

# Hans-Joachim Gais

## List of Publications by Year in descending order

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132  
docs citations

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times ranked

1650  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfoximineâ€Directed Arene <i>ortho</i> -Lithiation. European Journal of Organic Chemistry, 2021, 2021, 6229-6246.	2.4	8
2	Nickelâ€Catalyzed Anionic Crossâ€Coupling Reaction of Lithium Sulfonylimido Alkylidene Carbenoids With Organolithiums. Chemistry - A European Journal, 2020, 26, 2914-2926.	3.3	8
3	Isolation and structure determination of a tetrameric sulfonyl dilithio methandiide in solution based on crystal structure analysis and 6Li/13C NMR spectroscopic data. Beilstein Journal of Organic Chemistry, 2020, 16, 2057-2063.	2.2	0
4	Crossâ€Coupling Reaction of Alkenyl Sulfoximines and Alkenyl Aminosulfoxonium Salts with Organozincs by Dual Nickel Catalysis and Lewis Acid Promotion. Chemistry - A European Journal, 2019, 25, 8371-8386.	3.3	5
5	Experimental and Computational Studies of the Structure of Sulfonylimido Vinylolithiums. Chemistry - A European Journal, 2017, 23, 14231-14247.	3.3	6
6	Chiral Lithiated Allylic $\hat{\text{I}}^{\pm}$ -Sulfonyl Carbanions: Experimental and Computational Study of Their Structure, Configurational Stability, and Enantioselective Synthesis. Chemistry - A European Journal, 2015, 21, 17904-17920.	3.3	10
7	Sulfoximineâ€Based Modular Enantioselective Synthesis of Azaspirocycles Featuring Sulfoximine Displacement, Dianion Cycloalkylation, RCM and <i>N</i> -Acyliminium Ion Formation. European Journal of Organic Chemistry, 2014, 2014, 3355-3371.	2.4	6
8	Lithiumâ€Titanium Exchange of Tertiary $\hat{\text{I}}^{\pm}$ -Sulfonyl Carbanions: Synthesis, Structure, Dynamics and Reactivity of Bis(1-sulfonylalkyl)titaniums. European Journal of Organic Chemistry, 2014, 2014, 7134-7147.	2.4	2
9	Spiroâ€and Bicycloannulation of Sulfoximineâ€Substituted 2-Hydroxyâ€dihydropyrans: Enantioselective Synthesis of Spiroketal, Spiroethers, and Oxabicycles and Structure of Dihydropyran Oxocarbenium Ions. European Journal of Organic Chemistry, 2014, 2014, 529-553.	2.4	13
10	How Torsional Effects Cause Attack at Sterically Crowded Concave Faces of Bicyclic Alkenes. Journal of Organic Chemistry, 2014, 79, 8304-8312.	3.2	11
11	Chiral Fluorinated $\hat{\text{I}}^{\pm}$ -Sulfonyl Carbanions: Enantioselective Synthesis and Electrophilic Capture, Racemization Dynamics, and Structure. Chemistry - A European Journal, 2013, 19, 3869-3897.	3.3	33
12	Asymmetric Synthesis of Densely Functionalized Mediumâ€Ring Carbocycles and Lactones through Modular Assembly and Ringâ€Closing Metathesis of Sulfoximineâ€Substituted Trienes and Dienynes. Chemistry - A European Journal, 2012, 18, 3529-3548.	3.3	21
13	Sulfoximineâ€Directed Single and Double <i>ortho</i> -Lithiation: Stereoselective Rearrangements of <i>ortho</i> -Dilithiophenylsulfoximines to <i>ortho</i> -, <i>N</i> -Dilithiosulfinylanilines through Anionic Fries Rearrangements of <i>ortho</i> -, <i>ortho</i> -Dilithiophenylsulfonamides. European Journal of Organic Chemistry, 2011, 2011, 2431-2449.	2.4	29
14	Asymmetric Synthesis of Functionalized Bicyclic $\hat{\text{I}}^{\pm}$ -Amino Alcohols by Cascade Hydrometallationâ€Cyclizationâ€Reduction of Glycinyllâ€Substituted Alkenylsulfoximines â€ Application to the Synthesis of an Aggregase Inhibitor Mimic. European Journal of Organic Chemistry, 2011, 2011, 5991-6008.	2.4	9
15	Ringâ€Closing Metathesis of Sulfoximineâ€Substituted <i>N</i> -Tethered Trienes: Modular Asymmetric Synthesis of Mediumâ€Ring Nitrogen Heterocycles. Chemistry - A European Journal, 2011, 17, 6187-6195.	3.3	20
