Hans-Joachim Gais

List of Publications by Year
in descending order

124	4,262	87888	161849
papers	citations	38 h-index	54 g-index

132	132	132	1650
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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. Chemistry - A European Journal, 2003, 9, 4202-4221.	3.3	128
2	Palladium-Catalyzed Deracemization of Allylic Carbonates in Water with Formation of Allylic Alcohols:â€‰ Hydrogen Carbonate Ion as Nucleophile in the Palladium-Catalyzed Allylic Substitution and Kinetic Resolution. Journal of the American Chemical Society, 2003, 125, 6066-6067.	13.7	118
3	Development of new methods for asymmetric synthesis based on sulfoximines. Heteroatom Chemistry, 2007, 18, 472-481.	0.7	112
4	An efficient resolution of (Â±)-S-methyl-S-phenylsulfoximine with (+)-10-camphorsulfonic acid by the method of half-quantities. Tetrahedron: Asymmetry, 1997, 8, 909-912.	1.8	108
5	Asymmetric hydrolysis, esterfication catalyzed by esterases from porcine pancreas in the synthesis of both enantiomers of cyclopentanoid building blocks. Tetrahedron Letters, 1987, 28, 3471-3474.	1.4	88
6	Ab Initio Study of the Effect of Fluorination upon the Structure and Configurational Stability of Î±-Sulfonyl Carbanions:Â The Role of Negative Hyperconjugationâ€. Journal of the American Chemical Society, 1996, 118, 4622-4630.	13.7	84
7	Are Lithiosulfones Configurationally Stable?. Angewandte Chemie International Edition in English, 1989, 28, 1025-1028.	4.4	83
8	Asymmetric Synthesis of Unsaturated, Fused Bicyclic Proline Analogues through Amino Alkylation of Cyclic Bis(allylsulfoximine)titanium Complexes and Migratory Cyclization of Î´-Amino Alkenyl Aminosulfoxonium Salts. Journal of the American Chemical Society, 2003, 125, 13243-13251.	13.7	78
9	Palladium-catalyzed asymmetric allylic sulfonylation. Tetrahedron: Asymmetry, 1995, 6, 643-646.	1.8	77
10	Enantioselective and Enantioconvergent Syntheses of Building Blocks for the Total Synthesis of Cyclopentanoid Natural Products. Angewandte Chemie International Edition in English, 1984, 23, 142-143.	4.4	75
11	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. Journal of the American Chemical Society, 1995, 117, 2453-2466.	13.7	75
12	Dilithio(phenylsulfonyl)trimethylsilylmethane: Synthesis, 13C/1H-NMR Characterization, and Lithium-Titanium Exchange. Angewandte Chemie International Edition in English, 1985, 24, 696-697.	4.4	73
13	Asymmetric Synthesis of 2,3-Dihydrofurans and of Unsaturated Bicyclic Tetrahydrofurans through Î±-Elimination and Migratory Cyclization of Silyloxy Alkenyl Aminosulfoxonium Salts. Generation and Intramolecular O,Si-Bond Insertion of Chiral Disubstituted Î²-Silyloxy Alkylidene Carbenes. Journal of the American Chemical Society, 2004, 126, 4859-4864.	13.7	71
14	Palladium-catalyzed asymmetric synthesis of allylic alcohols from unsymmetrical and symmetrical racemic allylic carbonates featuring Câ€“O-bond formation and dynamic kinetic resolution. Tetrahedron Letters, 2005, 46, 6279-6283.	1.4	70
15	Pd-catalyzed asymmetric synthesis of allylic tert-butyl sulfones and sulfides: Kinetic resolution of the allylic substrate by a chiral Pd-complex. Tetrahedron: Asymmetry, 1998, 9, 235-248.	1.8	62
16	Palladium-catalyzed kinetic resolution of racemic cyclic and acyclic allylic carbonates with sulfur nucleophiles. Tetrahedron Letters, 2000, 41, 3809-3812.	1.4	61
