Ichiro Hayakawa

List of Publications by Year
in descending order

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59 papers	920 citations	430442 18 h-index	500791 28 g-index
76 all docs	76 docs citations	76 times ranked	812 citing authors

#	Article	IF	Citations
1	Multi-valent polymer of vancomycin: enhanced antibacterial activity against VRE. Chemical Communications, 1999, , 1361-1362.	2.2	87
2	Absolute stereochemistry of halichlorine; A potent inhibitor of VCAM-1 induction. Tetrahedron Letters, 1998, 39, 861-862.	0.7	86
3	The Î³-tubulin-specific inhibitor gatastatin reveals temporal requirements of microtubule nucleation during the cell cycle. Nature Communications, 2015, 6, 8722.	5.8	47
4	Total Synthesis of (â^')â€13â€Oxyingenol and its Natural Derivative. Angewandte Chemie - International Edition, 2012, 51, 4972-4975.	7.2	42
5	Three New Alkaloids, Convolutamines F and G, and Convolutamydine E, from the Floridian Marine Bryozoan Amathia convoluta. Collection of Czechoslovak Chemical Communications, 1999, 64, 1147-1153.	1.0	35
6	Total Synthesis and Cytotoxicity of Haterumalides NA and B and Their Artificial Analogues. Journal of Organic Chemistry, 2009, 74, 3370-3377.	1.7	34
7	Marine cytotoxic macrolides haterumalides and biselides, and related natural products. Chemical Record, 2007, 7, 254-264.	2.9	32
8	Synthesis of (Â±)-Pinnaic Acid. Heterocycles, 2003, 59, 441.	0.4	32
9	Design, Synthesis, and Biological Evaluations of Aplyronine Aâ€"Mycalolide B Hybrid Compound. Organic Letters, 2012, 14, 1290-1293.	2.4	31
10	Toward the Second Generation Synthesis of Aplyronine A: Stereocontrolled Assembly of the C1â^'C19 Segment by Using an Asymmetric Nozakiâ^'Hiyamaâ^'Kishi Coupling. Organic Letters, 2011, 13, 900-903.	2.4	29
11	Second-Generation Total Synthesis of Haterumalide NA Using B-Alkyl Suzukiâ€"Miyaura Coupling. Organic Letters, 2008, 10, 1859-1862.	2.4	28
12	Enantioselective synthesis of aurisides A and B, cytotoxic macrolide glycosides of marine origin. Tetrahedron, 2006, 62, 7687-7698.	1.0	23
13	Synthesis of the tricyclic core of halichlorine. Chemical Communications, 2004, , 1222.	2.2	22
14	Total Synthesis of Auripyronesâ€...A and B and Determination of the Absolute Configuration of Auripyroneâ€...B. Angewandte Chemie - International Edition, 2010, 49, 2401-2405.	7.2	22
15	Revised structure of zamamistatin. Tetrahedron Letters, 2006, 47, 155-158.	0.7	21
16	Synthesis of Glaziovianin A: A Potent Antitumor Isoflavone. Chemistry Letters, 2007, 36, 1382-1383.	0.7	21
17	Design, synthesis, and biological evaluation of the analogues of glaziovianin A, a potent antitumor isoflavone. Bioorganic and Medicinal Chemistry, 2012, 20, 5745-5756.	1.4	20
18	Aldol-type reaction of a 4-pyrone: a straightforward approach to 4-pyrone-containing natural products. Tetrahedron Letters, 2009, 50, 325-328.	0.7	19

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19	Construction of the [6-7-5-5] tetracyclic core of all the carbocyclic frameworks of yuzurimine-type alkaloids. Chemical Communications, 2015, 51, 11568-11571.	2.2	19
20	Synthetic study on 13-oxyingenol: construction of the full carbon framework. Tetrahedron Letters, 2007, 48, 6221-6224.	0.7	18
21	Glaziovianin A Prevents Endosome Maturation via Inhibiting Microtubule Dynamics. ACS Chemical Biology, 2013, 8, 884-889.	1.6	18
22	Synthesis of ustalic acid, an inhibitor of Na+,K+-ATPase. Tetrahedron, 2008, 64, 5873-5877.	1.0	16
23	Structureâ€“activity relationship study of glaziovianin A against cell cycle progression and spindle formation of HeLa S3 cells. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5402-5404.	1.0	16
24	Synthetic Studies toward 13-Oxyingenol: Construction of the Fully Substituted Tetracyclic Compound. Organic Letters, 2011, 13, 2160-2163.	2.4	14
25	Synthetic Studies on Mycalolide B: Synthesis of the C7â€“C35 Fragment. Chemistry Letters, 2007, 36, 1490-1491.	0.7	11
26	Structure of zamamistatinâ€”a correction. Tetrahedron Letters, 2008, 49, 5383-5384.	0.7	11
27	Second-generation total synthesis of aplyronine A featuring Ni/Cr-mediated coupling reactions. Organic and Biomolecular Chemistry, 2017, 15, 124-131.	1.5	11
28	Discovery of O6-benzyl glaziovianin A, a potent cytotoxic substance and a potent inhibitor of Î±,Î²-tubulin polymerization. Bioorganic and Medicinal Chemistry, 2016, 24, 5639-5645.	1.4	10
29	Toward the Synthesis of Yuzurimine-Type Alkaloids: Stereoselective Construction of the Heterocyclic Portions of Deoxyyuzurimine and Macrodaphnine. Organic Letters, 2019, 21, 6337-6341.	2.4	10
30	Toward the synthesis of Î³-pyrone-containing natural products: diastereoselective aldol-type reaction of a Î³-pyrone. Tetrahedron, 2012, 68, 6477-6484.	1.0	9
31	Recent Progress in The Synthetic Study of an Antitumor Marine Macrolide Aplyronine A and Related Molecules. Heterocycles, 2015, 91, 1137.	0.4	9
32	Development of a novel inducer of proteinâ€“protein interactions based on aplyronine A. Chemical Communications, 2018, 54, 9537-9540.	2.2	8
33	Toward the Synthesis of Paspaline-Type Indole-Terpenes: Stereoselective Construction of Core Scaffold with Contiguous Asymmetric Quaternary Carbon Centers. Journal of Organic Chemistry, 2021, 86, 9802-9810.	1.7	8
34	Total Synthesis of Biselide A, A Cytotoxic Macrolide of Marine Origin. Synthesis, 2017, 49, 2958-2970.	1.2	7
35	Practical Synthesis of Glaziovianin A, a Cytotoxic Isoflavone, and Its O7-Propargyl Analogue. Bulletin of the Chemical Society of Japan, 2014, 87, 544-549.	2.0	6
36	Catalytic enantioselective Hosomiâ€“Sakurai reaction of Î±-ketoesters promoted by chiral copper(<scp>ii</scp>) complexes. Chemical Communications, 2019, 55, 3923-3926.	2.2	6

