

Hideaki Takeya

List of Publications by Year in descending order

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184
papers

7,448
citations

70961

41
h-index

64668

79
g-index

220
all docs

220
docs citations

220
times ranked

7521
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA-Methylation-Dependent RNA Processing Controls the Speed of the Circadian Clock. <i>Cell</i> , 2013, 155, 793-806.	13.5	775
2	Novel mammalian cell cycle inhibitors, spirotryprostatins A and B, produced by <i>Aspergillus fumigatus</i> , which inhibit mammalian cell cycle at G2/M phase. <i>Tetrahedron</i> , 1996, 52, 12651-12666.	1.0	478
3	Innovative Preparation of Curcumin for Improved Oral Bioavailability. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 660-665.	0.6	364
4	Spirotryprostatin B, a Novel Mammalian Cell Cycle Inhibitor Produced by <i>Aspergillus fumigatus</i> .. <i>Journal of Antibiotics</i> , 1996, 49, 832-835.	1.0	291
5	Novel Mammalian Cell Cycle Inhibitors, Tryprostatins A, B and Other Diketopiperazines Produced by <i>Aspergillus fumigatus</i> . I. Taxonomy, Fermentation, Isolation and Biological Properties.. <i>Journal of Antibiotics</i> , 1996, 49, 527-533.	1.0	187
6	UCHL1 provides diagnostic and antimetastatic strategies due to its deubiquitinating effect on HIF-1 α . <i>Nature Communications</i> , 2015, 6, 6153.	5.8	175
7	A novel lactonohydrolase responsible for the detoxification of zearalenone: enzyme purification and gene cloning. <i>Biochemical Journal</i> , 2002, 365, 1-6.	1.7	167
8	Novel mammalian cell cycle inhibitors, cycloprostatins A&D, produced by <i>Aspergillus fumigatus</i> , which inhibit mammalian cell cycle at G2/M phase. <i>Tetrahedron</i> , 1997, 53, 59-72.	1.0	145
9	Epolactaene, a Novel Neurotogenic Compound in Human Neuroblastoma Cells, Produced by a Marine Fungus.. <i>Journal of Antibiotics</i> , 1995, 48, 733-735.	1.0	140
10	Novel Mammalian Cell Cycle Inhibitors, Tryprostatins A, B and Other Diketopiperazines Produced by <i>Aspergillus fumigatus</i> . II. Physico-chemical Properties and Structures.. <i>Journal of Antibiotics</i> , 1996, 49, 534-540.	1.0	140
11	Tryprostatins A and B, Novel Mammalian Cell Cycle Inhibitors Produced by <i>Aspergillus fumigatus</i> .. <i>Journal of Antibiotics</i> , 1995, 48, 1382-1384.	1.0	138
12	Azaspirene: A Novel Angiogenesis Inhibitor Containing a 1-Oxa-7-azaspiro[4.4]non-2-ene-4,6-dione Skeleton Produced by the Fungus <i>Neosartorya</i> sp.. <i>Organic Letters</i> , 2002, 4, 2845-2848.	2.4	128
13	Cytoxazone: A Novel Cytokine Modulator Containing a 2-Oxazolidinone Ring Produced by <i>Streptomyces</i> sp.. <i>Journal of Organic Chemistry</i> , 1999, 64, 1052-1053.	1.7	127
14	Microbial hydrolysis as a potent method for the preparation of optically active nitriles, amides and carboxylic acids. <i>Tetrahedron Letters</i> , 1991, 32, 1343-1346.	0.7	113
15	Marine antifungal theonellamides target 3 β -hydroxysterol to activate Rho1 signaling. <i>Nature Chemical Biology</i> , 2010, 6, 519-526.	3.9	111
16	Epolactaene binds human Hsp60 Cys442 resulting in the inhibition of chaperone activity. <i>Biochemical Journal</i> , 2005, 387, 835-840.	1.7	94
17	Epoxyquinol A, a Highly Functionalized Pentaketide Dimer with Antiangiogenic Activity Isolated from Fungal Metabolites. <i>Journal of the American Chemical Society</i> , 2002, 124, 3496-3497.	6.6	93
18	Total Synthesis of (+)-Epoxyquinols A and B. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3192-3194.	7.2	91

