

Christian Chapuis

List of Publications by Year in descending order

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66
papers

1,796
citations

361045

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276539

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68
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#	ARTICLE	IF	CITATIONS
1	Insights into EcoScent Compass [®] , a holistic tool to measure a fragrance's sustainability footprint, based on its intrinsic green properties and environmental impact. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2022, 33, 100583.	3.2	1
2	Regioselective Short Synthesis of Epiisoborneol Neopentyl Ether as Chiral Auxiliary: An Absolute Configuration Reset. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100142.	1.0	2
3	A Concise Synthesis of <i>rac</i> -Ambrox [®] via the Palladium(0)-Catalyzed Carboalkoxylation of an Allylic Ammonium Salt, as Compared to a Formaldehyde Hetero-Diels-Alder Approach. <i>Helvetica Chimica Acta</i> , 2019, 102, e1900097.	1.0	2
4	Diels-Alder Reaction of Cyclopenta-1,3-diene and Anthracene to bis-Fumarates Derived from Menthol Analogues. <i>ChemistrySelect</i> , 2019, 4, 2288-2292.	0.7	1
5	Syntheses of Methyl Jasmonate and Analogues. <i>Chimia</i> , 2019, 73, 194.	0.3	7
6	Meet & Greet 2018 of the Alfred Werner Scholars. <i>Chimia</i> , 2018, 72, 553.	0.3	0
7	A One Pot Synthesis of Dehydrohedione (<i>scp</i> -DHH) from a Hedione [®] Precursor. <i>Helvetica Chimica Acta</i> , 2018, 101, e1800063.	1.0	3
8	Grignard 1,4-Additions to <i>para</i> -Substituted (2 <i>R</i>)-Cinnamoylbornane-10,2-sultam Derivatives: Revised Configuration for the N,O-Acetyl Keteneacetal Formation in the Presence of Cu(I). <i>Helvetica Chimica Acta</i> , 2016, 99, 573-582.	1.0	2
9	Route Scouting towards a Methyl Jasmonate Precursor. <i>Helvetica Chimica Acta</i> , 2016, 99, 95-109.	1.0	5
10	endo/exo Stereoselectivity in Diels-Alder Reactions of <i>endo</i> -Dialkylated Conjugated Enals to Cyclic 1,3-Dienes: Intermediates in the Synthesis of (<i>endo</i>)-Santalol and Its Analogs. <i>Chemistry and Biodiversity</i> , 2014, 11, 1470-1516.	1.0	6
11	Enantioselective Access to (<i>endo</i>)-Ambrox [®] Starting from (<i>endo</i>)-Farnesene. <i>Helvetica Chimica Acta</i> , 2014, 97, 197-214.	1.0	12
12	Diastereoselective 1,3-dipolar cycloadditions of both electronically modified phenyl-nitrile oxides and stilbenes. <i>RSC Advances</i> , 2013, 3, 23105.	1.7	3
13	Further Explorations into the Synthesis of Dehydrohedione [®] . <i>Helvetica Chimica Acta</i> , 2013, 96, 246-258.	1.0	7
14	Influence of norbornanone substituents on both the Wagner-Meerwein skeletal rearrangements under sulfonation conditions and the diastereoselectivity of the corresponding N,N-bis-fumaroyl sultams in uncatalyzed Diels-Alder cycloadditions to cyclopenta-1,3-diene. <i>Tetrahedron Letters</i> , 2013, 54, 4247-4249.	0.7	6
15	The Jubilee of Methyl Jasmonate and Hedione [®] . <i>Helvetica Chimica Acta</i> , 2012, 95, 1479-1511.	1.0	21
16	Exaltone [®] (=Cyclopentadecanone) from Isomuscone [®] (=Cyclohexadecanone), a One-Atom Ring Contraction Methodology via a Stereospecific Favorskii Rearrangement: Regioselective Application to (<i>endo</i>)-Muscone. <i>Helvetica Chimica Acta</i> , 2012, 95, 428-447.	1.0	9
17	Diastereoselective Alkyl Grignard 1,4-Additions to <i>para</i> -Substituted (2 <i>R</i>)-Cinnamoylbornane-10,2-sultam Derivatives: Influence of N-Atom Pyramidalization. <i>Helvetica Chimica Acta</i> , 2011, 94, 2141-2167.	1.0	7
18	Total synthesis of (5 <i>S</i>)-dihydroyashabushiketol. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 787-790.	1.8	7