16	Synthesis of Phosphanyl Sulfoximines Through Phosphaâ€Michael Reaction of Alkenyl Sulfoximines and Their Evaluation as Chiral Bidentate 1,5â€N,P Ligands for Palladium in Asymmetric Allylic Alkylation. European Journal of Organic Chemistry, 2010, 2010, 2157-2175.	2.4	19
17	Experimental and Theoretical Investigation of the Enantiomerization of Lithium $\hat{\text{I}}^{\pm}$ - <i>tert</i> -Butylsulfonyl Carbanion Salts and the Determination of Their Structures in Solution and in the Crystal. European Journal of Organic Chemistry, 2010, 2010, 4559-4587.	2.4	33
18	Enantioselective Synthesis, Configurational Stability, and Reactivity of Lithium $\hat{\text{I}}^{\pm}$ - <i>tert</i> -Butylsulfonyl Carbanion Salts. European Journal of Organic Chemistry, 2010, 2010, 4588-4616.	2.4	28

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19	Redox Reaction of the Pd <sup>0</sup> Complex Bearing the Trost Ligand with <i>meso</i> -Cycloalkene-1,4-biscarbonates Leading to a Diamidato Pd <sup>II</sup> Complex and 1,3-Cycloalkadienes: Enantioselective Desymmetrization Versus Catalyst Deactivation. <i>Chemistry - A European Journal</i> , 2010, 16, 2904-2915.	3.3	22
20	Anionic Cross-Coupling Reaction of $\eta^2$ -Metallated Alkenyl Sulfoximines and Alkenyl Sulfoximines with Cuprates Featuring a 1,2-Metalate Rearrangement of Sulfoximine-Substituted Higher Order Alkenyl Cuprates and an $\eta^2$ -Metallation of Alkenyl Sulfoximines by Cuprates. <i>Chemistry - A European Journal</i> , 2008, 14, 6510-6528.	3.3	25
21	Asymmetric Synthesis of Spiroketal, Spiroether, and Oxabicyclo Building Blocks via Stereoselective Spiro- and Bicycloannulation of 2-Hydroxy Dihydropyrans. <i>Organic Letters</i> , 2008, 10, 2713-2716.	4.6	37
22	Asymmetric Synthesis of Substituted Homoallyl Alcohols, Halomethyl Tetrahydrofurans, and Chloro-amino Sulfoximines from Allyltitanium Sulfoximines and $\eta^2$ -Hetero Aldehydes. <i>Organic Letters</i> , 2007, 9, 579-582.	4.6	21
23	Asymmetric Synthesis of Highly Substituted $\beta^3$ -Amino Acids from Allyltitanium Sulfoximines. <i>Organic Letters</i> , 2007, 9, 1231-1234.	4.6	25
24	Modular Asymmetric Synthesis of Functionalized Azaspirocycles Based on the Sulfoximine Auxiliary. <i>Organic Letters</i> , 2007, 9, 2155-2158.	4.6	26
25	Asymmetric Synthesis of 3-Oxa-15-deoxy-16-( <i>m</i> -tolyl)-17,18,19,20-tetranorisocarbacyclin and Its Neuroprotective Analogue 15-Deoxy-16-( <i>m</i> -tolyl)-17,18,19,20-tetranorisocarbacyclin Based on the Conjugate Addition-“Azoalkene” Asymmetric Olefination Strategy. <i>Chemistry - A European Journal</i> , 2007, 13, 1784-1795.	3.3	24
26	Development of new methods for asymmetric synthesis based on sulfoximines. <i>Heteroatom Chemistry</i> , 2007, 18, 472-481.	0.7	112
27	Asymmetric aziridination with chiral allyl aminosulfoxonium ylides: synthesis of alkenyl aziridine carboxylates and palladium-catalyzed <i>E</i> , <i>trans</i> / <i>E</i> , <i>cis</i> -isomerization of an alkenyl aziridine. <i>Tetrahedron Letters</i> , 2007, 48, 7102-7107.	1.4	23
28	Synthesis of 1,5-P,N-phosphino-sulfoximines through phospho-Michael reaction of alkenyl sulfoximines and their evaluation as ligands in palladium-catalyzed allylic alkylation. <i>Tetrahedron Letters</i> , 2007, 48, 8752-8756.	1.4	15
29	Functionalized Chiral Vinyl Aminosulfoxonium Salts: Asymmetric Synthesis and Application to the Synthesis of Enantiopure Unsaturated Prolines, $\beta^2, \beta^3$ -Dehydro Amino Acids, and Cyclopentanoid Keto Aminosulfoxonium Ylides. <i>Journal of the American Chemical Society</i> , 2006, 128, 7360-7373.	13.7	48
