Hidenori Watanabe

List of Publications by Year
in descending order

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Version: 2024-02-01

47	739	430874	552781
papers	citations	18 h-index	26 g-index

57	57	57	925
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of an Olfactory Signal Molecule that Activates the Central Regulator of Reproduction in Goats. Current Biology, 2014, 24, 681-686.	3.9	65
2	Identification of a pheromone that increases anxiety in rats. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18751-18756.	7.1	59
3	Synthesis of (â˜)-mellein, (+)-ramulosin, and related natural products. Tetrahedron, 2007, 63, 1074-1079.	1.9	53
4	Synthetic study on azadirachtin (part 2). Construction of the decalin moiety with full functionality on B-ring. Tetrahedron Letters, 1997, 38, 4429-4432.	1.4	38
5	Involvement of 14-3-3 Proteins in the Second Epidermal Growth Factor-induced Wave of Rac1 Activation in the Process of Cell Migration. Journal of Biological Chemistry, 2011, 286, 39259-39268.	3.4	36
6	Synthetic Study Towards Azadirachtin: An Efficient and Stereoselective Construction of the AB Rings with Full Functionality. Angewandte Chemie - International Edition, 2007, 46, 1512-1516.	13.8	32
7	Structure of Tyroscherin, an Antitumor Antibiotic against IGF-1-dependent Cells from Pseudallescheria sp.. Journal of Antibiotics, 2004, 57, 634-638.	2.0	30
8	Chemistry and Biology of Moverastins, Inhibitors of Cancer Cell Migration, Produced by Aspergillus. Chemistry and Biology, 2005, 12, 1337-1347.	6.0	26
9	Synthesis of an insecticidal tetrahydroisocoumarin, (3R,4S,4aR)-4,8-dihydroxy-3-methyl-3,4,4a,5-tetrahydro-1H-2-benzopyran-1-one. Tetrahedron, 2007, 63, 1281-1287.	1.9	26
10	Stereoselective synthesis of microcarpalide. Tetrahedron, 2005, 61, 7546-7553.	1.9	24
11	Stereoselective Total Synthsis of (Â±)â€Urechitolâ€...A. Angewandte Chemie - International Edition, 2010, 49, 5527-5528.	13.8	24
12	Synthesis and anti-migrative evaluation of moverastin derivatives. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1385-1389.	2.2	24
13	Stereoselective synthesis of Sch 642305, an inhibitor of bacterial DNA primase. Tetrahedron, 2006, 62, 2224-2230.	1.9	21
14	Synthesis and structure revision of tyroscherin, and bioactivities of its stereoisomers against IGF-1-dependent tumor cells. Tetrahedron, 2009, 65, 3629-3638.	1.9	21
15	Synthesis and structure revision of tyroscherin, a growth inhibitor of IGF-1-dependent tumor cells. Tetrahedron Letters, 2008, 49, 7042-7045.	1.4	20
16	Novel asymmetric oxy-michael addition reaction of the chiral ketones to the achiral ?- or ?-hydroxy-?,?-unsaturated carbonyl compounds. Chirality, 2001, 13, 379-385.	2.6	19
17	Asymmetric Formal Synthesis of Azadirachtin. Angewandte Chemie - International Edition, 2015, 54, 14920-14923.	13.8	19
18	Electochemical asymmetric dimerization of cinnamic acid derivatives and application to the enantioselective syntheses of furofuran lignans. Tetrahedron, 2016, 72, 8393-8399.	1.9	19

