

# Ming-Hua Xu

## List of Publications by Year in descending order

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138  
papers

5,806  
citations

61984

43  
h-index

85541

71  
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195  
all docs

195  
docs citations

195  
times ranked

3787  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhodium( <i>i</i> )-catalyzed C–S bond formation <i>via</i> enantioselective carbenoid S–H insertion: catalytic asymmetric synthesis of $\pm$ -thioesters. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3467-3472.	4.5	11
2	Rhodium(I) Carbene-Promoted Enantioselective C–H Functionalization of Simple Unprotected Indoles, Pyrroles and Heteroanalogues: New Mechanistic Insights. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	11
3	Regiospecific and Enantioselective Arylvinylcarbene Insertion of a C–H Bond of Aniline Derivatives Enabled by a Rh(I)-Diene Catalyst. <i>Journal of the American Chemical Society</i> , 2021, 143, 2608-2619.	13.7	61
4	Transition metal-catalyzed asymmetric carbene insertion for synthesis of chiral amines. <i>Chinese Science Bulletin</i> , 2021, 66, 3251-3260.	0.7	2
5	Facile synthesis of coumaronochromones through palladium-catalyzed intramolecular cross dehydrogenative coupling. <i>Tetrahedron</i> , 2021, 85, 132048.	1.9	2
6	Rhodium(I)-Catalyzed Enantioselective C(sp <sup>3</sup> )–H Functionalization <i>via</i> Carbene-Induced Asymmetric Intermolecular C–H Insertion. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1911-1915.	4.9	18
7	A new efficient method for asymmetric synthesis of prostaglandins. <i>Chinese Science Bulletin</i> , 2021, 66, 3645-3648.	0.7	0
8	Stereodivergent Synthesis of Enantioenriched 2,3-Disubstituted Dihydrobenzofurans via a One-Pot C–H Functionalization/Oxa-Michael Addition Cascade. <i>Journal of the American Chemical Society</i> , 2021, 143, 8583-8589.	13.7	74
9	Decennial celebration of SUSTech Chemistry: A fresh start for decades of future excellence. <i>Chinese Science Bulletin</i> , 2021, 66, 3227-3229.	0.7	0
10	Catalytic asymmetric synthesis of chiral tetraarylmethanes. <i>Chinese Science Bulletin</i> , 2021, 66, 2085-2087.	0.7	0
11	Water as a Direct Proton Source for Asymmetric Hydroarylation Catalyzed by a Rh(I)-Diene: Access to Nonproteinogenic $\beta$ -Amino Acid Derivatives. <i>Organic Letters</i> , 2021, 23, 571-577.	4.6	9
12	Applications of Asymmetric Petasis Reaction in the Synthesis of Chiral Amines. <i>Acta Chimica Sinica</i> , 2021, 79, 1345.	1.4	2
13	Palladium-Catalyzed Highly Enantioselective Arylation of Cyclic <i>N</i> -Sulfonyl $\beta$ -Ketimino Esters towards the Synthesis of $\pm$ -Quaternary Chiral Amino Acid Derivatives. <i>ChemCatChem</i> , 2020, 12, 1129-1133.	3.7	7
14	The enantioselective construction of trifluoromethylated quaternary stereocenters <i>via</i> the Rh-catalyzed asymmetric dehydrated arylation of unprotected hemiaminals. <i>Organic Chemistry Frontiers</i> , 2020, 7, 340-344.	4.5	5
15	Development of Bisindole-Substituted Aminopyrazoles as Novel GSK-3 $\beta$ Inhibitors with Suppressive Effects against Microglial Inflammation and Oxidative Neurotoxicity. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3398-3408.	3.5	8
16	Chiral diene-promoted room temperature conjugate arylation: highly enantioselective synthesis of substituted chiral phenylalanine derivatives and $\pm$ , $\pm$ -di(arylmethyl)acetates. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4569-4574.	2.8	7
17	Pd(II)-Catalyzed Asymmetric Annulation toward the Synthesis of 2,3-Disubstituted Chiral Indenols. <i>Journal of Organic Chemistry</i> , 2020, 85, 3887-3893.	3.2	13
18	Metal-free directed C–H borylation. <i>Chinese Science Bulletin</i> , 2020, 65, 331-333.	0.7	1

