Kenji Mori

List of Publications by Year
in descending order

366 papers	7,217 citations	87888 38 h-index	149698 56 g-index
384 all docs	384 docs citations	384 times ranked	3663 citing authors

#	Article	IF	Citations
1	Synthesis of optically active pheromones. Tetrahedron, 1989, 45, 3233-3298.	1.9	355
2	Significance of chirality in pheromone science. Bioorganic and Medicinal Chemistry, 2007, 15, 7505-7523.	3.0	161
3	Colorimetric Determination of Inorganic Phosphorus in the Presence of Glucose-I-phosphate and Adenosine Triphosphate. Nature, 1958, 182, 1441-1441.	27.8	90
4	Syntheses of optically active pheromones with an epoxy ring, (+)-disparlure and both the enantiomers of (3z,6z)--9,10-epoxy-3,6-heneicosadiene. Tetrahedron, 1986, 42, 3471-3478.	1.9	84
5	Stereocontrolled synthesis of all of the possible stereoisomers of 3,11-dimethylnonacosan-2-one and 29-hydroxy-3,11-dimethylnonacosan-2-one. Tetrahedron, 1981, 37, 1329-1340.	1.9	83
6	Biochemical Methods in Enantioselective Synthesis of Bioactive Natural Products. Synlett, 1995, 1995, 1097-1109.	1.8	75
7	Synthesis of optically active forms of methyl (E)-2,4,5-tetradecatrienoate, the pheromone of the male dried bean beetle. Tetrahedron, 1981, 37, 1343-1347.	1.9	74
8	Synthesis and absolute stereochemistry of serricornin [(4S,6S,7S)-4,6-dimethyl-7-hydroxy-3-nonanone]. Tetrahedron, 1982, 38, 3705-3711.	1.9	71
9	Bioactive natural products and chirality. Chirality, 2011, 23, 449-462.	2.6	67
10	Synthesis of three stereoisomeric forms of 2,8-dimethyl-1,7-dioxaspiro[5.5]undecane, the main component of the cephalic secretion of andrena wilkella. Tetrahedron, 1981, 37, 3221-3225.	1.9	66
11	Organic Synthesis and Chemical Ecology. Accounts of Chemical Research, 2000, 33, 102-110.	15.6	65
12	Chirality and insect pheromones. Chirality, 1998, 10, 578-586.	2.6	63
13	Diastereoselective epoxidation of the double bond at C-4 of sphingosines to provide phytosphingosine relatives such as Î±-galactosylceramide KRN7000. Tetrahedron, 1998, 54, 3141-3150.	1.9	60
14	Synthesis of both the enantiomers of dihydroactinidiolide. a pheromone component of the red imported fire ant. Tetrahedron, 1986, 42, 283-290.	1.9	57
15	Synthesis of (+)-Strigol and (+)-Orobanchol, the Germination Stimulants, and Their Stereoisomers by Employing Lipase-Catalyzed Asymmetric Acetylationas the Key Step. European Journal of Organic Chemistry, 1999, 1999, 2211-2217.	2.4	56
16	Pheromone Synthesis; CXXXIX.1Enzymatic Preparation of (2S,3R)-4-Acetoxy-2,3-epoxybutan-1-ol and Its Conversion to the Epoxy Pheromones of the Gypsy Moth and the Ruby Tiger Moth. Synthesis, 1992, 1992, 1007-1012.	2.3	54
17	Synthesis of the propionates of (2r, 8r)- and (2s, 8r)-8-methyl-2-decanol, the pheromone of the western corn rootworm, employing chiral compounds of microbial origin as starting materials. Tetrahedron, 1984, 40, 299-303.	1.9	53
18	Deciphering the signature of cuticular lipids with contact sex pheromone function in a parasitic wasp. Journal of Experimental Biology, 2012, 215, 2471-2478.	1.7	53

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19	Synthesis of (2R,4R)-Supellapyrone, the Sex Pheromone of the Brownbanded Cockroach,Supella longipalpa, and Its Three Stereoisomers. European Journal of Organic Chemistry, 2001, 2001, 493-502.	2.4	51
