatization for Asymmetric Furoindoline Synthesis by a Flavin-Dependent Monooxygenase Involved in the Biosynthesis of Bicyclic Thiopeptide Thiostrepton. <i>Angewandte Chemie</i> , 2021 , 133, 8482-8486	3.6	