

# Tilmann Weber

## List of Publications by Year in descending order

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131  
papers

18,715  
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50032

45  
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15707

123  
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164  
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164  
docs citations

164  
times ranked

17020  
citing authors

#	ARTICLE	IF	CITATIONS
1	Commensal production of a broad-spectrum and short-lived antimicrobial peptide polyene eliminates nasal <i>Staphylococcus aureus</i> . <i>Nature Microbiology</i> , 2024, 9, 200-213.	12.9	3
2	The antiSMASH database version 4: additional genomes and BGCs, new sequence-based searches and more. <i>Nucleic Acids Research</i> , 2024, 52, D586-D589.	13.9	16
3	Dilarmycins A–C, Calcium-Dependent Lipopeptide Antibiotics with a Non-canonical Ca <sup>2+</sup> -Binding Motif. <i>Organic Letters</i> , 2024, 26, 1343-1347.	4.7	0
4	Biosynthesis of the Azoxy Compound Azodyrecin from <i>Streptomyces mirabilis</i> P8-A2. <i>ACS Chemical Biology</i> , 2024, 19, 641-653.	3.5	3
5	Peptidinnamins N, O, and P, Nonribosomal Peptides from the Soil-Derived <i>Streptomyces mirabilis</i> P8-A2. <i>Journal of Natural Products</i> , 2024, 87, 1075-1083.	3.0	0
6	Genome-Driven Discovery of Hygrocin in <i>Streptomyces rapamycinicus</i> . <i>Journal of Natural Products</i> , 2024, 87, 1321-1329.	3.0	0
7	BGCFlow: systematic pangenome workflow for the analysis of biosynthetic gene clusters across large genomic datasets. <i>Nucleic Acids Research</i> , 2024, 52, 5478-5495.	13.9	2
8	Maramycin, a Cytotoxic Isoquinolinequinone Terpenoid Produced through Heterologous Expression of a Bifunctional Indole Prenyltransferase/Tryptophan Indole-Lyase in <i>S. albidoflavus</i> . <i>ACS Chemical Biology</i> , 2024, 19, 1303-1310.	3.5	2
9	Comparative genomics unravels a rich set of biosynthetic gene clusters with distinct evolutionary trajectories across fungal species ( <i>Termitomyces</i> ) farmed by termites. <i>Communications Biology</i> , 2024, 7, .	4.5	0
10	MIBiG 3.0: a community-driven effort to annotate experimentally validated biosynthetic gene clusters. <i>Nucleic Acids Research</i> , 2023, 51, D603-D610.	13.9	159
11	Identification and heterologous expression of the globomycin biosynthetic gene cluster. <i>Synthetic and Systems Biotechnology</i> , 2023, 8, 206-212.	4.0	6
12	antiSMASH 7.0: new and improved predictions for detection, regulation, chemical structures and visualisation. <i>Nucleic Acids Research</i> , 2023, 51, W46-W50.	13.9	509
13	Complete Genome Sequences of the Two Strains <i>Methylorubrum extorquens</i> NBC_00036 and NBC_00404. <i>Microbiology Resource Announcements</i> , 2023, 12, .	1.1	1
14	Properties of Multidrug-Resistant Mutants Derived from Heterologous Expression Chassis Strain <i>Streptomyces albidoflavus</i> J1074. <i>Microorganisms</i> , 2023, 11, 1176.	3.6	2
15	Crossiellidines A–F, Unprecedented Pyrazine-Alkylguanidine Metabolites with Broad-Spectrum Antibacterial Activity from <i>Crossiella</i> sp.. <i>Organic Letters</i> , 2023, 25, 3502-3507.	4.7	1
16	Systems Analysis of Highly Multiplexed CRISPR-Base Editing in Streptomyces. <i>ACS Synthetic Biology</i> , 2023, 12, 2353-2366.	4.0	3
17	Complete, circular genome sequence of a <i>Bosea</i> sp. isolate from soil. <i>Microbiology Resource Announcements</i> , 2023, 12, .	1.1	0
18	<i>Streptomyces</i> alleviate abiotic stress in plant by producing pteridic acids. <i>Nature Communications</i> , 2023, 14, .	13.0	10