17	On the configuration of open chain Î±-sulfonyl carbonions: X-ray crystal structure of [(phenylsulfonyl)isopropyllithium-diglyme]2 and [(Î±-phenylsulfonyl)-Î±-(methyl)benzyllithium-diglyme]2. Tetrahedron Letters, 1988, 29, 1259-1262.	1.4	60
18	Asymmetric Synthesis of anti-Homopropargylic Alcohols from Aldehydes and Chiral Sulfonimidoyl Substituted Bis(allyl)titanium Complexes through Generation and Elimination of Novel Chiral Alkylidenecarbene (Dimethylamino)sulfoxonium Ylides. Journal of the American Chemical Society, 2002, 124, 10427-10434.	13.7	60

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19	Palladium-Catalyzed Enantioselective Allylic Alkylation of Thiocarboxylate Ions:Â Asymmetric Synthesis of Allylic Thioesters and Memory Effect/Dynamic Kinetic Resolution of Allylic Esters. Journal of Organic Chemistry, 2004, 69, 4041-4052.	3.2	60
20	Enzymâ€katalysierte asymmetrische Synthese, IV. Synthese homochiraler Bausteine fÃ¼r die enantioselektive Totalsynthese von Cyclopentanoiden mit Esteraseâ€katalysierter asymmetrischer SchlÃ¼sselreaktion. Liebigs Annalen Der Chemie, 1986, 1986, 687-716.	0.8	59
21	Solid-State and Solution Structure of ?-(Phenylsulfonyl)allyllithium. Angewandte Chemie International Edition in English, 1986, 25, 939-941.	4.4	56
22	Polyethylene glycol monomethyl ether-modified pig liver esterase: Preparation, characterization and catalysis of enantioselective hydrolysis in water and acylation in organic solvents. Tetrahedron Letters, 1995, 36, 3833-3836.	1.4	53
23	Asymmetric synthesis of allylic sulfides via palladium-mediated allylation of thiols. Tetrahedron: Asymmetry, 1998, 9, 3353-3357.	1.8	53
24	Synthesis of optically active 3-oxa-carbacyclin precursors featuring asymmetric Horner-Emmons reaction. Tetrahedron Letters, 1988, 29, 1773-1774.	1.4	52
25	About the LiâŠ• Gegenion Effect onÎ±-Sulfonyl Carbanions. Angewandte Chemie International Edition in English, 1990, 29, 100-103.	4.4	52
26	Sind Lithiosulfone konfigurativ stabil?. Angewandte Chemie, 1989, 101, 1061-1063.	2.0	52
27	1,1- and 1,o-Dilithioallyl Phenyl Sulfone: Synthesis, Geminal Cycloalkylation, and Lithium-Titanium Exchange. Angewandte Chemie International Edition in English, 1985, 24, 610-611.	4.4	50
28	Palladium(0)-Catalyzed EnantioselectiveO,S-Rearrangement of RacemicO-Allylic Thiocarbamates:Â A New Entry to Enantioenriched Allylic Sulfur Compounds. Journal of Organic Chemistry, 2002, 67, 1153-1161.	3.2	48
29	Functionalized Chiral Vinyl Aminosulfoxonium Salts:Â Asymmetric Synthesis and Application to the Synthesis of Enantiopure Unsaturated Prolines, Î²,Î³-Dehydro Amino Acids, and Cyclopentanoid Keto Aminosulfoxonium Ylides. Journal of the American Chemical Society, 2006, 128, 7360-7373.	13.7	48
30	BINOL-derived N-phosphino sulfoximines as ligands for asymmetric catalysis. Tetrahedron Letters, 2005, 46, 5643-5646.	1.4	47
31	Palladium(0) catalyzed enantioselective rearrangement of O-allylic thiocarbamates to S-allylic thiocarbamates: asymmetric synthesis of allylic thiols. Tetrahedron: Asymmetry, 1999, 10, 2511-2514.	1.8	45
32	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
33	N-Methylsulfonimidoyl-Substituted (2-Alkenyl)titanium Complexes: Application to the Synthesis of Î²- and Î´-Sulfonimidoyl-Substituted Chiral Homoallylic Alcohols, X-ray Crystal Structure Analysis, and Fluxional Behavior. European Journal of Organic Chemistry, 2000, 2000, 3973-4009.	2.4	44
