Xing-Wen Sun

List of Publications by Year
in descending order

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		331538	330025
41	1,378	21	37
papers	citations	h-index	g-index

47	47	47	1200
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Advance on Exploring N-tert-Butanesulfinyl Imines in Asymmetric Synthesis of Chiral Amines. Accounts of Chemical Research, 2008, 41, 831-840.	7.6	254
2	Remarkable Salt Effect on In-Mediated Allylation of N-tert-Butanesulfinyl Imines in Aqueous Media:â€‰ Highly Practical Asymmetric Synthesis of Chiral Homoallylic Amines and Isoindolinones. Organic Letters, 2008, 10, 1259-1262.	2.4	138
3	Room-Temperature Highly Diastereoselective Zn-Mediated Allylation of ChiralN-tert-Butanesulfinyl Imines:â€‰ Remarkable Reaction Condition Controlled Stereoselectivity Reversal. Organic Letters, 2006, 8, 4979-4982.	2.4	117
4	Recent applications of chiral N-tert-butanesulfinyl imines, chiral diene ligands and chiral sulfurâ€“olefin ligands in asymmetric synthesis. Organic Chemistry Frontiers, 2015, 2, 73-89.	2.3	68
5	Dramatic lithium chloride effect on the reaction stereocontrol in Zn-mediated asymmetric cinnamylation: highly practical synthesis of Î²-aryl homoallylic amines. Chemical Communications, 2010, 46, 8460.	2.2	55
6	Highly efficient asymmetric construction of quaternary carbon-containing homoallylic and homopropargylic amines. Chemical Communications, 2013, 49, 5402.	2.2	54
7	Squaramideâ€Catalyzed Synthesis of Enantioenriched Spirocyclic Oxindoles via Ketimine Intermediates with Multiple Active Sites. Angewandte Chemie - International Edition, 2015, 54, 13253-13257.	7.2	49
8	Iridium complex-linked porous organic polymers for recyclable, broad-scope photocatalysis of organic transformations. Green Chemistry, 2020, 22, 136-143.	4.6	47
9	Highly Efficient Asymmetric Synthesis of Vinylic Amino Alcohols by Znâ€Promoted Benzoyloxyallylation of Chiral Nâ€tertâ€Butanesulfinyl Imines: Facile and Rapid Access to (â^')â€Cytoxazone. Chemistry - A European Journal, 2009, 15, 10217-10224.	1.7	44
10	An eco-benign and highly efficient access to 3-heterocyclic-substituted isoindolinones in ammonia water. Green Chemistry, 2013, 15, 896.	4.6	41
11	Highly Efficient Asymmetric Synthesis of Enantiopure Dihydro-1,2-oxazines: Dual-Organocatalyst-Promoted Asymmetric Cascade Reaction. Organic Letters, 2012, 14, 3818-3821.	2.4	40
12	A highly efficient access to enantiopure tetrahydropyridines: dual-organocatalyst-promoted asymmetric cascade reaction. Chemical Communications, 2013, 49, 4024.	2.2	32
13	Organocatalytic Aza-Michael/Michael Cyclization Cascade Reaction: Enantioselective Synthesis of Spiro-oxindole Piperidin-2-one Derivatives. Organic Letters, 2020, 22, 3351-3355.	2.4	32
14	Asymmetric cinnamylation of N-tert-butanesulfinyl imines with cinnamyl acetates: total syntheses of (+)-lycoricidine and (+)-7-deoxypancratistatin. Chemical Communications, 2017, 53, 3520-3523.	2.2	28
15	One-pot enantioselective construction of indoloquinolizidine derivatives bearing five contiguous stereocenters using aliphatic aldehydes, nitroethylenes, and tryptamine. Chemical Communications, 2014, 50, 10027-10030.	2.2	26
16	Asymmetric synthesis of poly-substituted spirocyclohexane oxindole via a squaramide catalyzed cascade Michaelâ€“Michaelâ€“aldol sequence. Organic Chemistry Frontiers, 2015, 2, 110-113.	2.3	26
17	Dual-Organocatalyst-Promoted Asymmetric Cascade Reaction: Highly Efficient Construction of Enantiopure Fully Substituted Tetrahydro-1,2-oxazines. Organic Letters, 2014, 16, 752-755.	2.4	25
18	Asymmetric Organocatalytic [4 + 1] Annulations: Enantioselective Construction of Multifunctionalized Spirocyclopentane Oxindoles Bearing Î±,Î±-Disubstituted Î±-Amino-Î²-keto Esters. Organic Letters, 2018, 20, 2888-2891.	2.4	25

