

Hiroyuki Osada

List of Publications by Year in descending order

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375
papers

11,617
citations

22153

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51608

86
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390
all docs

390
docs citations

390
times ranked

12468
citing authors

#	ARTICLE	IF	CITATIONS
1	Î²-Methyltryptamine Provoking the Crucial Role of Strictosidine Synthase Tyr151-OH for Its Stereoselective PictetâSpengler Reactions to Tryptoline-type Alkaloids. <i>ACS Chemical Biology</i> , 2022, 17, 187-197.	3.4	3
2	Streptoocstatins A and B, fusicoccane-type diterpenoids with autophagic activity from <i>Streptomyces</i> sp. KCB17JA11. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 57, 128504.	2.2	1
3	Establishment of a Monoclonal Antibody against Human NTCP That Blocks Hepatitis B Virus Infection. <i>Journal of Virology</i> , 2022, 96, JVI0168621.	3.4	8
4	RK-270D and E, oxindole derivatives from <i>Streptomyces</i> sp. with anti-angiogenic activity. <i>Journal of Microbiology and Biotechnology</i> , 2022, 32, 1-10.	2.1	1
5	Identification of a Small Molecule That Enhances Ferroptosis via Inhibition of Ferroptosis Suppressor Protein 1 (FSP1). <i>ACS Chemical Biology</i> , 2022, 17, 483-491.	3.4	22
6	Identification of Scytalone Dehydratase Inhibitors Effective against Melanin Biosynthesis Dehydratase Inhibitor-Resistant <i>Pyricularia oryzae</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 3109-3116.	5.2	3
7	Development of Low-Molecular-Weight Compounds Targeting the Cancer-Associated KLF5 Transcription Factor. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 687-694.	2.8	3
8	Dihydrolucilactaene, a Potent Antimalarial Compound from <i>Fusarium</i> sp. RK97-94. <i>Journal of Natural Products</i> , 2022, 85, 63-69.	3.0	9
9	Recent advances in the chemo-biological characterization of decalin natural products and unraveling of the workings of DielsâAlderases. <i>Fungal Biology and Biotechnology</i> , 2022, 9, 9.	5.1	8
10	Isolation of new lucilactaene derivatives from P450 monooxygenase and aldehyde dehydrogenase knockout <i>Fusarium</i> sp. RK97-94 strains and their biological activities. <i>Journal of Antibiotics</i> , 2022, , .	2.0	2
11	Targeting fungal membrane homeostasis with imidazopyrazoindoles impairs azole resistance and biofilm formation. <i>Nature Communications</i> , 2022, 13, .	12.8	21
12	Phenylboronic Ester-Activated Aryl Iodide-Selective BuchwaldâHartwig-Type Amination toward Bioactivity Assay. <i>ACS Omega</i> , 2022, 7, 24184-24189.	3.5	1
13	Reveromycin A, a novel acid-seeking agent, ameliorates bone destruction and tumor growth in multiple myeloma.. <i>Haematologica</i> , 2021, 106, 1172-1177.	3.5	3
14	Chemical reversal of abnormalities in cells carrying mitochondrial DNA mutations. <i>Nature Chemical Biology</i> , 2021, 17, 335-343.	8.0	15
15	A pipercolic acid-rich branched cyclic depsipeptide ulleungamide C from a <i>Streptomyces</i> species induces G0/G1 cell cycle arrest in promyelocytic leukemia cells. <i>Journal of Antibiotics</i> , 2021, 74, 181-189.	2.0	5
16	Controlling the production of phytotoxin pyriculol in <i>Pyricularia oryzae</i> by aldehyde reductase. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 126-133.	1.3	4
17	Dutomycin Induces Autophagy and Apoptosis by Targeting the Serine Protease Inhibitor SERPINB6. <i>ACS Chemical Biology</i> , 2021, 16, 360-370.	3.4	5
18	Dihydropyriculol produced by <i>Pyricularia oryzae</i> inhibits the growth of <i>Streptomyces griseus</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 1290-1293.	1.3	2