30	Fully Stereocontrolled Syntheses of 3-Oxacarbacyclin and Carbacyclin by the Conjugate Addition-Azoalkene-Asymmetric Olefination Strategy. <i>Journal of Organic Chemistry</i> , 2006, 71, 4642-4650.	3.2	19
31	Asymmetric Modular Synthesis of Highly Functionalized Medium-Sized Carbocycles and Lactones via Ring-Closing Metathesis of Sulfoximine-Substituted Trienes. <i>Journal of the American Chemical Society</i> , 2006, 128, 15378-15379.	13.7	32
32	Development of a Common Fully Stereocontrolled Access to the Medicinally Important and Promising Prostacyclin Analogues Iloprost, 3-Oxa-Iloprost and Cicaprost. <i>Chemistry - A European Journal</i> , 2006, 12, 5610-5617.	3.3	12
33	BINOL-derived N-phosphino sulfoximines as ligands for asymmetric catalysis. <i>Tetrahedron Letters</i> , 2005, 46, 5643-5646.	1.4	47
34	Palladium-catalyzed asymmetric synthesis of allylic alcohols from unsymmetrical and symmetrical racemic allylic carbonates featuring C=O-bond formation and dynamic kinetic resolution. <i>Tetrahedron Letters</i> , 2005, 46, 6279-6283.	1.4	70
35	BINOL-Derived N-Phosphino Sulfoximines as Ligands for Asymmetric Catalysis.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
36	Dynamic Behavior of Chiral Sulfonimidoyl-Substituted Allyl and Alkyl (Dimethylamino)titanium(IV) Complexes: A Metallotropic Shift, Reversible $\beta^2$ -Hydride Elimination/Reinsertion, and ab Initio Calculations of Allyl and Alkyl Aminosulfoxonium Ylides. <i>Journal of the American Chemical Society</i> , 2005, 127, 6617-6631.	13.7	22

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37	Fully Stereocontrolled Total Syntheses of the Prostacyclin Analogues 16S-Iloprost and 16S-3-Oxa-Iloprost by a Common Route, Using Alkenylcopper-Azoalkene Conjugate Addition, Asymmetric Olefination, and Allylic Alkylation. <i>Journal of the American Chemical Society</i> , 2005, 127, 17910-17920.	13.7	37
38	P*,N-Bidentate Amino Phosphoramidites: New Highly Effective Ligands for Pd-Catalysed Asymmetric Allylic Substitution. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 629-634.	2.0	29
39	Asymmetric Synthesis of Cycloalkenyl and Alkenyloxiranes From Allylic Sulfoximines and Aldehydes and Application to Solid-Phase Synthesis. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1464-1473.	2.4	36
40	Asymmetric Synthesis of Cycloalkenyl and Alkenyloxiranes from Allylic Sulfoximines and Aldehydes and Application to Solid-Phase Synthesis.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
41	Asymmetric Synthesis of 2,3-Dihydrofurans and of Unsaturated Bicyclic Tetrahydrofurans Through $\hat{I}\pm$ -Elimination and Migratory Cyclization of Silyloxy Alkenyl Aminosulfoxonium Salts. Generation and Intramolecular O,Si-Bond Insertion of Chiral Disubstituted $\hat{I}^2$ -Silyloxy Alkylidene Carbenes.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
42	Asymmetric synthesis of 3-substituted unsaturated prolines from chiral sulfoximine substituted allyl titanium(IV) complexes. <i>Tetrahedron Letters</i> , 2004, 45, 8343-8346.	1.4	17
43	Palladium-Catalyzed Enantioselective Allylic Alkylation of Thiocarboxylate Ions: $\hat{A}$ Asymmetric Synthesis of Allylic Thioesters and Memory Effect/Dynamic Kinetic Resolution of Allylic Esters. <i>Journal of Organic Chemistry</i> , 2004, 69, 4041-4052.	3.2	60
44	Asymmetric Synthesis of 2,3-Dihydrofurans and of Unsaturated Bicyclic Tetrahydrofurans through $\hat{I}\pm$ -Elimination and Migratory Cyclization of Silyloxy Alkenyl Aminosulfoxonium Salts. Generation and Intramolecular O,Si-Bond Insertion of Chiral Disubstituted $\hat{I}^2$ -Silyloxy Alkylidene Carbenes. <i>Journal of the American Chemical Society</i> , 2004, 126, 4859-4864.	13.7	71
