

# Martin Hiersemann

## List of Publications by Year in descending order

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75  
papers

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236925

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96  
all docs

96  
docs citations

96  
times ranked

1075  
citing authors

#	ARTICLE	IF	CITATIONS
1	Total Synthesis and Structural Assignment of (±)-Fusaequisin A. Chemistry - A European Journal, 2022, 28, .	3.3	3
2	An Update on Cyclohepta[ <i>b</i> ]indoles. European Journal of Organic Chemistry, 2021, 2021, 3748-3758.	2.4	18
3	(2 <i>R</i> ,4 <i>S</i> ,5 <i>S</i> )-5-Methoxy-4-methyl-3-oxohept-6-en-2-yl benzoate. IUCrData, 2021, 6, .	0.3	0
4	Photochemical Approach to the Cyclohepta[ <i>b</i> ]indole Scaffold by Annulative Two-Carbon Ring Expansion. Chemistry - A European Journal, 2020, 26, 11974-11978.	3.3	14
5	Synthesis of a Diastereomer of the Marine Macrolide Lytophilippine A. Organic Letters, 2019, 21, 2421-2425.	4.6	10
6	Development of an Alkyne Analogue of the de...Mayo Reaction: Synthesis of Medium-Sized Carbocycles and Cyclohepta[ <i>b</i> ]indoles. Angewandte Chemie - International Edition, 2018, 57, 15553-15557.	13.8	31
7	Development of an Alkyne Analogue of the de...Mayo Reaction: Synthesis of Medium-Sized Carbocycles and Cyclohepta[ <i>b</i> ]indoles. Angewandte Chemie, 2018, 130, 15779-15783.	2.0	10
8	Progress toward the Total Synthesis of Gukulenin A: Photochemically Triggered Two-Carbon Ring Expansion Key to $\pm$ -Tropolonic Ether Synthesis. Organic Letters, 2018, 20, 4072-4076.	4.6	18
9	Synthesis of the Cyclohepta[ <i>e</i> ]hydrindane Core of the Marine Homoverrucosane Diterpenoid Gagunin E. Organic Letters, 2017, 19, 814-817.	4.6	5
10	Synthesis of Homoverrucosanoid-Derived Esters and Evaluation as MDR Modulators. Journal of Organic Chemistry, 2017, 82, 10504-10522.	3.2	7
11	Total Synthesis and Structural Assignment of Curvicollide C. Organic Letters, 2017, 19, 4391-4394.	4.6	11
12	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
13	(4 <i>S</i> ,5 <i>S</i> ,6 <i>R</i> , <i>E</i> )-3,5-Dimethyl-6-vinylhept-2-ene-1,4,7-triol. IUCrData, 2016, 1, .	0.3	1
14	Crystal structure of (E)-N-[[[(1 <i>R</i> ,3 <i>R</i> )-3-isopropyl-1-methyl-2-oxocyclopentyl]methylidene]-4-methylbenzenesulfonylhydrazide. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o99-o100.	0.5	2
15	Substituted cis-Hydrindan-4-ones by Sequential Cycloadditions. Synthesis, 2015, 47, 3489-3504.	2.3	3
16	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
17	Crystal structure of (E)-N-[[[(1 <i>R</i> ,3 <i>R</i> )-3-isopropyl-1-methyl-2-oxocyclopentyl]methylidene]-4-methylbenzenesulfonylhydrazide]monohydrate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o690-o691.	0.5	2
18	Crystal structure of N-[[[(1 <i>S</i> ,3 <i>R</i> )-(3-isopropyl-1-methyl-2-oxocyclopentyl)methylidene]-4-methylbenzenesulfonylhydrazide. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o904-o905.	0.5	2