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19	Urinary albumin creatinine ratio associated with postoperative delirium in elderly patients undergoing elective non-cardiac surgery: A prospective observational study. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 521-530.	4.1	12
20	Discovery of gargantulides B and C, new 52-membered macrolactones from <i>Amycolatopsis</i> sp. Complete absolute stereochemistry of the gargantulide family. <i>Organic Chemistry Frontiers</i> , 2022, 9, 462-470.	4.6	7
21	Pangenome analysis of Enterobacteria reveals richness of secondary metabolite gene clusters and their associated gene sets. <i>Synthetic and Systems Biotechnology</i> , 2022, 7, 900-910.	4.0	11
22	Complete Genome Sequence of the Collinolactone Producer <i>Streptomyces</i> sp. Strain GÅ¶40/10. <i>Microbiology Resource Announcements</i> , 2022, 11, .	1.1	1
23	Identification of the Biosynthetic Gene Cluster for Pyracrimycin A, an Antibiotic Produced by <i>Streptomyces</i> sp.. <i>ACS Chemical Biology</i> , 2022, 17, 2411-2417.	3.5	4
24	Long-Read Metagenome-Assembled Genomes Improve Identification of Novel Complete Biosynthetic Gene Clusters in a Complex Microbial Activated Sludge Ecosystem. <i>MSystems</i> , 2022, 7, .	4.0	18
25	BiG-FAM: the biosynthetic gene cluster families database. <i>Nucleic Acids Research</i> , 2021, 49, D490-D497.	13.9	142
26	The antiSMASH database version 3: increased taxonomic coverage and new query features for modular enzymes. <i>Nucleic Acids Research</i> , 2021, 49, D639-D643.	13.9	113
27	Genomic and Chemical Diversity of <i>Bacillus subtilis</i> Secondary Metabolites against Plant Pathogenic Fungi. <i>MSystems</i> , 2021, 6, .	4.0	66
28	Distribution of $\mu$ -Poly- <i>l</i> -Lysine Synthetases in Coryneform Bacteria Isolated from Cheese and Human Skin. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.2	14
29	Phylogenetic Distribution of Secondary Metabolites in the <i>Bacillus subtilis</i> Species Complex. <i>MSystems</i> , 2021, 6, .	4.0	48
30	antiSMASH 6.0: improving cluster detection and comparison capabilities. <i>Nucleic Acids Research</i> , 2021, 49, W29-W35.	13.9	1,729
31	Metabolic Engineering of Filamentous Actinomycetes. , 2021, , 653-688.		1
32	Complete Genome Sequence of <i>Streptomyces</i> sp. Strain CA-256286. <i>Microbiology Resource Announcements</i> , 2021, 10, e0029021.	1.1	1
33	Discovery and Characterization of Epemicins A and B, New 30-Membered Macrolides from <i>Kutzneria</i> sp. CA-103260. <i>ACS Chemical Biology</i> , 2021, 16, 1456-1468.	3.5	10
34	Complete Genome Sequence of the Rare Actinobacterium <i>Kutzneria</i> sp. Strain CA-103260. <i>Microbiology Resource Announcements</i> , 2021, 10, e0049921.	1.1	1
35	A Regulator Based "Semi-Targeted" Approach to Activate Silent Biosynthetic Gene Clusters. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7567.	4.2	13
36	The Design-Build-Test-Learn cycle for metabolic engineering of Streptomycetes. <i>Essays in Biochemistry</i> , 2021, 65, 261-275.	4.6	20