34	Asymmetric Synthesis of Fused Bicyclic Î±-Amino Acids Having a Hexahydro-cyclopenta[c]pyridine Skeleton via Intramolecular Pausonâ^'Khand Reaction of 1-Sulfonimidoyl-Substituted 5-Azaoct-1-en-7-ynes. Journal of Organic Chemistry, 2003, 68, 8037-8041.	3.2	44
35	Asymmetric Total Synthesis of the Macrolides Brefeldin A and 7-epi-Brefeldin A. Angewandte Chemie International Edition in English, 1984, 23, 145-146.	4.4	43
36	Asymmetric synthesis of disubstituted C-silylated homoallylic alcohols from lithiated allylic and vinylic sulfoximines. Tetrahedron Letters, 1995, 36, 7433-7436.	1.4	42

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37	Asymmetric Synthesis of Protected Î²-Substituted and Î²,Î²-Disubstituted Î²-Amino Acids Bearing Branched Hydroxyalkyl Side Chains and of Protected 1,3-Amino Alcohols with Three Contiguous Stereogenic Centers from Allylic Sulfoximines and Aldehydes. European Journal of Organic Chemistry, 2003, 2003, 1500-1526.	2.4	42
38	Enantioselektive und enantiokonvergente Synthese von Bausteinen zur Totalsynthese cyclopentanoider Naturstoffe. Angewandte Chemie, 1984, 96, 140-141.	2.0	40
39	Ortho lithiation of lithium salts of alkyl phenyl sulfones: A 13C/1H NMR investigation. Tetrahedron Letters, 1988, 29, 1529-1532.	1.4	40
40	Asymmetric Synthesis of the Highly Potent Anti-Metastatic Prostacyclin Analogue Cicaprost and Its Isomer Isocicaprost. Journal of the American Chemical Society, 2003, 125, 9653-9667.	13.7	40
41	Zum Li^{âŠ•}â€Gegenioneffekt bei Î±â€Sulfonylâ€Carbanionen. Angewandte Chemie, 1990, 102, 96-99.	2.0	39
42	Highly Selective Addition of Chiral, Sulfonimidoyl Substituted Bis(allyl)titanium Complexes to N-Sulfonyl Î±-Imino Esters:â€‰ Asymmetric Synthesis of Î³,Î´-Unsaturated Î±-Amino Acids Bearing a Chiral, Electron-Withdrawing Nucleofuge at the Î´-Position. Journal of the American Chemical Society, 2002, 124, 7789-7800.	13.7	39
43	Palladium-Catalyzed Enantioselective 1,3-Rearrangement of Racemic Allylic Sulfinates:Â Asymmetric Synthesis of Allylic Sulfones and Kinetic Resolution of an Allylic Sulfinate. Journal of Organic Chemistry, 2004, 69, 2731-2736.	3.2	38
44	Lithiumâ€koordinierte Î±â€Sulfonylâ€Carbanionen: Synthese und RÃ¶ntgenâ€Strukturanalyse von [CH₂(SO₂C₆H₅)Li(tmeda)]₂. Angewandte Chemie, 1985, 97, 865-865.	2.0	37
45	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
46	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. Journal of the American Chemical Society, 2005, 127, 17910-17920.	13.7	37
47	Asymmetric Synthesis of Spiroketal, Spiroether, and Oxabicycle Building Blocks via Stereoselective Spiro- and Bicycloannulation of 2-Hydroxy Dihydropyrans. Organic Letters, 2008, 10, 2713-2716.	4.6	37
48	Asymmetric Synthesis of Cycloalkenyl and Alkenyloxiranes From Allylic Sulfoximines and Aldehydes and Application to Solid-Phase Synthesis. European Journal of Organic Chemistry, 2004, 2004, 1464-1473.	2.4	36
49	FestkÃ¶rperâ€und LÃ¶sungsstruktur von Î±â€(Phenylsulfonyl)allyllithium. Angewandte Chemie, 1986, 98, 916-917.	2.0	35
50	Lithium-Coordinated ?-Sulfonimidoyl Carbanions: Crystal Study of [(S)-(N-Methyl-S-phenylsulfonimidoyl)methyllithium]4. 2(tmeda) and Configurative Stability of [(N-Methyl-S-phenylsulfonimidoyl)isopropyllithium]. Angewandte Chemie International Edition in English, 1986, 25, 938-939.	4.4	33
51	Experimental and Theoretical Investigation of the Enantiomerization of Lithium Î±â€tertâ€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
52	Chiral Fluorinated Î±â€Sulfonyl Carbanions: Enantioselective Synthesis and Electrophilic Capture, Racemization Dynamics, and Structure. Chemistry - A European Journal, 2013, 19, 3869-3897.	3.3	33