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19	Neuritogenic Effect of Epolactaene Derivatives on Human Neuroblastoma Cells Which Lack High-Affinity Nerve Growth Factor Receptors. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 391-394.	2.9	90
20	A Natural p300-Specific Histone Acetyltransferase Inhibitor, Curcumin, in Addition to Angiotensin-Converting Enzyme Inhibitor, Exerts Beneficial Effects on Left Ventricular Systolic Function After Myocardial Infarction in Rats. <i>Circulation Journal</i> , 2011, 75, 2151-2159.	0.7	83
21	Biotransformation of the Mycotoxin, Zearalenone, to a Non-estrogenic Compound by a Fungal Strain of <i>Clonostachys</i> sp.. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002, 66, 2723-2726.	0.6	82
22	Total Synthesis of Epoxyquinols A, B, and C and Epoxytwinol A and the Reactivity of a 2H-Pyran Derivative as the Diene Component in the Diels-Alder Reaction. <i>Journal of Organic Chemistry</i> , 2005, 70, 79-91.	1.7	75
23	Synthesis and structure-activity relationship studies on tryprostatin A, an inhibitor of breast cancer resistance protein. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 4626-4651.	1.4	73
24	Asymmetric Total Synthesis of (S)-Azaspiro[3.5]undec-2-ene, a Novel Angiogenesis Inhibitor. <i>Journal of the American Chemical Society</i> , 2002, 124, 12078-12079.	6.6	71
25	Preparation of enantiomerically enriched compound using enzymes. Part 3. Enzymic preparation of enantiomerically enriched tertiary .alpha.-benzyloxy acid esters. Application to the synthesis of (S)-(-)-frontalin. <i>Journal of Organic Chemistry</i> , 1990, 55, 4643-4647.	1.7	69
26	Identification of Cytochrome P450s Required for Fumitremorgin Biosynthesis in <i>Aspergillus fumigatus</i> . <i>ChemBioChem</i> , 2009, 10, 920-928.	1.3	69
27	5-Alkyl-1,2,3,4-tetrahydroquinolines, New Membrane-Interacting Lipophilic Metabolites Produced by Combined Culture of <i>Streptomyces nigrescens</i> and <i>Tsukamurella pulmonis</i> . <i>Organic Letters</i> , 2015, 17, 1918-1921.	2.4	66
28	Highly absorptive curcumin reduces serum atherosclerotic low-density lipoprotein levels in patients with mild COPD. <i>International Journal of COPD</i> , 2016, Volume 11, 2029-2034.	0.9	57
29	Epoxyquinol B, a Fungal Metabolite with a Potent Antiangiogenic Activity.. <i>Journal of Antibiotics</i> , 2002, 55, 829-831.	1.0	55
30	Structure-activity relationships of epolactaene derivatives: structural requirements for inhibition of Hsp60 chaperone activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 4425-4429.	1.0	55
31	Asymmetric Total Synthesis of Pseurotin A. <i>Organic Letters</i> , 2003, 5, 2287-2290.	2.4	54
32	Structure and Biological Activity of 8-Deoxyheronamide C from a Marine-Derived <i>Streptomyces</i> sp.: Heronamides Target Saturated Hydrocarbon Chains in Lipid Membranes. <i>Journal of the American Chemical Society</i> , 2014, 136, 5209-5212.	6.6	54
33	Lucilactaene, a New Cell Cycle Inhibitor in p53-Transfected Cancer Cells, Produced by a <i>Fusarium</i> sp.. <i>Journal of Antibiotics</i> , 2001, 54, 850-854.	1.0	53
34	Cytotrienin A, a Novel Apoptosis Inducer in Human Leukemia HL-60 Cells.. <i>Journal of Antibiotics</i> , 1997, 50, 370-372.	1.0	51
35	Enantio- and Diastereoselective Total Synthesis of (+)-Panepophenanthrin, a Ubiquitin-Activating Enzyme Inhibitor, and Biological Properties of Its New Derivatives. <i>Chemistry - An Asian Journal</i> , 2006, 1, 845-851.	1.7	51
36	The Asymmetric Total Synthesis of (+)-Cytotrienin A, an Ansamycin-type Anticancer Drug. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6657-6660.	7.2	51