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19	14-3-3Îµa directs the pulsatile transport of basal factors toward the apical domain for lumen growth in tubulogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8873-E8881.	7.1	17
20	A suicide enzyme catalyzes multiple reactions for biotin biosynthesis in cyanobacteria. Nature Chemical Biology, 2020, 16, 415-422.	8.0	15
21	Determination of the absolute configuration of nodulisporacid A by the concise synthesis of four stereoisomers via three-component reaction and one-pot construction of the framework. Tetrahedron Letters, 2010, 51, 2765-2767.	1.4	13
22	Synthesis of (â˜)-Chamobtusin A from (+)-Dehydroabietylamine. Journal of Organic Chemistry, 2016, 81, 11866-11870.	3.2	13
23	Synthesis of the Proposed Structure of Fudecalone, an Anticoccidial Drimane Terpenoid. Organic Letters, 1999, 1, 1079-1080.	4.6	9
24	Total synthesis of (Â±)-lysidicin A. Tetrahedron, 2012, 68, 1723-1728.	1.9	9
25	Enantioselective Total Synthesis of (+)-Anthecularin. Organic Letters, 2018, 20, 3888-3891.	4.6	9
26	Synthesis and revision of the relative configuration of fudecalone. Tetrahedron Letters, 2001, 42, 917-919.	1.4	8
27	First total synthesis of glabramycin B and revision of its relative configuration. Tetrahedron, 2017, 73, 3271-3280.	1.9	8
28	Synthesis and revision of the relative configuration of glabramycin B. Tetrahedron Letters, 2015, 56, 6290-6293.	1.4	7
29	Synthesis of (Â±)-(3R*, 4S*, 4aR*)- 4,8-Dihydoxy-3-methyl-3,4,4a,5-tetrahydro-1H-2-benzopyran-1-one. Heterocycles, 2000, 53, 539.	0.7	7
30	Detection of diastereomer peptides as the intermediates generating d-amino acids during acid hydrolysis of peptides. Amino Acids, 2016, 48, 2683-2692.	2.7	6
31	Efficient construction of the core framework of lysidicin A via three Claisen rearrangements including a cascade reaction. Tetrahedron Letters, 2010, 51, 3294-3296.	1.4	5
32	Stereoselective synthesis of (Â±)-urechitol A employing [4+3] cycloaddition. Tetrahedron, 2016, 72, 6982-6987.	1.9	5
33	Novel indole and benzothiophene ring derivatives showing differential modulatory activity against human epithelial sodium channel subunits, ENaC Î² and Î³. Bioscience, Biotechnology and Biochemistry, 2019, 83, 243-250.	1.3	5
34	Enantioselective Synthesis of Bioactive Molecules Related to Plant Protection and Physiology.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1998, 56, 884-895.	0.1	5
35	Revision of the Stereochemistries of Natural Products through the Synthetic Study: Synthesis of Fudecalone and Kaitocephalin. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2007, 65, 511-519.	0.1	5
36	Synthesis of (â˜)-okundoperoxide and determination of the absolute configuration of natural (+)-okundoperoxide. Tetrahedron Letters, 2017, 58, 3884-3886.	1.4	3

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37	The membraneâ€bound O â€acyltransferase Ale1 transfers an acyl moiety to newly synthesized 2â€alkylâ€sn â€glyceroâ€3â€phosphocholine in yeast. FEBS Letters, 2018, 592, 1829-1836.	2.8	3
38	Synthesis-guided structure revision of the monoterpene alcohol isolated from Mentha haplocalyx. Bioscience, Biotechnology and Biochemistry, 2019, 83, 391-399.	1.3	3
39	Asymmetric synthesis of trans-p-menth-3-ene-1,2,8-triol, the monoterpene isolated from herbal plants. Bioscience, Biotechnology and Biochemistry, 2020, 84, 37-42.	1.3	3
40	Synthesis of (4S,6S)-4-Hydroxy-1,7-dioxaspiro[5.5]undecane, a Component of the Olive Fruit Fly Pheromone, by Employing a Novel Asymmetric Oxy-Michael Addition. Synthesis, 2000, 2000, 1925-1929.	2.3	2
41	Synthesis of (2RS,8R,10R)-YM-193221 and an Improved Approach to Tyroscherin, Bioactive Natural Compounds from Pseudallescheria sp.. Bioscience, Biotechnology and Biochemistry, 2010, 74, 2056-2059.	1.3	2
42	First synthesis of (Â±)-myristicyclin A. Bioscience, Biotechnology and Biochemistry, 2018, 82, 1867-1870.	1.3	2
43	Concise synthesis of (Â±)-litseaones A and B. Bioscience, Biotechnology and Biochemistry, 2019, 83, 810-812.	1.3	1
44	Unified synthesis and assessment of tumor cell migration inhibitory activity of optically active UTKO1, originally designed moverastin analog. Bioscience, Biotechnology and Biochemistry, 2021, 85, 160-167.	1.3	1
45	Synthesis of Azadirachtin, an Insect Antifeedant. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2016, 74, 903-912.	0.1	1
46	Concise enantioselective synthesis of wine lactone via intramolecular Dielsâ€“Alder reaction. Bioscience, Biotechnology and Biochemistry, 2021, 85, 1390-1394.	1.3	0
47	Transcriptional regulators involved in responses to volatile organic compounds in plants. FASEB Journal, 2021, 35, .	0.5	0