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19	Crystal structure of 4-(4-methoxyphenoxy)benzaldehyde. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o1021-o1021.	0.5	1
20	Synthesis of a Common Cyclopentanoid Building Block for the Total Synthesis of Jatropha-5,12- and -6(17),11-dienes by Uncatalyzed Intramolecular Carbonyl-ene (ICE) Reaction. <i>Synthesis</i> , 2014, 46, 3110-3120.	2.3	5
21	Cyclopentanoids by Uncatalyzed Intramolecular Carbonyl Ene (ICE) Reaction of $\alpha$ -Keto Esters. <i>Organic Letters</i> , 2014, 16, 4062-4065.	4.6	13
22	Catalytic Asymmetric Claisen Rearrangement of Gosteli-Type Allyl Vinyl Ethers: Total Synthesis of ( $\alpha$ )-9,10-Dihydroecklonialactone B. <i>Journal of Organic Chemistry</i> , 2014, 79, 3040-3051.	3.2	20
23	Total Synthesis of ( $\alpha$ )-Ecklonialactone B. <i>Organic Letters</i> , 2013, 15, 5982-5985.	4.6	21
24	Claisen Rearrangement of Aliphatic Allyl Vinyl Ethers from 1912 to 2012: 100 Years of Electrophilic Catalysis. <i>Synthesis</i> , 2013, 45, 1121-1159.	2.3	61
25	(4R)-4-Benzyl-3-[(4S)-4-chloro-4-[(S)-2,2-dimethyl-1,3-dioxolan-4-yl]butanoyl]-1,3-oxazolidin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o169-o169.	0.2	0
26	Triphenyl(prop-2-yn-1-yl)silane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o452-o452.	0.2	0
27	{1,6}-Transannular Catalytic Asymmetric Gosteli-Claisen Rearrangement. <i>Organic Letters</i> , 2012, 14, 4114-4117.	4.6	34
28	Palladium(II)-Catalyzed Cycloisomerization of Substituted 1,5-Hexadienes: A Combined Experimental and Computational Study on an Open and an Interrupted Hydropalladation/Carbopalladation/ $\beta^2$ -Hydride Elimination (HCHe) Catalytic Cycle. <i>Journal of Organic Chemistry</i> , 2012, 77, 4980-4995.	3.2	7
29	Palladium(II)-Catalyzed Cycloisomerization of Functionalized 1,5-Hexadienes. <i>Organic Letters</i> , 2011, 13, 4438-4441.	4.6	12
30	Gosteli-Claisen Rearrangement of Propargyl Vinyl Ethers: Cascading Molecular Rearrangements. <i>Organic Letters</i> , 2011, 13, 2122-2125.	4.6	37
31	Integration of Catalysis and Analysis is the Key: Rapid and Precise Investigation of the Catalytic Asymmetric Gosteli-Claisen Rearrangement. <i>Journal of the American Chemical Society</i> , 2011, 133, 16444-16450.	13.7	38
32	Total Synthesis of Natural and Non-Natural $\beta$ <sup>5,6</sup> - $\beta$ <sup>12,13</sup> -Jatrophone Diterpenes and Their Evaluation as MDR Modulators. <i>Journal of Organic Chemistry</i> , 2011, 76, 512-522.	3.2	49
33	1-Phenyl-5-[[2-(trimethylsilyl)ethyl]sulfonyl]-1H-tetrazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2369-o2369.	0.2	0
34	(2SR,3SR)-Isopropyl 3-[[dimethyl(phenyl)silyl]methyl]-2-hydroxy-2-vinylpent-4-enoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o3102-o3102.	0.2	0
35	{2,2-Bis[(4S)-4-isopropyl-4,5-dihydro-1,3-oxazol-2-yl]propane}bis(N,N-dimethylformamide)copper(II) bis[hexafluoroantimonate(V)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m1688-m1688.	0.2	0
36	( $\alpha$ )-Lytophilippine A: Synthesis of a C1-C18 Building Block. <i>Organic Letters</i> , 2010, 12, 5258-5261.	4.6	33