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37	Colloidal Submicron-Particle Curcumin Exhibits High Absorption Efficiency—A Double-Blind, 3-Way Crossover Study—. Journal of Nutritional Science and Vitaminology, 2015, 61, 37-44.	0.2	51
38	Natural products-prompted chemical biology: phenotypic screening and a new platform for target identification. Natural Product Reports, 2016, 33, 648-654.	5.2	49
39	Requirement of protein kinase (Krs/MST) activation for MT-21-induced apoptosis. Oncogene, 1999, 18, 5211-5220.	2.6	48
40	Concise Enantio- and Diastereoselective Total Syntheses of Fumagillol, RK-805, FR65814, Ovalicin, and 5-Demethylovalicin. Angewandte Chemie - International Edition, 2006, 45, 789-793.	7.2	45
41	Novel triene-ansamycins, cytotrienins A and B, inducing apoptosis on human leukemia HL-60 cells. Tetrahedron Letters, 1997, 38, 1789-1792.	0.7	44
42	A Novel Drug Delivery System of Oral Curcumin Markedly Improves Efficacy of Treatment for Heart Failure after Myocardial Infarction in Rats. Biological and Pharmaceutical Bulletin, 2012, 35, 139-144.	0.6	42
43	Microbial Hydrolysis of 3-Substituted Glutaronitriles. Chemistry Letters, 1991, 20, 1823-1824.	0.7	41
44	Acetophthalidin, a Novel Inhibitor of Mammalian Cell Cycle, Produced by a Fungus Isolated from a Sea Sediment.. Journal of Antibiotics, 1996, 49, 216-219.	1.0	41
45	Drinkable Preparation of Theracurmin Exhibits High Absorption Efficiency—A Single-Dose, Double-Blind, 4-Way Crossover Study. Biological and Pharmaceutical Bulletin, 2013, 36, 1708-1714.	0.6	41
46	Interaction between the Marine Sponge Cyclic Peptide Theonellamide A and Sterols in Lipid Bilayers As Viewed by Surface Plasmon Resonance and Solid-State ² H Nuclear Magnetic Resonance. Biochemistry, 2013, 52, 2410-2418.	1.2	40
47	Activation of MST/Krs and c-Jun N-terminal Kinases by Different Signaling Pathways during Cytotrienin A-induced Apoptosis. Journal of Biological Chemistry, 2000, 275, 8766-8771.	1.6	38
48	Effects of Highly Absorbable Curcumin in Patients with Impaired Glucose Tolerance and Non-Insulin-Dependent Diabetes Mellitus. Journal of Diabetes Research, 2019, 2019, 1-7.	1.0	38
49	A practical total synthesis of both enantiomers of epoxyquinols A and B. Tetrahedron Letters, 2002, 43, 9155-9158.	0.7	37
50	Curcumin Î²-D-Glucuronide Plays an Important Role to Keep High Levels of Free-Form Curcumin in the Blood. Biological and Pharmaceutical Bulletin, 2017, 40, 1515-1524.	0.6	37
51	Dephostatin, a novel protein tyrosine phosphatase inhibitor produced by Streptomyces. II. Structure determination.. Journal of Antibiotics, 1993, 46, 1716-1719.	1.0	36
52	Azaspirene, a fungal product, inhibits angiogenesis by blocking Raf—1 activation. Cancer Science, 2008, 99, 1853-1858.	1.7	36
53	Discovery and Total Synthesis of Streptoaminals: Antimicrobial [5,5]-spirohemiaminals from the Combined—Culture of <i>Streptomyces nigrescens</i> and <i>Tsukamurella pulmonis</i> . Angewandte Chemie - International Edition, 2016, 55, 10278-10282.	7.2	36
54	First Asymmetric Total Synthesis of Synerazol, an Antifungal Antibiotic, and Determination of Its Absolute Stereochemistry. Journal of Organic Chemistry, 2005, 70, 5643-5654.	1.7	35

