Martin Hiersemann

List of Publications by Year
in descending order

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75 papers	1,557 citations	236925 25 h-index	330143 37 g-index
96 all docs	96 docs citations	96 times ranked	1075 citing authors

#	Article	IF	Citations
1	The Catalytic Enantioselective Claisen Rearrangement of an Allyl Vinyl Ether. Angewandte Chemie - International Edition, 2001, 40, 4700-4703.	13.8	124
2	Catalysis of the Claisen Rearrangement of Aliphatic Allyl Vinyl Ethers. European Journal of Organic Chemistry, 2002, 2002, 1461-1471.	2.4	118
3	The Catalytic Diastereo- and Enantioselective Claisen Rearrangement of 2-Alkoxycarbonyl-Substituted Allyl Vinyl Ether. Advanced Synthesis and Catalysis, 2004, 346, 1281-1294.	4.3	65
4	Organocatalytic Claisen Rearrangement:â€‰ Theory and Experiment. Journal of Organic Chemistry, 2007, 72, 4001-4011.	3.2	65
5	Claisen Rearrangement of Aliphatic Allyl Vinyl Ethers from 1912 to 2012: 100 Years of Electrophilic Catalysis. Synthesis, 2013, 45, 1121-1159.	2.3	61
6	Highly enantioselective catalytic asymmetric Claisen rearrangement of 2-alkoxycarbonyl-substituted allyl vinyl ethers. Tetrahedron Letters, 2004, 45, 3647-3650.	1.4	57
7	Catalytic Asymmetric Claisen Rearrangement in Natural Product Synthesis:â€‰ Synthetic Studies toward (â^')-Xeniolide F. Organic Letters, 2005, 7, 5705-5708.	4.6	54
8	Total Synthesis of Jatrophane Diterpenes from Euphorbia characias. Organic Letters, 2009, 11, 2555-2558.	4.6	54
9	Total Synthesis of Natural and Non-Natural Î”^{5,6}Î”^{12,13}-Jatrophane Diterpenes and Their Evaluation as MDR Modulators. Journal of Organic Chemistry, 2011, 76, 512-522.	3.2	49
10	Synthesis of the Norjatrophane Diterpene (â^')-15-Acetyl-3-propionyl- 17-norcharaciol. Organic Letters, 2006, 8, 1573-1576.	4.6	45
11	The Cu(OTf)2- and Yb(OTf)3-Catalyzed Claisen Rearrangement of 2-Alkoxycarbonyl-Substituted Allyl Vinyl Ethers. Organic Letters, 2001, 3, 49-52.	4.6	42
12	Enantioselective Synthesis of the C8â^'C20 Segment of Curvicollide C. Organic Letters, 2007, 9, 4979-4982.	4.6	39
13	Gosteliâ^'Claisen Rearrangement: Substrate Synthesis, Simple Diastereoselectivity, and Kinetic Studies. Journal of Organic Chemistry, 2009, 74, 1531-1540.	3.2	39
14	Synthetic Studies toward Jatrophane Diterpenes from Euphorbia characias. Enantioselective Synthesis of (â^')-15-O-Acetyl-3-O-propionyl-17-norcharaciol. Journal of Organic Chemistry, 2009, 74, 1698-1708.	3.2	39
15	Integration of Catalysis and Analysis is the Key: Rapid and Precise Investigation of the Catalytic Asymmetric Gosteliâ€“Claisen Rearrangement. Journal of the American Chemical Society, 2011, 133, 16444-16450.	13.7	38
16	Gosteliâ^'Claisen Rearrangement of Propargyl Vinyl Ethers: Cascading Molecular Rearrangements. Organic Letters, 2011, 13, 2122-2125.	4.6	37
17	{1,6}-Transannular Catalytic Asymmetric Gosteliâ€“Claisen Rearrangement. Organic Letters, 2012, 14, 4114-4117.	4.6	34
18	(â^')-Lytophilippine A: Synthesis of a C1â^'C18 Building Block. Organic Letters, 2010, 12, 5258-5261.	4.6	33

