

Hideaki Takeya

List of Publications by Year in descending order

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184
papers

7,448
citations

71102

41
h-index

64796

79
g-index

220
all docs

220
docs citations

220
times ranked

7521
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemoproteomics profiling of surfactin-producing nonribosomal peptide synthetases in living bacterial cells. <i>Cell Chemical Biology</i> , 2022, 29, 145-156.e8.	5.2	14
2	Developing crosslinkers specific for epimerization domain in NRPS initiation modules to evaluate mechanism. <i>RSC Chemical Biology</i> , 2022, 3, 312-319.	4.1	4
3	Development and application of highly sensitive labeling reagents for amino acids. <i>Methods in Enzymology</i> , 2022, 665, 105-133.	1.0	3
4	Separation and identification of the dl-forms of short-chain peptides using a new chiral resolution labeling reagent. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 4039-4046.	3.7	5
5	The effects of 5- <i>OP</i> - <i>RU</i> stereochemistry on its stability and MAIT- <i>MR1</i> axis. <i>ChemBioChem</i> , 2021, 22, 672-678.	2.6	6
6	Application of the highly sensitive labeling reagent to the structural confirmation of readily isomerizable peptides. <i>Journal of Natural Medicines</i> , 2021, 75, 339-343.	2.3	3
7	Inhibition of efflux pumps aids small-molecule probe-based fluorescence labeling and imaging in the Gram-negative bacterium <i>Escherichia coli</i> . <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8906-8911.	2.8	3
8	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.	2.0	12
9	Amphiol, an Antifungal Fungal Pigment from <i>Pseudogymnoascus</i> sp. PF1464. <i>Journal of Natural Products</i> , 2021, 84, 986-992.	3.0	7
10	Highly Sensitive Determination of Amino Acids by LC-MS under Neutral Conditions. <i>Chemical and Pharmaceutical Bulletin</i> , 2021, 69, 265-270.	1.3	6
11	Genomic and Targeted Approaches Unveil the Cell Membrane as a Major Target of the Antifungal Cytotoxin Amantelide A. <i>ChemBioChem</i> , 2021, 22, 1790-1799.	2.6	5
12	Retro-aza-Michael reaction of an <i>o</i> -aminophenol adduct in protic solvents inspired by natural products. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 35, 116059.	3.0	5
13	An Atypical Arginine Dihydrolase Involved in the Biosynthesis of Cyclic Hexapeptide Longicatenamides. <i>Chemistry - an Asian Journal</i> , 2021, 16, 1382-1387.	3.3	2
14	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.	4.1	18
15	Targeting hypoxia-inducible factor 1 (HIF-1) signaling with natural products toward cancer chemotherapy. <i>Journal of Antibiotics</i> , 2021, 74, 687-695.	2.0	24
16	Identification and Total Synthesis of an Unstable Anticancer Macrolide Presaccharothriolide Z Produced by <i>Saccharothrix</i> sp. A1506. <i>Organic Letters</i> , 2021, 23, 7106-7111.	4.6	6
17	Design, synthesis, and target identification of new hypoxia-inducible factor 1 (HIF-1) inhibitors containing 1-alkyl-1H-pyrazole-3-carboxamide moiety. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 46, 116375.	3.0	6
18	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.	3.2	12