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55	LY6E: a conductor of malignant tumor growth through modulation of the PTEN/PI3K/Akt/HIF-1 axis. <i>Oncotarget</i> , 2016, 7, 65837-65848.	0.8	35
56	A synthesis of (R)-(-)-mevalonolactone by the combination of enzymatic and chemical methods. <i>Tetrahedron</i> , 1990, 46, 3463-3468.	1.0	32
57	Optimal Dose-Setting Study of Curcumin for Improvement of Left Ventricular Systolic Function After Myocardial Infarction in Rats. <i>Journal of Pharmacological Sciences</i> , 2014, 126, 329-336.	1.1	31
58	Different Reaction Modes for the Oxidative Dimerization of Epoxyquinols and Epoxyquinones. Importance of Intermolecular Hydrogen-Bonding. <i>Journal of Organic Chemistry</i> , 2004, 69, 1548-1556.	1.7	30
59	Fumagillin suppresses HIV-1 infection of macrophages through the inhibition of Vpr activity. <i>FEBS Letters</i> , 2006, 580, 2598-2602.	1.3	30
60	Active site-directed proteomic probes for adenylation domains in nonribosomal peptide synthetases. <i>Chemical Communications</i> , 2015, 51, 2262-2265.	2.2	30
61	Curcumin and its demethoxy derivatives possess p300 HAT inhibitory activity and suppress hypertrophic responses in cardiomyocytes. <i>Journal of Pharmacological Sciences</i> , 2018, 136, 212-217.	1.1	30
62	The Synthetic Curcumin Analogue GO-Y030 Effectively Suppresses the Development of Pressure Overload-induced Heart Failure in Mice. <i>Scientific Reports</i> , 2020, 10, 7172.	1.6	30
63	Novel non-peptide inhibitors targeting death receptor-Mediated apoptosis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 3743-3746.	1.0	29
64	Determination by Asymmetric Total Synthesis of the Absolute Configuration of Lucilactaene, a Cell-Cycle Inhibitor in p53-Transfected Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3110-3115.	7.2	29
65	Visualization of Sterol-Rich Membrane Domains with Fluorescently-Labeled Theonellamides. <i>PLoS ONE</i> , 2013, 8, e83716.	1.1	27
66	Chlorocatechins A and B from <i>Streptomyces</i> sp.: New Siderophores Containing Chlorinated Catecholate Groups and an Acylguanidine Structure. <i>Organic Letters</i> , 2014, 16, 6108-6111.	2.4	27
67	Cryptic Chemical Communication: Secondary Metabolic Responses Revealed by Microbial Co-culture. <i>Chemistry - an Asian Journal</i> , 2020, 15, 327-337.	1.7	27
68	Reaction modes of oxidative dimerization of epoxy-cyclohexenols. <i>Tetrahedron Letters</i> , 2003, 44, 7205-7207.	0.7	26
69	Preparation of Enantiomerically Enriched Compounds by Using Enzymes, Part XI. Preparation of Optically Active .ALPHA.-Hydroxy Acid Derivatives by Microbial Hydrolysis of Cyanohydrins and Its Application to the Synthesis of (R)-4-Dodecanolide.. <i>Agricultural and Biological Chemistry</i> , 1991, 55, 1877-1881.	0.3	24
70	Isolation of a novel substrate-competitive tyrosine kinase inhibitor, desmal, from the plant <i>Desmos chinensis</i> . <i>FEBS Letters</i> , 1993, 320, 169-172.	1.3	24
71	Enantio- and Diastereoselective Total Synthesis of EI-1941 ¹ , ² , and ³ , Inhibitors of Interleukin-1 ² Converting Enzyme, and Biological Properties of Their Derivatives. <i>Journal of Organic Chemistry</i> , 2005, 70, 9905-9915.	1.7	24
72	Stereochemical reassignment of heronamide A, a polyketide macrolactam from <i>Streptomyces</i> sp.. <i>Tetrahedron Letters</i> , 2013, 54, 1531-1533.	0.7	24