45	Palladium-Catalyzed Enantioselective 1,3-Rearrangement of Racemic Allylic Sulfinates: $\hat{A}$ Asymmetric Synthesis of Allylic Sulfones and Kinetic Resolution of an Allylic Sulfinates. <i>Journal of Organic Chemistry</i> , 2004, 69, 2731-2736.	3.2	38
46	Asymmetric Synthesis of Protected $\hat{I}^2$ -Substituted and $\hat{I}^2,\hat{I}^2$ -Disubstituted $\hat{I}^2$ -Amino Acids Bearing Branched Hydroxyalkyl Side Chains and of Protected 1,3-Amino Alcohols with Three Contiguous Stereogenic Centers from Allylic Sulfoximines and Aldehydes. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1500-1526.	2.4	42
47	Highly Selective Palladium-Catalyzed Kinetic Resolution and Enantioselective Substitution of Racemic Allylic Carbonates with Sulfur Nucleophiles: Asymmetric Synthesis of Allylic Sulfides, Allylic Sulfones, and Allylic Alcohols.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
48	Novel P,N-bidentate phosphite ligands in asymmetric catalysis. <i>Chirality</i> , 2003, 15, S97-S103.	2.6	10
49	Highly Selective Palladium Catalyzed Kinetic Resolution and Enantioselective Substitution of Racemic Allylic Carbonates with Sulfur Nucleophiles: Asymmetric Synthesis of Allylic Sulfides, Allylic Sulfones, and Allylic Alcohols. <i>Chemistry - A European Journal</i> , 2003, 9, 4202-4221.	3.3	128
50	Asymmetric Synthesis of Fused Bicyclic $\hat{I}\pm$ -Amino Acids Having a Hexahydro-cyclopenta[c]pyridine Skeleton via Intramolecular Pauson-Khand Reaction of 1-Sulfonimidoyl-Substituted 5-Azaoct-1-en-7-yne. <i>Journal of Organic Chemistry</i> , 2003, 68, 8037-8041.	3.2	44
51	Palladium-Catalyzed Deracemization of Allylic Carbonates in Water with Formation of Allylic Alcohols: $\hat{A}$ Hydrogen Carbonate Ion as Nucleophile in the Palladium-Catalyzed Allylic Substitution and Kinetic Resolution. <i>Journal of the American Chemical Society</i> , 2003, 125, 6066-6067.	13.7	118
52	Asymmetric Synthesis of Unsaturated, Fused Bicyclic Proline Analogues through Amino Alkylation of Cyclic Bis(allylsulfoximine)titanium Complexes and Migratory Cyclization of $\hat{I}$ -Amino Alkenyl Aminosulfoxonium Salts. <i>Journal of the American Chemical Society</i> , 2003, 125, 13243-13251.	13.7	78
53	Asymmetric Synthesis of the Highly Potent Anti-Metastatic Prostacyclin Analogue Cicaprost and Its Isomer Isocicaprost. <i>Journal of the American Chemical Society</i> , 2003, 125, 9653-9667.	13.7	40
54	Palladium(0)-Catalyzed Enantioselective O,S-Rearrangement of Racemic O-Allylic Thiocarbamates: $\hat{A}$ A New Entry to Enantioenriched Allylic Sulfur Compounds. <i>Journal of Organic Chemistry</i> , 2002, 67, 1153-1161.	3.2	48

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55	A New Strategy for the Enantioselective Synthesis of Carba-Prostacyclin Analogues Based on Organocopper Conjugate Addition to a Bicyclic Azoene and Its Application to the Synthesis of 13,14-Dinor-inter-p-phenylene Carbacyclin. <i>Journal of the American Chemical Society</i> , 2002, 124, 4321-4328.	13.7	22
56	Highly Selective Addition of Chiral, Sulfonylimidoyl Substituted Bis(allyl)titanium Complexes to N-Sulfonyl $\beta$ -Imino Esters: Asymmetric Synthesis of $\beta$ , $\gamma$ -Unsaturated $\beta$ -Amino Acids Bearing a Chiral, Electron-Withdrawing Nucleofuge at the $\gamma$ -Position. <i>Journal of the American Chemical Society</i> , 2002, 124, 7789-7800.	13.7	39
