

Satoshi Takamatsu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/296883/publications.pdf>

Version: 2024-02-01

64
papers

2,652
citations

186209

28
h-index

189801

50
g-index

70
all docs

70
docs citations

70
times ranked

3104
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of intraoral antioxidative capacity in orengedokuto. <i>Traditional & Kampo Medicine</i> , 2020, 7, 30-37.	0.2	0
2	Naturally occurring cell adhesion inhibitors. <i>Journal of Natural Medicines</i> , 2018, 72, 817-835.	1.1	13
3	Metabolome Analysis of <i>Oryza sativa</i> (Rice) Using Liquid Chromatography-Mass Spectrometry for Characterizing Organ Specificity of Flavonoids with Anti-inflammatory and Anti-oxidant Activity. <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 952-956.	0.6	19
4	Toward better annotation in plant metabolomics: isolation and structure elucidation of 36 specialized metabolites from <i>Oryza sativa</i> (rice) by using MS/MS and NMR analyses. <i>Metabolomics</i> , 2014, 10, 543-555.	1.4	76
5	Effects of the herbal medicine composition "Saiko-ka-ryukotsu-borei-To" on the function of endothelial progenitor cells in hypertensive rats. <i>Phytomedicine</i> , 2013, 20, 196-201.	2.3	7
6	Autoimmunity as the Consequence of a Spontaneous Mutation in Rasgrp1. <i>Immunity</i> , 2012, 36, 886.	6.6	0
7	Pentalenic acid is a shunt metabolite in the biosynthesis of the pentalenolactone family of metabolites: hydroxylation of 1-deoxypentalenic acid mediated by CYP105D7 (SAV_7469) of <i>Streptomyces avermitilis</i> . <i>Journal of Antibiotics</i> , 2011, 64, 65-71.	1.0	38
8	Characterization of a silent sesquiterpenoid biosynthetic pathway in <i>Streptomyces avermitilis</i> controlling ϵ -isozizaene albaflavenone biosynthesis and isolation of a new oxidized ϵ -isozizaene metabolite. <i>Microbial Biotechnology</i> , 2011, 4, 184-191.	2.0	64
9	Total synthesis and absolute configuration of avenolide, extracellular factor in <i>Streptomyces avermitilis</i> . <i>Journal of Antibiotics</i> , 2011, 64, 781-787.	1.0	24
10	Inhibitory Effects of Constituents from <i>Morus alba</i> var. <i>multicaulis</i> on Differentiation of 3T3-L1 Cells and Nitric Oxide Production in RAW264.7 Cells. <i>Molecules</i> , 2011, 16, 6010-6022.	1.7	80
11	Avenolide, a <i>Streptomyces</i> hormone controlling antibiotic production in <i>Streptomyces avermitilis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16410-16415.	3.3	159
12	Regio- and Stereospecificity of Filipin Hydroxylation Sites Revealed by Crystal Structures of Cytochrome P450 105P1 and 105D6 from <i>Streptomyces avermitilis</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 16844-16853.	1.6	56
13	Nocardamin Production by <i>Streptomyces avermitilis</i> . <i>Nihon Hosenkin Gakkai Shi = Actinomycetologica</i> , 2009, 23, 34-39.	0.3	19
14	Amperometric screen-printed algal biosensor with flow injection analysis system for detection of environmental toxic compounds. <i>Electrochimica Acta</i> , 2009, 54, 4933-4936.	2.6	89
15	Genome Mining in <i>Streptomyces avermitilis</i> : A Biochemical Baeyer-Villiger Reaction and Discovery of a New Branch of the Pentalenolactone Family Tree. <i>Biochemistry</i> , 2009, 48, 6431-6440.	1.2	60
16	COX-2 Inhibitory Activity of Cafestol and Analogs from Coffee Beans. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800300.	0.2	2
17	Constituents of <i>Zanthoxylum Flavum</i> and their Antioxidant and Antimalarial Activities. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800300.	0.2	6
18	Screen-printed Algal Biosensor with Flow Injection Analysis System for Toxicity Test. <i>ECS Transactions</i> , 2008, 16, 21-25.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Screening for Free Radical Scavenging and Cell Aggregation Inhibitory Activities by Secondary Metabolites from Turkish Verbascum species. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2007, 62, 673-678.	0.6	10
20	A Gene Cluster for Biosynthesis of the Sesquiterpenoid Antibiotic Pentalenolactone in Streptomyces avermitilis. Biochemistry, 2006, 45, 6179-6186.	1.2	113
21	Schisandrene, a Dibenzocyclooctadiene Lignan from Schisandrachinensis: Structure-Antioxidant Activity Relationships of Dibenzocyclooctadiene Lignans. Journal of Natural Products, 2006, 69, 356-359.	1.5	161
22	Isolation of Lignans and Biological Activity Studies of Ephedra viridis. Planta Medica, 2005, 71, 789-791.	0.7	22
23	Secondary Metabolites from Marine Cyanobacteria and Algae Inhibit LFA-1/ICAM-1 Mediated Cell Adhesion. Planta Medica, 2004, 70, 127-131.	0.7	33
24	Antioxidant lignans from Larrea tridentata. Phytochemistry, 2004, 65, 2499-2505.	1.4	63
25	A New Antimalarial Quassinoid from Simaba orinocensis. Journal of Natural Products, 2004, 67, 772-777.	1.5	50
26	Antiparasitic Alkaloids from Psychotria klugii. Journal of Natural Products, 2003, 66, 962-967.	1.5	67
27	Cytotoxic and antioxidant activities of alkylated benzoquinones from Maesa lanceolata. Phytotherapy Research, 2003, 17, 887-891.	2.8	20
28	Cytotoxic sesquiterpene lactones from Centaurothamnus maximus and Vicoa pentanema. Phytotherapy Research, 2003, 17, 168-173.	2.8	31
29	Antioxidant effect of flavonoids on DCF production in HL-60 cells. Phytotherapy Research, 2003, 17, 963-966.	2.8	52
30	Marine Natural Products as Novel Antioxidant Prototypes. Journal of Natural Products, 2003, 66, 605-608.	1.5	228
31	New Cell-cell Adhesion Inhibitors from Streptomyces sp. UMA-044. Journal of Antibiotics, 2003, 56, 673-681.	1.0	33
32	Characterization of Mycotypha Metabolites Found to be Inhibitors of Cell Adhesion Molecules. Journal of Antibiotics, 2002, 55, 585-592.	1.0	12
33	Biologically Active Secondary Metabolites from Ginkgo biloba. Journal of Agricultural and Food Chemistry, 2002, 50, 3150-3155.	2.4	74
34	Antimalarial, Cytotoxic, and Antifungal Alkaloids from Duguetia hadrantha. Journal of Natural Products, 2001, 64, 559-562.	1.5	66
35	A New Dehydrogeranylgeraniol Antioxidant from Saururus cernuus that Inhibits Intracellular Reactive Oxygen Species (ROS)-Catalyzed Oxidation within HL-60 Cells. Journal of Natural Products, 2001, 64, 693-695.	1.5	22
36	Madindolines, Novel Inhibitors of IL-6 Activity from Streptomyces sp. K93-0711. II. Physico-chemical Properties and Structural Elucidation. Journal of Antibiotics, 1997, 50, 1069-1072.	1.0	42