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19	Alternative Synthesis of 2-Hydroxy-3,5-trimethylcyclopent-1-ene. <i>Helvetica Chimica Acta</i> , 2010, 93, 111-117.	1.0	2
20	1,3-Dipolar Cycloadditions of a 2-Oxoethanenitrile Oxide Derived from (2 <i>R</i>)-Bornane-10,2-sultam to Electronically Modified 4,4-Disubstituted Stilbenes. <i>Helvetica Chimica Acta</i> , 2009, 92, 1056-1069.	1.0	10
21	Synthesis of Deuterium-Labeled Perfume Ingredients as Internal Standards for Their GC/MS Quantification. <i>Helvetica Chimica Acta</i> , 2009, 92, 1782-1799.	1.0	8
22	Revisited conformational analysis of perhydro-3a,6a,9a-triazaphenalene based on Raman analysis. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 282-288.	0.9	4
23	X-Ray Structure Analyses of <i>syn</i> / <i>anti</i> -Conformers of <i>N</i> -Furfuroyl-, <i>N</i> -Benzoyl-, and <i>N</i> -Picolinoyl-Substituted (2 <i>R</i>)-Bornane-10,2-sultam Derivatives. <i>Helvetica Chimica Acta</i> , 2008, 91, 1409-1418.	1.0	5
24	Diastereoselective 1,3-Dipolar Cycloadditions of Chiral Derivatives of 2-Oxoethanenitrile Oxide to Noncyclic Conjugated Symmetrical Alkenes. <i>Helvetica Chimica Acta</i> , 2007, 90, 2116-2131.	1.0	14
25	Asymmetric 1,3-dipolar cycloadditions of chiral carboxyloyl nitrile oxides to cycloalkenes. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 865-872.	1.8	16
26	Influence of Lewis acids on the [4+2] cycloaddition of (2 <i>R</i> ,2 <i>R</i>)- <i>N</i> , <i>N</i> '-fumaroylbis[fenchane-8,2-sultam] to cyclopentadiene and cyclohexadiene. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 822-828.	1.8	11
27	An Expedient Synthesis of Methyl Jasmonate. <i>Helvetica Chimica Acta</i> , 2006, 89, 1258-1264.	1.0	4
28	Synthesis and [4+2] Cycloaddition of (2 <i>R</i> ,2 <i>R</i>)- <i>N</i> , <i>N</i> '-Fumaroylbis[fenchane-8,2-sultam] (= (2 <i>E</i>)-1,4-Bis[(3 <i>aS</i> ,6 <i>S</i> ,7 <i>aR</i>)-1,4,5,6,7,7a-hexahydro-7,7-dimethyl-2,2-dioxido-3 <i>H</i> -3 <i>a</i> ,6-methano-2,1-benzothiazol-1-yl]but-2-en-1,4-dione) to Cyclopentadiene. <i>Helvetica Chimica Acta</i> , 2005, 88, 2441-2453.	1.0	11
29	Synthesis of <i>cis</i> -Hedione [®] and Methyl Jasmonate via Cascade Baylis-Hillman Reaction and Claisen Ortho Ester Rearrangement. <i>Helvetica Chimica Acta</i> , 2005, 88, 3069-3088.	1.0	34
30	In the Quest for a Virtual Pseudo Receptor for Sandalwood-Like Odorants. Part I. <i>Chemistry and Biodiversity</i> , 2004, 1, 980-1021.	1.0	14
31	Comparative Infrared, Raman, and Natural-Bond-Orbital Analyses of King's Sultam. <i>Helvetica Chimica Acta</i> , 2004, 87, 1748-1766.	1.0	6
32	Influence of solvent polarity on the stereoselectivity of the uncatalyzed [4+2] cycloaddition of cyclopentadiene to an <i>N</i> , <i>N</i> '-fumaroyl bis-(six-membered ring [(2 <i>R</i>)-10 <i>a</i> -homobornane-10 <i>a</i> ,2-sultam]). <i>Journal of Physical Organic Chemistry</i> , 2003, 16, 700-708.	0.9	11
33	Synthesis of a Six-Membered-Ring (2 <i>R</i>)-10 <i>a</i> -Homobornane-10 <i>a</i> ,2-sultam and Structural Comparison with Oppolzer's, Lang's, and King's Sultams. <i>Helvetica Chimica Acta</i> , 2002, 85, 1973.	1.0	16
34	Diastereoselectivity in the hetero [4+2] cycloaddition of cyclopentadiene to <i>N</i> -benzyliminoacetyl derivatives of (2 <i>R</i>)-bornane-10,2-sultam and other chiral secondary alcohols. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1939-1945.	1.8	12
35	Catalysis in the preparation of fragrances and flavours. <i>Applied Catalysis A: General</i> , 2001, 221, 93-117.	2.2	153
36	Asymmetric induction in the [4+2] cycloaddition of cyclopentadiene and furan to chiral derivatives of fumaric acid. <i>Chirality</i> , 2001, 13, 631-633.	1.3	7