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19	Identification of the kinanthraquinone biosynthetic gene cluster by expression of an atypical response regulator. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 714-721.	1.3	5
20	Does local injection of reveromycin A inhibit tooth movement without causing systemic side effects?. <i>European Journal of Orthodontics</i> , 2021, 43, 658-664.	2.4	3
21	N-Acetyl-1-hydroxy-1'-oxotryptamine, a racemic natural product isolated from <i>Streptomyces</i> sp. 80H647. <i>Journal of Antibiotics</i> , 2021, 74, 477-479.	2.0	1
22	Identification of Molecules from Coffee Silverskin That Suppresses Myostatin Activity and Improves Muscle Mass and Strength in Mice. <i>Molecules</i> , 2021, 26, 2676.	3.8	2
23	Glyoxalase I disruption and external carbonyl stress impair mitochondrial function in human induced pluripotent stem cells and derived neurons. <i>Translational Psychiatry</i> , 2021, 11, 275.	4.8	15
24	Targeting Epigenetic and Posttranscriptional Gene Regulation by PSF Impairs Hormone Therapy-Resistant Refractory Cancer Growth. <i>Cancer Research</i> , 2021, 81, 3495-3508.	0.9	11
25	The Insulin Receptor: A Potential Target of Amarogentin Isolated from <i>Gentiana rigescens</i> Franch That Induces Neurogenesis in PC12 Cells. <i>Biomedicines</i> , 2021, 9, 581.	3.2	7
26	Zealpeptaibolin, an 11-mer cytotoxic peptaibol group with 3 Aib-Pro motifs isolated from <i>Trichoderma</i> sp. RK10-F026. <i>Journal of Antibiotics</i> , 2021, 74, 485-495.	2.0	7
27	Discovery of a β 1 receptor antagonist by combination of unbiased cell painting and thermal proteome profiling. <i>Cell Chemical Biology</i> , 2021, 28, 848-854.e5.	5.2	13
28	6,9-Dihydroxytetrangulol, a novel angucyclinone antibiotic accumulated in <i>kjQO</i> gene disruptant in the biosynthesis of kinanthraquinone. <i>Journal of Antibiotics</i> , 2021, 74, 593-595.	2.0	0
29	Improving Measures of Chemical Structural Similarity Using Machine Learning on Chemical-Genetic Interactions. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 4156-4172.	5.4	11
30	Identification of a Small-Molecule Glucose Transporter Inhibitor, Glutipyran, That Inhibits Cancer Cell Growth. <i>ACS Chemical Biology</i> , 2021, 16, 1576-1586.	3.4	7
31	Proteomics-based target identification of natural products affecting cancer metabolism. <i>Journal of Antibiotics</i> , 2021, 74, 639-650.	2.0	10
32	Molecular Basis for Two Stereoselective Diels-Alderases that Produce Decalin Skeletons**. <i>Angewandte Chemie</i> , 2021, 133, 22575-22584.	2.0	0
33	Molecular Basis for Two Stereoselective Diels-Alderases that Produce Decalin Skeletons**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22401-22410.	13.8	10
34	CSE1L promotes nuclear accumulation of transcriptional coactivator TAZ and enhances invasiveness of human cancer cells. <i>Journal of Biological Chemistry</i> , 2021, 297, 100803.	3.4	7
35	Biosynthesis and biological function of secondary metabolites of the rice blast fungus <i>Pyricularia oryzae</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2021, 48, .	3.0	15
36	Innentitelbild: Molecular Basis for Two Stereoselective Diels-Alderases that Produce Decalin Skeletons (Angew. Chem. 41/2021). <i>Angewandte Chemie</i> , 2021, 133, 22258-22258.	2.0	0

