

Yoshito Kishi

List of Publications by Year in descending order

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18482

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251
all docs

251
docs citations

251
times ranked

5657
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly stereoselective approaches to .alpha.- and .beta.-C-glycopyranosides. Journal of the American Chemical Society, 1982, 104, 4976-4978.	13.7	598
2	Catalytic effect of nickel(II) chloride and palladium(II) acetate on chromium(II)-mediated coupling reaction of iodo olefins with aldehydes. Journal of the American Chemical Society, 1986, 108, 5644-5646.	13.7	524
3	Further synthetic studies on rifamycin s. Tetrahedron, 1981, 37, 3873-3888.	1.9	389
4	Total synthesis of halichondrin B and norhalichondrin B. Journal of the American Chemical Society, 1992, 114, 3162-3164.	13.7	362
5	E5531, a pure endotoxin antagonist of high potency. Science, 1995, 268, 80-83.	12.6	338
6	Dramatic rate enhancement of Suzuki diene synthesis. Its application to palytoxin synthesis. Journal of the American Chemical Society, 1987, 109, 4756-4758.	13.7	293
7	Stereocontrolled synthesis of D-pentitols, 2-amino-2-deoxy-D-pentitols and 2-deoxy-D-pentitols from D-glyceraldehyde acetonide. Journal of the American Chemical Society, 1982, 104, 1109-1111.	13.7	228
8	Reductive ring openings of allyl-alcohol epoxides. Tetrahedron Letters, 1982, 23, 2719-2722.	1.4	215
9	Total Synthesis of Pinnatoxin A. Journal of the American Chemical Society, 1998, 120, 7647-7648.	13.7	171
10	An improved procedure for the Blaise reaction: a short, practical route to the key intermediates of the saxitoxin synthesis. Journal of Organic Chemistry, 1983, 48, 3833-3835.	3.2	167
11	Complete Relative Stereochemistry of Maitotoxin. Journal of the American Chemical Society, 1996, 118, 7946-7968.	13.7	159
12	Synthesis of mono- and unsymmetrical bis-orthoesters of scyllo-inositol. Journal of Organic Chemistry, 1985, 50, 4402-4404.	3.2	158
13	Structure of dinoflagellate luciferin and its enzymic and nonenzymic air-oxidation products. Journal of the American Chemical Society, 1989, 111, 7607-7611.	13.7	149
14	Macrocyclic ketone analogues of halichondrin B. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 5551-5554.	2.2	139
15	Total Synthesis of Altohrytin A (Spongistatin 1): Part 1. Angewandte Chemie - International Edition, 1998, 37, 187-190.	13.8	130
16	Total synthesis of (+)-ophiobolin C. Journal of the American Chemical Society, 1989, 111, 2735-2737.	13.7	128
17	Ni(II)/Cr(II)-mediated coupling reaction: an asymmetric process. Journal of Organic Chemistry, 1995, 60, 5386-5387.	3.2	123
18	A mild preparation of vinyl iodides from vinylsilanes. Tetrahedron Letters, 1996, 37, 8647-8650.	1.4	121