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73	Design, synthesis, and structure-activity relationships of 1-ethylpyrazole-3-carboxamide compounds as novel hypoxia-inducible factor (HIF)-1 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1776-1787.	1.4	24
74	Targeting hypoxia-inducible factor 1 (HIF-1) signaling with natural products toward cancer chemotherapy. <i>Journal of Antibiotics</i> , 2021, 74, 687-695.	1.0	24
75	A synthesis of (âˆ”)â€”deoxypodocarpic acid methyl ester via an enzymatic enantioselective hydrolysis of the key intermediate enol ester. <i>Tetrahedron</i> , 1989, 45, 6135-6144.	1.0	23
76	Biosynthesis of 1-aminocyclopropane-1-carboxylic acid moiety on cytotrienin A in <i>Streptomyces</i> sp.. <i>Tetrahedron Letters</i> , 1998, 39, 6947-6948.	0.7	23
77	RK-805, an endothelial-cell-growth inhibitor produced by <i>Neosartorya</i> sp., and a docking model with methionine aminopeptidase-2. <i>Tetrahedron</i> , 2004, 60, 7085-7091.	1.0	23
78	Profiling Nonribosomal Peptide Synthetase Activities Using Chemical Proteomic Probes for Adenylation Domains. <i>ACS Chemical Biology</i> , 2015, 10, 1989-1997.	1.6	23
79	Saccharothriolides Aâ€”C, novel phenyl-substituted 10-membered macrolides isolated from a rare actinomycete <i>Saccharothrix</i> sp.. <i>Chemical Communications</i> , 2015, 51, 8074-8077.	2.2	23
80	Asymmetric Total Synthesis of Heronamidesâ€”Aâ€”C: Stereochemical Confirmation and Impact of Long-Range Stereochemical Communication on the Biological Activity. <i>Chemistry - A European Journal</i> , 2016, 22, 8586-8595.	1.7	23
81	Epoxyquinol B, a Naturally Occurring Pentaketide Dimer, Inhibits NF-Î²B Signaling by Crosslinking TAK1. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 1894-1900.	0.6	22
82	Accurate Detection of Adenylation Domain Functions in Nonribosomal Peptide Synthetases by an Enzyme-linked Immunosorbent Assay System Using Active Site-directed Probes for Adenylation Domains. <i>ACS Chemical Biology</i> , 2015, 10, 2816-2826.	1.6	22
83	RKS-1778, a New Mammalian Cell-Cycle Inhibitor and a Key Intermediate of the [11]Cytochalasin Group. <i>Journal of Natural Products</i> , 1997, 60, 669-672.	1.5	21
84	Epoxyhexenone Inhibits Fas-mediated Apoptosis by Blocking Activation of Pro-caspase-8 in the Death-inducing Signaling Complex. <i>Journal of Biological Chemistry</i> , 2003, 278, 11213-11220.	1.6	21
85	Epoxytwinol A, a novel unique angiogenesis inhibitor with C2 symmetry, produced by a fungus. <i>Chemical Communications</i> , 2005, , 2575.	2.2	21
86	Marine sponge cyclic peptide theonellamide A disrupts lipid bilayer integrity without forming distinct membrane pores. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1373-1379.	1.4	21
87	Curcumin Î²â€”Dâ€”glucuronide exhibits anti-tumor effects on oxaliplatin-resistant colon cancer with less toxicity in vivo. <i>Cancer Science</i> , 2020, 111, 1785-1793.	1.7	21
88	Ubiquitin carboxyl-terminal hydrolase L1 promotes hypoxia-inducible factor 1-dependent tumor cell malignancy in spheroid models. <i>Cancer Science</i> , 2020, 111, 239-252.	1.7	21
89	Total synthesis and determination of the absolute configuration of FD-838, a naturally occurring azaspirobicyclic product. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3863-3865.	1.0	20
90	Structure Elucidation of Verucopeptin, a HIF-1 Inhibitory Polyketide-Hexapeptide Hybrid Metabolite from an Actinomycete. <i>Organic Letters</i> , 2015, 17, 5364-5367.	2.4	20