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37	New Abscisic Acid Derivatives Revealed Adequate Regulation of Stomatal, Transcriptional, and Developmental Responses to Conquer Drought. <i>ACS Chemical Biology</i> , 2021, 16, 1566-1575.	3.4	5
38	Screening of tenuazonic acid production-inducing compounds and identification of NPD938 as a regulator of fungal secondary metabolism. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 2200-2208.	1.3	3
39	Alantolactone is a natural product that potently inhibits YAP1/TAZ through promotion of reactive oxygen species accumulation. <i>Cancer Science</i> , 2021, 112, 4303-4316.	3.9	17
40	Angucyclines containing β -D-glucuronic acid from <i>Streptomyces</i> sp. KCB15JA151. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 48, 128237.	2.2	1
41	Local administration of ReveromycinA ointment suppressed alveolar bone loss in mice. <i>Journal of Pharmacological Sciences</i> , 2021, 147, 40-47.	2.5	1
42	Controlled lipid β -oxidation and carnitine biosynthesis by a vitamin D metabolite. <i>Cell Chemical Biology</i> , 2021, , .	5.2	7
43	A new peptaibol, RK-026A, from the soil fungus <i>Trichoderma</i> sp. RK10-F026 by culture condition-dependent screening. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 69-76.	1.3	11
44	Privileged Biorenewable Secologanin-Based Diversity-Oriented Synthesis for Pseudo-Natural Alkaloids: Uncovering Novel Neuroprotective and Antimalarial Frameworks. <i>ChemSusChem</i> , 2021, 14, 5320-5327.	6.8	3
45	Cesium tolerance is enhanced by a chemical which binds to BETA-GLUCOSIDASE 23 in <i>Arabidopsis thaliana</i> . <i>Scientific Reports</i> , 2021, 11, 21109.	3.3	5
46	Pharmacological inhibition of Mint3 attenuates tumour growth, metastasis, and endotoxic shock. <i>Communications Biology</i> , 2021, 4, 1165.	4.4	4
47	Discovery of 3-Cinnamamido-N-Substituted Benzamides as Potential Antimalarial Agents. <i>Medicinal Chemistry</i> , 2021, 17, 1207-1218.	1.5	0
48	Identification of Dihydroorotate Dehydrogenase Inhibitors That Inhibit Cancer Cell Growth. <i>ACS Chemical Biology</i> , 2021, 16, 2570-2580.	3.4	3
49	2-Methylthio-N7-methyl-cis-zeatin, a new antimalarial natural product isolated from a <i>Streptomyces</i> culture. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, , .	1.3	1
50	Tenuazonic acid production is dispensable for virulence, but its biosynthetic gene expression pattern is associated with the infection of <i>Pyricularia oryzae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, , .	1.3	0
51	Introduction and Commentaries for the Special Issue: "Arnold L. Demain - a Life Lived". <i>Journal of Industrial Microbiology and Biotechnology</i> , 2021, , .	3.0	1
52	Mitochondrial complex I inhibitors suppress tumor growth through concomitant acidification of the intra- and extracellular environment. <i>Science</i> , 2021, 24, 103497.	4.1	17
53	Small Molecule Biomediator Which Enhances the Production of Secondary Metabolites in <i>Streptomyces</i> ; β -Carbonoline (BR-1) Enhances the Production of Reveromycin. <i>Kagaku To Seibutsu</i> , 2021, 59, 176-181.	0.0	0
54	Oxicam-type non-steroidal anti-inflammatory drugs inhibit NPR1-mediated salicylic acid pathway. <i>Nature Communications</i> , 2021, 12, 7303.	12.8	16