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19	Transition Metal-Catalyzed Asymmetric Addition of Organoboron Reagents to Aldehydes and Ketones. Chinese Journal of Organic Chemistry, 2020, 40, 255.	1.3	10
20	Asymmetric transformation of aliphatic amines: A breakthrough. Chinese Science Bulletin, 2020, 65, 428-430.	0.7	0
21	Rhodium-Catalyzed Asymmetric Addition of Arylboronic Acids to Glyoxylates: Access to Optically Active Substituted Mandelic Acid Esters. Synlett, 2019, 30, 1693-1697.	1.8	2
22	Rhodium-Catalyzed Enantioselective Addition of Arylboroxines to Isatin-Derived <i>N</i> -Boc Ketimines Using Chiral Phosphite-Olefin Ligands: Asymmetric Synthesis of 3-Aryl-3-amino-2-oxindoles. Organic Letters, 2019, 21, 7493-7497.	4.6	13
23	Construction of Chiral 1,3-Diamines through Rhodium-Catalyzed Asymmetric Arylation of Cyclic <i>N</i> -Sulfonyl Imines. Organic Letters, 2019, 21, 5035-5039.	4.6	13
24	Synthesis of indolo[2,3- <i>c</i> ]coumarins and indolo[2,3- <i>c</i> ]quinolinones via microwave-assisted base-free intramolecular cross dehydrogenative coupling. Tetrahedron, 2019, 75, 1605-1611.	1.9	22
25	Access to Spiroindolines and Spirodihydrobenzofurans via Pd-Catalyzed Domino Heck Spiroyclization through C-H Activation and Carbene Insertion. Organic Letters, 2018, 20, 2728-2732.	4.6	43
26	Rhodium-Catalyzed Enantioselective Alkenylation of Cyclic Ketimines: Synthesis of Multifunctional Chiral $\beta,\beta$ -Disubstituted Allylic Amine Derivatives. Organic Letters, 2018, 20, 2306-2310.	4.6	22
27	Rhodium-catalyzed Asymmetric Arylation of Nitroalkenes Powered by Simple Chiral Sulfur-Olefin Ligands. Journal of the Chinese Chemical Society, 2018, 65, 331-336.	1.4	3
28	Ligand-Controlled Rhodium-Catalyzed Site-Selective Asymmetric Addition of Arylboronic Acids to $\beta,\beta$ -Unsaturated Cyclic <i>N</i> -Sulfonyl Ketimines. Organic Letters, 2018, 20, 1789-1793.	4.6	33
29	Highly enantioselective synthesis of $\beta$ -tertiary chiral amino acid derivatives through rhodium-catalyzed asymmetric arylation of cyclic <i>N</i> -sulfonyl $\beta$ -ketimino esters. Organic and Biomolecular Chemistry, 2018, 16, 4633-4640.	2.8	19
30	Construction of Chiral Tricyclic Indoles through a Rhodium-Catalyzed Asymmetric Arylation Protocol. Organic Letters, 2017, 19, 384-387.	4.6	27
31	Enantioselective Synthesis of <i>gem</i> -Diaryl Benzofuran-3(2- <i>H</i> )-ones via One-Pot Asymmetric Rhodium/Palladium Relay Catalysis. Organic Letters, 2017, 19, 2726-2729.	4.6	17
32	Highly Enantioselective Arylation of <i>N,N</i> -Dimethylsulfamoyl-Protected Aldimines Using Simple Sulfur-Olefin Ligands: Access to Solifenacin and ( <i>S</i> )-(+)-Cryptostyline II. Organic Letters, 2017, 19, 2138-2141.	4.6	32
33	Highly enantioselective Rh/chiral sulfur-olefin-catalyzed arylation of alkyl-substituted non-benzofused cyclic <i>N</i> -sulfonyl ketimines. Organic Chemistry Frontiers, 2017, 4, 2159-2162.	4.5	21
34	Recent advances in rhodium-catalyzed asymmetric synthesis of heterocycles. Organic and Biomolecular Chemistry, 2017, 15, 1029-1050.	2.8	60
35	Chiral Phosphorus-Olefin Ligands for Asymmetric Catalysis. Acta Chimica Sinica, 2017, 75, 655.	1.4	24
36	Transition Metal-Catalyzed Asymmetric Addition of Organoboron Reagents to Imines. Chinese Journal of Organic Chemistry, 2017, 37, 1589.	1.3	27