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37	A Stereodivergent Enantioselective Approach to the C5-C8 Segment of Berkelic Acid. <i>Synlett</i> , 2009, 2009, 2133-2136.	1.8	0
38	Gosteli's Claisen Rearrangement: Substrate Synthesis, Simple Diastereoselectivity, and Kinetic Studies. <i>Journal of Organic Chemistry</i> , 2009, 74, 1531-1540.	3.2	39
39	Gosteli's Claisen Rearrangement: DFT Study of Substituent's Rate Effects. <i>Journal of Organic Chemistry</i> , 2009, 74, 4336-4342.	3.2	30
40	Synthetic Studies toward Jatrophone Diterpenes from <i>Euphorbia characias</i> . Enantioselective Synthesis of (±)-15-O-Acetyl-3-O-propionyl-17-norcharaciol. <i>Journal of Organic Chemistry</i> , 2009, 74, 1698-1708.	3.2	39
41	Total Synthesis of Jatrophone Diterpenes from <i>Euphorbia characias</i> . <i>Organic Letters</i> , 2009, 11, 2555-2558.	4.6	54
42	(±)-syn-Isopropyl 4-(1,1,1,3,3,3-hexafluoropropan-2-yloxy)-1-hydroxy-3-methyl-2-(prop-1-ynyl)cyclopent-2-enecarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1660-o1660.	0.2	1
43	(3S,4S,5R)-4-Hydroxy-3-methyl-5-[(2S,3R)-3-methylpent-4-en-2-yl]-4,5-dihydrofuran-2(3H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o154-o154.	0.2	0
44	{2,2-Bis[(4S)-4-tert-butyl-4,5-dihydro-1,3-oxazol-2-yl]propane}bis(N,N-dimethylformamide)copper(II) bis(hexafluoroantimonate). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, m737-m737.	0.2	0
45	(3R,4R,5S)-4-Hydroxy-3-methyl-5-[(2S,3R)-3-methylpent-4-en-2-yl]-4,5-dihydrofuran-2(3H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o3274-o3274.	0.2	0
46	(3R,4S,5S)-4-Hydroxy-3-methyl-5-[(2S,3R)-3-methylpent-4-en-2-yl]tetrahydrofuran-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1517-o1517.	0.2	0
47	(3 <i>S</i> ,4 <i>S</i> ,5 <i>S</i> )-4-Hydroxy-3-methyl-5-[(2 <i>S</i> ,3 <i>R</i> )-3-methylpent-4-en-2-yl]-4,5-dihydrofuran-2(3 <i>H</i> )-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1835-o1835.	0.2	1
48	The Catalytic Asymmetric Claisen Rearrangement (CAC) in Natural Product Synthesis: Synthetic Studies Toward (-)-Ecklonialactone B. <i>Synlett</i> , 2007, 2007, 1683-1686.	1.8	2
49	Enantioselective Synthesis of the C8-C20 Segment of Curvicollide C. <i>Organic Letters</i> , 2007, 9, 4979-4982.	4.6	39
50	Organocatalytic Claisen Rearrangement: Theory and Experiment. <i>Journal of Organic Chemistry</i> , 2007, 72, 4001-4011.	3.2	65
51	Synthesis of the Norjatrophone Diterpene (±)-15-Acetyl-3-propionyl-17-norcharaciol. <i>Organic Letters</i> , 2006, 8, 1573-1576.	4.6	45
52	Rearrangement Reactions. , 2006, , 117-142.		0
53	The Catalytic Asymmetric Claisen Rearrangement (CAC) in Natural Product Synthesis: Synthetic Studies toward Curvicollides A-C. <i>Synlett</i> , 2006, 2006, 0121-0123.	1.8	0
54	Recent Progress in the Total Synthesis of Dolabellane and Dolastane Diterpenes. <i>ChemInform</i> , 2005, 36, no.	0.0	0