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55	Identification of a Small Compound Targeting PKM2-Regulated Signaling Using 2D Gel Electrophoresis-Based Proteome-wide CETSA. <i>Cell Chemical Biology</i> , 2020, 27, 186-196.e4.	5.2	33
56	Highly oxygenated angucycline from <i>Streptomyces</i> sp. KCB15JA014. <i>Journal of Antibiotics</i> , 2020, 73, 859-862.	2.0	1
57	A novel GSK3 inhibitor that promotes self-renewal in mouse embryonic stem cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 2113-2120.	1.3	5
58	Heterologous Expression of the Biosynthetic Gene Cluster for Verticilactam and Identification of Analogues. <i>Journal of Natural Products</i> , 2020, 83, 3598-3605.	3.0	13
59	Uncovering hidden sesquiterpene biosynthetic pathway through expression boost area-mediated productivity enhancement in basidiomycete. <i>Journal of Antibiotics</i> , 2020, 73, 721-728.	2.0	5
60	Interaction between goniotalamin and peroxisomal multifunctional enzyme type 2 triggering endoplasmic reticulum stress. <i>Heliyon</i> , 2020, 6, e05200.	3.2	1
61	Discovery of small-molecule modulator of heterotrimeric Gi-protein by integrated phenotypic profiling and chemical proteomics. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 2484-2490.	1.3	1
62	Identification of a Selective RelA Inhibitor Based on DSE-FRET Screening Methods. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9150.	4.1	3
63	Inhibition of mitochondrial complex I by the novel compound FSL0260 enhances high salinity-stress tolerance in <i>Arabidopsis thaliana</i> . <i>Scientific Reports</i> , 2020, 10, 8691.	3.3	11
64	Induction of secondary metabolite production by hygromycin B and identification of the 1233A biosynthetic gene cluster with a self-resistance gene. <i>Journal of Antibiotics</i> , 2020, 73, 475-479.	2.0	7
65	$\hat{\text{I}}^2$ -carboline chemical signals induce reveromycin production through a LuxR family regulator in <i>Streptomyces</i> sp. SN-593. <i>Scientific Reports</i> , 2020, 10, 10230.	3.3	14
66	Miclxin, a Novel MIC60 Inhibitor, Induces Apoptosis via Mitochondrial Stress in $\hat{\text{I}}^2$ -Catenin Mutant Tumor Cells. <i>ACS Chemical Biology</i> , 2020, 15, 2195-2204.	3.4	3
67	Unique features of the ketosynthase domain in a nonribosomal peptide synthetase/polyketide synthase hybrid enzyme, tenuazonic acid synthetase 1. <i>Journal of Biological Chemistry</i> , 2020, 295, 11602-11612.	3.4	17
68	Biosynthetic gene cluster identification and biological activity of lucilactaene from <i>Fusarium</i> sp. RK97-94. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 1303-1307.	1.3	13
69	Productivity and bioactivity of enokipodins A-D of <i>Flammulina rossica</i> and <i>Flammulina velutipes</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 876-886.	1.3	9
70	Cytotoxic Activities and Molecular Mechanisms of the Beauvericin and Beauvericin G1 Microbial Products against Melanoma Cells. <i>Molecules</i> , 2020, 25, 1974.	3.8	6
71	Alteration of tooth movement by reveromycin A in osteoprotegerin-deficient mice. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2020, 157, 680-689.	1.7	5
72	Anti-allergy effect of mojabanchromanol isolated from <i>Sargassum horneri</i> in bone marrow-derived cultured mast cells. <i>Algal Research</i> , 2020, 48, 101898.	4.6	28