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37	Ming-Hua Xu. <i>Tetrahedron</i> , 2016, 72, 2606.	1.9	0
38	Construction of Cyclic Sulfamidates Bearing Two <i>gem</i> -Diaryl Stereocenters through a Rhodium-Catalyzed Stepwise Asymmetric Arylation Protocol. <i>Organic Letters</i> , 2016, 18, 2726-2729.	4.6	36
39	Asymmetric Reformatsky-Type Reaction of Isatin-Derived N-Sulfinyl Ketimines: Efficient and Practical Synthesis of Enantiopure Chiral 2-Oxoindolinyl- $\beta$ , $\gamma$ -Amino Esters. <i>Synthesis</i> , 2016, 48, 2595-2602.	2.3	8
40	Intramolecular cross dehydrogenative coupling of 4-substituted coumarins: rapid and efficient access to coumestans and indole[3,2- <i>c</i> ]coumarins. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1111-1115.	4.5	48
41	Access to Indole-Fused Polyheterocycles via Pd-Catalyzed Base-Free Intramolecular Cross Dehydrogenative Coupling. <i>Journal of Organic Chemistry</i> , 2016, 81, 11501-11507.	3.2	52
42	Rhodium-catalyzed asymmetric arylation of N- and O-containing cyclic aldimines: facile and efficient access to highly optically active 3,4-dihydrobenzo[1,4]oxazin-2-ones and dihydroquinoxalinones. <i>Organic Chemistry Frontiers</i> , 2016, 3, 944-948.	4.5	31
43	Rhodium(I)-Catalyzed Highly Enantioselective Insertion of Carbenoid into Si-H: Efficient Access to Functional Chiral Silanes. <i>Journal of the American Chemical Society</i> , 2016, 138, 1498-1501.	13.7	150
44	Simple Open-Chain Phosphite-Olefin as Ligand for Rh-Catalyzed Asymmetric Arylation of Cyclic Ketimines: Enantioselective Access to <i>gem</i> -Diaryl $\beta$ -Amino Acid Derivatives. <i>ACS Catalysis</i> , 2016, 6, 661-665.	11.2	56
45	Rhodium-catalyzed asymmetric intramolecular addition of arylboronic acids to ketones: catalytic enantioselective access to 3-hydroxy-2,3-dihydrobenzofurans bearing a tetrasubstituted carbon stereocenter. <i>Tetrahedron</i> , 2016, 72, 2637-2642.	1.9	12
46	Recent applications of chiral N-tert-butanesulfinyl imines, chiral diene ligands and chiral sulfur-olefin ligands in asymmetric synthesis. <i>Organic Chemistry Frontiers</i> , 2015, 2, 73-89.	4.5	68
47	A highly diastereoselective Friedel-Crafts reaction of indoles with isatin-derived N-sulfinyl ketimines towards the efficient synthesis of chiral tetrasubstituted 3-indolyl-3-aminooxindoles. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3363-3370.	2.8	24
48	Rhodium-Catalyzed Asymmetric Arylation of Cyclic <i>N</i> -Sulfonyl Aryl Alkyl Ketimines: Efficient Access to Highly Enantioenriched $\beta$ -Tertiary Amines. <i>Organic Letters</i> , 2015, 17, 528-531.	4.6	68
49	Facile synthesis of acridines via Pd(0)-diphosphine complex-catalyzed tandem coupling/cyclization protocol. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6580-6586.	2.8	34
50	Rhodium(I)-Catalyzed Asymmetric Carbene Insertion into B-H Bonds: Highly Enantioselective Access to Functionalized Organoboranes. <i>Journal of the American Chemical Society</i> , 2015, 137, 5268-5271.	13.7	151
51	Rhodium-Catalyzed Asymmetric Tandem Cyclization for Efficient and Rapid Access to Underexplored Heterocyclic Tertiary Allylic Alcohols Containing a Tetrasubstituted Olefin. <i>Organic Letters</i> , 2014, 16, 2712-2715.	4.6	59
52	Indium-Mediated Asymmetric Intramolecular Allenylation of N-tert-Butanesulfinyl Imines: Efficient and Practical Access to Chiral 3-Allenyl-4-aminochromanes. <i>Organic Letters</i> , 2014, 16, 4118-4121.	4.6	17
53	Lewis Acid Promoted Diastereoselective Addition of TMS-CN and TMS-CF <sub>3</sub> to Isatin-Derived N-Sulfinyl Ketimines: Synthesis of Optically Active Tetrasubstituted 3-Aminooxindoles. <i>Journal of Organic Chemistry</i> , 2014, 79, 7746-7751.	3.2	39
54	Rhodium-Catalyzed Highly Enantioselective Arylation of Cyclic Diketimines: Efficient Synthesis of Chiral Tetrasubstituted 1,2,5-Thiadiazoline 1,1-Dioxides. <i>Organic Letters</i> , 2014, 16, 3962-3965.	4.6	54