20	Synthesis of (R)-ar-turmerone and its conversion to (R)-ar-himachalene, a pheromone component of the flea beetle: (R)-ar-himachalene is dextrorotatory in hexane, while levorotatory in chloroform. Tetrahedron: Asymmetry, 2005, 16, 685-692.	1.8	51
21	Synthesis of sphingosine relatives. Part 19.1 Synthesis of penaresidin A and B, azetidine alkaloids with actomyosin ATPase-activating properties. Journal of the Chemical Society Perkin Transactions 1, 1997, , 97-112.	0.9	50
22	Stereoselective synthesis of optically active disparlure, the pheromone of the gypsy moth (Porthetria) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.4	49
23	Biological Activities of the Analogs of the Aggregation Pheromone of Tribolium castaneum(Coleoptera : Tenebrionidae). Applied Entomology and Zoology, 1984, 19, 15-20.	1.2	49
24	Synthesis of the enantiomers of 1,7-dioxaspiro[5.5]undecane, 4-hydroxy-1,7-dioxaspirol[5.5]undecane and 3-hydroxy-1,7-dioxaspiroi[5.5]undecane. Tetrahedron, 1985, 41, 3663-3672.	1.9	49
25	Synthesis of (1,5)-karahana ether and (1,5)-karahana lactone, the optically active forms of unique monoterpenes wit. Tetrahedron, 1985, 41, 5487-5493.	1.9	48
26	Triterpenoid total synthesis, I. Synthesis of ambrein and AmbroxÂ®. Liebigs Annalen Der Chemie, 1990, 1990, 361-368.	0.8	48
27	RCAI-8, 9, 18, 19, and 49â€“52, conformationally restricted analogues of KRN7000 with an azetidine or a pyrrolidine ring: Their synthesis and bioactivity for mouse natural killer T cells to produce cytokines. Bioorganic and Medicinal Chemistry, 2008, 16, 950-964.	3.0	48
28	The neuropeptide tachykinin is essential for pheromone detection in a gustatory neural circuit. ELife, 2015, 4, e06914.	6.0	48
29	Synergistic effect of a pheromone and a kairomone on host selection and colonisation by Ips avulsus. Nature, 1976, 261, 696-697.	27.8	46
30	Synthesis and Absolute Configuration of (â^')-Phytocassane D, a Diterpene Phytoalexin Isolated from the Rice Plant,Oryza sativa. European Journal of Organic Chemistry, 2000, 2000, 4079-4091.	2.4	45
31	Absolute stereochemistry of penaresidins A and B. Tetrahedron Letters, 1996, 37, 6775-6776.	1.4	44
32	Evidence that (+)-endo-Brevicomin is a Male-Produced Component of the Southern Pine Beetle Aggregation Pheromone. Journal of Chemical Ecology, 2007, 33, 1510-1527.	1.8	44
33	Synthesis of (6s,1's)-(+)-hernandulcin, a sweetner, and its stereoisomers. Tetrahedron, 1986, 42, 5895-5900.	1.9	43
34	Preparative Bioorganic Chemistry, XI Preparation of the Enantiomers of Paraconic Acid Employing Lipaseâ€Mediated Asymmetric Hydrolysis of Prochiral Diacetates as the Key Step. Liebigs Annalen Der Chemie, 1989, 1989, 957-962.	0.8	43
35	Synthesis of the optically active forms of 4,10-dihydroxy-1,7-dioxaspiro[5.5]undecane and their conversion to the enantiomers of 1,7-dioxaspiro[5.5]undecane, the olive fly pheromone. Tetrahedron, 1985, 41, 2751-2758.	1.9	39
36	Synthesis of both the enantiomers of hauptmann's periplanone-A and clarification of the structure of Persoons's periplanone-A. Tetrahedron, 1990, 46, 8083-8092.	1.9	39

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37	Preparative Biorganic Chemistry Part 10 Asymmetric Reduction of Bicyclo[2.2.2]Octane-2,6-Diones with Baker's Yeast. Biocatalysis, 1990, 3, 25-36.	0.9	39
38	Molecular Asymmetry and Pheromone Science. Bioscience, Biotechnology and Biochemistry, 1996, 60, 1925-1932.	1.3	39