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19	Stereo- and regioselective methods for the synthesis of three consecutive asymmetric units found in many natural products. <i>Tetrahedron Letters</i> , 1979, 20, 4343-4346.	1.4	115
20	Total Synthesis of Altophyrtin A (Spongistatin 1): Part 2. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 190-196.	13.8	104
21	Toolbox Approach to the Search for Effective Ligands for Catalytic Asymmetric Cr-Mediated Coupling Reactions. <i>Journal of the American Chemical Society</i> , 2009, 131, 15387-15393.	13.7	103
22	Synthesis of Palytoxin from Palytoxin Carboxylic Acid. <i>Journal of the American Chemical Society</i> , 1994, 116, 11205-11206.	13.7	102
23	Total synthesis of sporidesmin A. <i>Journal of the American Chemical Society</i> , 1973, 95, 6493-6495.	13.7	101
24	Toward Creation of a Universal NMR Database for Stereochemical Assignment: The Case of 1,3,5-Trisubstituted Acyclic Systems. <i>Helvetica Chimica Acta</i> , 2000, 83, 2562-2571.	1.6	101
25	Total synthesis of gliotoxin, dehydrogliotoxin and hyalodendrin. <i>Tetrahedron</i> , 1981, 37, 2045-2078.	1.9	99
26	Preferred conformation of C-glycosides. 8. Synthesis of 1,4-linked carbon disaccharides. <i>Journal of Organic Chemistry</i> , 1992, 57, 468-481.	3.2	97
27	Toward Creation of a Universal NMR Database for the Stereochemical Assignment of Acyclic Compounds: The Case of Two Contiguous Propionate Units. <i>Organic Letters</i> , 1999, 1, 2177-2180.	4.6	97
28	Fe/Cr- and Co/Cr-Mediated Catalytic Asymmetric 2-Haloallylations of Aldehydes. <i>Journal of the American Chemical Society</i> , 2004, 126, 12248-12249.	13.7	96
29	Operationally Simple and Efficient Workup Procedure for TBAF-Mediated Desilylation: Application to Halichondrin Synthesis. <i>Organic Letters</i> , 2007, 9, 723-726.	4.6	96
30	New Catalytic Cycle for Couplings of Aldehydes with Organochromium Reagents. <i>Organic Letters</i> , 2004, 6, 5031-5033.	4.6	92
31	Aldol reaction of allenolates generated via 1,4-addition of iodide anion or its equivalent to α,β -acetylenic ketones. <i>Tetrahedron Letters</i> , 1986, 27, 4767-4770.	1.4	91
32	Universal NMR Databases for Contiguous Polyols. <i>Journal of the American Chemical Society</i> , 2003, 125, 14379-14393.	13.7	90
33	Cooperative effect by a hydroxy and ether oxygen in epoxidation with a peracid. <i>Tetrahedron Letters</i> , 1979, 20, 4347-4350.	1.4	89
34	Synthetic studies towards halichondrins. <i>Tetrahedron Letters</i> , 1987, 28, 3463-3466.	1.4	89
35	Complete Structure of the Mycolactones. <i>Journal of the American Chemical Society</i> , 2001, 123, 10117-10118.	13.7	85
36	Synthesis of C-disaccharides. <i>Journal of Organic Chemistry</i> , 1987, 52, 1370-1372.	3.2	84

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37	Total synthesis of onnamide A. <i>Journal of the American Chemical Society</i> , 1991, 113, 9693-9694.	13.7	84
38	Biological Evaluation of Rationally Modified Analogs of the H-Type II Blood Group Trisaccharide. A Correlation between Solution Conformation and Binding Affinity. <i>Journal of the American Chemical Society</i> , 1995, 117, 9432-9436.	13.7	84
39	Experimental Support for the Primary Stereoelectronic Effect Governing Baeyer-Villiger Oxidation and Criegee Rearrangement. <i>Journal of the American Chemical Society</i> , 1998, 120, 9392-9393.	13.7	84
40	Total Synthesis of (±)-Batrachotoxinin A. <i>Journal of the American Chemical Society</i> , 1998, 120, 6627-6628.	13.7	84
41	Stereochemistry of the Core Structure of the Mycolactones. <i>Journal of the American Chemical Society</i> , 2001, 123, 5128-5129.	13.7	83
42	Preferred conformation of C-glycosides. 10. Synthesis and conformational analysis of carbon trisaccharides. <i>Journal of Organic Chemistry</i> , 1992, 57, 490-498.	3.2	82
43	Toward Creation of a Universal NMR Database for Stereochemical Assignment: Complete Structure of the Desertomycin/Oasomycin Class of Natural Products. <i>Journal of the American Chemical Society</i> , 2001, 123, 2076-2078.	13.7	82
44	Total synthesis of (+/-)-gephyrotoxin. <i>Journal of the American Chemical Society</i> , 1980, 102, 7154-7156.	13.7	81
45	Preferred Conformation of C-Lactose at the Free and Peanut Lectin Bound States. <i>Journal of the American Chemical Society</i> , 1998, 120, 11297-11303.	13.7	81
46	Stereospecific total synthesis of dl-austamide. <i>Journal of the American Chemical Society</i> , 1979, 101, 6786-6788.	13.7	77
47	New Syntheses of E7389 C14-C35 and Halichondrin C14-C38 Building Blocks: Double-Inversion Approach. <i>Journal of the American Chemical Society</i> , 2009, 131, 15636-15641.	13.7	77
48	Total synthesis of debromoaplysiatoxin and aplysiatoxin. <i>Journal of the American Chemical Society</i> , 1987, 109, 6205-6207.	13.7	76
49	Structural basis of protein kinase C activation by diacylglycerols and tumor promoters. <i>Biochemistry</i> , 1992, 31, 2211-2218.	2.5	74
50	Synthetic studies on ophiobolins. <i>Tetrahedron Letters</i> , 1988, 29, 4909-4912.	1.4	73
51	A total synthesis of gliotoxin. <i>Journal of the American Chemical Society</i> , 1976, 98, 6723-6724.	13.7	72
52	New method for the synthesis of epidithiodiketopiperazines. <i>Journal of the American Chemical Society</i> , 1973, 95, 6490-6492.	13.7	71
53	On the absolute configuration of gephyrotoxin. <i>Tetrahedron Letters</i> , 1981, 22, 4197-4198.	1.4	71
54	Enantioselective total synthesis of (-)-decarbamoilsaxitoxin. <i>Journal of the American Chemical Society</i> , 1992, 114, 7001-7006.	13.7	70