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37	Towards the sustainable discovery and development of new antibiotics. <i>Nature Reviews Chemistry</i> , 2021, 5, 726-749.	22.3	541
38	Complete Genome Sequence of <i>Amycolatopsis</i> sp. CA-230715, Encoding a 35-Module Type I Polyketide Synthase. <i>Microbiology Resource Announcements</i> , 2021, 10, e0080521.	1.1	1
39	Characterization and engineering of <i>Streptomyces griseofuscus</i> DSM 40191 as a potential host for heterologous expression of biosynthetic gene clusters. <i>Scientific Reports</i> , 2021, 11, 18301.	3.4	12
40	The Structure of Cyclodecatriene Collinolactone, its Biosynthesis, and Semisynthetic Analogues: Effects of Monoastral Phenotype and Protection from Intracellular Oxidative Stress. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23212-23216.	14.6	6
41	Ru <sup>II</sup> -Catalyzed Asymmetric Hydrogenation of Quinolones to Chiral 3,4-Dihydroquinolones. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23193-23196.	14.6	14
42	Die Struktur des Cyclodecatriens Collinolacton, seine Biosynthese und semisynthetische Derivate: monopolare Spindeln und Schutz vor intrazellulÄrem oxidativem Stress. <i>Angewandte Chemie</i> , 2021, 133, 23399.	2.1	0
43	A versatile genetic engineering toolkit for <i>E. coli</i> based on CRISPR-prime editing. <i>Nature Communications</i> , 2021, 12, 5206.	13.0	58
44	Activation and Identification of a Griseusin Cluster in <i>Streptomyces</i> sp. CA-256286 by Employing Transcriptional Regulators and Multi-Omics Methods. <i>Molecules</i> , 2021, 26, 6580.	3.9	13
45	MIBiG 2.0: a repository for biosynthetic gene clusters of known function. <i>Nucleic Acids Research</i> , 2020, 48, D454-D458.	13.9	367
46	Genome Mining Approaches to Bacterial Natural Product Discovery. , 2020, , 19-33.		5
47	Automating Cloning by Natural Transformation. <i>ACS Synthetic Biology</i> , 2020, 9, 3228-3235.	4.0	12
48	Recent Advances in Re-engineering Modular PKS and NRPS Assembly Lines. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 886-894.	2.6	31
49	ARTS 2.0: feature updates and expansion of the Antibiotic Resistant Target Seeker for comparative genome mining. <i>Nucleic Acids Research</i> , 2020, 48, W546-W552.	13.9	126
50	Designing sgRNAs for CRISPR-BEST base editing applications with CRISPy-web 2.0. <i>Synthetic and Systems Biotechnology</i> , 2020, 5, 99-102.	4.0	24
51	Programmable polyketide biosynthesis platform for production of aromatic compounds in yeast. <i>Synthetic and Systems Biotechnology</i> , 2020, 5, 11-18.	4.0	13
52	Complete Genome Sequences of 13 <i>Bacillus subtilis</i> Soil Isolates for Studying Secondary Metabolite Diversity. <i>Microbiology Resource Announcements</i> , 2020, 9, .	1.1	13
53	High-Quality Sequencing, Assembly, and Annotation of the <i>Streptomyces griseofuscus</i> DSM 40191 Genome. <i>Microbiology Resource Announcements</i> , 2020, 9, .	1.1	9
54	Genome-Scale Metabolic Reconstruction of Actinomycetes for Antibiotics Production. <i>Biotechnology Journal</i> , 2019, 14, e1800377.	3.7	25

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55	Highly efficient DSB-free base editing for streptomycetes with CRISPR-BEST. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20366-20375.	7.5	136
56	Engineering of cell factories for the production of natural products. Natural Product Reports, 2019, 36, 1231-1232.	10.9	4
57	Depiction of secondary metabolites and antifungal activity of <i>Bacillus velezensis</i> DTU001. Synthetic and Systems Biotechnology, 2019, 4, 142-149.	4.0	51
58	antiSMASH 5.0: updates to the secondary metabolite genome mining pipeline. Nucleic Acids Research, 2019, 47, W81-W87.	13.9	2,525
59	Synthetic biology and metabolic engineering of actinomycetes for natural product discovery. Biotechnology Advances, 2019, 37, 107366.	11.9	120
60	Antitumor astins originate from the fungal endophyte <i>Cyanoderrella asteris</i> living within the medicinal plant <i>Aster tataricus</i> . Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26909-26917.	7.5	43
61	CRISPR/Cas-based genome engineering in natural product discovery. Natural Product Reports, 2019, 36, 1262-1280.	10.9	97
62	The antiSMASH database version 2: a comprehensive resource on secondary metabolite biosynthetic gene clusters. Nucleic Acids Research, 2019, 47, D625-D630.	13.9	161
63	Sequence-based classification of type II polyketide synthase biosynthetic gene clusters for antiSMASH. Journal of Industrial Microbiology and Biotechnology, 2019, 46, 469-475.	3.0	23
64	Recent development of antiSMASH and other computational approaches to mine secondary metabolite biosynthetic gene clusters. Briefings in Bioinformatics, 2019, 20, 1103-1113.	6.6	128
65	The Draft Whole-Genome Sequence of the Antibiotic Producer <i>Empedobacter haloabium</i> ATCC 31962 Provides Indications for Its Taxonomic Reclassification. Microbiology Resource Announcements, 2019, 8, .	1.1	4
66	Filling the Gaps in the Kirromycin Biosynthesis: Deciphering the Role of Genes Involved in Ethylmalonyl-CoA Supply and Tailoring Reactions. Scientific Reports, 2018, 8, 3230.	3.4	19
67	Omics and multi-omics approaches to study the biosynthesis of secondary metabolites in microorganisms. Current Opinion in Microbiology, 2018, 45, 109-116.	5.1	106
68	Patscanui: an intuitive web interface for searching patterns in DNA and protein data. Nucleic Acids Research, 2018, 46, W205-W208.	13.9	6
69	Toward Systems Metabolic Engineering of Streptomycetes for Secondary Metabolites Production. Biotechnology Journal, 2018, 13, 1700465.	3.7	34
70	CRISPR-Cas9 Toolkit for Actinomycete Genome Editing. Methods in Molecular Biology, 2018, 1671, 163-184.	0.7	24
71	Lysoquinone-TH1, a New Polyphenolic Tridecaketide Produced by Expressing the Lysolipin Minimal PKS II in <i>Streptomyces albus</i> . Antibiotics, 2018, 7, 53.	3.7	8
72	Polyketide Bioderivatization Using the Promiscuous Acyltransferase KirCII. ACS Synthetic Biology, 2017, 6, 421-427.	4.0	42