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19	Development of an Alkyne Analogue of the deâ€…Mayo Reaction: Synthesis of Mediumâ€Sized Carbacycles and Cyclohepta[b]indoles. Angewandte Chemie - International Edition, 2018, 57, 15553-15557.	13.8	31
20	Recent Progress in the Total Synthesis of Dolabellane and Dolastane Diterpenes. Topics in Current Chemistry, 0, , 73-136.	4.0	30
21	Gosteliâ^'Claisen Rearrangement: DFT Study of Substituentâ^'Rate Effects. Journal of Organic Chemistry, 2009, 74, 4336-4342.	3.2	30
22	Synthesis of Î±-Allyloxy-Substituted Î±,Î²-Unsaturated Esters via Aldol Condensation. Convenient Access of Highly Substituted Allyl Vinyl Ethers. Synthesis, 2000, 2000, 1279-1290.	2.3	29
23	Ester Dienolate [2,3]-Wittig Rearrangement in Natural Product Synthesis:Â Diastereoselective Total Synthesis of the Triester of Viridiofungin A, A2, and A4. Journal of Organic Chemistry, 2005, 70, 5579-5591.	3.2	29
24	Synthesis and Lewis acid catalyzed Claisen rearrangement of 2-(1,3-oxazolin-2-yl)-substituted allyl vinyl ethers. Tetrahedron, 2003, 59, 4031-4038.	1.9	27
25	Intramolecular 1,3-dipolar cycloaddition as a tool for the preparation of azaspirocyclic keto aziridines. Synthesis of intermediates for the total synthesis of (Â±)-cephalotaxine. Tetrahedron Letters, 1997, 38, 4347-4350.	1.4	26
26	The Pd(II)-Catalyzed and the Thermal Claisen Rearrangement of 2-Alkoxycarbonyl-Substituted Allyl Vinyl Ethers. Synlett, 1999, 1999, 1823-1825.	1.8	21
27	Total Synthesis of (â^')-Ecklonialactone B. Organic Letters, 2013, 15, 5982-5985.	4.6	21
28	Enantioselective synthesis of the C-14 to C-5 cyclopentane segment of jatrophane diterpenes. Tetrahedron Letters, 2004, 45, 289-292.	1.4	20
29	Catalytic Asymmetric Claisen Rearrangement of Gosteli-Type Allyl Vinyl Ethers: Total Synthesis of (â^')-9,10-Dihydroecklonialactone B. Journal of Organic Chemistry, 2014, 79, 3040-3051.	3.2	20
30	Sequencing Pericyclic Reactions: The Ester Dienolate [2,3]-Wittig/Oxy-Cope Rearrangement/Carbonyl Ene Reaction, a New Access to Substituted Carbocycles. European Journal of Organic Chemistry, 2001, 2001, 483-491.	2.4	19
31	Progress toward the Total Synthesis of Gukulenin A: Photochemically Triggered Two-Carbon Ring Expansion Key to Î±-Tropolonic Ether Synthesis. Organic Letters, 2018, 20, 4072-4076.	4.6	18
32	An Update on Cyclohepta[b]indoles. European Journal of Organic Chemistry, 2021, 2021, 3748-3758.	2.4	18
33	The Ester Dienolate [2,3]-WittigRearrangement - Development, Opportunities, andLimitations. Synlett, 2003, 2003, 1088-1095.	1.8	16
34	The ester dienolate [2,3]-Wittig rearrangement. Diastereoselective synthesis of 2,3-dialkenyl-substituted 2-hydroxy-Î³-lactones. Tetrahedron, 1999, 55, 2625-2638.	1.9	14
35	Chiral Acetals as Stereoinductors:Â Diastereoface Selective Alkylation of Dihydrobenzoxazine-Derived Amide Enolates. Journal of Organic Chemistry, 2000, 65, 6540-6546.	3.2	14
36	Total synthesis of (3S,4S,2â€²S)- and (3R,4R,2â€²S)-viridiofungin A triester. Tetrahedron Letters, 2004, 45, 6915-6918.	1.4	14