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19	Asymmetric Synthesis of Chiral Spiroketal Bisphosphine Ligands and Their Application in Enantioselective Olefin Hydrogenation. Journal of Organic Chemistry, 2018, 83, 12838-12846.	1.7	24
20	A convenient synthesis of chiral vinyl aziridines via aza-Barbierâ€“Darzen type reaction. Tetrahedron Letters, 2013, 54, 3586-3590.	0.7	23
21	Porous Ru(bpy)₃²⁺-Linked Polymers for Recyclable Photocatalysis of Enantioselective Alkylation of Aldehydes. ACS Macro Letters, 2020, 9, 90-95.	2.3	22
22	A highly efficient asymmetric synthesis of quaternary stereocenter-containing indolizidine and quinolizidine alkaloids using aldehydes, nitroalkenes, and unactivated cyclic ketimines. Chemical Communications, 2014, 50, 15913-15915.	2.2	19
23	Asymmetric Total Syntheses of (â^')â€Î±â€Lycorane, (â^')â€Zephyranthine, and Formal Synthesis of (+)â€Clivonine. Chemistry - an Asian Journal, 2017, 12, 1309-1313.	1.7	19
24	Enantioselective synthesis of spirooxindole benzoquinolizines via organo-catalyzed cascade reactions. Organic and Biomolecular Chemistry, 2017, 15, 778-781.	1.5	19
25	Enantioselective arylâ€“aryl coupling facilitated by chiral binuclear gold complexes. Chemical Communications, 2019, 55, 12988-12991.	2.2	18
26	Novel one-pot asymmetric cascade approach toward densely substituted enantioenriched Î±-methylene-Î³-lactams. Tetrahedron Letters, 2014, 55, 6105-6108.	0.7	17
27	Practical Asymmetric Synthesis of Amathaspiramides B, D, and F. Organic Letters, 2016, 18, 1996-1999.	2.4	16
28	Organocatalyzed asymmetric synthesis and absolute configuration assignment of enantioenriched Î±-benzylaminocoumarins. Tetrahedron Letters, 2015, 56, 913-917.	0.7	12
29	Highly efficient synthesis of enantioenriched fully-substituted spirocyclohexane oxindoles via a Michael-Michael-aldol cascade reaction. Tetrahedron Letters, 2016, 57, 5673-5676.	0.7	12
30	A Convenient and Efficient Synthesis of Coumarin-Containing Phthalides and Derivatives. Synthesis, 2013, 45, 1181-1190.	1.2	11
31	A highly practical approach to chiral homoallylicâ€“homopropargylic amines via aza-Barbier reaction. Tetrahedron Letters, 2016, 57, 2147-2151.	0.7	10
32	Dual-organocatalytic Michael/Michael/aldol cascade reaction for the asymmetric construction of fully-substituted cyclohexane. Tetrahedron Letters, 2016, 57, 5768-5770.	0.7	8
33	Unexpected Insertion of Nitrogen into a Câ€“C Bond: Access to 2,3-Disubstituted Quinazolinone Scaffolds. Organic Letters, 2021, 23, 4579-4583.	2.4	7
34	Base-controlled dearomative [3 + 2] cycloadditions between 3-nitro-indoles and fumaric acid amide esters. Organic and Biomolecular Chemistry, 2022, 20, 3072-3075.	1.5	7
35	Samarium Diiodide Promoted Tandem Î²-Elimination and Cross-Pinacol Coupling: A New Access to 1-Vinyl-1,2-diols with Two Adjacent Quaternary Carbon Centers. Synthesis, 2012, 44, 2763-2769.	1.2	5
36	Asymmetric synthesis of pyrrolo[2,3â€“b]indole scaffolds by organocatalytic [3Â+Â2] dearomative annulation. Tetrahedron Letters, 2022, 103, 153969.	0.7	5

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37	Diastereoselective Allylation of N-tert-Butanesulfinyl Imines: An Asymmetric Synthesis Experiment for the Undergraduate Organic Laboratory. Journal of Chemical Education, 2015, 92, 714-718.	1.1	3
38	Porous dynamic covalent polymers as promising reversal agents for heparin anticoagulants. Journal of Materials Chemistry B, 2022, 10, 3268-3276.	2.9	3
39	An efficient access to N-tert-butanesulfinyl aldimines in water: Application to one-pot synthesis of homoallylic amines, (+)-crispine A and (â^')-coniine. Journal of Saudi Chemical Society, 2018, 22, 654-664.	2.4	2
40	Asymmetric synthesis of chiral 1,2-oxazinane and hexahydropyridazin spirocyclic scaffolds by organocatalytic [4 + 2] cycloaddition. RSC Advances, 2022, 12, 15713-15717.	1.7	1
41	Methyltrioxorhenium/urea hydrogen peroxide catalyzed oxidation of N-sulfinyl imines: A mild and highly efficient access to N-sulfonyl aldimines, ketimines and Î±-ketiminoesters. Tetrahedron Letters, 2020, 61, 152587.	0.7	0