39	RCAI-56, a carbocyclic analogue of KRN7000: its synthesis and potent activity for natural killer (NK) T cells to preferentially produce interferon-Î³. Tetrahedron Letters, 2007, 48, 3343-3347.	1.4	39
40	RCAI-61, the 6â€²-O-methylated analog of KRN7000: its synthesis and potent bioactivity for mouse lymphocytes to produce interferon-Î³ in vivo. Tetrahedron Letters, 2008, 49, 6827-6830.	1.4	39
41	Induction of Th1-biased cytokine production by Â-carba-GalCer, a neoglycolipid ligand for NKT cells. International Immunology, 2010, 22, 319-328.	4.0	39
42	Determination of chirality in 5-hydroxy-4-methyl-3-heptanone, the aggregation pheromone ofSitophilus oryzae (L.) andS. zeamais Motschulsky. Journal of Chemical Ecology, 1987, 13, 2159-2169.	1.8	38
43	Synthesis of sphingosine relatives. Part 22. Synthesis of sulfobacin A, B and flavocristamide A, new sulfonolipids isolated from Chryseobacterium sp.. Journal of the Chemical Society Perkin Transactions 1, 1999, , 2467-2477.	0.9	38
44	Synthesis and Stereochemistry of the Four Himachalene-Type Sesquiterpenes Isolated from the Flea Beetle (Aphthona flava) as Pheromone Candidates. European Journal of Organic Chemistry, 2004, 2004, 1946-1952.	2.4	38
45	Field and laboratory response of Ips typographus to optically pure pheromonal components¹. Zeitschrift FÃ¼r Angewandte Entomologie, 1977, 83, 300-302.	0.0	38
46	Synthesis and biological activity of optically active forms of (E)-3, 7-dimethyl-2-octene-1, 8-dioic acid (callosobruchusic acid). Tetrahedron, 1983, 39, 2303-2306.	1.9	37
47	Synthesis and Absolute Configuration of 6-Hydroxylated New Ceramides in Human Skin, Ceramides B, 4, 7 and 8. European Journal of Organic Chemistry, 2005, 2005, 4789-4800.	2.4	37
48	Triterpenoid total synthesis. Part 2. Synthesis of glycinoeclepin A, a potent hatching stimulus for the soybean cyst nematode. Journal of the Chemical Society Perkin Transactions 1, 1991, , 2919.	0.9	36
49	Pheromone Synthesis, CXXXVII. A New Synthesis of (+)â€Grandisol. Liebigs Annalen Der Chemie, 1992, 1992, 489-493.	0.8	36
50	Carotenoids and Degraded Carotenoids, VIII â€“ Synthesis of (+)â€Dihydroactinidiolide, (+)â€•and (â^')â€Actinidiolide, (+)â€•and (â^')â€Loliolide as well as (+)â€•and (â^')â€Epiloliolide. Liebigs Annalen Der Chemie, 1993, 1993, 77-82.	0.8	36
51	Synthesis and biological activity of ester and ether analogues of Î±-galactosylceramide (KRN7000). Carbohydrate Research, 2010, 345, 1663-1684.	2.3	36
52	Receptor chirality and behavioral specificity of the boll weevil,Anthonomus grandis Boh. (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	35
53	Synthesis of the Four Stereoisomers of 6-Acetoxy-19-methylnonacosane, the Most Potent Component of the Female Sex Pheromone of the New World Screwworm Fly, with Special Emphasis on Partial Racemization in the Course of Catalytic Hydrogenation. European Journal of Organic Chemistry, 2004, 2004, 1089-1096.	2.4	35
54	The Synthesis of Insect Pheromones. Total Synthesis of Natural Products, 2007, , 1-183.	0.1	35

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55	Pheromone evolution and sexual behavior in<i>Drosophila</i>are shaped by male sensory exploitation of other males. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3056-3061.	7.1	35
