

Changsheng Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8305762/publications.pdf>

Version: 2024-02-01

118
papers

6,079
citations

71102

41
h-index

79698

73
g-index

129
all docs

129
docs citations

129
times ranked

6731
citing authors

#	ARTICLE	IF	CITATIONS
1	New piericidin derivatives from the marine-derived <i>Streptomyces</i> sp. SCSIO 40063 with cytotoxic activity. <i>Natural Product Research</i> , 2022, 36, 2458-2464.	1.8	8
2	A new xanthostatin analogue from the marine sponge-associated actinomycete <i>Streptomyces</i> sp. SCSIO 40064. <i>Natural Product Research</i> , 2022, 36, 3529-3537.	1.8	2
3	Configurational Assignment of Malfilamentoside A and a New Furanone Glycoside Malfilamentoside D. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 1229.	1.3	0
4	Antifungal Macrolides Kongjuemycins from Coral-Associated Rare Actinomycete <i>Pseudonocardia kongjuensis</i> SCSIO 11457. <i>Organic Letters</i> , 2022, 24, 3482-3487.	4.6	8
5	Two New Phenylhydrazone Derivatives from the Pearl River Estuary Sediment-Derived <i>Streptomyces</i> sp. SCSIO 40020. <i>Marine Drugs</i> , 2022, 20, 449.	4.6	4
6	A new uridine derivative and a new indole derivative from the coral-associated actinomycete <i>Pseudonocardia</i> sp. SCSIO 11457. <i>Natural Product Research</i> , 2021, 35, 188-194.	1.8	13
7	Complete genome sequence of <i>Streptomyces</i> sp. SCSIO 03032 isolated from Indian Ocean sediment, producing diverse bioactive natural products. <i>Marine Genomics</i> , 2021, 55, 100803.	1.1	9
8	Structures and absolute configurations of phomalones from the coral-associated fungus <i>Parengyodontium album</i> sp. SCSIO 40430. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6030-6037.	2.8	8
9	Discovery of a new asymmetric dimer nenestatin B and implications of a dimerizing enzyme in a deep sea actinomycete. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4243-4247.	2.8	12
10	Cylindromycin from Arctic-Derived Fungus <i>Tolypocladium</i> sp. SCSIO 40433. <i>Molecules</i> , 2021, 26, 1080.	3.8	5
11	Inactivation of Flavoenzyme-Encoding Gene <i>flsO1</i> in Fluostatin Biosynthesis Leads to Diversified Angucyclinone Derivatives. <i>Journal of Organic Chemistry</i> , 2021, 86, 11019-11028.	3.2	10
12	Dassonmycins A and B, Polycyclic Thioalkaloids from a Marine Sponge-Derived <i>Nocardiopsis dassonvillei</i> SCSIO 40065. <i>Organic Letters</i> , 2021, 23, 2858-2862.	4.6	21
13	Ocauxarthrol A from <i>Auxarthron umbrinum</i> SCSIO 40432 and configurational reassignment of chrysoqueen and auxarthrols. <i>Tetrahedron Letters</i> , 2021, 66, 152842.	1.4	2
14	Antibacterial phenylspirodrimanones from the marine-derived fungus <i>Stachybotrys</i> sp. SCSIO 40434. <i>FÄ-toterapÄ-Äç</i> , 2021, 152, 104937.	2.2	5
15	Discovery of an Unexpected 1,4-Oxazepine-Linked <i>seco</i> -Fluostatin Heterodimer by Inactivation of the Oxidoreductase-Encoding Gene <i>flsP</i> . <i>Journal of Natural Products</i> , 2021, 84, 2336-2344.	3.0	7
16	A simple and facile iodination method of didechlorotiacumicin B and aromatic compounds. <i>Science China Chemistry</i> , 2021, 64, 1736.	8.2	2
17	Host-dependent heterologous expression of berninamycin gene cluster leads to linear thiopeptide antibiotics. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8940-8946.	2.8	7
18	Elaiohylin reduces body weight and lowers glucose levels in obese mice by activating AMPK. <i>Cell Death and Disease</i> , 2021, 12, 972.	6.3	2