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73	Peanut skin extract ameliorates the symptoms of type 2 diabetes mellitus in mice by alleviating inflammation and maintaining gut microbiota homeostasis. <i>Aging</i> , 2020, 12, 13991-14018.	3.1	22
74	Identification of Target Protein for Bio-active Small Molecule Using Photo-cross Linked Beads and MALDI-TOF Mass Spectrometry. <i>Bio-protocol</i> , 2020, 10, e3517.	0.4	7
75	Antiangiogenic potentials of ahpatinins obtained from a <i>Streptomyces</i> species. <i>Oncology Reports</i> , 2020, 43, 625-634.	2.6	0
76	Measurement of ATPase Activity of Valosin-containing Protein/p97. <i>Bio-protocol</i> , 2020, 10, e3516.	0.4	0
77	CRM646-A, a Fungal Metabolite, Induces Nucleus Condensation by Increasing Ca ²⁺ Levels in Rat 3Y1 Fibroblast Cells. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 31-37.	2.1	1
78	Fraction Libraries and Genetics as Tools for Natural Product Research: Focus on Decalin-Containing Compounds. , 2020, , 375-409.		0
79	Osteoclast Inhibitors for Bone Fracture Healing in Mice with High-Turnover Osteoporosis. <i>Journal of Hard Tissue Biology</i> , 2020, 29, 255-262.	0.4	1
80	Bioenergetic and proteomic profiling to screen small molecule inhibitors that target cancer metabolisms. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 28-37.	2.3	18
81	Nocardamin glucuronide, a new member of the ferrioxamine siderophores isolated from the ascarycin-producing strain <i>Streptomyces</i> sp. 80H647. <i>Journal of Antibiotics</i> , 2019, 72, 991-995.	2.0	17
82	Mechanism of Action of Prethioviridamide, an Anticancer Ribosomally Synthesized and Post-Translationally Modified Peptide with a Polythioamide Structure. <i>ACS Chemical Biology</i> , 2019, 14, 1819-1828.	3.4	22
83	Stereocomplementary Chemoenzymatic Pictet-Spengler Reactions for Formation of Rare Azepino-indole Frameworks: Discovery of Antimalarial Compounds. <i>ACS Catalysis</i> , 2019, 9, 7443-7448.	11.2	31
84	Cucurbitacin B induces neurogenesis in PC12 cells and protects memory in APP/PS1 mice. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 6283-6294.	3.6	22
85	Comparison of microplate- and bottle-based methods to age yeast for chronological life span assays. <i>Journal of Microbiological Methods</i> , 2019, 167, 105743.	1.6	4
86	YO-001A, a new antifungal agent produced by <i>Streptomyces</i> sp. YO15-A001. <i>Journal of Antibiotics</i> , 2019, 72, 986-990.	2.0	4
87	Structure and biological activity of Metarhizin C, a stereoisomer of BR-050 from <i>Tolypocladium album</i> RK17-F0007. <i>Journal of Antibiotics</i> , 2019, 72, 996-1000.	2.0	8
88	Abscisic Acid Derivatives with Different Alkyl Chain Lengths Activate Distinct Abscisic Acid Receptor Subfamilies. <i>ACS Chemical Biology</i> , 2019, 14, 1964-1971.	3.4	13
89	Discovery and applications of nucleoside antibiotics beyond polyoxin. <i>Journal of Antibiotics</i> , 2019, 72, 855-864.	2.0	26
90	Identification of a chemical modulator of EZH2-mediated silencing by cell-based high-throughput screening assay. <i>Journal of Biochemistry</i> , 2019, 166, 41-50.	1.7	10

