Ken Ishigami

List of Publications by Year
in descending order

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61 papers	1,443 citations	361413 20 h-index	330143 37 g-index
61 all docs	61 docs citations	61 times ranked	2009 citing authors

#	Article	IF	Citations
1	Synthesis and DFT-NMR-guided structure revision of cremenolide. Natural Product Research, 2023, 37, 1577-1582.	1.8	2
2	Sulforaphane suppresses the activity of sterol regulatory element-binding proteins (SREBPs) by promoting SREBP precursor degradation. Scientific Reports, 2022, 12, .	3.3	6
3	Synthesis of both enantiomers of lycoperdic acid, an unusual mushroom-derived amino acid. Bioscience, Biotechnology and Biochemistry, 2021, 85, 154-159.	1.3	2
4	Enantioselective synthesis and stereochemical determination of the highly reduced polyketide ishigamide. Bioscience, Biotechnology and Biochemistry, 2021, 85, 148-153.	1.3	1
5	Studies on analogs of DAMASCENOLIDETM: Part 4. Synthesis and odor evaluation of sulfur-containing analogs of DAMASCENOLIDETM. Bioscience, Biotechnology and Biochemistry, 2021, 85, 1357-1363.	1.3	0
6	Sulfoquinovosylglyceryl ether, a new group of ether lipids from lake ballâ€forming green alga Aegagropilopsis moravica (family Pithophoraceae). Chemistry - an Asian Journal, 2021, 16, 1493-1498.	3.3	1
7	Transcriptional regulators involved in responses to volatile organic compounds in plants. FASEB Journal, 2021, 35, .	0.5	0
8	Practical synthesis of aromatic bisabolanes: Synthesis of 1,3,5-bisabolatrien-7-ol, peniciaculin A and B, and hydroxysydonic acid. Tetrahedron, 2021, 92, 132253.	1.9	6
9	Isolation and characterization of anti-diabetic compound from Clerodendrum infortunatum L. leaves. South African Journal of Botany, 2021, 142, 380-390.	2.5	0
10	Disproof of the Proposed Structures of Bradyoxetin, a Putative Bradyrhizobium japonicum Signaling Molecule, and HMCP, a Putative Ralstonia solanacearum Quorum-Sensing Molecule. Journal of Natural Products, 2021, 84, 495-502.	3.0	5
11	Studies on analogs of DAMASCENOLIDETM: Part 3. Synthesis and odor evaluation of dimethylated, cyclopropanated, and other analogs of DAMASCENOLIDETM. Bioscience, Biotechnology and Biochemistry, 2021, 85, 756-764.	1.3	0
12	Synthesis of anti-Helicobacter pylori sesquiterpene employing tandem radical cyclization, and determination of the absolute configuration of the natural product. Tetrahedron, 2020, 76, 130834.	1.9	0
13	Formal synthesis of cochlearol A, a meroterpenoid with renoprotective activity. Tetrahedron Letters, 2020, 61, 151845.	1.4	13
14	Synthesis and odour evaluation of doubleâ€bond isomers of DAMASCENOLIDE, 4â€(4â€methylpentâ€3â€enâ€1â€yl)â€2(5 H) Tj ETQq0	2.6	7
15	Synthesis and stereochemistry of (â˜)-FE399. Tetrahedron Letters, 2020, 61, 151783.	1.4	4
16	Analog synthesis of DAMASCENOLIDETM, an important aroma component of roses, and their odor properties. Bioscience, Biotechnology and Biochemistry, 2020, 84, 1560-1569.	1.3	2
17	Transcriptional regulators involved in responses to volatile organic compounds in plants. Journal of Biological Chemistry, 2019, 294, 2256-2266.	3.4	56
18	Synthesis and odour evaluation of novel sulfurâ€containing cyclic acetals. Flavour and Fragrance Journal, 2019, 34, 43-51.	2.6	4

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19	Synthesis and stereochemistry of JBIR-81, a peptide enamide derived from aspergilli. Tetrahedron Letters, 2018, 59, 1010-1013.	1.4	1
20	Nitro-Mannich reaction and intramolecular 1,3-dipolar cycloaddition route to acylpyrrolidinones: Synthesis of a tetramic acid and (+)-laccarin. Tetrahedron Letters, 2018, 59, 2352-2355.	1.4	4
21	Structural Insights into the CotB2-Catalyzed Cyclization of Geranylgeranyl Diphosphate to the Diterpene Cyclooctat-9-en-7-ol. ACS Chemical Biology, 2017, 12, 1621-1628.	3.4	37
22	First total synthesis of glabramycin B and revision of its relative configuration. Tetrahedron, 2017, 73, 3271-3280.	1.9	8
23	Amino-group carrier-protein-mediated secondary metabolite biosynthesis in Streptomyces. Nature Chemical Biology, 2016, 12, 967-972.	8.0	28
24	Stereoselective synthesis of (Â±)-urechitol A employing [4+3] cycloaddition. Tetrahedron, 2016, 72, 6982-6987.	1.9	5
25	Synthesis of (Â±)-(Z)-2Î²-hydroxy-14-hydro-Î²-santalol employing tandem radical cyclization. Tetrahedron Letters, 2015, 56, 5816-5819.	1.4	4
26	Synthesis of marine oxylipin topsentolide A1 and its stereoisomers, and determination of the absolute configuration of the natural product. Tetrahedron, 2015, 71, 8436-8443.	1.9	1
27	Synthesis and revision of the relative configuration of glabramycin B. Tetrahedron Letters, 2015, 56, 6290-6293.	1.4	7
28	Total synthesis of (Â±)-lysidicin A. Tetrahedron, 2012, 68, 1723-1728.	1.9	9
29	Stereoselective Total Synthsis of (Â±)â€Urechitolâ€...A. Angewandte Chemie - International Edition, 2010, 49, 5527-5528.	13.8	24
30	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
31	Determination of the absolute configuration of marine oxylipin topsentolide A1 by the synthesis of the enantiomer of the natural product. Tetrahedron Letters, 2010, 51, 2762-2764.	1.4	15
32	Spliceostatin A blocks angiogenesis by inhibiting global gene expression including VEGF. Cancer Science, 2010, 101, 2483-2489.	3.9	51
33	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
34	Synthetic Studies of Natural 10-Membered Lactones, Mueggelone, Microcarpalide, and Sch 642305, Which Have Interesting Bioactivities. Bioscience, Biotechnology and Biochemistry, 2009, 73, 971-979.	1.3	20
35	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
36	Enantioselective synthesis of phomallenic acid C by In- and Pd-mediated anti-SN2â€² coupling. Tetrahedron, 2009, 65, 6953-6958.	1.9	8

