

Hidenori Watanabe

List of Publications by Year in descending order

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47
papers

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925
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Unified synthesis and assessment of tumor cell migration inhibitory activity of optically active UTKO1, originally designed moverastin analog. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 160-167. | 1.3 | 1 |
| 2 | Concise enantioselective synthesis of wine lactone via intramolecular Diels-Alder reaction. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 1390-1394. | 1.3 | 0 |
| 3 | Transcriptional regulators involved in responses to volatile organic compounds in plants. <i>FASEB Journal</i> , 2021, 35, . | 0.5 | 0 |
| 4 | Asymmetric synthesis of <i>trans-p</i> -menth-3-ene-1,2,8-triol, the monoterpene isolated from herbal plants. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 37-42. | 1.3 | 3 |
| 5 | A suicide enzyme catalyzes multiple reactions for biotin biosynthesis in cyanobacteria. <i>Nature Chemical Biology</i> , 2020, 16, 415-422. | 8.0 | 15 |
| 6 | Concise synthesis of (±)-litseaones A and B. <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 810-812. | 1.3 | 1 |
| 7 | Novel indole and benzothiophene ring derivatives showing differential modulatory activity against human epithelial sodium channel subunits, ENaC β^2 and β^3 . <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 243-250. | 1.3 | 5 |
| 8 | Synthesis-guided structure revision of the monoterpene alcohol isolated from <i>Mentha haplocalyx</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 391-399. | 1.3 | 3 |
| 9 | 14-3-3 μ directs the pulsatile transport of basal factors toward the apical domain for lumen growth in tubulogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8873-E8881. | 7.1 | 17 |
| 10 | The membrane-bound O ⁶ -acyltransferase Ale1 transfers an acyl moiety to newly synthesized 2-alkyl-sn-glycero-3-phosphocholine in yeast. <i>FEBS Letters</i> , 2018, 592, 1829-1836. | 2.8 | 3 |
| 11 | First synthesis of (±)-myristicyclin A. <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 1867-1870. | 1.3 | 2 |
| 12 | Enantioselective Total Synthesis of (+)-Anthecularin. <i>Organic Letters</i> , 2018, 20, 3888-3891. | 4.6 | 9 |
| 13 | First total synthesis of glabramycin B and revision of its relative configuration. <i>Tetrahedron</i> , 2017, 73, 3271-3280. | 1.9 | 8 |
| 14 | Synthesis of (±)-okundoperoxide and determination of the absolute configuration of natural (+)-okundoperoxide. <i>Tetrahedron Letters</i> , 2017, 58, 3884-3886. | 1.4 | 3 |
| 15 | Stereoselective synthesis of (±)-urechitol A employing [4+3] cycloaddition. <i>Tetrahedron</i> , 2016, 72, 6982-6987. | 1.9 | 5 |
| 16 | Detection of diastereomer peptides as the intermediates generating d-amino acids during acid hydrolysis of peptides. <i>Amino Acids</i> , 2016, 48, 2683-2692. | 2.7 | 6 |
| 17 | Electrochemical asymmetric dimerization of cinnamic acid derivatives and application to the enantioselective syntheses of furofuran lignans. <i>Tetrahedron</i> , 2016, 72, 8393-8399. | 1.9 | 19 |
| 18 | Synthesis of (±)-Chamobtusin A from (+)-Dehydroabietylamine. <i>Journal of Organic Chemistry</i> , 2016, 81, 11866-11870. | 3.2 | 13 |