53	Asymmetric Modular Synthesis of Highly Functionalized Medium-Sized Carbocycles and Lactones via Ring-Closing Metathesis of Sulfoximine-Substituted Trienes. Journal of the American Chemical Society, 2006, 128, 15378-15379.	13.7	32
54	Regio- and Enantioselective Substitution of Acyclic Allylic Sulfoximines with Butylcopper in the Presence of Lithium Iodide and Boron Trifluoride. Journal of Organic Chemistry, 1996, 61, 4379-4390.	3.2	31

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55	Asymmetric Elimination with High Induction: Synthesis of 1-Alkenylsulfoximides with Axial and Central Chirality. Angewandte Chemie International Edition in English, 1986, 25, 935-937.	4.4	30
56	Sulfonyl-Stabilized Allylic Norbornenyl and Norbornyl Carbanions: Structure and Stereoselectivity of Reaction with Electrophiles. European Journal of Organic Chemistry, 1999, 1999, 1627-1651.	2.4	30
57			

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73	Asymmetric Synthesis of 3-Oxa-15-deoxy-16-(m-tolyl)-17,18,19,20-tetranorisocarbacyclin and Its Neuroprotective Analogue 15-Deoxy-16-(m-tolyl)-17,18,19,20-tetranorisocarbacyclin Based on the Conjugate Additionâ€“Azoalkeneâ€“Asymmetric Olefination Strategy. Chemistry - A European Journal, 2007, 13, 1784-1795.	3.3	24
74	Lithiumâ€koordinierte Î±â€Sulfonimidoylcarbanionen: Kristallstruktur von [(S)â€(Nâ€Methylâ€Sâ€phenylâ€sulfonimidoyl)methyllithium]₄. 2 (tmeda) und konfigurative StabilitÄt von [(Nâ€Methylâ€Sâ€phenylsulfonimidoyl)isopropyllithium]. Angewandte Chemie, 1986, 98, 914-915.	2.0	23
75	Activity enhancement of pig liver esterase in organic solvents by colyophilization with methoxypolyethylene glycol: kinetic resolution of alcohols. Tetrahedron: Asymmetry, 1997, 8, 3657-3664.	1.8	23
76	Asymmetric aziridination with chiral allyl aminosulfoxonium ylides: synthesis of alkenyl aziridine carboxylates and palladium-catalyzed E,trans/E,cis-isomerization of an alkenyl aziridine. Tetrahedron Letters, 2007, 48, 7102-7107.	1.4	23
77	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. Journal of the American Chemical Society, 2002, 124, 4321-4328.	13.7	22
78	Dynamic Behavior of Chiral Sulfonimidoyl-Substituted Allyl and Alkyl (Dimethylamino)titanium(IV) Complexes:Â Metallotropic Shift, Reversible Î²-Hydride Elimination/Reinsertion, and ab Initio Calculations of Allyl and Alkyl Aminosulfoxonium Ylides. Journal of the American Chemical Society, 2005, 127, 6617-6631.	13.7	22
79	Redox Reaction of the Pd⁰ Complex Bearing the Trost Ligand with mesoâ€Cycloalkeneâ€1,4â€biscarbonates Leading to a Diamidato Pd^{II} Complex and 1,3â€Cycloalkadienes: Enantioselective Desymmetrization Versus Catalyst Deactivation. Chemistry - A European Journal, 2010, 16, 2904-2915.	3.3	22
80	Asymmetric Synthesis of Substituted Homoallyl Alcohols, Halomethyl Tetrahydrofurans, and Chloro-amino Sulfones from Allyltitanium Sulfoximines and Î±-Hetero Aldehydes. Organic Letters, 2007, 9, 579-582.	4.6	21
81	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
82	Stereoselective hydroxyalkylation of titanated allyl sulfoximines at the Î±-as well as the Î³-position through variation of the titanation reagent. Tetrahedron: Asymmetry, 1996, 7, 2505-2508.	1.8	20