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55	Simple sulfur-olefins as new promising chiral ligands for asymmetric catalysis. <i>Chemical Communications</i> , 2014, 50, 3771-3782.	4.1	110
56	Structure-activity relationship and interaction studies of new SIRT1 inhibitors with the scaffold of 3-(furan-2-yl)-[1,2,4]triazolo[3,4-b][1,3,4]thiadiazole. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3050-3056.	2.2	3
57	Design of a new series of chiral phosphite-olefin ligands and their application in asymmetric catalysis. <i>Organic Chemistry Frontiers</i> , 2014, 1, 738.	4.5	24
58	Chiral Phosphite-Olefin Ligands: Application in Rh-Catalyzed Asymmetric 1,4-Addition of Arylboronic Acids to $\beta$ -Aryl- $\alpha,\beta$ -unsaturated Sulfonates. <i>Acta Chimica Sinica</i> , 2014, 72, 815.	1.4	11
59	A new versatile approach to synthesize enantioenriched 3-hydroxyoxindoles, 1,3-dihydroisobenzofuran and 3-isochromanone derivatives by a rhodium-catalyzed asymmetric arylation-cyclization sequence. <i>Chemical Communications</i> , 2013, 49, 11659.	4.1	29
60	The advantage of biosensor analysis over enzyme inhibition studies for slow dissociating inhibitors: characterization of hydroxamate-based matrix metalloproteinase-12 inhibitors. <i>MedChemComm</i> , 2013, 4, 432.	3.4	7
61	Zn-mediated asymmetric allylation of N-tert-butanesulfinyl ketimines: an efficient and practical access to chiral quaternary 3-aminooxindoles. <i>Chemical Communications</i> , 2013, 49, 1327.	4.1	64
62	Lewis Acid-Catalyzed Intramolecular Aza-Friedel-Crafts Reaction of <i>N</i> -tert-Butanesulfinyl Imines: Efficient Synthesis of Optically Active 9-Amino fluorene Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 50-53.	2.7	12
63	Rhodium-Catalyzed Enantioselective Addition to Unsymmetrical $\beta$ -Diketones: Tandem One-Pot Synthesis of Optically Active 3-Tetrasubstituted Isochroman Derivatives. <i>Chemistry - A European Journal</i> , 2013, 19, 865-869.	3.3	34
64	Enantioselective Synthesis of Chiral 3-Aryl-1-indanones through Rhodium-Catalyzed Asymmetric Intramolecular 1,4-Addition. <i>Journal of Organic Chemistry</i> , 2013, 78, 2736-2741.	3.2	44
65	Simple Branched Sulfur-Olefins as Chiral Ligands for Rh-Catalyzed Asymmetric Arylation of Cyclic Ketimines: Highly Enantioselective Construction of Tetrasubstituted Carbon Stereocenters. <i>Journal of the American Chemical Society</i> , 2013, 135, 971-974.	13.7	232
66	Identification of benzofuran-3-yl(phenyl)methanones as novel SIRT1 inhibitors: Binding mode, inhibitory mechanism and biological action. <i>European Journal of Medicinal Chemistry</i> , 2013, 60, 441-450.	5.5	20
67	Rhodium-Catalyzed Highly Enantioselective Addition of Arylboronic Acids to Cyclic Aldimines: Practical Asymmetric Synthesis of Cyclic Sulfamidates. <i>Synthesis</i> , 2013, 45, 2125-2133.	2.3	31
68	Chiral Sulfinamide-Olefin Ligands: Switchable Selectivity in Rhodium-Catalyzed Asymmetric 1,2-Addition of Arylboronic Acids to Aliphatic $\alpha,\beta$ -Ketoesters. <i>Chinese Journal of Chemistry</i> , 2013, 31, 321-328.	4.9	19
69	Design of N-cinnamyl sulfinamides as new sulfur-containing olefin ligands for asymmetric catalysis: achieving structural simplicity with a categorical linear framework. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1764.	2.8	52
70	Rhodium-catalyzed enantioselective 1,2-addition of arylboronic acids to heteroaryl $\alpha,\beta$ -ketoesters for synthesis of heteroaromatic $\beta$ -hydroxy esters. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9158.	2.8	19
71	Lewis Acid Promoted Highly Diastereoselective Patai Borono-Mannich Reaction: Efficient Synthesis of Optically Active $\beta,\beta$ -Unsaturated $\beta$ -Amino Acids. <i>Organic Letters</i> , 2012, 14, 2062-2065.	4.6	67
72	Efficient synthesis of optically active $\beta$ -quaternary amino acids by highly diastereoselective [2,3]-rearrangement of allylic ammonium ylides. <i>Chemical Communications</i> , 2012, 48, 7274.	4.1	21