#	ARTICLE	IF	CITATIONS
19	Penicisteckins Aâ€“F, Isochroman-Derived Atropisomeric Dimers from <i>Penicillium steckii</i> HNNU-5B18. <i>Journal of Natural Products</i> , 2021, 84, 2953-2960.	3.0	2
20	Assembly Line and Post-PKS Modifications in the Biosynthesis of Marine Polyketide Natural Products. , 2020, , 139-197.		7
21	Mutation of an atypical oxirane oxyanion hole improves regioselectivity of the \hat{I}^{\pm}/\hat{I}^2 -fold epoxide hydrolase Alp1U. <i>Journal of Biological Chemistry</i> , 2020, 295, 16987-16997.	3.4	6
22	<i>S</i> -Bridged Thioether and Structure-Diversified Angucyclinone Derivatives from the South China Sea-Derived <i>Micromonospora echinospora</i> SCSIO 04089. <i>Journal of Natural Products</i> , 2020, 83, 3122-3130.	3.0	16
23	Structural studies reveal flexible roof of active site responsible for 100%-transaminase CrmG overcoming by-product inhibition. <i>Communications Biology</i> , 2020, 3, 455.	4.4	8
24	Understand the Specific Regio- and Enantioselectivity of Fluostatin Conjugation in the Post-Biosynthesis. <i>Biomolecules</i> , 2020, 10, 815.	4.0	15
25	Activation and Characterization of Bohemamine Biosynthetic Gene Cluster from <i>Streptomyces</i> sp. CB02009. <i>Organic Letters</i> , 2020, 22, 4614-4619.	4.6	14
26	Identification and bioactivity evaluation of secondary metabolites from Antarctic-derived <i>Penicillium chrysogenum</i> CCTCC M 2020019. <i>RSC Advances</i> , 2020, 10, 20738-20744.	3.6	14
27	Proximicins F and G and Diproximicin A: Aminofurans from the Marine-Derived <i>Verrucosipora</i> sp. SCSIO 40062 by Overexpression of PPtase Genes. <i>Journal of Natural Products</i> , 2020, 83, 1152-1156.	3.0	6
28	Structural analyses of the Group A flavin-dependent monooxygenase PieE reveal a sliding FAD cofactor conformation bridging OUT and IN conformations. <i>Journal of Biological Chemistry</i> , 2020, 295, 4709-4722.	3.4	9
29	Deciphering Biosynthetic Enzymes Leading to 4-Chloro-6-Methyl-5,7-Dihydroxyphenylglycine, a Non-Proteinogenic Amino Acid in Totopotensamides. <i>ACS Chemical Biology</i> , 2020, 15, 766-773.	3.4	10
30	Engineered Biosynthesis of 5/5/6 Type Polycyclic Tetramate Macrolactams in an Ikarugamycin (5/6/5) Tj ETQq0 0 0 α BT /Overlock 10 Tff	4.6	13
31	Heterologous Expression Leads to Discovery of Diversified Lobophorin Analogues and a Flexible Glycosyltransferase. <i>Organic Letters</i> , 2020, 22, 1062-1066.	4.6	15
32	Refactoring the Concise Biosynthetic Pathway of Cyanogramide Unveils Spirooxindole Formation Catalyzed by a P450 Enzyme. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14065-14069.	13.8	20
33	Refactoring the Concise Biosynthetic Pathway of Cyanogramide Unveils Spirooxindole Formation Catalyzed by a P450 Enzyme. <i>Angewandte Chemie</i> , 2020, 132, 14169-14173.	2.0	3
34	Heterologous expression of the trichostatin gene cluster and functional characterization of <i>N</i> -methyltransferase TsnB8. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3649-3653.	2.8	9
35	Crystal structure of SARS-CoV-2 nucleocapsid protein RNA binding domain reveals potential unique drug targeting sites. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1228-1238.	12.0	547
36	Discovery and Biosynthesis of Neoenterocins Indicate a Skeleton Rearrangement of Enterocin. <i>Organic Letters</i> , 2019, 21, 9066-9070.	4.6	13