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55	Total synthesis of mycalamides A and B. <i>Journal of Organic Chemistry</i> , 1990, 55, 4242-4245.	3.2	68
56	New Syntheses of E7389 C14~C35 and Halichondrin C14~C38 Building Blocks: Reductive Cyclization and Oxy-Michael Cyclization Approaches. <i>Journal of the American Chemical Society</i> , 2009, 131, 15642-15646.	13.7	68
57	New Synthetic Route to the C.14~C.38 Segment of Halichondrins. <i>Journal of Organic Chemistry</i> , 1997, 62, 7552-7553.	3.2	66
58	Preferred Conformations of C-Glycosides. 14. Synthesis and Conformational Analysis of Carbon Analogs of the Blood Group Determinant H-Type II. <i>Journal of Organic Chemistry</i> , 1995, 60, 2160-2169.	3.2	65
59	Total Synthesis of the Mycolactones. <i>Organic Letters</i> , 2002, 4, 647-650.	4.6	65
60	Cypridina bioluminescence III total synthesis of luciferin. <i>Tetrahedron Letters</i> , 1966, 7, 3445-3450.	1.4	64
61	The Stereochemical Assignment and Conformational Analysis of the V/W-Ring Juncture of Maitotoxin. <i>Journal of the American Chemical Society</i> , 1997, 119, 7928-7937.	13.7	64
62	Total synthesis of dehydrogliotoxin. <i>Journal of the American Chemical Society</i> , 1973, 95, 6492-6493.	13.7	62
63	The Total Synthesis of Mitomycins. <i>Journal of Natural Products</i> , 1979, 42, 549-568.	3.0	62
64	Preferred conformation of C-glycosides. 12. Synthesis and conformational analysis of .alpha.,.alpha.-, .alpha.,.beta.-, and .beta.,.beta.-C-trehaloses. <i>Journal of Organic Chemistry</i> , 1994, 59, 88-96.	3.2	62
65	Further studies on chromium(II)-mediated homoallylic alcohol syntheses. <i>Tetrahedron Letters</i> , 1982, 23, 2343-2346.	1.4	61
66	Catalytic Enantioselective Cr-Mediated Propargylation: Application to Halichondrin Synthesis. <i>Organic Letters</i> , 2009, 11, 4520-4523.	4.6	61
67	Structure of the light emitter in krill (<i>Euphausia pacifica</i>) bioluminescence. <i>Journal of the American Chemical Society</i> , 1988, 110, 2683-2685.	13.7	60
68	Synthetic Studies towards Halichondrins: Synthesis of the C.27~C.38 Segment. <i>Tetrahedron Letters</i> , 1992, 33, 1549-1552.	1.4	60
69	Synthesis and Structure of Tolyporphin AO,O-Diacetate. <i>Organic Letters</i> , 1999, 1, 1129-1132.	4.6	60
70	Toward the Creation of NMR Databases in Chiral Solvents: Bidentate Chiral NMR Solvents for Assignment of the Absolute Configuration of Acyclic Secondary Alcohols. <i>Organic Letters</i> , 2002, 4, 411-414.	4.6	60
71	Preferred conformation of C-glycosides. 1. Conformational similarity of glycosides and corresponding C-glycosides. <i>Journal of Organic Chemistry</i> , 1987, 52, 4819-4823.	3.2	59
72	Preferred conformation of C-glycosides. 2. Preferred conformation of carbon analogs of isomaltose and gentiobiose. <i>Journal of Organic Chemistry</i> , 1987, 52, 4823-4825.	3.2	59