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37	Enantioselective synthesis of phomallenic acid C, an inhibitor of FAS II pathway. Tetrahedron Letters, 2008, 49, 5077-5079.	1.4	6
38	Synthesis and structure revision of tyroscherin, a growth inhibitor of IGF-1-dependent tumor cells. Tetrahedron Letters, 2008, 49, 7042-7045.	1.4	20
39	Synthesis of FF8181-A. Bioscience, Biotechnology and Biochemistry, 2008, 72, 2708-2715.	1.3	8
40	Inhibition of splicing and nuclear retention of pre-mRNA by spliceostatin A in fission yeast. Biochemical and Biophysical Research Communications, 2007, 364, 573-577.	2.1	32
41	Absolute Structure of Prunustatin A, a Novel GRP78 Molecular Chaperone Down-Regulator. Organic Letters, 2007, 9, 4239-4242.	4.6	27
42	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
43	Synthesis of (â˜)-mellein, (+)-ramulosin, and related natural products. Tetrahedron, 2007, 63, 1074-1079.	1.9	53
44	Spliceostatin A targets SF3b and inhibits both splicing and nuclear retention of pre-mRNA. Nature Chemical Biology, 2007, 3, 576-583.	8.0	563
45	Enantioselective total synthesis of (2R,3R,6R)-N-methyl-6-(deca-1â€²,3â€²,5â€²-trienyl)-3-methoxy-2-methylpiperidine, an insecticidal alkaloid. Tetrahedron, 2006, 62, 160-165.	1.9	20
46	Stereoselective synthesis of Sch 642305, an inhibitor of bacterial DNA primase. Tetrahedron, 2006, 62, 2224-2230.	1.9	21
47	Stereoselective synthesis of microcarpalide. Tetrahedron, 2005, 61, 7546-7553.	1.9	24
48	Structure-activity Relationship for FR901464: A Versatile Method for the Conversion and Preparation of Biologically Active Biotinylated Probes. Bioscience, Biotechnology and Biochemistry, 2004, 68, 2178-2182.	1.3	45
49	Short-step Synthesis of Chenodiol from Stigmasterol. Bioscience, Biotechnology and Biochemistry, 2004, 68, 1332-1337.	1.3	7
50	Synthesis of Microcarpalide, a Microfilament Disrupting Agent. Heterocycles, 2004, 63, 785.	0.7	17
51	Synthesis of Both Enantiomers of Brevioxime and Determination of Its Absolute Configuration. Heterocycles, 2003, 61, 481.	0.7	2
52	Radicicol Binding to Swo1/Hsp90 and Inhibition of Growth of Specific Temperature-sensitive Cell Cycle Mutants of Fission Yeast. Bioscience, Biotechnology and Biochemistry, 2001, 65, 2528-2534.	1.3	7
53	Synthesis and biological evaluation of analogs of the tetrahydropyran acetogenin, muconin. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2001, 77, 157-160.	3.8	1
54	First total synthesis and determination of the absolute configuration of mueggelone. Tetrahedron, 2001, 57, 3899-3908.	1.9	33

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55	First total synthesis of mueggelone. Tetrahedron Letters, 2000, 41, 8897-8901.	1.4	12
56	Radicicol Binds and Inhibits Mammalian ATP Citrate Lyase. Journal of Biological Chemistry, 2000, 275, 39231-39236.	3.4	53
57	Synthesis of Solamin. Heterocycles, 1999, 50, 981.	0.7	19
58	Synthesis of all the four possible stereoisomers of acaterin, naturally occurring ACAT inhibitor, and the determination of its absolute configuration. Tetrahedron, 1995, 51, 6431-6442.	1.9	25
59	Cororubicin, a new anthracycline antibiotic generating active oxygen in tumor cells.. Journal of Antibiotics, 1994, 47, 1219-1225.	2.0	22
60	Menoxymycins A and B, new antitumor antibiotics generating active oxygen in tumor cells.. Journal of Antibiotics, 1994, 47, 1344-1347.	2.0	20
61	Pheromone Synthesis, CXLV. Synthesis of the Enantiomers of Rhynchophorol [(E)â€6â€Methylâ€2â€heptenâ€4â€ol], the Maleâ€Produced Aggregation Pheromone of the American Palm Weevil, Rhynchophorus palmarum. Liebigs Annalen Der Chemie, 1992, 1992, 1195-1198.	0.8	13