56	Perception byTrogoderma species of chirality and methyl branching at a site far removed from a functional group in a pheromone component. Journal of Chemical Ecology, 1980, 6, 911-917.	1.8	34
57	Preparative bioorganic chemistry, XV. Preparation of optically pure 2,4,4â€•trimethylâ€•2â€•cyclohexenâ€•1â€•ol, a new and versatile chiral building block in terpene synthesis. Liebigs Annalen Der Chemie, 1991, 1991, 1053-1056.	0.8	34
58	Pheromone synthesis, CXXVI. Synthesis and biological activity of four stereoisomers of 6,10,14â€•trimethylâ€•2â€•pentadecanol, the femaleâ€•produced sex pheromone of rice moth (Corcyra) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	33
59	Determination of the Absolute Configuration at the Two Cyclopropane Moieties of Plakoside A, an Immunosuppressive Marine Galactosphingolipid. European Journal of Organic Chemistry, 2002, 2002, 3659-3665.	2.4	33
60	Synthesis of (1S,4R)-4-isopropyl-1-methyl-2-cyclohexen-1-ol, the aggregation pheromone of the ambrosia beetle Platypus quercivorus, its racemate, (1R,4R)- and (1S,4S)-isomers. Tetrahedron: Asymmetry, 2006, 17, 2133-2142.	1.8	33
61	Synthesis and Absolute Configuration of Zonarol. A Fungitoxic Hydroquinone from the Brown Seaweed Dictyoptfris Zonarioides⁽¹⁾. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 1986, 95, 771-781.	0.0	33
62	Synthetic microbial chemistry, XVI. Synthesis of patulolides A, B, and C, new macrolides isolated from <i>Penicillium urticae</i>. Liebigs Annalen Der Chemie, 1988, 1988, 13-17.	0.8	32
63	Antioxidative Activities of 4-Hydroxy-3(2H)-furanones and Their Anti-cataract Effect on Spontaneous Cataract Rat (ICR/f). Bioscience, Biotechnology and Biochemistry, 1998, 62, 1865-1869.	1.3	32
64	Pheromone Synthesis. Topics in Current Chemistry, 2004, 239, 1-50.	4.0	32
65	Pheromone synthesis. Part 253: Synthesis of the racemates and enantiomers of triglycerides of male Drosophila fruit flies with special emphasis on the preparation of enantiomerically pure 1-monoglycerides. Tetrahedron, 2012, 68, 8441-8449.	1.9	32
66	å¾®ç”Ÿç‰©ã‚’åˆ©ç”¨ã—ãŸ3-ãƒ’ãƒ‰ãƒã‚·ãƒ—ãƒãƒ³é…¸ã‚¨ã‚¹ãƒ†ãƒ«ã®ä¸¡é¡å¯¾ä½“ã®è¨ªè£½æ³•. Nippon Kagaku Kaishi / Chemical Socie 1983, 1315-1321.	0.1	30
67	A new synthesis of the four stereoisomers of 3,11-dimethyl-2-nonacosanone, the female-produced sex pheromone of the german cockroach. Tetrahedron, 1990, 46, 4473-4486.	1.9	30
68	Flight-mediated attraction ofBiprorulus bibax breddin (Hemiptera: Pentatomidae) to natural and synthetic aggregation pheromone. Journal of Chemical Ecology, 1994, 20, 71-80.	1.8	30
69	Behavioral Activity of Stereoisomers and a New Component of the Contact Sex Pheromone of Female German Cockroach, Blattella germanica. Journal of Chemical Ecology, 2004, 30, 1839-1848.	1.8	30
70	Pheromonal Activity of Compounds Identified from Male Phyllotreta cruciferae: Field Tests of Racemic Mixtures, Pure Enantiomers, and Combinations with Allyl Isothiocyanate. Journal of Chemical Ecology, 2005, 31, 2705-2720.	1.8	30
71	RCAI-17, 22, 24â€"26, 29, 31, 34â€"36, 38â€"40, and 88, the analogs of KRN7000 with a sulfonamide linkage: Their synthesis and bioactivity for mouse natural killer T cells to produce Th2-biased cytokines. Bioorganic and Medicinal Chemistry, 2008, 16, 8896-8906.	3.0	30
72	Sphingolipids and Glycosphingolipids â€" Their Synthesis and Bioactivities. Heterocycles, 2011, 83, 951.	0.7	30