#	ARTICLE	IF	CITATIONS
37	Pyridindolols K1 and K2, New Alkaloids from Streptomyces sp. K93-0711.. Journal of Antibiotics, 1997, 50, 189-193.	1.0	7
38	Efficient Chemical Conversion of Louisianin A to C and D, The Inhibitor of Angiogenesis.. Journal of Antibiotics, 1997, 50, 274-275.	1.0	13
39	Amphistin, a New Melanogenesis Inhibitor, Produced by an Actinomycete.. Journal of Antibiotics, 1997, 50, 808-814.	1.0	13
40	Macrosphelides C and D, Novel Inhibitors of Cell Adhesion.. Journal of Antibiotics, 1997, 50, 878-880.	1.0	44
41	Relative and Absolute Stereochemistries and Total Synthesis of (+)-Macrosphelides A and B, Potent, Orally Bioavailable Inhibitors of Cell-Cell Adhesion. Journal of the American Chemical Society, 1997, 119, 10247-10248.	6.6	82
42	Madindoline, a Novel Inhibitor of IL-6 Activity from Streptomyces sp. K93-0711. I. Taxonomy, Fermentation, Isolation and Biological Activities.. Journal of Antibiotics, 1996, 49, 1091-1095.	1.0	70
43	A New Inhibitor of Melanogenesis, Albocycline K3, Produced by Streptomyces sp. OH-3984.. Journal of Antibiotics, 1996, 49, 485-486.	1.0	6
44	Chlovalicin, a New Cytocidal Antibiotic Produced by Sporothrix sp. FO-4649. I Taxonomy, Fermentation, Isolation and Biological Activities.. Journal of Antibiotics, 1996, 49, 631-634.	1.0	15
45	Chlovalicin, a New Cytocidal Antibiotic Produced by Sporothrix sp. FO-4649. II. Physicochemical Properties and Structural Elucidation.. Journal of Antibiotics, 1996, 49, 635-638.	1.0	18
46	Macrosphelide, a Novel Inhibitor of Cell-cell Adhesion Molecule. II. Physicochemical Properties and Structural Elucidation.. Journal of Antibiotics, 1996, 49, 95-98.	1.0	71
47	Research of macrosphelide, a novel inhibitor of cell-cell adhesion molecule, from microbial organisms in soil. Folia Pharmacologica Japonica, 1995, 106, 143-146.	0.1	0
48	Louisianins A, B, C and D: Non-steroidal Growth Inhibitors of Testosterone-responsive SC 115 Cells. I. Taxonomy, Fermentation, Isolation and Biological Characteristics.. Journal of Antibiotics, 1995, 48, 1086-1089.	1.0	17
49	Louisianins A, B, C and D: Non-steroidal Growth Inhibitors of Testosterone-responsive SC 115 Cells. II. Physico-chemical Properties and Structural Elucidation.. Journal of Antibiotics, 1995, 48, 1090-1094.	1.0	15
50	Macrosphelide, a Novel Inhibitor of Cell-cell Adhesion Molecule. I. Taxonomy, Fermentation, Isolation and Biological Activities.. Journal of Antibiotics, 1995, 48, 1435-1439.	1.0	100
51	Relative and absolute stereochemistry of the melanogenesis inhibitors OH-3984 K1 and K2. Partial synthesis from albocycline. Tetrahedron Letters, 1994, 35, 2635-2636.	0.7	10
52	A glycosidic lupin alkaloid from Lupinus hirsutus. Phytochemistry, 1994, 37, 591-592.	1.4	10
53	A Novel Testosterone 5.ALPHA.-Reductase Inhibitor, 8',9'-Dehydroascochlorin Produced by Verticillium sp. FO-2787.. Chemical and Pharmaceutical Bulletin, 1994, 42, 953-956.	0.6	31
54	New inhibitors of melanogenesis, OH-3984 K1 and K2. II. Physico-chemical properties and structural elucidation.. Journal of Antibiotics, 1993, 46, 1526-1529.	1.0	8