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|----|--|------|-----------|
| 19 | Synthesis of Azadirachtin, an Insect Antifeedant. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2016, 74, 903-912. | 0.1 | 1 |
| 20 | Asymmetric Formal Synthesis of Azadirachtin. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14920-14923. | 13.8 | 19 |
| 21 | Synthesis and revision of the relative configuration of glabramycin B. <i>Tetrahedron Letters</i> , 2015, 56, 6290-6293. | 1.4 | 7 |
| 22 | Identification of a pheromone that increases anxiety in rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18751-18756. | 7.1 | 59 |
| 23 | Identification of an Olfactory Signal Molecule that Activates the Central Regulator of Reproduction in Goats. <i>Current Biology</i> , 2014, 24, 681-686. | 3.9 | 65 |
| 24 | Total synthesis of (±)-lysidicin A. <i>Tetrahedron</i> , 2012, 68, 1723-1728. | 1.9 | 9 |
| 25 | Synthesis and anti-migrative evaluation of moverastin derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1385-1389. | 2.2 | 24 |
| 26 | Involvement of 14-3-3 Proteins in the Second Epidermal Growth Factor-induced Wave of Rac1 Activation in the Process of Cell Migration. <i>Journal of Biological Chemistry</i> , 2011, 286, 39259-39268. | 3.4 | 36 |
| 27 | Stereoselective Total Synthesis of (±)-urechitol A. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5527-5528. | 13.8 | 24 |
| 28 | 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. <i>Tetrahedron Letters</i> , 2010, 51, 2765-2767. | 1.4 | 13 |
| 29 | Efficient construction of the core framework of lysidicin A via three Claisen rearrangements including a cascade reaction. <i>Tetrahedron Letters</i> , 2010, 51, 3294-3296. | 1.4 | 5 |
| 30 | Synthesis of (2 <i>R</i> ,8 <i>R</i> ,10 <i>R</i>)-YM-193221 and an Improved Approach to Tyroscherin, Bioactive Natural Compounds from <i>Pseudallescheria</i> sp. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 2056-2059. | 1.3 | 2 |
| 31 | Synthesis and structure revision of tyroscherin, and bioactivities of its stereoisomers against IGF-1-dependent tumor cells. <i>Tetrahedron</i> , 2009, 65, 3629-3638. | 1.9 | 21 |
| 32 | Synthesis and structure revision of tyroscherin, a growth inhibitor of IGF-1-dependent tumor cells. <i>Tetrahedron Letters</i> , 2008, 49, 7042-7045. | 1.4 | 20 |
| 33 | Synthetic Study Towards Azadirachtin: An Efficient and Stereoselective Construction of the AB Rings with Full Functionality. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1512-1516. | 13.8 | 32 |
| 34 | Synthesis of an insecticidal tetrahydroisocoumarin, (3 <i>R</i> ,4 <i>S</i> ,4 <i>aR</i>)-4,8-dihydroxy-3-methyl-3,4,4 <i>a</i> ,5-tetrahydro-1 <i>H</i> -2-benzopyran-1-one. <i>Tetrahedron</i> , 2007, 63, 1281-1287. | 1.9 | 26 |
| 35 | Synthesis of (±)-mellein, (+)-ramulosin, and related natural products. <i>Tetrahedron</i> , 2007, 63, 1074-1079. | 1.9 | 53 |
| 36 | Revision of the Stereochemistries of Natural Products through the Synthetic Study: Synthesis of Fudecalone and Kaitocephalin. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2007, 65, 511-519. | 0.1 | 5 |

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|----|---|-----|-----------|
| 37 | Stereoselective synthesis of Sch 642305, an inhibitor of bacterial DNA primase. Tetrahedron, 2006, 62, 2224-2230. | 1.9 | 21 |
| 38 | Stereoselective synthesis of microcarpalide. Tetrahedron, 2005, 61, 7546-7553. | 1.9 | 24 |
| 39 | Chemistry and Biology of Moverastins, Inhibitors of Cancer Cell Migration, Produced by Aspergillus. Chemistry and Biology, 2005, 12, 1337-1347. | 6.0 | 26 |
| 40 | Structure of Tyroscherin, an Antitumor Antibiotic against IGF-1-dependent Cells from Pseudallescheria sp.. Journal of Antibiotics, 2004, 57, 634-638. | 2.0 | 30 |
| 41 | Synthesis and revision of the relative configuration of fudecalone. Tetrahedron Letters, 2001, 42, 917-919. | 1.4 | 8 |
| 42 | Novel asymmetric oxy-michael addition reaction of the chiral ketones to the achiral α - or β -hydroxy- α,β -unsaturated carbonyl compounds. Chirality, 2001, 13, 379-385. | 2.6 | 19 |
| 43 | 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 |
| 44 | Synthesis of (\hat{A} ±)-(3R*, 4S*, 4aR*)- 4,8-Dihydroxy-3-methyl-3,4,4a,5-tetrahydro-1H-2-benzopyran-1-one. Heterocycles, 2000, 53, 539. | 0.7 | 7 |
| 45 | Synthesis of the Proposed Structure of Fudecalone, an Anticoccidial Drimane Terpenoid. Organic Letters, 1999, 1, 1079-1080. | 4.6 | 9 |
| 46 | Enantioselective Synthesis of Bioactive Molecules Related to Plant Protection and Physiology.. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 1998, 56, 884-895. | 0.1 | 5 |
| 47 | 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 |