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73	Rhodium-Catalyzed, Highly Enantioselective 1,2-Addition of Aryl Boronic Acids to $\alpha,\beta$ -Ketoesters and $\alpha,\beta$ -Diketones Using Simple, Chiral Sulfur-Olefin Ligands. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 780-783.	13.8	120
74	Design of N-sulfinyl homoallylic amines as novel sulfinamide-olefin hybrid ligands for asymmetric catalysis: application in Rh-catalyzed enantioselective 1,4-additions. <i>Chemical Communications</i> , 2011, 47, 7230.	4.1	81
75	Design of Chiral Sulfoxide-Olefins as a New Class of Sulfur-Based Olefin Ligands for Asymmetric Catalysis. <i>Organic Letters</i> , 2011, 13, 3410-3413.	4.6	88
76	Highly diastereoselective Friedel-Crafts reaction of arenes with N-tert-butanesulfinylimino ester towards the efficient synthesis of $\alpha$ -arylglycines. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 8452.	2.8	31
77	Biscinchona alkaloids as highly efficient bifunctional organocatalysts for the asymmetric conjugate addition of malonates to nitroalkenes at ambient temperature. <i>Tetrahedron</i> , 2011, 67, 10186-10194.	1.9	27
78	Sml <sub>2</sub> -promoted imino-Reformatsky reaction for facile synthesis of enantioenriched $\beta$ -amino acid esters. <i>Science China Chemistry</i> , 2011, 54, 61-65.	8.2	5
79	Ruthenium(II)-Catalyzed Asymmetric Transfer Hydrogenation Using Unsymmetrical Vicinal Diamine-Based Ligands: Dramatic Substituent Effect on Catalyst Efficiency. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4205-4211.	2.4	26
80	Development of Bicyclo[3.3.0]octadiene- or Dicyclopentadiene-Based Chiral Diene Ligands for Transition-Metal-Catalyzed Reactions. <i>Synlett</i> , 2011, 2011, 1345-1356.	1.8	31
81	Highly Diastereoselective Indium-Mediated Allenylation of <i>N</i> -tert-Butanesulfinyl Imino Ester: Efficient Synthesis of Optically Active $\alpha$ -Allenylglycines. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3136-3140.	4.3	31
82	Rhodium-Catalyzed Asymmetric Conjugate Addition of Organoboronic Acids to Nitroalkenes Using Chiral Bicyclo[3.3.0] Diene Ligands. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5780-5783.	13.8	120
83	Studies on gas-phase cyclometalations of [ArNi(PPh <sub>3</sub> ) <sub>3</sub> ] <sup>+</sup> ( <i>n</i> = 1) Tj ETQq1 1 0.784314 rgBT / O <i>Spectrometry</i> , 2010, 21, 1265-1274.	2.8	6
84	One-Pot Synthesis of Chiral $\alpha$ -Methylene- $\beta$ -lactams with Excellent Diastereoselectivities and Enantioselectivities. <i>Organic Letters</i> , 2010, 12, 5154-5157.	4.6	56
85	Dramatic lithium chloride effect on the reaction stereocontrol in Zn-mediated asymmetric cinnamylation: highly practical synthesis of $\beta$ -aryl homoallylic amines. <i>Chemical Communications</i> , 2010, 46, 8460.	4.1	55
86	Chiral Diene as the Ligand for the Synthesis of Axially Chiral Compounds via Palladium-Catalyzed Suzuki-Miyaura Coupling Reaction. <i>Organic Letters</i> , 2010, 12, 5546-5549.	4.6	107
87	Nickel-Catalyzed Asymmetric Ullmann Coupling for the Synthesis of Axially Chiral Tetra-ortho-Substituted Biaryl Dials. <i>Organic Letters</i> , 2010, 12, 1072-1075.	4.6	48
88	Highly diastereoselective Friedel-Crafts reaction of indoles with an N-tert-butanesulfinylimino ester: an efficient and practical approach to enantiomerically enriched $\alpha$ -(3-indolyl)glycines. <i>Chemical Communications</i> , 2010, 46, 1550.	4.1	39
89	Highly Enantioselective Synthesis of (Diarylmethyl)amines by Rhodium-Catalyzed $\alpha$ -Arylation of N-Nosylimines Using a Chiral Bicyclo[3.3.0]diene Ligand. <i>Synthesis</i> , 2010, 2010, 3263-3267.	2.3	1
90	One-pot synthesis of furocoumarins via sequential Pd/Cu-catalyzed alkynylation and intramolecular hydroalkoxylation. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3073.	2.8	41