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37	Synthesis of Citronellal by RhI-Catalysed Asymmetric Isomerization of N,N-Diethyl-Substituted Geranyl- and Nerylamines or Geraniol and Nerol in the Presence of Chiral Diphosphino Ligands, under Homogeneous and Supported Conditions. <i>Helvetica Chimica Acta</i> , 2001, 84, 230-242.	1.0	80
38	Stereoselectivity in the Cycloaddition of Cyclopentadiene to N-Fumaroyl-[2R,S(R)]-Bornane-10,2-sulfonamide Monomethyl Ester. <i>Helvetica Chimica Acta</i> , 2001, 84, 579-588.	1.0	11
39	Asymmetric syn-dihydroxylation of $\hat{1}^3$ -substituted (2R)-N-($\hat{1}^2, \hat{1}^3$ -enoyl)bornane-10,2-sultams. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 1027-1041.	1.8	9
40	A comparison of two effective chiral auxiliaries (2R)-bornane-10,2-sultam and (2R)-bornane-10,2-cyclohydrazide using the [4+2] cycloaddition of cyclopentadiene to their N,N-fumaroyl derivatives. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 4581-4591.	1.8	11
41	Stereoselectivity in the TiCl ₄ -Catalyzed [4+2] Cycloaddition of Cyclopentadiene to (2R)-Bornane-10,2-sultam Derivatives of Fumaric Acid Monoesters. <i>Helvetica Chimica Acta</i> , 1999, 82, 182-190.	1.0	9
42	Preparation and Absolute Configuration of (?)-(E)-?-trans-Bergamotenone. <i>Helvetica Chimica Acta</i> , 1998, 81, 153-162.	1.0	19
43	Influence of Lewis Acids on the [4 + 2] Cycloaddition of N,N-Fumaroylbis[(2R)-bornane-10,2-sultam] to Cyclopentadiene and application to various dienes. <i>Helvetica Chimica Acta</i> , 1998, 81, 324-329.	1.0	19
44	Asymmetric syn-Dihydroxylation of $\hat{1}^2$ -Substituted (2R)-N-($\hat{1}^2, \hat{1}^2$ -Enoyl)bornane-10,2-sultams. <i>Helvetica Chimica Acta</i> , 1998, 81, 1264-1277.	1.0	21
45	Asymmetric Hetero-Diels-Alder Addition of 1-Methoxybuta-1,3-diene to (2R)-N-Pyruvoyl- and (2R)-N-(Phenylglyoxyloyl)bornane-10,2-sultam. <i>Helvetica Chimica Acta</i> , 1998, 81, 1672-1680.	1.0	9
46	Influence of the Solvent Polarity on the Stereoselectivity of the Uncatalyzed [4+2] Cycloaddition of Cyclopentadiene to N,N-fumaroyldi[(2R)-bornane-10,2-sultam]. <i>Helvetica Chimica Acta</i> , 1998, 81, 2314-2325.	1.0	31
47	Origin of diastereoselectivity in the thermal [4+2] cycloadditions of dienophiles derived from Oppolzer's sultams: Steric vs. Stereoelectronic Influences. <i>Helvetica Chimica Acta</i> , 1997, 80, 146-172.	1.0	30
48	X-Ray Structure Analyses of Alkyl-Substituted N-Acryloyl- and N-Crotonoyl toluenesultams. <i>Helvetica Chimica Acta</i> , 1997, 80, 1607-1612.	1.0	5
49	Efficient synthesis of N-glyoxyloyl-(2R)-bornane-10,2-sultam. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1385-1390.	1.8	27
50	Stereochemical course of the [4+2] cycloaddition of 1-methoxybuta-1,3-diene to N-glyoxyloyl-(2R)-bornane-10,2-sultam. The formal synthesis of compactin and mevinolin. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1391-1404.	1.8	47
51	Efficient Preparation and X-Ray Structure Analyses of (2R)-N-pyruvoyl- and (2R)-N-(phenylglyoxyloyl)bornane-10,2-sultam. <i>Helvetica Chimica Acta</i> , 1996, 79, 1059-1066.	1.0	14
52	Preparation of optically active cyclohexenones: Chirons for the lipophilic moiety of flowery- and woody-like odorant ketones. <i>Helvetica Chimica Acta</i> , 1993, 76, 535-544.	1.0	13
53	Preparation of optically active flowery and woody-like odorant ketones via Corey-Chaykovsky oxiranylation: Irones and analogues. <i>Helvetica Chimica Acta</i> , 1993, 76, 2070-2088.	1.0	31
54	A simple stereoselective synthesis of α -Galbanolene, (3E, 5Z)-1,3,5-undecatriene. <i>Tetrahedron Letters</i> , 1992, 33, 2461-2464.	0.7	9