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73	Pheromone synthesis, CV. Synthesis of lactone components of the pheromone of Anastrepha suspensa, suspensolide, and the enantiomers of anastrephin and epianastrephin. Liebigs Annalen Der Chemie, 1988, 1988, 167-174.	0.8	29
74	Both (4aS, 7S, 7aR)-(+)-nepetalactone and its antipode are powerful attractants for cats.. Agricultural and Biological Chemistry, 1988, 52, 2369-2371.	0.3	29
75	Synthesis of sphingosine relatives, XIV. A new synthesis of symbioramide, a Ca++-ATPase activator fromSymbiodinium sp.. Liebigs Annalen Der Chemie, 1994, 1994, 41-48.	0.8	29
76	Pheromone synthesis. Part 244: Synthesis of the racemate and enantiomers of (11Z,19Z)-CH503 (3-acetoxy-11,19-octacosadien-1-ol), a new sex pheromone of male Drosophila melanogaster to show its (S)-isomer and racemate as bioactive. Tetrahedron, 2010, 66, 7161-7168.	1.9	29
77	Anatomical localization and stereoisomeric composition of Tribolium castaneum aggregation pheromones. Die Naturwissenschaften, 2011, 98, 755-761.	1.6	29
78	Chemoenzymatic synthesis and HPLC analysis of the stereoisomers of miyakosyne A [(4E,24E)-14-methyloctacosa-4,24-diene-1,27-diyne-3,26-diol], a cytotoxic metabolite of a marine sponge Petrosia sp., to determine the absolute configuration of its major component as 3R,14R,26R. Tetrahedron, 2014, 70, 392-401.	1.9	29
79	Four-component synthetic sex pheromone of the smaller tea tortrix moth: field evaluation of its potency as an attractant for male moth. Japanese Journal of Applied Entomology and Zoology, 1980, 24, 221-228.	0.1	28
80	Synthetic microbial chemistry, XV. Synthesis of (2E,4R,5S,11R)â€(â˜)â€Cladospolide A, a Phytotoxic Macrolide from Cladosporium cladosporioides. Liebigs Annalen Der Chemie, 1987, 1987, 863-869.	0.8	28
81	Novel Ferroelectric Liquid Crystalline Î´-Valerolactone Derivatives with Very Large Spontaneous Polarization. Molecular Crystals and Liquid Crystals, 1991, 199, 119-127.	0.7	28
82	Pheromone synthesis, CLXX. A new synthesis of faranal [(3S,4R,6E,10Z)â€3,4,7,11â€tetramethylâ€6,10â€tridecadienal], the trail pheromone of the pharaoh's ant, Monomorium pharaonis. Liebigs Annalen, 1995, 1995, 2089-2092.	0.8	28
83	Pheromone Synthesis, XCVIII. Conversion of the Enantiomers of Sulcatol (6â€Methylâ€5â€heptenâ€2â€ol) to the Enantiomers of Pityol [transâ€2â€(1â€Hydroxyâ€1â€methylethyl)â€5â€methyltetrahydrofuran], a Maleâ€Specific Attractant of the Bark Beetle Pityophthorus pityographus. Liebigs Annalen Der Chemie, 1987, 1987, 271-272.	0.8	27
84	Synthesis of the Enantiomers of Some Methyl-branched Cuticular Hydrocarbons of the Ant, Diacamma sp.. Bioscience, Biotechnology and Biochemistry, 2001, 65, 305-314.	1.3	27
85	Useful Reactions in Modern Pheromone Synthesis. Current Organic Synthesis, 2004, 1, 11-29.	1.3	27
86	Synthesis of all the six components of the female-produced contact sex pheromone of the German cockroach, Blattella germanica (L.). Tetrahedron, 2008, 64, 4060-4071.	1.9	27
87	RCAI-37, 56, 59, 60, 92, 101, and 102, cyclitol and carbasugar analogs of KRN7000: Their synthesis and bioactivity for mouse lymphocytes to produce Th1-biased cytokines. Bioorganic and Medicinal Chemistry, 2009, 17, 6360-6373.	3.0	27
88	Pheromone synthesis. XII. Synthesis of optically pure (1S,4S,5S)-2-pinen-4-ol (cis-verbenol) and its antipode, the pheromone of Ips bark beetles.. Agricultural and Biological Chemistry, 1976, 40, 1611-1615.	0.3	26