#	ARTICLE	IF	CITATIONS
37	Characterizing Two Cytochrome P450s in Tiacumicin Biosynthesis Reveals Reaction Timing for Tailoring Modifications. <i>Organic Letters</i> , 2019, 21, 7679-7683.	4.6	10
38	Functional characterization of the halogenase SpmH and discovery of new deschloro-tryptophan dimers. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1053-1057.	2.8	24
39	Discovery of Stealthin Derivatives and Implication of the Amidotransferase FlsN3 in the Biosynthesis of Nitrogen-Containing Fluostatins. <i>Marine Drugs</i> , 2019, 17, 150.	4.6	10
40	Albumycin, a new isoindolequinone from <i>Streptomyces albus</i> J1074 harboring the fluostatin biosynthetic gene cluster. <i>Journal of Antibiotics</i> , 2019, 72, 311-315.	2.0	13
41	Genome Mining of Marine-Derived <i>Streptomyces</i> sp. SCSIO 40010 Leads to Cytotoxic New Polycyclic Tetramate Macrolactams. <i>Marine Drugs</i> , 2019, 17, 663.	4.6	22
42	Tiacumicin Congeners with Improved Antibacterial Activity from a Halogenase-Inactivated Mutant. <i>Journal of Natural Products</i> , 2018, 81, 1219-1224.	3.0	14
43	Structural Basis of Transcription Inhibition by Fidaxomicin (Lipiarmycin A3). <i>Molecular Cell</i> , 2018, 70, 60-71.e15.	9.7	81
44	New polycyclic tetramate macrolactams from marine-derived <i>Streptomyces</i> sp. SCSIO 40060. <i>Tetrahedron</i> , 2018, 74, 6839-6845.	1.9	20
45	Marine Bacterial Aromatic Polyketides From Host-Dependent Heterologous Expression and Fungal Mode of Cyclization. <i>Frontiers in Chemistry</i> , 2018, 6, 528.	3.6	22
46	Molecular basis of dimer formation during the biosynthesis of benzofluorene-containing atypical angucyclines. <i>Nature Communications</i> , 2018, 9, 2088.	12.8	53
47	Pyrazolofluostatins Aâ€“C, Pyrazole-Fused Benzo[<i>a</i>]fluorenes from South China Sea-Derived <i>Micromonospora rosaria</i> SCSIO N160. <i>Organic Letters</i> , 2017, 19, 592-595.	4.6	34
48	Characterization of the flavoenzyme XiaK as an N-hydroxylase and implications in indolosesquiterpene diversification. <i>Chemical Science</i> , 2017, 8, 5067-5077.	7.4	35
49	Identification and characterization of a biosynthetic gene cluster for tryptophan dimers in deep sea-derived <i>Streptomyces</i> sp. SCSIO 03032. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 6123-6136.	3.6	16
50	Isolation, structure elucidation and biosynthesis of benzo[<i>b</i>]fluorene nenestatin A from deep-sea derived <i>Micromonospora echinospora</i> SCSIO 04089. <i>Tetrahedron</i> , 2017, 73, 3585-3590.	1.9	36
51	Genome Mining and Activation of a Silent PKS/NRPS Gene Cluster Direct the Production of Totopotensamides. <i>Organic Letters</i> , 2017, 19, 5697-5700.	4.6	59
52	Activation and characterization of a cryptic gene cluster reveals a cyclization cascade for polycyclic tetramate macrolactams. <i>Chemical Science</i> , 2017, 8, 1607-1612.	7.4	82
53	Comparative Genomics Analysis of <i>Streptomyces</i> Species Reveals Their Adaptation to the Marine Environment and Their Diversity at the Genomic Level. <i>Frontiers in Microbiology</i> , 2016, 7, 998.	3.5	62
54	Flavoenzyme CrmK-mediated substrate recycling in caerulomycin biosynthesis. <i>Chemical Science</i> , 2016, 7, 4867-4874.	7.4	14