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73	antiSMASH 4.0 – improvements in chemistry prediction and gene cluster boundary identification. <i>Nucleic Acids Research</i> , 2017, 45, W36-W41.	13.9	1,217
74	The Antibiotic Resistant Target Seeker (ARTS), an exploration engine for antibiotic cluster prioritization and novel drug target discovery. <i>Nucleic Acids Research</i> , 2017, 45, W42-W48.	13.9	148
75	Dissemination of antibiotic resistance genes from antibiotic producers to pathogens. <i>Nature Communications</i> , 2017, 8, 15784.	13.0	307
76	Recent development of computational resources for new antibiotics discovery. <i>Current Opinion in Microbiology</i> , 2017, 39, 113-120.	5.1	35
77	Linking secondary metabolites to biosynthesis genes in the fungal endophyte <i>Cyanoderrella asteris</i> : The anti-cancer bisanthraquinone skyrin. <i>Journal of Biotechnology</i> , 2017, 257, 233-239.	3.9	34
78	The antiSMASH database, a comprehensive database of microbial secondary metabolite biosynthetic gene clusters. <i>Nucleic Acids Research</i> , 2017, 45, D555-D559.	13.9	211
79	<i>Cyanoderrella asteris</i> sp. nov. ( <i>Ostropales</i> ) from the inflorescence axis of <i>Aster tataricus</i> . <i>Mycotaxon</i> , 2017, 132, 107-123.	0.3	16
80	The cyclochlorotine mycotoxin is produced by the nonribosomal peptide synthetase CctN in <i>Talaromyces islandicus</i> (– <i>Penicillium islandicum</i> ™). <i>Environmental Microbiology</i> , 2016, 18, 3728-3741.	3.8	17
81	CRISPy-web: An online resource to design sgRNAs for CRISPR applications. <i>Synthetic and Systems Biotechnology</i> , 2016, 1, 118-121.	4.0	127
82	Introduction to the Special Issue – Bioinformatic tools and approaches for Synthetic Biology of natural products. <i>Synthetic and Systems Biotechnology</i> , 2016, 1, 67-68.	4.0	3
83	The evolution of genome mining in microbes – a review. <i>Natural Product Reports</i> , 2016, 33, 988-1005.	10.9	563
84	Elucidating the molecular physiology of lantibiotic NAI-107 production in <i>Microbispora</i> ATCC-PTA-5024. <i>BMC Genomics</i> , 2016, 17, 42.	2.9	10
85	The secondary metabolite bioinformatics portal: Computational tools to facilitate synthetic biology of secondary metabolite production. <i>Synthetic and Systems Biotechnology</i> , 2016, 1, 69-79.	4.0	156
86	Identification and activation of novel biosynthetic gene clusters by genome mining in the kirromycin producer <i>Streptomyces collinus</i> 365. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 277-291.	3.0	37
87	Bioinformatics Tools for the Discovery of New Nonribosomal Peptides. <i>Methods in Molecular Biology</i> , 2016, 1401, 209-232.	0.7	9
88	Streptocollin, a Type...IV Lanthipeptide Produced by <i>Streptomyces collinus</i> 365. <i>ChemBioChem</i> , 2015, 16, 2615-2623.	2.8	43
89	antiSMASH 3.0 – a comprehensive resource for the genome mining of biosynthetic gene clusters. <i>Nucleic Acids Research</i> , 2015, 43, W237-W243.	13.9	1,797
90	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015, 11, 625-631.	8.0	743