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73	Î²-Halovinyl ketones: Synthesis from acetylenic ketones. <i>Tetrahedron Letters</i> , 1986, 27, 4763-4766.	1.4	58
74	Toward Creation of a Universal NMR Database for the Stereochemical Assignment of Acyclic Compounds: A Proof of Concept. <i>Organic Letters</i> , 1999, 1, 2181-2184.	4.6	58
75	Chemistry of mycolactones, the causative toxins of Buruli ulcer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6703-6708.	7.1	58
76	Application of Chiral Lanthanide Shift Reagents for Assignment of Absolute Configuration of Alcohols. <i>Organic Letters</i> , 2004, 6, 4715-4718.	4.6	57
77	Total Synthesis of Halichondrin C. <i>Journal of the American Chemical Society</i> , 2012, 134, 893-896.	13.7	57
78	Biogenetic-type synthesis of penicillin-cephalosporin antibiotics. I. Stereocontrolled synthesis of the penam- and cephem-ring systems from an acyclic tripeptide equivalent. <i>Journal of the American Chemical Society</i> , 1975, 97, 5008-5010.	13.7	56
79	Further studies on stereospecific epoxidation of allylic alcohols Itifat Hasan. <i>Tetrahedron Letters</i> , 1980, 21, 4229-4232.	1.4	55
80	Preferred conformation of C-glycosides. 9. Conformational analysis of 1,4-linked carbon disaccharides. <i>Journal of Organic Chemistry</i> , 1992, 57, 482-489.	3.2	55
81	Novel Structure Elucidation of AAL Toxin TA Backbone. <i>Journal of the American Chemical Society</i> , 1994, 116, 4995-4996.	13.7	55
82	Preferred conformation of C-glycosides. 7. Preferred conformation of carbon analogs of isomaltose and gentiobiose. <i>Journal of Organic Chemistry</i> , 1991, 56, 6422-6434.	3.2	54
83	Catalytic Ni/Cr-Mediated Macrocyclization without Use of High-Dilution Techniques. <i>Journal of the American Chemical Society</i> , 2005, 127, 15382-15383.	13.7	54
84	The structure confirmation of the light-emitting moiety of bioluminescent jellyfish. <i>Tetrahedron Letters</i> , 1972, 13, 2747-2748.	1.4	53
85	Structure-activity relationships of Halichondrin B analogues: modifications at C.30-C.38. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 1029-1032.	2.2	53
86	Synthesis of C-sucrose. <i>Journal of Organic Chemistry</i> , 1988, 53, 3383-3384.	3.2	51
87	Total Synthesis of the Proposed Structure of (+)-Tolyporphin AO,O-Diacetate. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 923-925.	13.8	51
88	Palytoxin: an inexhaustible source of inspiration- personal perspective. <i>Tetrahedron</i> , 2002, 58, 6239-6258.	1.9	51
89	A synthesis of the aromatic segment of rifamycin s. <i>Tetrahedron Letters</i> , 1981, 22, 899-902.	1.4	50
90	Further Improvement on Sulfonamide-Based Ligand for Catalytic Asymmetric 2-Haloallylation and Allylation. <i>Organic Letters</i> , 2008, 10, 3073-3076.	4.6	50