57	Asymmetric Synthesis of anti-Homopropargylic Alcohols from Aldehydes and Chiral Sulfonylimidoyl Substituted Bis(allyl)titanium Complexes through Generation and Elimination of Novel Chiral Alkylidenecarbene (Dimethylamino)sulfoxonium Ylides. <i>Journal of the American Chemical Society</i> , 2002, 124, 10427-10434.	13.7	60
58	Activation of Pig Liver Esterase in Organic Media with Organic Polymers. Application to the Enantioselective Acylation of Racemic Functionalized Secondary Alcohols. <i>Journal of Organic Chemistry</i> , 2001, 66, 3384-3396.	3.2	18
59	Lithium Salts of Conformationally Constrained and Restricted Chiral Allylic $\beta$ -Sulfonyl Carbanions $\beta$ -A Joint Study of their Structures, Dynamics, and Stereoselectivities. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 4275.	2.4	26
60	N-Methylsulfonylimidoyl-Substituted (2-Alkenyl)titanium Complexes: Application to the Synthesis of $\beta$ - and $\gamma$ -Sulfonylimidoyl-Substituted Chiral Homoallylic Alcohols, X-ray Crystal Structure Analysis, and Fluxional Behavior. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 3973-4009.	2.4	44
61	A Method for the Conversion of Sulfoximines to Sulfones: Application to Polymer-Bound Sulfoximines and to the Synthesis of Chiral Sulfones. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 1457-1465.	2.4	27
62	Palladium-catalyzed kinetic resolution of racemic cyclic and acyclic allylic carbonates with sulfur nucleophiles. <i>Tetrahedron Letters</i> , 2000, 41, 3809-3812.	1.4	61
63	Enzymatic resolution of analgesics: $\beta$ -hydroxytramadol, $\mu$ -hydroxytramadol and O-desmethyltramadol. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 917-928.	1.8	11
64	Diastereoselective amination of vinylic sulfoximines: application to the asymmetric synthesis of functionalized $\beta$ -substituted and $\beta$ , $\beta$ -disubstituted $\beta$ -amino acids, and of $\beta$ -amino alcohols. <i>Tetrahedron Letters</i> , 2000, 41, 2851-2854.	1.4	14
65	Palladium(0) catalyzed enantioselective rearrangement of O-allylic thiocarbamates to S-allylic thiocarbamates: asymmetric synthesis of allylic thiols. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 2511-2514.	1.8	45
66	Application of pig liver esterase catalyzed transesterification in organic media to the kinetic resolution of glycerol derivatives. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 3747-3758.	1.8	24
67	Sulfonyl-Stabilized Allylic Norbornenyl and Norbornyl Carbanions: Structure and Stereoselectivity of Reaction with Electrophiles. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 1627-1651.	2.4	30
68	Formal Asymmetric Synthesis of Pentalenolactone E and Pentalenolactone F-1. Retrosynthesis and $\beta$ -Facial Differentiation in Palladium-Catalyzed and Dipolar [3 + 2]-Cycloaddition Reactions of Bicyclic Alkenes: Evidence for Electrostatic Control of Stereoselectivity. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 257-273.	2.4	20
69	Formal Asymmetric Synthesis of Pentalenolactone E and Pentalenolactone F-2. Construction of the Angular Diquinanoid $\beta$ -Lactone. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 275-289.	2.4	13
70	Asymmetric Synthesis of 3-Oxcarbacyclin and 3-Oxaisocarbacyclin by a Common Enantioselective Deprotonation Based Route. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 805-826.	2.4	26
71	Asymmetric Synthesis of Isocarbacyclin Based on the Olefination-Isomerization-Coupling Process with Chiral Sulfoximines. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 1319-1335.	2.4	18
72	Pd-catalyzed asymmetric synthesis of allylic tert-butyl sulfones and sulfides: Kinetic resolution of the allylic substrate by a chiral Pd-complex. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 235-248.	1.8	62