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91	Structure Characterization and Action Mechanism of an Antiaging New Compound from <i>Gastrodia elata</i> Blume. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	4.0	14
92	2-Sulfonylpyrimidines Target the Kinesin HSET via Cysteine Alkylation. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5486-5496.	2.4	6
93	Microbial Fraction Library: A Screening Source for Drug Discovery. , 2019, , 1-20.		0
94	Î²-carboline biomediators induce reveromycin production in <i>Streptomyces</i> sp. SN-593. <i>Scientific Reports</i> , 2019, 9, 5802.	3.3	6
95	Development of Mirror-Image Screening Systems for XIAP BIR3 Domain Inhibitors. <i>Bioconjugate Chemistry</i> , 2019, 30, 1395-1404.	3.6	10
96	A novel inhibitor of tumorspheres reveals the activation of the serine biosynthetic pathway upon mitochondrial inhibition. <i>FEBS Letters</i> , 2019, 593, 763-776.	2.8	5
97	Mechanism of the natural product moracin-O derived MO-460 and its targeting protein hnRNP2B1 on HIF-1Î± inhibition. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-14.	7.7	22
98	3Î²,23,28-Trihydroxy-12-oleanene 3Î²-Caffeate from <i>Desmodium sambuense</i> -Induced Neurogenesis in PC12 Cells Mediated by ER Stress and BDNF-Î±/TrkB Signaling Pathways. <i>Molecular Pharmaceutics</i> , 2019, 16, 1423-1432.	4.6	13
99	An integrated screening system for the selection of exemplary substrates for natural and engineered cytochrome P450s. <i>Scientific Reports</i> , 2019, 9, 18023.	3.3	2
100	Synthesis of All Stereoisomers of RK460 and Evaluation of Their Activity and Selectivity as Abscisic Acid Receptor Antagonists. <i>Chemistry - A European Journal</i> , 2019, 25, 3496-3500.	3.3	4
101	Induction of Nectriapyrone Biosynthesis in the Rice Blast Fungus <i>Pyricularia oryzae</i> by Disturbance of the Two-Component Signal Transduction System. <i>ChemBioChem</i> , 2019, 20, 693-700.	2.6	7
102	A small-molecule ligand of valosin-containing protein/p97 inhibits cancer cell-accelerated fibroblast migration. <i>Journal of Biological Chemistry</i> , 2019, 294, 2988-2996.	3.4	13
103	Using BEAN-counter to quantify genetic interactions from multiplexed barcode sequencing experiments. <i>Nature Protocols</i> , 2019, 14, 415-440.	12.0	16
104	Construction of a potato fraction library for the investigation of functional secondary metabolites. <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 65-75.	1.3	3
105	Proteomic Profiling for Target Identification of Biologically Active Small Molecules Using 2D DIGE. <i>Methods in Molecular Biology</i> , 2019, 1888, 127-139.	0.9	9
106	Technologies to Elucidate Functions of Glycans. , 2019, , 87-124.		0
107	Catalytic Enantioselective Synthesis of a Pyrrolizidine-Alkaloid-Inspired Compound Collection with Antiplasmodial Activity. <i>Journal of Organic Chemistry</i> , 2018, 83, 7033-7041.	3.2	7
108	Pentaminomycins A and B, Hydroxyarginine-Containing Cyclic Pentapeptides from <i>Streptomyces</i> sp. RK88-1441. <i>Journal of Natural Products</i> , 2018, 81, 806-810.	3.0	21