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37	Photochemical Approach to the Cyclohepta[b]indole Scaffold by Annulative Twoâ€Carbon Ringâ€Expansion. Chemistry - A European Journal, 2020, 26, 11974-11978.	3.3	14
38	Cyclopentanoids by Uncatalyzed Intramolecular Carbonyl Ene (ICE) Reaction of Î±-Keto Esters. Organic Letters, 2014, 16, 4062-4065.	4.6	13
39	Palladium(II)-Catalyzed Cycloisomerization of Functionalized 1,5-Hexadienes. Organic Letters, 2011, 13, 4438-4441.	4.6	12
40	The Dienolate [2,3]-Wittig Rearrangement â€“ Diastereoselective Synthesis of Highly Functionalized Tertiary Alcohols. European Journal of Organic Chemistry, 1999, 1999, 2713-2724.	2.4	11
41	Total Synthesis and Structural Assignment of Curvicollide C. Organic Letters, 2017, 19, 4391-4394.	4.6	11
42	Development of an Alkyne Analogue of the deâ€...Mayo Reaction: Synthesis of Mediumâ€Sized Carbacycles and Cyclohepta[b]indoles. Angewandte Chemie, 2018, 130, 15779-15783.	2.0	10
43	Synthesis of a Diastereomer of the Marine Macrolide Lytophilippine A. Organic Letters, 2019, 21, 2421-2425.	4.6	10
44	Palladium(II)-Catalyzed Cycloisomerization of Substituted 1,5-Hexadienes: A Combined Experimental and Computational Study on an Open and an Interrupted Hydropalladation/Carbopalladation/Î²-Hydride Elimination (HCHe) Catalytic Cycle. Journal of Organic Chemistry, 2012, 77, 4980-4995.	3.2	7
45	Advances and Setbacks in the Total Synthesis of the Fungal Metabolite Curvicollide C: Synthesis and Elaboration of Non-Aldol Stereotriads from Gosteli-Type Allyl Vinyl Ethers. Synthesis, 2016, 48, 2466-2482.	2.3	7
46	Synthesis of Homoverrucosanoid-Derived Esters and Evaluation as MDR Modulators. Journal of Organic Chemistry, 2017, 82, 10504-10522.	3.2	7
47	Synthesis of a Common Cyclopentanoid Building Block for the Total Synthesis of Jatropha-5,12- and -6(17),11-dienes by Uncatalyzed Intramolecular CarbonylÂ-Ene (ICE) Reaction. Synthesis, 2014, 46, 3110-3120.	2.3	5
48	Synthesis of the Cyclohepta[e]hydrindane Core of the Marine Homoverrucosane Diterpenoid Gagunin E. Organic Letters, 2017, 19, 814-817.	4.6	5
49	Toward a Synthetic Access to Jatropha-5,12-dienes by Ring-Closing Metathesis: Detours and Dead-Ends. Synthesis, 2015, 47, 1922-1936.	2.3	4
50	Substituted cis-Hydrindan-4-ones by Sequential Cycloadditions. Synthesis, 2015, 47, 3489-3504.	2.3	3
51	Total Synthesis and Structural Assignment of (â˜)â€Fusaequisin A. Chemistry - A European Journal, 2022, 28, .	3.3	3
52	The Catalytic Asymmetric Claisen Rearrangement (CAC) in Natural Product Synthesis: Synthetic Studies Toward (-)-Ecklonialactone B. Synlett, 2007, 2007, 1683-1686.	1.8	2
53	Crystal structure of (E)-Nâ€²-{[(1R,3R)-3-isopropyl-1-methyl-2-oxocyclopentyl]methylidene}-4-methylbenzenesulfonohydrazide. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o99-o100.	0.5	2
54	Crystal structure ofNâ€²-[(E)-(1S,3R)-(3-isopropyl-1-methyl-2-oxocyclopentyl)methylidene]-4-methylbenzenesulfonohydrazide. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o904-o905.	0.5	2