#	ARTICLE	IF	CITATIONS
55	Î±-Pyrone with Diverse Hydroxy Substitutions from Three Marine-Derived <i>Nocardopsis</i> Strains. <i>Journal of Natural Products</i> , 2016, 79, 1610-1618.	3.0	37
56	Biochemical and Structural Insights into the Aminotransferase CrmG in Caerulomycin Biosynthesis. <i>ACS Chemical Biology</i> , 2016, 11, 943-952.	3.4	23
57	Recent Advances in Discovery, Biosynthesis and Genome Mining of Medicinally Relevant Polycyclic Tetramate Macrolactams. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 1727-1739.	2.1	47
58	Characterization of Heronamide Biosynthesis Reveals a Tailoring Hydroxylase and Indicates Migrated Double Bonds. <i>ChemBioChem</i> , 2015, 16, 2086-2093.	2.6	39
59	Elucidating the Cyclization Cascades in Xiamycin Biosynthesis by Substrate Synthesis and Enzyme Characterizations. <i>Organic Letters</i> , 2015, 17, 306-309.	4.6	35
60	Heterologous Expression of Fluostatin Gene Cluster Leads to a Bioactive Heterodimer. <i>Organic Letters</i> , 2015, 17, 5324-5327.	4.6	68
61	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015, 11, 625-631.	8.0	715
62	Mechanistic Insights into Polycycle Formation by Reductive Cyclization in Ikarugamycin Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4840-4844.	13.8	89
63	Acyclic Congeners from <i>Actinoalloteichus cyanogriseus</i> Provide Insights into Cyclic Bipyridine Glycoside Formation. <i>Organic Letters</i> , 2014, 16, 4264-4267.	4.6	36
64	Indimicins Aâ€“E, Bisindole Alkaloids from the Deep-Sea-Derived <i>Streptomyces</i> sp. SCSIO 03032. <i>Journal of Natural Products</i> , 2014, 77, 1887-1892.	3.0	49
65	Elucidating Hydroxylation and Methylation Steps Tailoring Piericidin A1 Biosynthesis. <i>Organic Letters</i> , 2014, 16, 736-739.	4.6	38
66	Heronamides Dâ€“F, Polyketide Macrolactams from the Deep-Sea-Derived <i>Streptomyces</i> sp. SCSIO 03032. <i>Journal of Natural Products</i> , 2014, 77, 388-391.	3.0	45
67	Characterization of the sugar-O-methyltransferase LobS1 in lobophorin biosynthesis. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 9043-9053.	3.6	17
68	Characterizing Amosamine Biosynthesis in Amicetin Reveals AmiG as a Reversible Retaining Glycosyltransferase. <i>Journal of the American Chemical Society</i> , 2013, 135, 12152-12155.	13.7	27
69	Dissecting Glycosylation Steps in Lobophorin Biosynthesis Implies an Iterative Glycosyltransferase. <i>Organic Letters</i> , 2013, 15, 1374-1377.	4.6	46
70	<i>Pseudonocardia antitumoralis</i> sp. nov., a deoxyxyboquinone-producing actinomycete isolated from a deep-sea sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 893-899.	1.7	35
71	New diketopiperazine derivatives from a deep-sea-derived <i>Nocardopsis alba</i> SCSIO 03039. <i>Journal of Antibiotics</i> , 2013, 66, 31-36.	2.0	43
72	Nocardiamides A and B, Two Cyclohexapeptides from the Marine-Derived Actinomycete <i>Nocardopsis</i> sp. CNX037. <i>Journal of Natural Products</i> , 2013, 76, 694-701.	3.0	34