#	ARTICLE	IF	CITATIONS
55	New inhibitors of melanogenesis, OH-3984 K1 and K2. I. Taxonomy, fermentation, isolation and biological characteristics.. Journal of Antibiotics, 1993, 46, 1520-1525.	1.0	26
56	Acyltransferases for lupin alkaloids in <i>Lupinus hirsutus</i> . Phytochemistry, 1992, 32, 87-91.	1.4	27
57	New Lupine Alkaloids from the Seedlings of <i>Lupinus hirsutus</i> and Change of Alkaloid Pattern with Germination. Journal of Natural Products, 1991, 54, 477-482.	1.5	17
58	Lupin alkaloids from <i>Sophora exigua</i> . Phytochemistry, 1991, 30, 3793-3795.	1.4	22
59	Glycosidic alkaloids from <i>Lupinus hirsutus</i> . Phytochemistry, 1990, 29, 3923-3926.	1.4	17
60	Absolute configuration of (+)-5,6-dehydrolupanine, a key intermediate in biosynthesis of lupin alkaloids. Phytochemistry, 1989, 28, 958-959.	1.4	26
61	Greening induced production of (+)-lupanine in tissue culture of <i>Thermopsis lupinoides</i> . Phytochemistry, 1989, 28, 2341-2344.	1.4	26
62	Isolation of a New Alkaloid (-)-O-Acetylbaptifoline and the Absolute Stereochemical Relationships of Lupine Alkaloids in <i>Thermopsis chinensis</i> . Journal of Natural Products, 1989, 52, 1032-1035.	1.5	18
63	Lupin alkaloids in tissue culture of <i>Sophora flavescens</i> var. <i>angustifolia</i> : Greening induced production of matrine.. Chemical and Pharmaceutical Bulletin, 1989, 37, 3001-3004.	0.6	26
64	Lupin alkaloids from the seeds of <i>Thermopsis lupinoides</i> . Phytochemistry, 1988, 27, 3715-3716.	1.4	26