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91	Rhodium/diene-catalyzed asymmetric arylation of N-sulfonyl indolylimines: a new access to highly optically active 1±-aryl 3-indolyl-methanamines. <i>Chemical Communications</i> , 2010, 46, 9223.	4.1	41
92	Concise Asymmetric Synthesis of Antimalarial Alkaloid (+)-Febrifugine. <i>Synlett</i> , 2009, 2009, 2301-2304.	1.8	2
93	A New Approach to Pyrrolocoumarin Derivatives by Palladium-Catalyzed Reactions: Expedient Construction of Polycyclic Lamellarin Scaffold. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2005-2012.	4.3	56
94	Highly Efficient Asymmetric Synthesis of Vinylic Amino Alcohols by Zn-Promoted Benzoyloxyallylation of Chiral N-tert-Butanesulfinyl Imines: Facile and Rapid Access to (±)-Cytozoxone. <i>Chemistry - A European Journal</i> , 2009, 15, 10217-10224.	3.3	44
95	Rapid assembly of anti-1,3-diol units with 2-quaternary carbon stereocenter via samarium diiodide-promoted tandem Aldol/Evans-Tishchenko reaction. <i>Tetrahedron Letters</i> , 2009, 50, 3381-3384.	1.4	11
96	InBr <sub>3</sub> -catalyzed direct alkynylation of nitrones with terminal alkynes: an efficient synthesis of N-hydroxy-propargyl amines. <i>Tetrahedron Letters</i> , 2009, 50, 2952-2955.	1.4	23
97	Catalytic Enantioselective Synthesis of Chiral Phthalides by Efficient Reductive Cyclization of 2-Acylarylcarboxylates under Aqueous Transfer Hydrogenation Conditions. <i>Organic Letters</i> , 2009, 11, 4712-4715.	4.6	89
98	Samarium diiodide-promoted electrophilic amination of ketone enolates: efficient synthesis of quaternary carbon-containing 1±-aminated ketones. <i>Tetrahedron Letters</i> , 2008, 49, 5807-5809.	1.4	16
99	Study on mass spectrometric behavior of samarium di-iodide in tetrahydrofuran solution. <i>International Journal of Mass Spectrometry</i> , 2008, 270, 62-67.	1.5	4
100	Easily Accessible C <sub>2</sub> -Symmetric Chiral Bicyclo[3.3.0] Dienes as Ligands for Rhodium-Catalyzed Asymmetric 1,4-Addition. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1511-1516.	3.3	62
101	Highly Practical Catalytic Asymmetric 1,4-Addition of Arylboronic Acids in Water Using New Hydrophilic Chiral Bicyclo[3.3.0] Diene Ligands. <i>Organic Letters</i> , 2008, 10, 4101-4104.	4.6	89
102	An Advance on Exploring N-tert-Butanesulfinyl Imines in Asymmetric Synthesis of Chiral Amines. <i>Accounts of Chemical Research</i> , 2008, 41, 831-840.	15.6	254
103	Concise Asymmetric Synthesis of (+)-CP-99,994 and (+)-L-733,060 via Efficient Construction of Homochiral syn-1,2-Diamines and syn-1,2-Amino Alcohols. <i>Journal of Organic Chemistry</i> , 2008, 73, 3307-3310.	3.2	71
104	An Efficient and Versatile Approach for Optical Resolution of C <sub>2</sub> -Symmetric Axially Chiral Biaryl Dials. Synthesis of Enantiopure Biaryl-Derived Cyclic trans-1,2-Diols. <i>Organic Letters</i> , 2008, 10, 1243-1246.	4.6	38
105	Remarkable Salt Effect on In-Mediated Allylation of N-tert-Butanesulfinyl Imines in Aqueous Media: Highly Practical Asymmetric Synthesis of Chiral Homoallylic Amines and Isoindolinones. <i>Organic Letters</i> , 2008, 10, 1259-1262.	4.6	138
106	Unusual heterochiral crystallization tendency of 3-arylphthalide compounds in non-racemic solution: reinvestigation on asymmetric Ni-catalyzed tandem reaction of substituted o-halobenzaldehydes. <i>Tetrahedron Letters</i> , 2007, 48, 7508-7511.	1.4	22
107	Design of C <sub>2</sub> -Symmetric Tetrahydropentalenes as New Chiral Diene Ligands for Highly Enantioselective Rh-Catalyzed Arylation of N-Tosylarylimines with Arylboronic Acids. <i>Journal of the American Chemical Society</i> , 2007, 129, 5336-5337.	13.7	364
108	Room-Temperature Highly Diastereoselective Zn-Mediated Allylation of Chiral N-tert-Butanesulfinyl Imines: Remarkable Reaction Condition Controlled Stereoselectivity Reversal. <i>Organic Letters</i> , 2006, 8, 4979-4982.	4.6	117