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37	Total Synthesis and Biological Evaluation of Auripyrones A and B. Bulletin of the Chemical Society of Japan, 2012, 85, 1077-1092.	2.0	5
38	Synthetic studies toward biselides. Part 1: synthesis of the core carbon framework of biselides A, B, and E using Stille coupling. Tetrahedron Letters, 2012, 53, 1390-1392.	0.7	5
39	Synthetic studies toward biselides. Part 2: synthesis of the macrolactone part of biselides A and B using allylic oxidation. Tetrahedron Letters, 2012, 53, 1393-1396.	0.7	5
40	Structure Optimization of Gatastatin for the Development of Î³-Tubulin-Specific Inhibitor. ACS Medicinal Chemistry Letters, 2020, 11, 1125-1129.	1.3	5
41	Practical Syntheses of Enantiomerically Pure Key Intermediates of Opioid Receptor-like 1 (ORL1) Antagonists. Synthesis, 2009, 2009, 1153-1162.	1.2	4
42	Total synthesis of natural derivatives and artificial analogs of 13-oxyingenol and their biological evaluation. Organic and Biomolecular Chemistry, 2016, 14, 11426-11437.	1.5	4
43	Reinvestigation of the Biomimetic Cyclization of 3,5-Diketo Esters: Application to the Total Synthesis of Cyercene A, an Î±-Methoxy-Î³-Pyrone-Containing Polypropionate. Synlett, 2017, 28, 1596-1600.	1.0	4
44	Total Synthesis of Biselide E, a Marine Polyketide. Organic Letters, 2017, 19, 5713-5716.	2.4	4
45	Toward the Synthesis of SB-203207: Construction of Four Contiguous Nitrogen-Containing Stereogenic Centers. Journal of Organic Chemistry, 2019, 84, 15614-15623.	1.7	4
46	Dual Inhibition of Î³-Tubulin and Plk1 Induces Mitotic Cell Death. Frontiers in Pharmacology, 2020, 11, 620185.	1.6	4
47	Enantioselective Dielsâ€“Alder Reaction of 3-Nitrocoumarins Promoted by Chiral Organoammonium Salt Catalysts. Synlett, 2020, 31, 2013-2017.	1.0	4
48	Total Synthesis and Cytotoxicity of Haterumalides NA and B and Their Artificial Analogues. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2010, 68, 814-823.	0.0	4
49	Synthesis and structureâ€“activity relationships for cytotoxicity and apoptosis-inducing activity of (+)-halichonine B. Organic and Biomolecular Chemistry, 2015, 13, 9969-9976.	1.5	3
50	Quantitative analysis of the Tricholoma ustale-derived toxin, ustalic acid, in mushroom and food samples by LCâ€“MS/MS. Forensic Science International, 2020, 317, 110554.	1.3	3
51	Kinetic Resolution of Î±-Nitrolactones by Catalytic Asymmetric Hydrolysis or Esterâ€“Amide Exchange Reaction. Synlett, 2020, 31, 2018-2022.	1.0	3
52	Structureâ€“Activity Relationship Study of Gatastatin Based on the Topliss Tree Approach. Heterocycles, 2019, 99, 238.	0.4	3
53	Synthetic Studies towards Optically Active 13-Oxyingenol via Asymmetric ÂCyclopropanation. Synthesis, 2011, 2011, 769-777.	1.2	2
54	Development of Biofunctional Molecules Based on Total Synthesis of Natural Products. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2014, 72, 126-136.	0.0	1

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55	Structureâ€“activity relationship studies on an antitumor marine macrolide using aplyronine aâ€“swinholide A hybrid. Organic and Biomolecular Chemistry, 2022, 20, 2922-2938.	1.5	1
56	Development of Practical Synthesis of Halichondrins. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2007, 65, 1225-1226.	0.0	0
57	Stimulation of microtubule-based transport by nucleation of microtubules on pigment granules. Molecular Biology of the Cell, 2017, 28, 1418-1425.	0.9	0
58	Regioselective DMAD-Insertion Reaction of Silyl Dienol Ether of Î³-Pyrone under Catalyst- and Heating-Free Conditions. Heterocycles, 2017, 94, 2299.	0.4	0
59	Development of Gatastatin G2, a Î³-Tubulin-specific Inhibitor. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2022, 80, 563-573.	0.0	0