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19	Toward the Creation of Induced Pluripotent Small (iPS) Molecules: Establishment of a Modular Synthetic Strategy for the Heronamide C-type Polyene Macrolactams and Their Conformational and Reactivity Analysis. <i>Journal of Organic Chemistry</i> , 2021, 86, 16231-16248.	3.2	4
20	Design, Synthesis, and Antifungal Activity of 16,17-Dihydroheronamide C and <i>ent</i> -Heronamide C. <i>Journal of Organic Chemistry</i> , 2021, 86, 16249-16258.	3.2	2
21	Curcumin β -D-Glucuronide Modulates an Autoimmune Model of Multiple Sclerosis with Altered Gut Microbiota in the Ileum and Feces. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 772962.	3.9	9
22	Different localization of lysosomal-associated membrane protein 1 (LAMP1) in mammalian cultured cell lines. <i>Histochemistry and Cell Biology</i> , 2020, 153, 199-213.	1.7	13
23	Total synthesis of thioamycolamide A via a biomimetic route. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8366-8370.	2.8	6
24	Highly Sensitive Labeling Reagents for Scarce Natural Products. <i>ACS Chemical Biology</i> , 2020, 15, 2499-2506.	3.4	14
25	Methylation deficiency disrupts biological rhythms from bacteria to humans. <i>Communications Biology</i> , 2020, 3, 211.	4.4	17
26	Serine catabolism produces ROS, sensitizes cells to actin dysfunction, and suppresses cell growth in fission yeast. <i>Journal of Antibiotics</i> , 2020, 73, 574-580.	2.0	6
27	Thioamycolamides <i>E</i> , Sulfur-Containing Cyclolipopeptides Produced by the Rare Actinomycete <i>Amycolatopsis</i> sp.. <i>Organic Letters</i> , 2020, 22, 3014-3017.	4.6	20
28	Miclixin, a Novel MIC60 Inhibitor, Induces Apoptosis via Mitochondrial Stress in β -Catenin Mutant Tumor Cells. <i>ACS Chemical Biology</i> , 2020, 15, 2195-2204.	3.4	3
29	Total Synthesis and Antimicrobial Activity of Tumescenamamide C and Its Derivatives. <i>Journal of Organic Chemistry</i> , 2020, 85, 4530-4535.	3.2	6
30	Cryptic Chemical Communication: Secondary Metabolic Responses Revealed by Microbial Co-culture. <i>Chemistry - an Asian Journal</i> , 2020, 15, 327-337.	3.3	27
31	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.	3.3	30
32	Curcumin β -D-Glucuronide exhibits anti-tumor effects on oxaliplatin-resistant colon cancer with less toxicity in vivo. <i>Cancer Science</i> , 2020, 111, 1785-1793.	3.9	21
33	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.	3.9	21
34	Precious Microorganisms as Productive Resources: Marine-Derived Microorganisms and Combined-Culture. , 2020, , 430-456.		1
35	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.	2.6	10
36	Chemical Interactions of Cryptic Actinomycete Metabolite 5-alkyl-1,2,3,4-tetrahydroquinolines through Aggregate Formation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13486-13491.	13.8	8

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37	Chemical Interactions of Cryptic Actinomycete Metabolite 5-alkyl-1,2,3,4-tetrahydroquinolines through Aggregate Formation. <i>Angewandte Chemie</i> , 2019, 131, 13620-13625.	2.0	1
38	Isolation, Structure Elucidation, and Conformational Regulation of Myropeptides, Lipopeptides from the Fungus <i>Myrothecium roridum</i> . <i>Organic Letters</i> , 2019, 21, 7524-7528.	4.6	3
39	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.	2.8	17
40	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.	2.5	19
41	Enhancement of saccharothriolide production and discovery of a new metabolite, saccharothriolide C2, by combined-culture of <i>Saccharothrix</i> sp. and <i>Tsukamurella pulmonis</i> . <i>Tetrahedron Letters</i> , 2019, 60, 1072-1074.	1.4	10
42	Effects of Highly Absorbable Curcumin in Patients with Impaired Glucose Tolerance and Non-Insulin-Dependent Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-7.	2.3	38
43	Total synthesis of verucopeptin, an inhibitor of hypoxia-inducible factor 1 (HIF-1). <i>Chemical Communications</i> , 2019, 55, 11956-11959.	4.1	6
44	Development of an anti-hepatitis B virus (HBV) agent through the structure-activity relationship of the interferon-like small compound CDM-3008. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 470-478.	3.0	9
45	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.	2.5	30
46	Activity-Based Protein Profiling of Non-ribosomal Peptide Synthetases. <i>Current Topics in Microbiology and Immunology</i> , 2018, 420, 321-349.	1.1	2
47	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.	4.6	17
48	Discovery Science. <i>Kagaku To Seibutsu</i> , 2018, 56, 210-216.	0.0	0
49	Precursor-directed in situ synthesis of Saccharothriolides G and H by the Actinomycete <i>Saccharothrix</i> sp. A1506. <i>Journal of Antibiotics</i> , 2017, 70, 718-720.	2.0	8
50	Visualizing the Adenylation Activities and Protein-Protein Interactions of Aryl Acid Adenylating Enzymes. <i>ChemBioChem</i> , 2017, 18, 2199-2204.	2.6	6
51	A Chemoproteomics Approach to Investigate Phosphopantetheine Transferase Activity at the Cellular Level. <i>ChemBioChem</i> , 2017, 18, 1855-1862.	2.6	2
52	Curcumin β -D-Glucuronide Plays an Important Role to Keep High Levels of Free-Form Curcumin in the Blood. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 1515-1524.	1.4	37
53	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.	2.3	57
54	LY6E: a conductor of malignant tumor growth through modulation of the PTEN/PI3K/Akt/HIF-1 axis. <i>Oncotarget</i> , 2016, 7, 65837-65848.	1.8	35