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55	Preparation of Campholenal Analogues: Chirons for the lipophilic moiety of sandalwood-like odorant alcohols. <i>Helvetica Chimica Acta</i> , 1992, 75, 1527-1546.	1.0	55
56	Diastereoselective synthesis of the lactone portion of compactin and mevinolin. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 1178.	2.0	22
57	Asymmetric Diels-Alder Reaction of 1-Methoxybuta-1,3-diene with (2R)-N-Glyoxyloylbornane-10,2-sultam. <i>Helvetica Chimica Acta</i> , 1989, 72, 482-486.	1.0	50
58	Asymmetric Diels-Alder Reactions of Cyclopentadiene with N-Crotonoyl- and N-Acryloyl-4,4-Dimethyl-1,3-Oxazolidin-2-one, Mediated by Chiral Lewis Acids. <i>Helvetica Chimica Acta</i> , 1987, 70, 436-440.	1.0	103
59	Asymmetric Diels-Alder Reactions of Neopentyl-Ether-Shielded Acrylates and Allenic Esters: Syntheses of (?)-Norborenone and (?)-?-Santalene. <i>Helvetica Chimica Acta</i> , 1985, 68, 2100-2114.	1.0	86
60	Camphor-Derived N-Acryloyl and N-Crotonoyl Sultams: Practical Activated Dienophiles in Asymmetric Diels-Alder Reactions. Preliminary Communication. <i>Helvetica Chimica Acta</i> , 1984, 67, 1397-1401.	1.0	244
61	Asymmetric diels-alder reactions : facile preparation and structure of sulfonamido-isobornyl acrylates. <i>Tetrahedron Letters</i> , 1984, 25, 5885-5888.	0.7	89
62	Asymmetric diels-alder reactions of acrylates derived from 3-alkyl-borneols and -isoborneols. <i>Tetrahedron Letters</i> , 1984, 25, 5383-5386.	0.7	21
63	Asymmetric diels-alder reaction of a chiral allenic ester : enantioselective synthesis of ($\hat{\alpha}$)- $\hat{\beta}$ -santalene. <i>Tetrahedron Letters</i> , 1983, 24, 4665-4668.	0.7	51
64	Practical Asymmetric Diels-Alder Additions to Camphor-10-sulfonic-Acid-Derived Acrylates. Preliminary Communication. <i>Helvetica Chimica Acta</i> , 1983, 66, 2358-2361.	1.0	26
65	High asymmetric induction in diels-alder additions of cyclopentadiene to acrylates derived from isoborneol. <i>Tetrahedron Letters</i> , 1982, 23, 4781-4784.	0.7	95
66	Asymmetric induction in Diels-Alder reactions to acrylates derived from chiral sec-alcohols. Preliminary communication. <i>Helvetica Chimica Acta</i> , 1981, 64, 2802-2807.	1.0	120