#	ARTICLE	IF	CITATIONS
73	Insights into Caerulomycin A Biosynthesis: A Two-Component Monooxygenase CrmH-Catalyzed Oxime Formation. <i>Journal of the American Chemical Society</i> , 2013, 135, 18750-18753.	13.7	47
74	Antibacterial and Cytotoxic New Napyradiomycins from the Marine-Derived <i>Streptomyces</i> sp. SCSIO 10428. <i>Marine Drugs</i> , 2013, 11, 2113-2125.	4.6	51
75	Characterization of the Amicetin Biosynthesis Gene Cluster from <i>Streptomyces vinaceusdrappus</i> NRRL 2363 Implicates Two Alternative Strategies for Amide Bond Formation. <i>Applied and Environmental Microbiology</i> , 2012, 78, 2393-2401.	3.1	41
76	Discovery and Engineered Overproduction of Antimicrobial Nucleoside Antibiotic A201A from the Deep-Sea Marine Actinomycete <i>Marinactinospora thermotolerans</i> SCSIO 00652. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 110-114.	3.2	40
77	<i>Marininema mesophilum</i> gen. nov., sp. nov., a thermoactinomycete isolated from deep sea sediment, and emended description of the family Thermoactinomycetaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1383-1388.	1.7	29
78	Fluostatins from the South China Sea-Derived <i>Micromonospora rosaria</i> SCSIO N160. <i>Journal of Natural Products</i> , 2012, 75, 1937-1943.	3.0	57
79	Carboxyl Formation from Methyl via Triple Hydroxylations by Xiam in Xiamycin A Biosynthesis. <i>Organic Letters</i> , 2012, 14, 6142-6145.	4.6	43
80	^{11,12} Double Bond Formation in Tirandamycin Biosynthesis is Atypically Catalyzed by TrdE, a Glycoside Hydrolase Family Enzyme. <i>Journal of the American Chemical Society</i> , 2012, 134, 2844-2847.	13.7	23
81	Identification of Caerulomycin A Gene Cluster Implicates a Tailoring Amidohydrolase. <i>Organic Letters</i> , 2012, 14, 2666-2669.	4.6	56
82	Cytotoxic Angucycline Class Glycosides from the Deep Sea Actinomycete <i>Streptomyces lusitanus</i> SCSIO LR32. <i>Journal of Natural Products</i> , 2012, 75, 202-208.	3.0	66
83	Identification and Characterization of Xiamycin A and Oxiamycin Gene Cluster Reveals an Oxidative Cyclization Strategy Tailoring Indolosesquiterpene Biosynthesis. <i>Journal of the American Chemical Society</i> , 2012, 134, 8996-9005.	13.7	87
84	Coupled Indolosesquiterpene Atropine Diastereomers from a Marine-Derived Actinomycete. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5256-5262.	2.4	137
85	Spiroindimicins: New Bisindole Alkaloids from a Deep-Sea-Derived Actinomycete. <i>Organic Letters</i> , 2012, 14, 3364-3367.	4.6	120
86	<i>Streptomyces nanhaiensis</i> sp. nov., a marine streptomycete isolated from a deep-sea sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 864-868.	1.7	19
87	<i>Streptomyces oceani</i> sp. nov., a new obligate marine actinomycete isolated from a deep-sea sample of seep authigenic carbonate nodule in South China Sea. <i>Antonie Van Leeuwenhoek</i> , 2012, 102, 335-343.	1.7	27
88	Penicacids, three new mycophenolic acid derivatives and immunosuppressive activities from the marine-derived fungus <i>Penicillium</i> sp. SOF07. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 3332-3335.	2.2	26
89	Characterization of a Single Gene Cluster Responsible for Methylpendolmycin and Pendolmycin Biosynthesis in the Deep Sea Bacterium <i>Marinactinospora thermotolerans</i> . <i>ChemBioChem</i> , 2012, 13, 547-552.	2.6	27
90	Characterization of Tiacumicin B Biosynthetic Gene Cluster Affording Diversified Tiacumicin Analogues and Revealing a Tailoring Dihalogenase. <i>Journal of the American Chemical Society</i> , 2011, 133, 1092-1105.	13.7	81