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91	Draft genome sequence of <i>Talaromyces islandicus</i> (â€œ <i>Penicillium islandicum</i> â€) WF-38-12, a neglected mold with significant biotechnological potential. <i>Journal of Biotechnology</i> , 2015, 211, 101-102.	3.9	17
92	Metabolic engineering of antibiotic factories: new tools for antibiotic production in actinomycetes. <i>Trends in Biotechnology</i> , 2015, 33, 15-26.	9.4	167
93	CLUSEAN, Overview. , 2015, , 93-95.		0
94	Improved Lanthipeptide Detection and Prediction for antiSMASH. <i>PLoS ONE</i> , 2014, 9, e89420.	2.5	45
95	Novel <i>Amycolatopsis balhimycina</i> biochemical abilities unveiled by proteomics. <i>FEMS Microbiology Letters</i> , 2014, 351, 209-215.	1.8	4
96	Draft Genome Sequence of the <i>Microbispora</i> sp. Strain ATCC-PTA-5024, Producing the Lantibiotic NAI-107. <i>Genome Announcements</i> , 2014, 2, .	0.8	12
97	Reprogramming Acyl Carrier Protein Interactions of an Acyl-CoA Promiscuous trans-Acyltransferase. <i>Chemistry and Biology</i> , 2014, 21, 636-646.	6.2	43
98	In silico tools for the analysis of antibiotic biosynthetic pathways. <i>International Journal of Medical Microbiology</i> , 2014, 304, 230-235.	3.8	86
99	Complete genome sequence of the actinobacterium <i>Amycolatopsis japonica</i> MG417-CF17T (=DSM 44213T) producing (S,S)-N,Nâ€²-ethylenediaminedisuccinic acid. <i>Journal of Biotechnology</i> , 2014, 189, 46-47.	3.9	16
100	Biosynthesis of Phenylannolone A, a Multidrug Resistance Reversal Agent from the Halotolerant <i>Myxobacterium</i> <i>Nannocystis pusilla</i> B150. <i>ChemBioChem</i> , 2014, 15, 757-765.	2.8	20
101	The AT <sub>2</sub> Domain of KirCI Loads Malonyl Extender Units to the ACPs of the Kirromycin PKS. <i>ChemBioChem</i> , 2013, 14, 1343-1352.	2.8	27
102	Complete genome sequence of the kirromycin producer <i>Streptomyces collinus</i> TÃ¼ 365 consisting of a linear chromosome and two linear plasmids. <i>Journal of Biotechnology</i> , 2013, 168, 739-740.	3.9	24
103	antiSMASH 2.0â€”a versatile platform for genome mining of secondary metabolite producers. <i>Nucleic Acids Research</i> , 2013, 41, W204-W212.	13.9	770
104	Detection and quantification of a mycorrhization helper bacterium and a mycorrhizal fungus in plant-soil microcosms at different levels of complexity. <i>BMC Microbiology</i> , 2013, 13, 205.	3.3	42
105	Poly Specific <i>trans</i> -Acyltransferase Machinery Revealed <i>via</i> Engineered Acyl-CoA Synthetases. <i>ACS Chemical Biology</i> , 2013, 8, 200-208.	3.5	62
106	Discrete acyltransferases involved in polyketide biosynthesis. <i>MedChemComm</i> , 2012, 3, 871.	3.4	34
107	Genome-scale metabolic representation of <i>Amycolatopsis balhimycina</i> . <i>Biotechnology and Bioengineering</i> , 2012, 109, 1798-1807.	3.5	21
108	antiSMASH: rapid identification, annotation and analysis of secondary metabolite biosynthesis gene clusters in bacterial and fungal genome sequences. <i>Nucleic Acids Research</i> , 2011, 39, W339-W346.	13.9	1,686