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55	Enantioselective Total Synthesis of RQN-18690A (18-Deoxyherboxidiene). <i>Organic Letters</i> , 2016, 18, 3382-3385.	4.6	9
56	Asymmetric Total Synthesis of Heronamides: A C: Stereochemical Confirmation and Impact of Long-Range Stereochemical Communication on the Biological Activity. <i>Chemistry - A European Journal</i> , 2016, 22, 8586-8595.	3.3	23
57	In Vitro Investigation of Crosstalk between Fatty Acid and Polyketide Synthases in the Andrimid Biosynthetic Assembly Line. <i>ChemBioChem</i> , 2016, 17, 2137-2142.	2.6	13
58	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.	2.0	10
59	Sterol-dependent membrane association of the marine sponge-derived bicyclic peptide Theonellamide A as examined by 1H NMR. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5235-5242.	3.0	6
60	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 - International Edition</i> , 2016, 55, 10278-10282.	13.8	36
61	A chemical proteomic probe for detecting native carrier protein motifs in nonribosomal peptide synthetases. <i>Chemical Communications</i> , 2016, 52, 14129-14132.	4.1	8
62	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.	3.0	16
63	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.	3.0	15
64	A Competitive Enzyme-Linked Immunosorbent Assay System for Adenylation Domains in Nonribosomal Peptide Synthetases. <i>ChemBioChem</i> , 2016, 17, 474-478.	2.6	7
65	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.	2.6	21
66	Natural products-prompted chemical biology: phenotypic screening and a new platform for target identification. <i>Natural Product Reports</i> , 2016, 33, 648-654.	10.3	49
67	RQN-18690A (18-deoxyherboxidiene) targets SF3b, a spliceosome component, and inhibits angiogenesis. <i>Journal of Antibiotics</i> , 2016, 69, 121-123.	2.0	6
68	Affinity Purification Method for the Identification of Nonribosomal Peptide Biosynthetic Enzymes Using a Synthetic Probe for Adenylation Domains. <i>Methods in Molecular Biology</i> , 2016, 1401, 63-76.	0.9	2
69	Colloidal Submicron-Particle Curcumin Exhibits High Absorption Efficiency—A Double-Blind, 3-Way Crossover Study—. <i>Journal of Nutritional Science and Vitaminology</i> , 2015, 61, 37-44.	0.6	51
70	Total Synthesis and Structure Revision of Mirubactin, and Its Iron Binding Activity. <i>Chemistry Letters</i> , 2015, 44, 1303-1305.	1.3	12
71	In Vivo Linking of Membrane Lipids and the Anion Transporter Band 3 with Thiourea-modified Amphiphilic Lipid Probes. <i>Scientific Reports</i> , 2015, 5, 17427.	3.3	4
72	A Multiple-Labeling Strategy for Nonribosomal Peptide Synthetases Using Active-Site-Directed Proteomic Probes for Adenylation Domains. <i>ChemBioChem</i> , 2015, 16, 2590-2594.	2.6	6