89	Ethyl (S)-3-Hydroxybutanoate as a Starting Material for the Synthesis of (S)-(-)-Citronellol and other Chiral Alcohols. Synthesis, 1982, 1982, 752-753.	2.3	26
90	Synthesis of All the Stereoisomers of 7-Methylheptadecane and 7,11-Dimethylheptadecane, the Female Sex Pheromone Components of the Spring Hemlock Looper and the Pitch Pine Looper. European Journal of Organic Chemistry, 1999, 1999, 3139-3145.	2.4	26

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91	Pheromone synthesis. Part 243: Synthesis and biological evaluation of (3R,13R,1â€²S)-1â€²-ethyl-2â€²-methylpropyl 3,13-dimethylpentadecanoate, the major component of the sex pheromone of Paulownia bagworm, Clania variegata, and its stereoisomers. Tetrahedron, 2010, 66, 2642-2653.	1.9	26
92	Pheromone synthesis. X. Synthesis of optically pure (+)-trans-verbenol and its anitpode, the pheromone of Dendroctonus bark beetles.. Agricultural and Biological Chemistry, 1976, 40, 415-418.	0.3	26
93	Brassinolide and its analogues, VIII. Synthesis of 25â€methyldolichosterone, 25â€methylâ€2,3â€diepidolichosterone, 25â€methylcastasterone and 25â€methylbrassinolide. Liebigs Annalen Der Chemie, 1988, 1988, 815-818.	0.8	25
94	Pheromone synthesis, CXXIX. Synthesis of the (5S,9S)â€isomers of 5,9â€Dimethylheptadecane and 5,9â€dimethyloctadecane, the major and the minor components of the sex pheromone of Leucoptera malifoliella costa. Liebigs Annalen Der Chemie, 1991, 1991, 439-443.	0.8	25
95	Stereocontrolled synthesis of all of the four possible stereoisomers of 3,11-dimethyl-2-nonacosanone, the female sex pheromone of the german cockroach. Tetrahedron Letters, 1978, 19, 3447-3450.	1.4	24
96	Andrena wilkella male bees discriminate between enantiomers of cephalic secretion components. Journal of Chemical Ecology, 1990, 16, 429-441.	1.8	24
97	Synthetic microbial chemistry, XXIII. Synthesis of optically active virginiae butanolides A, B, C, and D and other autoregulators from streptomycetes. Liebigs Annalen Der Chemie, 1990, 1990, 31-37.	0.8	24
98	Pheromone Synthesis, CXL. Synthesis of Four Macrolide Pheromones to Define the Scope and Limitation of Enzymatic Macrolactonization. Liebigs Annalen Der Chemie, 1992, 1992, 1011-1017.	0.8	24
99	Pheromone Synthesis, CLVII. Synthesis of the Enantiomers of synâ€4â€Methylâ€5â€nonanol to Determine the Absolute Configuration of the Naturally Occurring (4S,5S) Isomer Isolated as the Maleâ€produced Pheromone Compound of Rhynchophorus vulneratus and Metamasius hemipterus. Liebigs Annalen Der Chemie, 1993, 1993, 1201-1204.	0.8	24
100	Synthesis of Diospyrin, a Potential Agent Against Leishmaniasis and Related Parasitic Protozoan Diseases. European Journal of Organic Chemistry, 2000, 2000, 1313-1317.	2.4	24
101	Synthesis and stereochemistry of ceramide B, (2S,3R,4E,6R)-N-(30-hydroxytriacontanoyl)-6-hydroxy-4-sphingenine, a new ceramide in human epidermis. Tetrahedron Letters, 2003, 44, 9197-9200.	1.4	24
102	Determination of the Absolute Configuration of (+)-Xestoaminol C [(2S, 3R)-2-Amino-3-tetradecanol], a Metabolite of Fiji Sponge,Xestospongiasp., by the Synthesis of Itsâ€¦. Bioscience, Biotechnology and Biochemistry, 2003, 67, 329-333.	1.3	24
103	The Synthesis of Insect Pheromones, 1979-1989. Total Synthesis of Natural Products, 2007, , 1-521.	0.1	24