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91	Thioamycolamides A–E, Sulfur-Containing Cycliclipopeptides Produced by the Rare Actinomycete <i>Amycolatopsis</i> sp.. <i>Organic Letters</i> , 2020, 22, 3014-3017.	2.4	20
92	Preparation of Enantiomerically Enriched Compounds by Using Enzymes, Part X. Biochemical Preparation of Optically Active 4-Hydroxy-BETA-ionone and Its Transformation to (S)-6-Hydroxy-ALPHA-ionone.. <i>Agricultural and Biological Chemistry</i> , 1991, 55, 1873-1876.	0.3	19
93	Synthesis and cell cycle inhibition of the peptide enamide natural products terpeptin and the aspergillamides. <i>Tetrahedron</i> , 2003, 59, 8931-8946.	1.0	19
94	Inhibition of translation by cytotrienin A—a member of the ansamycin family. <i>Rna</i> , 2010, 16, 2404-2413.	1.6	19
95	Total Synthesis and Antimicrobial Activity of Chlorocatechelin A. <i>Journal of Organic Chemistry</i> , 2015, 80, 6076-6082.	1.7	19
96	Functional profiling of adenylation domains in nonribosomal peptide synthetases by competitive activity-based protein profiling. <i>Chemical Communications</i> , 2015, 51, 15764-15767.	2.2	19
97	An interferon-like small chemical compound CDM-3008 suppresses hepatitis B virus through induction of interferon-stimulated genes. <i>PLoS ONE</i> , 2019, 14, e0216139.	1.1	19
98	RK-95113, a New Angiogenesis Inhibitor Produced by <i>Aspergillus fumigatus</i> . <i>Journal of Antibiotics</i> , 2006, 59, 724-728.	1.0	18
99	Total Synthesis of the Proposed Structure of Heronamide C. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1376-1380.	1.2	18
100	Curcumin, an Inhibitor of p300-HAT Activity, Suppresses the Development of Hypertension-Induced Left Ventricular Hypertrophy with Preserved Ejection Fraction in Dahl Rats. <i>Nutrients</i> , 2021, 13, 2608.	1.7	18
101	Chemical tagging of a drug target using 5-sulfonyl tetrazole. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1608-1611.	1.0	17
102	Biosynthetic Origins of the Epoxyquinone Skeleton in Epoxyquinols A and B. <i>Journal of Natural Products</i> , 2014, 77, 2707-2710.	1.5	17
103	A 7-dimethylallyl tryptophan synthase from a fungal <i>Neosartorya</i> sp.: Biochemical characterization and structural insight into the regioselective prenylation. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2517-2528.	1.4	17
104	Discovery of Presaccharothriolide X, a Retro-Michael Reaction Product of Saccharothriolide B, from the Rare Actinomycete <i>Saccharothrix</i> sp. A1506. <i>Organic Letters</i> , 2018, 20, 4406-4410.	2.4	17
105	Identification of the common biosynthetic gene cluster for both antimicrobial streptoaminals and antifungal 5-alkyl-1,2,3,4-tetrahydroquinolines. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2370-2378.	1.5	17
106	Methylation deficiency disrupts biological rhythms from bacteria to humans. <i>Communications Biology</i> , 2020, 3, 211.	2.0	17
107	Fungal Metabolite, Epoxyquinol B, Crosslinks Proteins by Epoxy-thiol Conjugation. <i>Journal of Antibiotics</i> , 2008, 61, 94-97.	1.0	16
108	Tumescenamamide C, an antimicrobial cyclic lipodepsipeptide from <i>Streptomyces</i> sp.. <i>Tetrahedron</i> , 2012, 68, 5572-5578.	1.0	16