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73	Total Synthesis and Antimicrobial Activity of Chlorocatechelin A. <i>Journal of Organic Chemistry</i> , 2015, 80, 6076-6082.	3.2	19
74	Profiling Nonribosomal Peptide Synthetase Activities Using Chemical Proteomic Probes for Adenylation Domains. <i>ACS Chemical Biology</i> , 2015, 10, 1989-1997.	3.4	23
75	Active site-directed proteomic probes for adenylation domains in nonribosomal peptide synthetases. <i>Chemical Communications</i> , 2015, 51, 2262-2265.	4.1	30
76	UCHL1 provides diagnostic and antimetastatic strategies due to its deubiquitinating effect on HIF-1 α . <i>Nature Communications</i> , 2015, 6, 6153.	12.8	175
77	Isolation, Structure Elucidation, and Total Synthesis of Tryptopeptins A and B, New TGF- β 2 Signaling Modulators from <i>Streptomyces</i> sp.. <i>Organic Letters</i> , 2015, 17, 258-261.	4.6	8
78	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.	3.0	24
79	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.	4.6	66
80	Saccharothriolides A-C, novel phenyl-substituted 10-membered macrolides isolated from a rare actinomycete <i>Saccharothrix</i> sp.. <i>Chemical Communications</i> , 2015, 51, 8074-8077.	4.1	23
81	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.	3.4	22
82	Structure Elucidation of Verucopeptin, a HIF-1 Inhibitory Polyketide-Hexapeptide Hybrid Metabolite from an Actinomycete. <i>Organic Letters</i> , 2015, 17, 5364-5367.	4.6	20
83	Expression, purification and enzymatic characterization of a recombinant human ubiquitin-specific protease 47. <i>Journal of Biochemistry</i> , 2015, 158, mvv063.	1.7	15
84	Functional profiling of adenylation domains in nonribosomal peptide synthetases by competitive activity-based protein profiling. <i>Chemical Communications</i> , 2015, 51, 15764-15767.	4.1	19
85	Balance between Exocytosis and Endocytosis Determines the Efficacy of Sterol-Targeting Antibiotics. <i>Chemistry and Biology</i> , 2014, 21, 1690-1699.	6.0	9
86	Biosynthetic Origins of the Epoxyquinone Skeleton in Epoxyquinols A and B. <i>Journal of Natural Products</i> , 2014, 77, 2707-2710.	3.0	17
87	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.	3.0	17
88	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.	2.2	14
89	Total Synthesis of the Proposed Structure of Heronamide C. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1376-1380.	2.4	18
90	Chlorocatechelins 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.	4.6	27

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91	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.	3.2	12
92	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.	13.7	54
93	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.	2.5	31
94	RNA-Methylation-Dependent RNA Processing Controls the Speed of the Circadian Clock. <i>Cell</i> , 2013, 155, 793-806.	28.9	775
95	pH-sensitive DNA cleaving agents: in situ activation by ring contraction of benzo-fused cyclobutanols. <i>Chemical Communications</i> , 2013, 49, 2622.	4.1	9
96	Chemical tagging of a drug target using 5-sulfonyl tetrazole. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1608-1611.	2.2	17
97	Stereochemical reassignment of heronamide A, a polyketide macrolactam from <i>Streptomyces</i> sp.. <i>Tetrahedron Letters</i> , 2013, 54, 1531-1533.	1.4	24
98	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. <i>Biochemistry</i> , 2013, 52, 2410-2418.	2.5	40
99	Association of epigenetic alterations in the human C7orf24 gene with the aberrant gene expression in malignant cells. <i>Journal of Biochemistry</i> , 2013, 154, 355-362.	1.7	6
100	Drinkable Preparation of Theracurmin Exhibits High Absorption Efficiency—A Single-Dose, Double-Blind, 4-Way Crossover Study. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 1708-1714.	1.4	41
101	Visualization of Sterol-Rich Membrane Domains with Fluorescently-Labeled Theonellamides. <i>PLoS ONE</i> , 2013, 8, e83716.	2.5	27
102	A Novel Drug Delivery System of Oral Curcumin Markedly Improves Efficacy of Treatment for Heart Failure after Myocardial Infarction in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 139-144.	1.4	42
103	Tumescenamamide C, an antimicrobial cyclic lipodepsipeptide from <i>Streptomyces</i> sp.. <i>Tetrahedron</i> , 2012, 68, 5572-5578.	1.9	16
104	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.	1.6	83
105	Innovative Preparation of Curcumin for Improved Oral Bioavailability. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 660-665.	1.4	364
106	Multiple NF- κ B-binding CCAAT boxes are essential for transcriptional regulation of the human C7orf24 gene, a novel tumor-associated gene. <i>FEBS Journal</i> , 2011, 278, 4088-4099.	4.7	12
107	Marine antifungal theonellamides target β -hydroxysterol to activate Rho1 signaling. <i>Nature Chemical Biology</i> , 2010, 6, 519-526.	8.0	111
108	Inhibition of translation by cytotrienin A—a member of the ansamycin family. <i>Rna</i> , 2010, 16, 2404-2413.	3.5	19