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109	The phosphopantetheinyl transferase KirP activates the ACP and PCP domains of the kirromycin NRPS/PKS of <i>Streptomyces collinus</i> TÅ¼ 365. <i>FEMS Microbiology Letters</i> , 2011, 319, 26-33.	1.8	20
110	Characterization of the â€pristinamycin superclusterâ€™™ of <i>Streptomyces pristinaespiralis</i> . <i>Microbial Biotechnology</i> , 2011, 4, 192-206.	4.2	122
111	Supramolecular Templating in Kirromycin Biosynthesis: The Acyltransferase KirCII Loads Ethylmalonyl-CoA Extender onto a Specific ACP of the trans-AT PKS. <i>Chemistry and Biology</i> , 2011, 18, 438-444.	6.2	51
112	NRSPredictorâ€™”a web server for predicting NRPS adenylation domain specificity. <i>Nucleic Acids Research</i> , 2011, 39, W362-W367.	13.9	574
113	Increased glycopeptide production after overexpression of shikimate pathway genes being part of the balhimycin biosynthetic gene cluster. <i>Metabolic Engineering</i> , 2010, 12, 455-461.	7.1	49
114	Making <i>E. coli</i> an Erythromycin Production Plant. <i>Chemistry and Biology</i> , 2010, 17, 1168-1169.	6.2	2
115	Differential proteomic analysis reveals novel links between primary metabolism and antibiotic production in <i>Amycolatopsis balhimycina</i> . <i>Proteomics</i> , 2010, 10, 1336-1358.	3.0	28
116	Genome mining in <i>Amycolatopsis balhimycina</i> for ferredoxins capable of supporting cytochrome P450 enzymes involved in glycopeptide antibiotic biosynthesis. <i>FEMS Microbiology Letters</i> , 2010, 306, 45-53.	1.8	4
117	Isolation of the lysolipin gene cluster of <i>Streptomyces tendae</i> TÅ¼ 4042. <i>Gene</i> , 2010, 461, 5-14.	2.3	44
118	The kirromycin gene cluster of <i>Streptomyces collinus</i> TÅ¼ 365 codes for an aspartate-Î±-decarboxylase, KirD, which is involved in the biosynthesis of the precursor Î²-alanine. <i>Journal of Antibiotics</i> , 2009, 62, 465-468.	2.0	15
119	CLUSEAN: A computer-based framework for the automated analysis of bacterial secondary metabolite biosynthetic gene clusters. <i>Journal of Biotechnology</i> , 2009, 140, 13-17.	3.9	166
120	Module Extension of a Nonâ€Ribosomal Peptide Synthetase of the Glycopeptide Antibiotic Balhimycin Produced by <i>Amycolatopsis balhimycina</i> . <i>ChemBioChem</i> , 2008, 9, 1195-1200.	2.8	50
121	Molecular Analysis of the Kirromycin Biosynthetic Gene Cluster Revealed Î²-Alanine as Precursor of the Pyridone Moiety. <i>Chemistry and Biology</i> , 2008, 15, 175-188.	6.2	102
122	Phylogenetic analysis of condensation domains in NRPS sheds light on their functional evolution. <i>BMC Evolutionary Biology</i> , 2007, 7, 78.	3.1	305
123	Comparative analysis and insights into the evolution of gene clusters for glycopeptide antibiotic biosynthesis. <i>Molecular Genetics and Genomics</i> , 2005, 274, 40-50.	2.1	77
124	Specificity prediction of adenylation domains in nonribosomal peptide synthetases (NRPS) using transductive support vector machines (TSVMs). <i>Nucleic Acids Research</i> , 2005, 33, 5799-5808.	13.9	391
125	Exploiting the genetic potential of polyketide producing streptomycetes. <i>Journal of Biotechnology</i> , 2003, 106, 221-232.	3.9	127
126	Evidence that an Additional Mutation Is Required To Tolerate Insertional Inactivation of the <i>Streptomyces lividans</i> recA Gene. <i>Journal of Bacteriology</i> , 2001, 183, 4374-4381.	2.4	19



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127	Transcriptional and Mutational Analyses of the <i>Streptomyces lividans</i> recX Gene and Its Interference with RecA Activity. <i>Journal of Bacteriology</i> , 2000, 182, 4005-4011.	2.4	59
128	Antibiotics: Biosynthesis, Generation of Novel Compounds. , 0, , 1-12.		3
129	CRISPR/Cas-based genome engineering in natural product discovery. <i>Natural Product Reports</i> , 0, .	10.9	1
130	A treasure trove of 1034 actinomycete genomes. <i>Nucleic Acids Research</i> , 0, , .	13.9	0
131	Genome-Led Discovery of the Antibacterial Cyclic Lipopeptide Kutzneridine A and Its Silent Biosynthetic Gene Cluster from <i>Kutzneria</i> Species. <i>Journal of Natural Products</i> , 0, , .	3.0	0