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109	Isolation and Structure Elucidation of Cytotoxic Saccharothriolides D to F from a Rare Actinomycete <i>Saccharothrix</i> sp. and Their Structure-Activity Relationship. <i>Journal of Natural Products</i> , 2016, 79, 1891-1895.	1.5	16
110	Expression, purification and enzymatic characterization of a recombinant human ubiquitin-specific protease 47. <i>Journal of Biochemistry</i> , 2015, 158, mvv063.	0.9	15
111	Stereochemical Assignment and Biological Evaluation of BE-14106 Unveils the Importance of One Acetate Unit for the Antifungal Activity of Polyene Macrolactams. <i>Journal of Natural Products</i> , 2016, 79, 1877-1880.	1.5	15
112	Synthesis of Chemically Stabilized Phosmidosine Analogues and the Structure-Activity Relationship of Phosmidosine. <i>Journal of Organic Chemistry</i> , 2004, 69, 314-326.	1.7	14
113	Specific enrichment of nonribosomal peptide synthetase module by an affinity probe for adenylation domains. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 865-869.	1.0	14
114	Highly Sensitive Labeling Reagents for Scarce Natural Products. <i>ACS Chemical Biology</i> , 2020, 15, 2499-2506.	1.6	14
115	Chemoproteomics profiling of surfactin-producing nonribosomal peptide synthetases in living bacterial cells. <i>Cell Chemical Biology</i> , 2022, 29, 145-156.e8.	2.5	14
116	Epoxyquinol B Shows Antiangiogenic and Antitumor Effects by Inhibiting VEGFR2, EGFR, FGFR, and PDGFR. <i>Oncology Research</i> , 2008, 17, 11-21.	0.6	14
117	In Vitro Investigation of Crosstalk between Fatty Acid and Polyketide Synthases in the Andrimid Biosynthetic Assembly Line. <i>ChemBioChem</i> , 2016, 17, 2137-2142.	1.3	13
118	Different localization of lysosomal-associated membrane protein 1 (LAMP1) in mammalian cultured cell lines. <i>Histochemistry and Cell Biology</i> , 2020, 153, 199-213.	0.8	13
119	Total Synthesis of (+)-Epoxyquinols A and B. <i>Angewandte Chemie</i> , 2002, 114, 3324-3326.	1.6	12
120	Multiple NF- κ B-binding CCAAT boxes are essential for transcriptional regulation of the human <i>C7orf24</i> gene, a novel tumor-associated gene. <i>FEBS Journal</i> , 2011, 278, 4088-4099.	2.2	12
121	Prediction and Determination of the Stereochemistry of the 1,3,5-Trimethyl-Substituted Alkyl Chain in Verucopeptin, a Microbial Metabolite. <i>Journal of Organic Chemistry</i> , 2014, 79, 6858-6867.	1.7	12
122	Total Synthesis and Structure Revision of Mirubactin, and Its Iron Binding Activity. <i>Chemistry Letters</i> , 2015, 44, 1303-1305.	0.7	12
123	Longicatenamides A-D, Two Diastereomeric Pairs of Cyclic Hexapeptides Produced by Combined-culture of <i>Streptomyces</i> sp. KUSC_F05 and <i>Tsukamurella pulmonis</i> TP-B0596. <i>Journal of Antibiotics</i> , 2021, 74, 307-316.	1.0	12
124	Amycolapeptins A and B, Cyclic Nonadepsipeptides Produced by Combined-culture of <i>Amycolatopsis</i> sp. and <i>Tsukamurella pulmonis</i> . <i>Journal of Organic Chemistry</i> , 2021, 86, 1843-1849.	1.7	12
125	ECH, an Epoxycyclohexenone Derivative That Specifically Inhibits Fas Ligand-Dependent Apoptosis in CTL-Mediated Cytotoxicity. <i>Journal of Immunology</i> , 2004, 172, 3428-3436.	0.4	10
126	Computational Study on the Reaction Mechanism of the Key Thermal [4 + 4] Cycloaddition Reaction in the Biosynthesis of Epoxytwinol A. <i>Organic Letters</i> , 2006, 8, 1041-1044.	2.4	10

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127	Discovery and Total Synthesis of Streptoaminals: Antimicrobial [5,5]-Spirohemiaminals from the Combined Culture of <i>Streptomyces nigrescens</i> and <i>Tsukamurella pulmonis</i> . <i>Angewandte Chemie</i> , 2016, 128, 10434-10438.	1.6	10
128	Theonellamide A, a marine-sponge-derived bicyclic peptide, binds to cholesterol in aqueous DMSO: Solution NMR-based analysis of peptide-sterol interactions using hydroxylated sterol. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 228-235.	1.4	10
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