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109	Novel Natural Products Open the Door of Chemical Biology and Medicinal Chemistry. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2010, 68, 490-500.	0.1	2
110	Identification of Cytochrome P450s Required for Fumitremorgin Biosynthesis in <i>Aspergillus fumigatus</i> . ChemBioChem, 2009, 10, 920-928.	2.6	69
111	Total synthesis and determination of the absolute configuration of FD-838, a naturally occurring azaspirobicyclic product. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3863-3865.	2.2	20
112	The Asymmetric Total Synthesis of (+)-Cytotrienin A, an Ansamycin-type Anticancer Drug. Angewandte Chemie - International Edition, 2008, 47, 6657-6660.	13.8	51
113	Synthesis and structure-activity relationship studies on tryprostatin A, an inhibitor of breast cancer resistance protein. Bioorganic and Medicinal Chemistry, 2008, 16, 4626-4651.	3.0	73
114	Fungal Metabolite, Epoxyquinol B, Crosslinks Proteins by Epoxy-thiol Conjugation. Journal of Antibiotics, 2008, 61, 94-97.	2.0	16
115	Azaspirene, a fungal product, inhibits angiogenesis by blocking Raf-1 activation. Cancer Science, 2008, 99, 1853-1858.	3.9	36
116	Epoxyquinol B, a Naturally Occurring Pentaketide Dimer, Inhibits NF- κ B Signaling by Crosslinking TAK1. Bioscience, Biotechnology and Biochemistry, 2008, 72, 1894-1900.	1.3	22
117	Epoxyquinol B Shows Antiangiogenic and Antitumor Effects by Inhibiting VEGFR2, EGFR, FGFR, and PDGFR. Oncology Research, 2008, 17, 11-21.	1.5	14
118	Computational Study on the Reaction Mechanism of the Key Thermal [4 + 4] Cycloaddition Reaction in the Biosynthesis of Epoxytwinol A. Organic Letters, 2006, 8, 1041-1044.	4.6	10
119	Fumagillin suppresses HIV-1 infection of macrophages through the inhibition of Vpr activity. FEBS Letters, 2006, 580, 2598-2602.	2.8	30
120	RK-95113, a New Angiogenesis Inhibitor Produced by <i>Aspergillus fumigatus</i> . Journal of Antibiotics, 2006, 59, 724-728.	2.0	18
121	Enantio- and Diastereoselective Total Synthesis of (+)-Panepophenanthrin, a Ubiquitin-Activating Enzyme Inhibitor, and Biological Properties of Its New Derivatives. Chemistry - an Asian Journal, 2006, 1, 845-851.	3.3	51
122	Concise Enantio- and Diastereoselective Total Syntheses of Fumagillol, RK-805, FR65814, Ovalicin, and 5-Demethylovalicin. Angewandte Chemie - International Edition, 2006, 45, 789-793.	13.8	45
123	Synthesis and Biological Properties of New Phosmidosine Analogs Having an N-Acylsulfamate Linkage. Nucleosides, Nucleotides and Nucleic Acids, 2006, 25, 647-654.	1.1	4
124	Determination by Asymmetric Total Synthesis of the Absolute Configuration of Lucilactaene, a Cell-Cycle Inhibitor in p53-Transfected Cancer Cells. Angewandte Chemie - International Edition, 2005, 44, 3110-3115.	13.8	29
125	RKTS-33, an Epoxycyclohexenone Derivative That Specifically Inhibits Fas Ligand-Dependent Apoptosis in CTL-Mediated Cytotoxicity. Bioscience, Biotechnology and Biochemistry, 2005, 69, 1923-1928.	1.3	9
126	Epolactaene binds human Hsp60 Cys442 resulting in the inhibition of chaperone activity. Biochemical Journal, 2005, 387, 835-840.	3.7	94

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127	Epoxytwinol A, a novel unique angiogenesis inhibitor with C2 symmetry, produced by a fungus. <i>Chemical Communications</i> , 2005, , 2575.	4.1	21
128	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.	3.2	24
129	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.	3.2	75
130	First Asymmetric Total Synthesis of Synerazol, an Antifungal Antibiotic, and Determination of Its Absolute Stereochemistry. <i>Journal of Organic Chemistry</i> , 2005, 70, 5643-5654.	3.2	35
131	ECH, an Epoxycyclohexenone Derivative That Specifically Inhibits Fas Ligand-Dependent Apoptosis in CTL-Mediated Cytotoxicity. <i>Journal of Immunology</i> , 2004, 172, 3428-3436.	0.8	10
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