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55	Ester Dienolate [2,3]-Wittig Rearrangement in Natural Product Synthesis: A Diastereoselective Total Synthesis of the Triester of Viridiodfungin A, A2, and A4. <i>Journal of Organic Chemistry</i> , 2005, 70, 5579-5591.	3.2	29
56	Catalytic Asymmetric Claisen Rearrangement in Natural Product Synthesis: A Synthetic Studies toward (âˆ“)-Xeniolide F. <i>Organic Letters</i> , 2005, 7, 5705-5708.	4.6	54
57	The Catalytic Diastereo- and Enantioselective Claisen Rearrangement of 2-Alkoxy-carbonyl-Substituted Allyl Vinyl Ether. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1281-1294.	4.3	65
58	Highly Enantioselective Catalytic Asymmetric Claisen Rearrangement of 2-Alkoxy-carbonyl-Substituted Allyl Vinyl Ethers. <i>ChemInform</i> , 2004, 35, no.	0.0	0
59	Enantioselective synthesis of the C-14 to C-5 cyclopentane segment of jatrophone diterpenes. <i>Tetrahedron Letters</i> , 2004, 45, 289-292.	1.4	20
60	Highly enantioselective catalytic asymmetric Claisen rearrangement of 2-alkoxy-carbonyl-substituted allyl vinyl ethers. <i>Tetrahedron Letters</i> , 2004, 45, 3647-3650.	1.4	57
61	Total synthesis of (3S,4S,2â€²S)- and (3R,4R,2â€²S)-viridiodfungin A triester. <i>Tetrahedron Letters</i> , 2004, 45, 6915-6918.	1.4	14
62	The Ester Dienolate [2,3]-Wittig Rearrangement â€” Development, Opportunities, and Limitations. <i>ChemInform</i> , 2003, 34, no.	0.0	0
63	Synthesis and Lewis acid catalyzed Claisen rearrangement of 2-(1,3-oxazolin-2-yl)-substituted allyl vinyl ethers. <i>Tetrahedron</i> , 2003, 59, 4031-4038.	1.9	27
64	The Ester Dienolate [2,3]-Wittig Rearrangement - Development, Opportunities, and Limitations. <i>Synlett</i> , 2003, 2003, 1088-1095.	1.8	16
65	Catalysis of the Claisen Rearrangement of Aliphatic Allyl Vinyl Ethers. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 1461-1471.	2.4	118
66	The Cu(OTf) <sub>2</sub> - and Yb(OTf) <sub>3</sub> -Catalyzed Claisen Rearrangement of 2-Alkoxy-carbonyl-Substituted Allyl Vinyl Ethers. <i>Organic Letters</i> , 2001, 3, 49-52.	4.6	42
67	Sequencing Pericyclic Reactions: The Ester Dienolate [2,3]-Wittig/Oxy-Cope Rearrangement/Carbonyl Ene Reaction, a New Access to Substituted Carbocycles. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 483-491.	2.4	19
68	The Catalytic Enantioselective Claisen Rearrangement of an Allyl Vinyl Ether. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4700-4703.	13.8	124
69	Synthesis of $\hat{1}\pm$ -Allyloxy-Substituted $\hat{1}\pm, \hat{1}^2$ -Unsaturated Esters via Aldol Condensation. Convenient Access of Highly Substituted Allyl Vinyl Ethers. <i>Synthesis</i> , 2000, 2000, 1279-1290.	2.3	29
70	Chiral Acetals as Stereoinductors: A Diastereoface Selective Alkylation of Dihydrobenzoxazine-Derived Amide Enolates. <i>Journal of Organic Chemistry</i> , 2000, 65, 6540-6546.	3.2	14
71	The Pd(II)-Catalyzed and the Thermal Claisen Rearrangement of 2-Alkoxy-carbonyl-Substituted Allyl Vinyl Ethers. <i>Synlett</i> , 1999, 1999, 1823-1825.	1.8	21
72	The ester dienolate [2,3]-Wittig rearrangement. Diastereoselective synthesis of 2,3-dialkenyl-substituted 2-hydroxy- $\hat{1}^3$ -lactones. <i>Tetrahedron</i> , 1999, 55, 2625-2638.	1.9	14

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73	The Dienolate [2,3]-Wittig Rearrangement – Diastereoselective Synthesis of Highly Functionalized Tertiary Alcohols. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2713-2724.	2.4	11
74	Intramolecular 1,3-dipolar cycloaddition as a tool for the preparation of azaspirocyclic keto aziridines. Synthesis of intermediates for the total synthesis of (±)-cephalotaxine. <i>Tetrahedron Letters</i> , 1997, 38, 4347-4350.	1.4	26
75	Recent Progress in the Total Synthesis of Dolabellane and Dolastane Diterpenes. <i>Topics in Current Chemistry</i> , 0, , 73-136.	4.0	30