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55	(Â±)-syn-Isopropyl 4-(1,1,1,3,3,3-hexafluoropropan-2-yloxy)-1-hydroxy-3-methyl-2-(prop-1-ynyl)cyclopent-2-enecarboxylate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1660-o1660.	0.2	1
56	Crystal structure ofrac-(3aR,4S,5aR,6S,9R,10aS,10bR)-3a,5a,9-trimethyltetradecahydro-6,9-epoxy monohydrate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o690-o691.	0.5	1
57	(4S,5S,6R,E)-3,5-Dimethyl-6-vinylhept-2-ene-1,4,7-triol. IUCrData, 2016, 1, .	0.3	1
58	(3S,4S,5S)-4-Hydroxy-3-methyl-5-[(2S,3R)-3-methylpent-4-en-2-yl]-4,5-dihydrofuran-2(3H)-one Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1835-o1835.	0.2	1
59	Crystal structure of 4-(4-methoxyphenoxy)benzaldehyde. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o1021-o1021.	0.5	1
60	The Ester Dienolate [2,3]-Wittig Rearrangement â€" Development, Opportunities, and Limitations.. ChemInform, 2003, 34, no.	0.0	0
61	Highly Enantioselective Catalytic Asymmetric Claisen Rearrangement of 2-Alkoxycarbonyl-Substituted Allyl Vinyl Ethers.. ChemInform, 2004, 35, no.	0.0	0
62	Recent Progress in the Total Synthesis of Dolabellane and Dolastane Diterpenes. ChemInform, 2005, 36, no.	0.0	0
63	Rearrangement Reactions. , 2006, , 117-142.		0
64	The Catalytic Asymmetric Claisen Rearrangement (CAC) in Natural Product Synthesis: Synthetic Studies toward Curvicollides A-C. Synlett, 2006, 2006, 0121-0123.	1.8	0
65	A Stereodivergent Enantioselective Approach to the C5-C8 Segment of Berkelic Acid. Synlett, 2009, 2009, 2133-2136.	1.8	0
66	(2SR,3SR)-Isopropyl 3-{[dimethyl(phenyl)silyl]methyl}-2-hydroxy-2-vinylpent-4-enoate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3102-o3102.	0.2	0
67	{2,2-Bis[(4S)-4-isopropyl-4,5-dihydro-1,3-oxazol-2-yl]propane}bis(N,N-dimethylformamide)copper(II) bis[hexafluoridoantimonate(V)]. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1688-m1688.	0.2	0
68	1-Phenyl-5-{[2-(trimethylsilyl)ethyl]sulfonyl}-1H-tetrazole. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2369-o2369.	0.2	0
69	(4R)-4-Benzyl-3-{(4S)-4-chloro-4-[(S)-2,2-dimethyl-1,3-dioxolan-4-yl]butanoyl}-1,3-oxazolidin-2-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o169-o169.	0.2	0
70	Triphenyl(prop-2-yn-1-yl)silane. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o452-o452.	0.2	0
71	(2R,4S,5S)-5-Methoxy-4-methyl-3-oxohept-6-en-2-yl benzoate. IUCrData, 2021, 6, .	0.3	0
72	(3R,4S,5S)-4-Hydroxy-3-methyl-5-[(2S,3R)-3-methylpent-4-en-2-yl]tetrahydrofuran-2-one. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1517-o1517.	0.2	0

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73	(3S,4S,5R)-4-Hydroxy-3-methyl-5-[(2S,3R)-3-methylpent-4-en-2-yl]-4,5-dihydrofuran-2(3H)-one. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o154-o154.	0.2	0
74	{2,2-Bis[(4S)-4-tert-butyl-4,5-dihydro-1,3-oxazol-2-yl]propane}bis(N,N-dimethylformamide)copper(II) bis(hexafluoridoantimonate). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m737-m737.	0.2	0
75	(3R,4R,5S)-4-Hydroxy-3-methyl-5-[(2S,3R)-3-methylpent-4-en-2-yl]-4,5-dihydrofuran-2(3H)-one. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o3274-o3274.	0.2	0