83	Formal Asymmetric Synthesis of Pentalenolactone E and Pentalenolactone F-1. Retrosynthesis and Ï€-Facial Differentiation in Palladium-Catalyzed and Dipolar [3 + 2]-Cycloaddition Reactions of Bicyclic Alkenes: Evidence for Electrostatic Control of Stereoselectivity. European Journal of Organic Chemistry, 1998, 1998, 257-273.	2.4	20
84	Ringâ€Closing Metathesis of Sulfoximineâ€Substituted Nâ€Tethered Trienes: Modular Asymmetric Synthesis of Mediumâ€Ring Nitrogen Heterocycles. Chemistry - A European Journal, 2011, 17, 6187-6195.	3.3	20
85	Asymmetrische Eliminierung mit hoher Induktion: Synthese von 1â€Alkenylsulfoximiden mit axialer und zentraler ChiralitÄt. Angewandte Chemie, 1986, 98, 912-914.	2.0	19
86	Fully Stereocontrolled Syntheses of 3-Oxacarbacyclin and Carbacyclin by the Conjugate Addition-Azoalkene-Asymmetric Olefination Strategy. Journal of Organic Chemistry, 2006, 71, 4642-4650.	3.2	19
87	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
88	Asymmetrische Totalsynthese der Makrolide Brefeldin A und 7â€epiâ€Brefeldin A. Angewandte Chemie, 1984, 96, 143-145.	2.0	18
89	Flexible Syntheses of Optically Active Isocarbacyclins. Angewandte Chemie International Edition in English, 1989, 28, 349-351.	4.4	18
90	Asymmetric Synthesis of Isocarbacyclin Based on the Olefination-Isomerization-Coupling Process with Chiral Sulfoximines. European Journal of Organic Chemistry, 1998, 1998, 1319-1335.	2.4	18

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91	Activation of Pig Liver Esterase in Organic Media with Organic Polymers. Application to the Enantioselective Acylation of Racemic Functionalized Secondary Alcohols. Journal of Organic Chemistry, 2001, 66, 3384-3396.	3.2	18
92	Asymmetric synthesis of 3-substituted unsaturated prolines from chiral sulfoximine substituted allyl titanium(IV) complexes. Tetrahedron Letters, 2004, 45, 8343-8346.	1.4	17
93	Enantioselektive Synthese von Cyclopentanoiden, II. Asymmetrische Synthese eines neuen homochiralen Prostaglandinâ€Bausteins via BrÃ¼kenkopfâ€Enolate mit Bicyclo[3.3.0]octanâ€GerÃ¼st. Liebigs Annalen Der Chemie, 1986, 1986, 1179-1212.	0.8	16
94	Flexible Synthesen optisch aktiver Isocarbacycline. Angewandte Chemie, 1989, 101, 362-365.	2.0	16
95	Preparation of enantiomerically pure Î±-hydroxymethyl S-tert-Butyl sulfones by Candida antarctica lipase catalyzed resolution. Tetrahedron: Asymmetry, 1996, 7, 1253-1256.	1.8	15
96	Synthesis of 1,5-P,N-phosphino-sulfoximines through phospha-Michael reaction of alkenyl sulfoximines and their evaluation as ligands in palladium-catalyzed allylic alkylation. Tetrahedron Letters, 2007, 48, 8752-8756.	1.4	15
97	Diastereoselective amination of vinylic sulfoximines: application to the asymmetric synthesis of functionalized Î²-substituted and Î²,Î²-disubstituted Î²-amino acids, and of Î³-amino alcohols. Tetrahedron Letters, 2000, 41, 2851-2854.	1.4	14
98	Formal Asymmetric Synthesis of Pentalenolactone E and Pentalenolactone F-2. Construction of the Angular Diquinanoid Î´-Lactone. European Journal of Organic Chemistry, 1998, 1998, 275-289.	2.4	13
99	Spiroâ€and Bicycloannulation of Sulfoximineâ€Substituted 2â€Hydroxyâ€dihydropyrans: Enantioselective Synthesis of Spiroketals, Spiroethers, and Oxabicycles and Structure of Dihydropyran Oxocarbenium Ions. European Journal of Organic Chemistry, 2014, 2014, 529-553.	2.4	13
100	Development of a Common Fully Stereocontrolled Access to the Medicinally Important and Promising Prostacyclin Analogues Iloprost, 3-Oxa-Iloprost and Cicaprost. Chemistry - A European Journal, 2006, 12, 5610-5617.	3.3	12