104	Pheromone synthesis. Part 245: Synthesis and chromatographic analysis of the four stereoisomers of 4,8-dimethyldecanal, the male aggregation pheromone of the red flour beetle, Tribolium castaneum. Tetrahedron, 2011, 67, 201-209.	1.9	24
105	Absolute configuration of (-)-14-methyl-cis-8-hexadecen-1-OL and methyl (-)-14-methyl-cis-8-hexadecenoate, the sex attractant of female dermestid beetle, trogoderma inclusum le conte. Tetrahedron Letters, 1973, 14, 3869-3872.	1.4	23
106	Synthesis of (â€)â€Biopterin. Liebigs Annalen Der Chemie, 1989, 1989, 963-967.	0.8	23
107	Synthesis of all the stereoisomers of 6-methyl-2-octadecanone, 6,14-dimethyl-2-octadecanone, and 14-methyl-2-octadecanone, the components of the female-produced sex pheromone of a moth, Lyclene dharma dharma. Tetrahedron, 2009, 65, 2798-2805.	1.9	23
108	Pheromone synthesis. Part 240: Cross-metathesis with Grubbs I (but not Grubbs II) catalyst for the synthesis of (R)-trogodermal (14-methyl-8-hexadecenal) to study the optical rotatory powers of compounds with a terminal sec-butyl group. Tetrahedron, 2009, 65, 3900-3909.	1.9	23

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109	Elucidating Structure-Bioactivity Relationships of Methyl-Branched Alkanes in the Contact Sex Pheromone of the Parasitic Wasp Lariophagus distinguendus. Insects, 2013, 4, 743-760.	2.2	23
110	Synthesis of sphingosine relatives, VII. Synthesis of antiâ€ulcerogenic cerebrosides isolated from Tetragonia tetragonoides. Liebigs Annalen Der Chemie, 1988, 1988, 807-814.	0.8	22
111	Pheromone synthesis, CXXX. Synthesis of (4S,8S)â€•and (4S,8R)â€4,8â€dimethyldecanal, the stereoisomers of the aggregation pheromone of Tribolium castaneum. Liebigs Annalen Der Chemie, 1991, 1991, 497-500.	0.8	22
112	Synthesis of Sphingosine Relatives, XII Synthesis and Absolute Configuration of the Two Epimeric sp.. Liebigs Annalen Der Chemie, 1992, 1992, 131-137.	0.8	22
113	Pheromone Synthesis, CLVIII. New Synthesis and Revision of the Absolute Configuration of the Hemiacetal Pheromone of the Spined Citrus Bug Biprorulus bibax. Liebigs Annalen Der Chemie, 1993, 1993, 1287-1294.	0.8	22
114	The Absolute Configuration of Axinellamine A, a Pyrrole Alkaloid of the Marine SpongeAxinella sp., was Determined asR by Synthesizing Its (S)-Isomer. European Journal of Organic Chemistry, 2001, 2001, 503-506.	2.4	22
115	Synthesis and biological activity of hydroxylated analogues of KRN7000 (Î±-galactosylceramide). Carbohydrate Research, 2013, 370, 46-66.	2.3	22
116	Synthetic microbial chemistry, XVII. Synthesis of the complement inhibitor (â˜')â€Kâ€76 and of related compounds. Liebigs Annalen Der Chemie, 1988, 1988, 107-119.	0.8	21
117	Pheromone Synthesis, CXIII. Synthesis of the Enantiomers of (3Z,6Z)â€cisâ€9,10â€Epoxyâ€1,3,6â€henicosatriene and (3Z,6Z)â€cisâ€9,10â€Epoxyâ€1,3,6â€icosatriene, the New Pheromone Components of Hyphantria cunea. Liebigs Annalen Der Chemie, 1989, 1989, 453-457.	0.8	21
118	Pheromone Synthesis, CXVII Synthesis of Sitophilate, the Aggregation Pheromone of Sitophilus granarius L., and Its Antipode. Liebigs Annalen Der Chemie, 1989, 1989, 1263-1265.	0.8	21
119	A New Synthesis of (â€)â€Biopterin Employing 5â€Deoxyâ€<scp>L</scp>â€ribose as a Key Intermediate. Liebigs Annalen Der Chemie, 1989, 1989, 1267-1269.	0.8	21
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