#	ARTICLE	IF	CITATIONS
91	Characterization of <i>TrdL</i> as a 10-Hydroxy Dehydrogenase and Generation of New Analogues from a Tirandamycin Biosynthetic Pathway. <i>Organic Letters</i> , 2011, 13, 2212-2215.	4.6	25
92	Pseudonocardians A-C, New Diazaanthraquinone Derivatives from a Deep-Sea Actinomycete <i>Pseudonocardia</i> sp. SCSIO 01299. <i>Marine Drugs</i> , 2011, 9, 1428-1439.	4.6	72
93	Cloning and characterization of the biosynthetic gene cluster of the bacterial RNA polymerase inhibitor tirandamycin from marine-derived <i>Streptomyces</i> sp. SCSIO1666. <i>Biochemical and Biophysical Research Communications</i> , 2011, 406, 341-347.	2.1	42
94	Antimalarial β -Carboline and Indolactam Alkaloids from <i>Marinactinospora thermotolerans</i> , a Deep Sea Isolate. <i>Journal of Natural Products</i> , 2011, 74, 2122-2127.	3.0	140
95	Recombinant <i>E. coli</i> Prototype Strains for <i>in Vivo</i> Glycorandomization. <i>ACS Chemical Biology</i> , 2011, 6, 95-100.	3.4	59
96	Lobophorins E and F, new spiro-tetronate antibiotics from a South China Sea-derived <i>Streptomyces</i> sp. SCSIO 01127. <i>Journal of Antibiotics</i> , 2011, 64, 711-716.	2.0	80
97	Preliminary X-ray crystallographic analysis of the glycosyltransferase from a marine <i>Streptomyces</i> species. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 136-139.	0.7	1
98	New Cytochalasins from the Marine-Derived Fungus <i>Xylaria</i> sp. SCSIO 156. <i>Helvetica Chimica Acta</i> , 2011, 94, 1671-1676.	1.6	34
99	Biosynthesis of Himastatin: Assembly Line and Characterization of Three Cytochrome P450 Enzymes Involved in the Post-tailoring Oxidative Steps. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7797-7802.	13.8	89
100	Characterization of a Sugar-O-methyltransferase TiaS5 Affords New Tiacumicin Analogues with Improved Antibacterial Properties and Reveals Substrate Promiscuity. <i>ChemBioChem</i> , 2011, 12, 1740-1748.	2.6	25
101	The <i>in vitro</i> Characterization of Polyene Glycosyltransferases AmphDI and NysDI. <i>ChemBioChem</i> , 2008, 9, 2506-2514.	2.6	27
102	Optimizing Glycosyltransferase Specificity via Hot Spot Saturation Mutagenesis Presents a Catalyst for Novobiocin Glycorandomization. <i>Chemistry and Biology</i> , 2008, 15, 393-401.	6.0	88
103	Biochemical and Structural Insights of the Early Glycosylation Steps in Calicheamicin Biosynthesis. <i>Chemistry and Biology</i> , 2008, 15, 842-853.	6.0	51
104	Structure and Mechanism of the Rebeccamycin Sugar 4-O-Methyltransferase RebM. <i>Journal of Biological Chemistry</i> , 2008, 283, 22628-22636.	3.4	57
105	The <i>In Vitro</i> Characterization of the Erythronolide Mycarosyltransferase EryBV and Its Utility in Macrolide Diversification. <i>ChemBioChem</i> , 2007, 8, 385-390.	2.6	43
106	Expanding the promiscuity of a natural-product glycosyltransferase by directed evolution. <i>Nature Chemical Biology</i> , 2007, 3, 657-662.	8.0	249
107	Structural Insight into the Self-Sacrifice Mechanism of Eneidyne Resistance. <i>ACS Chemical Biology</i> , 2006, 1, 451-460.	3.4	34
108	Exploiting the Reversibility of Natural Product Glycosyltransferase-Catalyzed Reactions. <i>Science</i> , 2006, 313, 1291-1294.	12.6	263

#	ARTICLE	IF	CITATIONS
109	Natural Product Diversification Using a Non-natural Cofactor Analogue of S-Adenosyl-L-methionine. <i>Journal of the American Chemical Society</i> , 2006, 128, 2760-2761.	13.7	72
110	The in Vitro Characterization of the Iterative Avermectin Glycosyltransferase AveBI Reveals Reaction Reversibility and Sugar Nucleotide Flexibility. <i>Journal of the American Chemical Society</i> , 2006, 128, 16420-16421.	13.7	76
111	Deciphering Indolocarbazole and Eneidyne Aminodideoxypentose Biosynthesis through Comparative Genomics: Insights from the AT2433 Biosynthetic Locus. <i>Chemistry and Biology</i> , 2006, 13, 733-743.	6.0	63
112	RebG- and RebM-Catalyzed Indolocarbazole Diversification. <i>ChemBioChem</i> , 2006, 7, 795-804.	2.6	67
113	Substrate Specificity of the Macrolide-Glycosylating Enzyme Pair DesVII/DesVIII: Opportunities, Limitations, and Mechanistic Hypotheses. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2748-2753.	13.8	71
114	Diversifying Vancomycin via Chemoenzymatic Strategies. <i>Organic Letters</i> , 2005, 7, 1513-1515.	4.6	101
115	Antibiotic optimization via in vitro glycorandomization. <i>Nature Biotechnology</i> , 2003, 21, 1467-1469.	17.5	214
116	The acarbose-biosynthetic enzyme AcbO from <i>Actinoplanes</i> sp. SE 50/110 is a 2-epi -5-epi -valiolone-7-phosphate 2-epimerase. <i>FEBS Letters</i> , 2003, 540, 47-52.	2.8	26
117	Identification of a 1-epi-valienol 7-kinase activity in the producer of acarbose, <i>Actinoplanes</i> sp. SE50/110. <i>FEBS Letters</i> , 2003, 540, 53-57.	2.8	17
118	Biosynthesis of the C7-cyclitol Moiety of Acarbose in <i>Actinoplanes</i> Species SE50/110. <i>Journal of Biological Chemistry</i> , 2002, 277, 22853-22862.	3.4	58