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91	A total synthesis of polyether antibiotic (â™)A23187 (calcimycin). Tetrahedron Letters, 1987, 28, 1063-1066.	1.4	49
92	Preferred conformation of C-glycosides. 6. Conformational similarity of glycosides and corresponding C-glycosides. Journal of Organic Chemistry, 1991, 56, 6412-6422.	3.2	49
93	Synthetic studies on halichondrins: A new practical synthesis of the C.1â€C.12 segment. Tetrahedron Letters, 1993, 34, 7541-7544.	1.4	49
94	Preferred Conformation of C-Glycosides. 13. A Comparison of the Conformational Behavior of Several C-, N-, and O-Furanosides. Journal of Organic Chemistry, 1994, 59, 6629-6636.	3.2	49
95	Synthetic studies on halichondrins: A practical synthesis of the C.1â€C.13 segment. Tetrahedron Letters, 1996, 37, 8643-8646.	1.4	49
96	Revised Structure of Tolyporphin A. Angewandte Chemie - International Edition, 1999, 38, 926-928.	13.8	48
97	Preferred conformation of C-glycosides. 3. Preferred conformation of carbon analogs of 1,4-disaccharides. Journal of Organic Chemistry, 1987, 52, 4825-4827.	3.2	47
98	Ni(II)/Cr(II)-Mediated Coupling Reaction: Beneficial Effects of 4-tert-Butylpyridine as an Additive and Development of New and Improved Workup Procedures. Tetrahedron Letters, 1997, 38, 6355-6358.	1.4	47
99	Reaction of methylcerium reagent with tertiary amides: Synthesis of saturated and unsaturated ketones from tertiary amides. Tetrahedron Letters, 1998, 39, 4793-4796.	1.4	47
100	Structural Basis of Protein Kinase C Activation by Tumor Promoters. Accounts of Chemical Research, 1998, 31, 163-172.	15.6	47
101	Complete Stereochemistry of Tetrafibricin. Organic Letters, 2003, 5, 93-96.	4.6	47
102	Total Synthesis of Halichondrin A, the Missing Member in the Halichondrin Class of Natural Products. Journal of the American Chemical Society, 2014, 136, 5171-5176.	13.7	47
103	Enantioselective Total Synthesis of Fumonisin B2. Journal of Organic Chemistry, 1997, 62, 5666-5667.	3.2	46
104	Synthetic studies toward the taxane class of natural products. Tetrahedron Letters, 1993, 34, 5999-6002.	1.4	45
105	Zirconium/Nickelâ€Mediated Oneâ€Pot Ketone Synthesis. Angewandte Chemie - International Edition, 2017, 56, 10791-10795.	13.8	45
106	A practical synthesis of trans-iodoolefins. Tetrahedron Letters, 1986, 27, 4759-4762.	1.4	43
107	Î²-selective C-glycosidations: lewis-acid mediated reactions of carbohydrates with silyl ketene acetals. Tetrahedron Letters, 1997, 38, 6815-6818.	1.4	41
108	Structure Determination of Mycolactone C via Total Synthesis. Organic Letters, 2004, 6, 4901-4904.	4.6	41