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73	Asymmetric synthesis of allylic sulfides via palladium-mediated allylation of thiols. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 3353-3357.	1.8	53
74	Stereoselective Synthesis of Allylic Sulfoximines from <i>S</i> -(Chloromethyl)- <i>N</i> -methyl- <i>S</i> -phenylsulfoximine and Alkenyl Cuprates. <i>Synlett</i> , 1998, 1998, 99-101.	1.8	7
75	Activity enhancement of pig liver esterase in organic solvents by colyophilization with methoxypolyethylene glycol: kinetic resolution of alcohols. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 3657-3664.	1.8	23
76	An efficient resolution of ( $\hat{\pm}$ )- <i>S</i> -methyl- <i>S</i> -phenylsulfoximine with (+)-10-camphorsulfonic acid by the method of half-quantities. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 909-912.	1.8	108
77	Lipase catalyzed resolution of $\hat{\pm}$ -hydroxymethyl sulfones. Determination of absolute configuration by semiempirical calculation of CD spectra and verification by X-ray structure analysis. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 3111-3123.	1.8	7
78	Total Synthesis of (+)- $\beta$ -Oxacarbacyclin 1. Retrosynthesis and Asymmetric Olefination through Horner-Wadsworth-Emmons, Peterson and Martin Reactions. <i>Liebigs Annalen</i> , 1997, 1997, 2419-2431.	0.8	27
79	Total Synthesis of (+)- $\beta$ -Oxacarbacyclin 2. Stereoselective Deprotonation and Completion of the Synthesis. <i>Liebigs Annalen</i> , 1997, 1997, 2433-2441.	0.8	11
80	Regio- and Enantioselective Substitution of Acyclic Allylic Sulfoximines with Butylcopper in the Presence of Lithium Iodide and Boron Trifluoride. <i>Journal of Organic Chemistry</i> , 1996, 61, 4379-4390.	3.2	31
81	Ab Initio Study of the Effect of Fluorination upon the Structure and Configurational Stability of $\hat{\pm}$ -Sulfonyl Carbanions: The Role of Negative Hyperconjugation. <i>Journal of the American Chemical Society</i> , 1996, 118, 4622-4630.	13.7	84
82	Preparation of enantiomerically pure $\hat{\pm}$ -hydroxymethyl <i>S</i> -tert-Butyl sulfones by <i>Candida antarctica</i> lipase catalyzed resolution. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1253-1256.	1.8	15
83	Stereoselective hydroxyalkylation of titanated allyl sulfoximines at the $\hat{\pm}$ - as well as the $\hat{3}$ -position through variation of the titanation reagent. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 2505-2508.	1.8	20
84	Palladium-catalyzed asymmetric allylic sulfonylation. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 643-646.	1.8	77
85	Polyethylene glycol monomethyl ether-modified pig liver esterase: Preparation, characterization and catalysis of enantioselective hydrolysis in water and acylation in organic solvents. <i>Tetrahedron Letters</i> , 1995, 36, 3833-3836.	1.4	53
86	Asymmetric synthesis of disubstituted C-silylated homoallylic alcohols from lithiated allylic and vinylic sulfoximines. <i>Tetrahedron Letters</i> , 1995, 36, 7433-7436.	1.4	42
87	1-( <i>N</i> -trimethylsilyl- <i>S</i> -phenylsulfonimidoyl)-3-methyl-2-butenyl Lithium-2(12-Crown-4): Structure of a lithiated allylic sulfoximine in the crystal and comparison with model ab initio calculations. <i>Tetrahedron Letters</i> , 1995, 36, 7437-7440.	1.4	28
88	Regio- and Enantioselective Substitution of Primary Endocyclic Allylic Sulfoximines with Organocopper and Organocuprate Reagents. The Importance of Iodide for the Allylic Substitution with Organocopper Compounds. <i>Journal of the American Chemical Society</i> , 1995, 117, 2453-2466.	13.7	75