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109	Discovery of the novel autophagy inhibitor aumitin that targets mitochondrial complex I. <i>Chemical Science</i> , 2018, 9, 3014-3022.	7.4	34
110	Kinanthraquinone, a new anthraquinone carboxamide isolated from <i>Streptomyces reveromyceticus</i> SN-593-44. <i>Journal of Antibiotics</i> , 2018, 71, 480-482.	2.0	5
111	Identification of a small molecule ligand of β -arrestin1 as an inhibitor of stromal fibroblast cell migration accelerated by cancer cells. <i>Cancer Medicine</i> , 2018, 7, 883-893.	2.8	9
112	Biosynthesis and Structure-Activity Relationship Studies of Okaramines That Target Insect Glutamate-Gated Chloride Channels. <i>ACS Chemical Biology</i> , 2018, 13, 561-566.	3.4	29
113	Chemical array system, a platform to identify novel hepatitis B virus entry inhibitors targeting sodium taurocholate cotransporting polypeptide. <i>Scientific Reports</i> , 2018, 8, 2769.	3.3	17
114	Brassinosteroids regulate vacuolar morphology in root meristem cells of <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2018, 13, e1417722.	2.4	7
115	MOSAIC: a chemical-genetic interaction data repository and web resource for exploring chemical modes of action. <i>Bioinformatics</i> , 2018, 34, 1251-1252.	4.1	14
116	Identification of an Asexual Reproduction Inducer of Phytopathogenic and Toxigenic <i>Fusarium</i> . <i>Angewandte Chemie</i> , 2018, 130, 8232-8236.	2.0	1
117	Identification of an Asexual Reproduction Inducer of Phytopathogenic and Toxigenic <i>Fusarium</i> . <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8100-8104.	13.8	7
118	Identification and Characterization of Small Molecule Compounds That Modulate Trichothecene Production by <i>Fusarium graminearum</i> . <i>ACS Chemical Biology</i> , 2018, 13, 1260-1269.	3.4	5
119	Wakodecalines A and B, new decaline metabolites isolated from a fungus <i>Pyrenochaetopsis</i> sp. RK10-F058. <i>Journal of Antibiotics</i> , 2018, 71, 123-128.	2.0	17
120	Identification of cytotoxic, glutathione-reactive moieties inducing accumulation of reactive oxygen species via glutathione depletion. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 1453-1461.	3.0	7
121	Catenulisporolides, Glycosylated Triene Macrolides from the Chemically Underexploited Actinomycete <i>Catenulispora</i> Species. <i>Organic Letters</i> , 2018, 20, 7234-7238.	4.6	10
122	Predicting bioprocess targets of chemical compounds through integration of chemical-genetic and genetic interactions. <i>PLoS Computational Biology</i> , 2018, 14, e1006532.	3.2	13
123	Structures and Synthesis of Hitoyopodins: Bioactive Aromatic Sesquiterpenoids Produced by the Mushroom <i>Coprinopsis cinerea</i> . <i>Organic Letters</i> , 2018, 20, 6294-6297.	4.6	12
124	Aturanosides A and B, Glycosylated Anthraquinones with Antiangiogenic Activity from a Soil-Derived <i>Streptomyces</i> Species. <i>Journal of Natural Products</i> , 2018, 81, 2004-2009.	3.0	7
125	Control of the Stereochemical Course of [4+2] Cycloaddition during <i>trans</i> -Decalin Formation by Fsa Family Enzymes. <i>Angewandte Chemie</i> , 2018, 130, 9902-9906.	2.0	11
126	Control of the Stereochemical Course of [4+2] Cycloaddition during <i>trans</i> -Decalin Formation by Fsa Family Enzymes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9754-9758.	13.8	49

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127	FPX is a Novel Chemical Inducer that Promotes Callus Formation and Shoot Regeneration in Plants. <i>Plant and Cell Physiology</i> , 2018, 59, 1555-1567.	3.1	26
128	Antiangiogenic Potential of Microbial Metabolite Elaiophylin for Targeting Tumor Angiogenesis. <i>Molecules</i> , 2018, 23, 563.	3.8	24
129	Anti-Angiogenesis Effects Induced by Octaminomycins A and B against HUVECs. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 1332-1338.	2.1	3
130	RK-144171, a new benadrostin derivative produced by <i>Streptomyces</i> sp. RK88-1441. <i>Journal of Antibiotics</i> , 2017, 70, 102-104.	2.0	2
131	Trachyspic acid 19-butyl ester, a new inhibitor of Plk1 polo box domain-dependent recognition from uncharacterized fungus RKGS-F2684. <i>Journal of Antibiotics</i> , 2017, 70, 705-707.	2.0	7
132	Characterization of Giant Modular PKSs Provides Insight into Genetic Mechanism for Structural Diversification of Aminopolyol Polyketides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1740-1745.	13.8	103
133	Characterization of Giant Modular PKSs Provides Insight into Genetic Mechanism for Structural Diversification of Aminopolyol Polyketides. <i>Angewandte Chemie</i> , 2017, 129, 1766-1771.	2.0	3
134	Structure-Activity Relationships of Terpendole E and Its Natural Derivatives. <i>ChemistrySelect</i> , 2017, 2, 1533-1536.	1.5	3
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