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109	Total Synthesis of d,l-Saxitoxin. <i>Heterocycles</i> , 1980, 14, 1477.	0.7	40
110	Attempts to Assemble a Universal NMR Database without Synthesis of NMR Database Compounds. <i>Organic Letters</i> , 2006, 8, 3861-3864.	4.6	39
111	Chiral analogs of enterobactin with hydrophilic or lipophilic properties. <i>Journal of the American Chemical Society</i> , 1993, 115, 7892-7893.	13.7	38
112	Total Synthesis and Stereochemistry of Mycolactone F. <i>Journal of the American Chemical Society</i> , 2008, 130, 1842-1844.	13.7	38
113	Highly sensitive, operationally simple, cost/time effective detection of the mycolactones from the human pathogen <i>Mycobacterium ulcerans</i> . <i>Chemical Communications</i> , 2010, 46, 1410.	4.1	38
114	Accelerated Detection of Mycolactone Production and Response to Antibiotic Treatment in a Mouse Model of <i>Mycobacterium ulcerans</i> Disease. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2618.	3.0	38
115	A Novel Example for Optical Resolution of Racemic Ketones Originating from Batrachotoxin Synthesis. <i>Journal of Organic Chemistry</i> , 1998, 63, 6100-6101.	3.2	37
116	Synthetic studies towards batrachotoxin 1. A furan-based intramolecular diels-alder route to construct the a-d ring system. <i>Tetrahedron Letters</i> , 1994, 35, 8333-8336.	1.4	36
117	Extension of the Eschenmoser sulfide contraction/iminoester cyclization method to the synthesis of tolyporphin chromophore. <i>Tetrahedron Letters</i> , 1997, 38, 6811-6814.	1.4	36
118	Preferred conformation of C-glycosides. 4. Importance of 1,3-diaxial-like interactions around the nonglycosidic bond: prediction and experimental proof. <i>Journal of Organic Chemistry</i> , 1988, 53, 4151-4153.	3.2	35
119	Relative and absolute stereochemistry of the fumonisin B2 backbone. <i>Tetrahedron Letters</i> , 1994, 35, 6819-6822.	1.4	35
120	Stereochemical Assignment of the C21-C38 Portion of the Desertomycin/Oasomycin Class of Natural Products by Using Universal NMR Databases: Prediction. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4279-4281.	13.8	35
121	Total synthesis of mycolactones A and B. <i>Tetrahedron</i> , 2007, 63, 5739-5753.	1.9	35
122	Attempts To Improve the Overall Stereoselectivity of the Ireland-Claisen Rearrangement. <i>Organic Letters</i> , 2009, 11, 409-412.	4.6	34
123	On Ni Catalysts for Catalytic, Asymmetric Ni/Cr-Mediated Coupling Reactions. <i>Journal of the American Chemical Society</i> , 2012, 134, 6136-6139.	13.7	34
124	The potencies of synthetic analogues of saxitoxin and the absolute stereoselectivity of decarbamoyl saxitoxin. <i>Toxicon</i> , 1995, 33, 723-737.	1.6	33
125	Investigations of the intramolecular Ni(II)/Cr(II)-mediated coupling reaction: Application to the taxane ring system. <i>Tetrahedron Letters</i> , 1993, 34, 6003-6006.	1.4	32
126	Synthesis of DNA Oligomers Possessing a Covalently Cross-Linked Watson-Crick Base Pair Model. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1471-1475.	13.8	32