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109	Catalytic Enantioselective Synthesis of Chiral Phthalides by SmI <sub>2</sub> -Mediated Reductive Cyclization of 2-Acylarylcarboxylates. <i>Journal of the American Chemical Society</i> , 2006, 128, 5624-5625.	13.7	17
110	A Highly Efficient and Direct Approach for Synthesis of Enantiopure $\hat{1}^2$ -Amino Alcohols by Reductive Cross-Coupling of Chiral N-tert-Butanesulfinyl Imines with Aldehydes.. <i>ChemInform</i> , 2006, 37, no.	0.0	0
111	Lipase-Catalyzed Desymmetrization of Quaternary Carbon-Containing 1,3-Propanediols: A New Entry to the Asymmetric Synthesis of $\hat{1}^{\pm}$ -Substituted Serine Analogues. <i>Synlett</i> , 2006, 2006, 1201-1204.	1.8	2
112	A Highly Efficient and Direct Approach for Synthesis of Enantiopure $\hat{1}^2$ -Amino Alcohols by Reductive Cross-Coupling of Chiral N-tert-Butanesulfinyl Imines with Aldehydes. <i>Journal of the American Chemical Society</i> , 2005, 127, 11956-11957.	13.7	121
113	Enantioselective Dihydroxylation of Alkenes Catalyzed by a PEG-Bound Bi-Cinchona Alkaloid Ligand. <i>Chinese Journal of Chemistry</i> , 2005, 23, 68-70.	4.9	3
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