101	Synthesis and Structue of[cyclo-C3H4ï£¿SO2Ph]2Ti[OCH(CH3)2]2, aC-Titanatedâ€œÎ±-Sulfonyl Carbanionâ€• Angewandte Chemie International Edition in English, 1988, 27, 1540-1542.	4.4	11
102	Total Synthesis of (+)â€3â€Oxacarbacyclin 2. Stereoselective Deprotonation and Completion of the Synthesis. Liebigs Annalen, 1997, 1997, 2433-2441.	0.8	11
103	Enzymatic resolution of analgesics: Î´-hydroxytramadol, Îµ-hydroxytramadol and O-desmethyltramadol. Tetrahedron: Asymmetry, 2000, 11, 917-928.	1.8	11
104	Stoichiometric Asymmetric Synthesis: Section 1.3. , 0, , 75-115.		11
105	How Torsional Effects Cause Attack at Sterically Crowded Concave Faces of Bicyclic Alkenes. Journal of Organic Chemistry, 2014, 79, 8304-8312.	3.2	11
106	Synthese und Struktur von [cycloâ€C₃H₄â€“SO₂Ph]₂Ti[OCH		

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109	Asymmetric Synthesis of Functionalized Bicyclic Î²â€Amino Alcohols by Cascade Hydrometallationâ€“Cyclizationâ€“Reduction of Glycinylâ€Substituted AlkenylsulfoxÂimines â€“ Application to the Synthesis of an Aggrecanase Inhibitor Mimic. European Journal of Organic Chemistry, 2011, 2011, 5991-6008.	2.4	9
110	Nickelâ€Catalyzed Anionic Crossâ€Coupling Reaction of Lithium Sulfonimidoyl Alkylidene Carbenoids With Organolithiums. Chemistry - A European Journal, 2020, 26, 2914-2926.	3.3	8
111	Sulfoximineâ€Directed Arene orthoâ€Lithiation. European Journal of Organic Chemistry, 2021, 2021, 6229-6246.	2.4	8
112	Lipase catalyzed resolution of Î±-hydroxymethyl sulfones. Determination of absolute configuration by semiempirical calculation of CD spectra and verification by X-ray structure analysis. Tetrahedron: Asymmetry, 1997, 8, 3111-3123.	1.8	7
113	Stereoselective Synthesis of Allylic Sulfoximines fromS-(Chloromethyl)-N-methyl-S-phenylsulfoximine and Alkenyl Cuprates. Synlett, 1998, 1998, 99-101.	1.8	7
114	Catalytic Asymmetric Synthesis: Sections 2.1.4 - 2.1.6. , 0, , 215-297.		6
115	Sulfoximineâ€Based Modular Enantioselective Synthesis of Azaspirocycles Featuring Sulfoximine Displacement, Dianion Cycloalkylation, RCM and Nâ€Acyliminium Ion Formation. European Journal of Organic Chemistry, 2014, 2014, 3355-3371.	2.4	6
116	Experimental and Computational Studies of the Structure of Sulfonimidoyl Vinyllithiums. Chemistry - A European Journal, 2017, 23, 14231-14247.	3.3	6
117	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
118	AB Initio Calculations on Sulfonylmethyl Anions. Phosphorus, Sulfur and Silicon and the Related Elements, 1994, 95, 345-346.	1.6	4
119	Lithiumâ€“Titanium Exchange of Tertiary Î±â€Sulfonyl Carbanions: Synthesis, Structure, Dynamics and Reactivity of Bis(1â€sulfonylalkyl)titaniums. European Journal of Organic Chemistry, 2014, 2014, 7134-7147.	2.4	2
120	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.. ChemInform, 2003, 34, no.	0.0	0
121	Asymmetric Synthesis of Cycloalkenyl and Alkenyloxiranes from Allylic Sulfoximines and Aldehydes and Application to Solid-Phase Synthesis.. ChemInform, 2004, 35, no.	0.0	0
122	Asymmetric Synthesis of 2,3-Dihydrofurans and of Unsaturated Bicyclic Tetrahydrofurans Through Î±-Elimination and Migratory Cyclization of Silyloxy Alkenyl Aminosulfoxonium Salts. Generation and Intramolecular O,Si-Bond Insertion of Chiral Disubstituted Î²-Silyloxy Alkylidene Carbenes.. ChemInform, 2004, 35, no.	0.0	0
123	BINOL-Derived N-Phosphino Sulfoximines as Ligands for Asymmetric Catalysis.. ChemInform, 2005, 36, no.	0.0	0
124	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