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127	Case History. Annual Reports in Medicinal Chemistry, 2011, , 227-241.	0.9	32
128	One-Pot Ketone Synthesis with Alkylzinc Halides Prepared from Alkyl Halides via a Single Electron Transfer (SET) Process: New Extension of Fukuyama Ketone Synthesis. Journal of the American Chemical Society, 2016, 138, 7178-7186.	13.7	32
129	Biogenetic-type synthesis of penicillin-cephalosporin antibiotics. II. Oxidative cyclization route to .beta.-lactam thiazoline derivatives. Journal of the American Chemical Society, 1975, 97, 5010-5012.	13.7	31
130	Structure of the functional part of photoprotein aequorin. Journal of the Chemical Society Chemical Communications, 1986, , 1566.	2.0	31
131	Conformationally Rigid Tricyclic Tripods: Synthesis and Application to Preparation of Enterobactin Analogs. Journal of Organic Chemistry, 1994, 59, 7807-7814.	3.2	31
132	Toward the Creation of NMR Databases in Chiral Solvents for Assignments of Relative and Absolute Stereochemistry: Scope and Limitation. Organic Letters, 2001, 3, 2249-2252.	4.6	31
133	Toward the Creation of NMR Databases in Chiral Solvents for Assignments of Relative and Absolute Stereochemistry: Proof of Concept. Organic Letters, 2001, 3, 2245-2248.	4.6	31
134	Unified, Efficient, and Scalable Synthesis of Halichondrins: Zirconium/Nickel-Mediated One-Pot Ketone Synthesis as the Final Coupling Reaction. Angewandte Chemie - International Edition, 2017, 56, 10796-10800.	13.8	30
135	Practical asymmetric synthesis of aklavinone. Tetrahedron, 1984, 40, 4685-4691.	1.9	29
136	Preferred conformation of C-glycosides. 11. C-Sucrose: new practical synthesis, structural reassignment, and solid-state and solution conformation of its octaacetate. Journal of Organic Chemistry, 1993, 58, 304-306.	3.2	29
137	Suppression of Murine Endotoxin Response by E5531, a Novel Synthetic Lipid A Antagonist. Antimicrobial Agents and Chemotherapy, 1998, 42, 2824-2829.	3.2	29
138	Toward the Creation of NMR Databases in Chiral Solvents for Assignments of Relative and Absolute Stereochemistry: NMR Desymmetrization of Meso Compounds. Organic Letters, 2001, 3, 2253-2255.	4.6	29
139	Synthesis and Structure of Mycolactone E Isolated from Frog Mycobacterium. Organic Letters, 2008, 10, 5385-5388.	4.6	29
140	Simple, Rapid Mycobacterium ulcerans Disease Diagnosis from Clinical Samples by Fluorescence of Mycolactone on Thin Layer Chromatography. PLoS Neglected Tropical Diseases, 2015, 9, e0004247.	3.0	29
141	Total Synthesis and Stereochemistry of Cytoblastin. Journal of the American Chemical Society, 1996, 118, 8180-8181.	13.7	28
142	A landmark in drug discovery based on complex natural product synthesis. Scientific Reports, 2019, 9, 8656.	3.3	28
143	Cypridina bioluminescence II structural studies of luciferin by means of a high resolution mass spectrometer and an amino acid analyzer. Tetrahedron Letters, 1966, 7, 3437-3444.	1.4	27
144	Synthetic studies on palytoxin. Stereocontrolled, practical synthesis of the C.101-C.115 segment. Tetrahedron Letters, 1982, 23, 4415-4418.	1.4	27

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145	Preferred conformation of C-glycosides. 5. Experimental support for the conformational similarity between C- and O-disaccharides. <i>Journal of Organic Chemistry</i> , 1988, 53, 5580-5582.	3.2	27
146	Application of chiral bidentate NMR solvents for assignment of the absolute configuration of alcohols: scope and limitation. <i>Tetrahedron Letters</i> , 2003, 44, 7489-7491.	1.4	27
147	Synthetic Studies Towards Halichondrins: Synthesis of the Left Half of Halichondrins. <i>Tetrahedron Letters</i> , 1992, 33, 1553-1556.	1.4	26
148	Absolute configuration at the tricarballic acid moieties of fumonisin B2. <i>Tetrahedron Letters</i> , 1995, 36, 4579-4582.	1.4	26
149	Assignment of the relative and absolute configurations of acyclic secondary 1,2-diols. <i>Tetrahedron</i> , 2004, 60, 11977-11982.	1.9	26
150	Use of a Chiral Praseodymium Shift Reagent in Predicting the Complete Stereostructure of Glisoprenin A. <i>Organic Letters</i> , 2004, 6, 4719-4722.	4.6	25
151	Scalable and efficient synthesis of the mycolactone core. <i>Tetrahedron</i> , 2010, 66, 2263-2272.	1.9	25
152	Efficacy of Rifampin Plus Clofazimine in a Murine Model of Mycobacterium ulcerans Disease. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003823.	3.0	25
153	Extension of the Criegee Rearrangement: Synthesis of Enol Ethers from Secondary Allylic Hydroperoxides. <i>Journal of Organic Chemistry</i> , 1994, 59, 5125-5127.	3.2	24
154	Covalently Cross-Linked Watson-Crick Base Pair Models. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 928-931.	13.8	24
155	Stereochemical Assignment of the C21-C38 Portion of the Desertomycin/Oasomycin Class of Natural Products by Using Universal NMR Databases: Proof. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 4282-4284.	13.8	24
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