89	Ab Initio Calculations on Sulfonylmethyl Anions. Phosphorus, Sulfur and Silicon and the Related Elements, 1994, 95, 345-346.	1.6	4
90	Enzyme-Catalyzed Asymmetric Synthesis; 10.1 <i>Pseudomonas cepacia</i> Lipase Mediated Synthesis of Enantiomerically Pure (2 <i>R</i> ,3 <i>S</i> )- and (2 <i>S</i> ,3 <i>R</i> )-2,3-O-Cyclohexylideneerythritol Monoacetate from 2,3-O-Cyclohexylideneerythritol. <i>Synthesis</i> , 1992, 1992, 169-173.	2.3	24

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91	Double metal-catalyzed cross-coupling reactions of alkenyl sulfoximines with diorganozinc reagents: Synthesis of optically active axial chiral allylic silanes. Tetrahedron Letters, 1992, 33, 461-464.	1.4	44
92	Double metal-catalyzed cross-coupling reactions of alkenyl Sulfoximines with diorganozinc reagents: Stereoselective synthesis of a key optically active 3-Oxa-Carbacyclin intermediate. Tetrahedron Letters, 1992, 33, 465-468.	1.4	37
93	About the Li <sup>+</sup> -Gegenion Effect on $\pm$ -Sulfonyl Carbanions. Angewandte Chemie International Edition in English, 1990, 29, 100-103.	4.4	52
94	Zum Li <sup>+</sup> -Gegenioneffekt bei $\pm$ -Sulfonyl-Carbanionen. Angewandte Chemie, 1990, 102, 96-99.	2.0	39
95	Flexible Synthesen optisch aktiver Isocarbacycline. Angewandte Chemie, 1989, 101, 362-365.	2.0	16
96	Flexible Syntheses of Optically Active Isocarbacyclins. Angewandte Chemie International Edition in English, 1989, 28, 349-351.	4.4	18
97	Are Lithiosulfones Configurationally Stable?. Angewandte Chemie International Edition in English, 1989, 28, 1025-1028.	4.4	83
98	Sind Lithiosulfone konfiguratativ stabil?. Angewandte Chemie, 1989, 101, 1061-1063.	2.0	52
99	Synthese und Struktur von [ <i>cyclo</i> -C <sub>3</sub> H <sub>4</sub> -SO <sub>2</sub> Ph] <sub>2</sub> Ti[OCH		

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109	Solid-State and Solution Structure of $\eta$ -(Phenylsulfonyl)allyllithium. <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 939-941.	4.4	56
110	Asymmetrische Eliminierung mit hoher Induktion: Synthese von $1\alpha$ -Alkenylsulfoximiden mit axialer und zentraler Chiralität. <i>Angewandte Chemie</i> , 1986, 98, 912-914.	2.0	19
111	Lithium-koordinierte $\beta$ -Sulfonimidoylcarbanionen: Kristallstruktur von $[(\text{S})\text{-Methyl}\text{-S-phenylsulfonimidoyl}]\text{methylithium} \cdot 2$ (tmeda) und konfigurative Stabilität von $[(\text{N})\text{-Methyl}\text{-S-phenylsulfonimidoyl}]\text{isopropyllithium}$ . <i>Angewandte Chemie</i> , 1986, 98, 914-915.	2.0	23
112	Festkörper- und Lösungsstruktur von $\eta$ -(Phenylsulfonyl)allyllithium. <i>Angewandte Chemie</i> , 1986, 98, 916-917.	2.0	35
113	Enzym-katalysierte asymmetrische Synthese, IV. Synthese homochiraler Bausteine für die enantioselektive Totalsynthese von Cyclopentanoiden mit Esterase-katalysierter asymmetrischer Schlässelreaktion. <i>Liebigs Annalen Der Chemie</i> , 1986, 1986, 687-716.	0.8	59
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120	Asymmetric Total Synthesis of the Macrolides Brefeldin A and 7-epi-Brefeldin A. <i>Angewandte Chemie International Edition in English</i> , 1984, 23, 145-146.	4.4	43
121	Enantioselektive und enantiokonvergente Synthese von Bausteinen zur Totalsynthese cyclopentanoide Naturstoffe. <i>Angewandte Chemie</i> , 1984, 96, 140-141.	2.0	40
122	Asymmetrische Totalsynthese der Makrolide Brefeldin A und 7-epi-Brefeldin A. <i>Angewandte Chemie</i> , 1984, 96, 143-145.	2.0	18
123	Stoichiometric Asymmetric Synthesis: Section 1.3. , 0, , 75-115.		11
124	Catalytic Asymmetric Synthesis: Sections 2.1.4 - 2.1.6. , 0, , 215-297.		6