

Xing-Wen Sun

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41
papers

1,175
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47
ext. papers

1,285
ext. citations

5.4
avg, IF

4.43
L-index

#	Paper	IF	Citations
41	An advance on exploring N-tert-butanesulfinyl imines in asymmetric synthesis of chiral amines. <i>Accounts of Chemical Research</i> , 2008 , 41, 831-40	24.3	242
40	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, 1259-62	6.2	130
39	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, 4978-82	6.2	114
38	Recent applications of chiral N-tert-butanesulfinyl imines, chiral diene ligands and chiral sulfurblefin ligands in asymmetric synthesis. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 73-89	5.2	56
37	Highly efficient asymmetric construction of quaternary carbon-containing homoallylic and homopropargylic amines. <i>Chemical Communications</i> , 2013 , 49, 5402-4	5.8	51
36	Dramatic lithium chloride effect on the reaction stereocontrol in Zn-mediated asymmetric cinnamylation: highly practical synthesis of β-aryl homoallylic amines. <i>Chemical Communications</i> , 2010 , 46, 8460-2	5.8	47
35	Squaramide-Catalyzed Synthesis of Enantioenriched Spirocyclic Oxindoles via Ketimine Intermediates with Multiple Active Sites. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13253-7	16.4	42
34	Highly efficient asymmetric synthesis of vinylic amino alcohols by Zn-promoted benzoyloxyallylation of chiral N-tert-butanesulfinyl imines: facile and rapid access to (-)-cytoxazone. <i>Chemistry - A European Journal</i> , 2009 , 15, 10217-24	4.8	42
33	Highly efficient asymmetric synthesis of enantiopure dihydro-1,2-oxazines: dual-organocatalyst-promoted asymmetric cascade reaction. <i>Organic Letters</i> , 2012 , 14, 3818-21	6.2	37
32	An eco-benign and highly efficient access to 3-heterocyclic-substituted isoindolinones in ammonia water. <i>Green Chemistry</i> , 2013 , 15, 896	10	35
31	Iridium complex-linked porous organic polymers for recyclable, broad-scope photocatalysis of organic transformations. <i>Green Chemistry</i> , 2020 , 22, 136-143	10	27
30	Asymmetric cinnamylation of N-tert-butanesulfinyl imines with cinnamyl acetates: total syntheses of (+)-lycoricidine and (+)-7-deoxypancratistatin. <i>Chemical Communications</i> , 2017 , 53, 3520-3523	5.8	25
29	A highly efficient access to enantiopure tetrahydropyridines: dual-organocatalyst-promoted asymmetric cascade reaction. <i>Chemical Communications</i> , 2013 , 49, 4024-6	5.8	25
28	Asymmetric synthesis of poly-substituted spirocyclohexane oxindole via a squaramide catalyzed cascade Michael-Michael-aldol sequence. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 110-113	5.2	23
27	Dual-organocatalyst-promoted asymmetric cascade reaction: highly efficient construction of enantiopure fully substituted tetrahydro-1,2-oxazines. <i>Organic Letters</i> , 2014 , 16, 752-5	6.2	22
26	Asymmetric Organocatalytic [4 + 1] Annulations: Enantioselective Construction of Multifunctionalized Spirocyclopentane Oxindoles Bearing β-Disubstituted β-Amino-β-keto Esters. <i>Organic Letters</i> , 2018 , 20, 2888-2891	6.2	21
25	One-pot enantioselective construction of indoloquinolizidine derivatives bearing five contiguous stereocenters using aliphatic aldehydes, nitroethylenes, and tryptamine. <i>Chemical Communications</i> , 2014 , 50, 10027-30	5.8	21

24	A convenient synthesis of chiral vinyl aziridines via aza-Barbier-Darzen type reaction. <i>Tetrahedron Letters</i> , 2013 , 54, 3586-3590	2	21
23	Enantioselective synthesis of spirooxindole benzoquinolizines via organo-catalyzed cascade reactions. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 778-781	3.9	17
22	Organocatalytic Aza-Michael/Michael Cyclization Cascade Reaction: Enantioselective Synthesis of Spiro-oxindole Piperidin-2-one Derivatives. <i>Organic Letters</i> , 2020 , 22, 3351-3355	6.2	16
21	Asymmetric Synthesis of Chiral Spiroketal Bisphosphine Ligands and Their Application in Enantioselective Olefin Hydrogenation. <i>Journal of Organic Chemistry</i> , 2018 , 83, 12838-12846	4.2	16
20	Novel one-pot asymmetric cascade approach toward densely substituted enantioenriched β -methylene-lactams. <i>Tetrahedron Letters</i> , 2014 , 55, 6105-6108	2	15
19	A highly efficient asymmetric synthesis of quaternary stereocenter-containing indolizidine and quinolizidine alkaloids using aldehydes, nitroalkenes, and unactivated cyclic ketimines. <i>Chemical Communications</i> , 2014 , 50, 15913-5	5.8	14
18	Asymmetric Total Syntheses of (-)-Lycorane, (-)-Zephyranthine, and Formal Synthesis of (+)-Clivonine. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 1309-1313	4.5	13
17	Porous Ru(bpy) ₃ ²⁺ -Linked Polymers for Recyclable Photocatalysis of Enantioselective Alkylation of Aldehydes. <i>ACS Macro Letters</i> , 2020 , 9, 90-95	6.6	13
16	Highly efficient synthesis of enantioenriched fully-substituted spirocyclohexane oxindoles via a Michael-Michael-aldol cascade reaction. <i>Tetrahedron Letters</i> , 2016 , 57, 5673-5676	2	12
15	Practical Asymmetric Synthesis of Amathaspiramides B, D, and F. <i>Organic Letters</i> , 2016 , 18, 1996-9	6.2	12
14	Organocatalyzed asymmetric synthesis and absolute configuration assignment of enantioenriched β -benzylaminocoumarins. <i>Tetrahedron Letters</i> , 2015 , 56, 913-917	2	11
13	A Convenient and Efficient Synthesis of Coumarin-Containing Phthalides and Derivatives. <i>Synthesis</i> , 2013 , 45, 1181-1190	2.9	9
12	Enantioselective aryl-aryl coupling facilitated by chiral binuclear gold complexes. <i>Chemical Communications</i> , 2019 , 55, 12988-12991	5.8	9
11	Squaramide-Catalyzed Synthesis of Enantioenriched Spirocyclic Oxindoles via Ketimine Intermediates with Multiple Active Sites. <i>Angewandte Chemie</i> , 2015 , 127, 13451-13455	3.6	8
10	A highly practical approach to chiral homoallylic-homopropargylic amines via aza-Barbier reaction. <i>Tetrahedron Letters</i> , 2016 , 57, 2147-2151	2	7
9	Dual-organocatalytic Michael/Michael/aldol cascade reaction for the asymmetric construction of fully-substituted cyclohexane. <i>Tetrahedron Letters</i> , 2016 , 57, 5768-5770	2	6
8	Chiral Drugs through Asymmetric Synthesis 2011 , 29-76		5
7	Samarium Diiodide Promoted Tandem β -Elimination and Cross-Pinacol Coupling: A New Access to 1-Vinyl-1,2-diols with Two Adjacent Quaternary Carbon Centers. <i>Synthesis</i> , 2012 , 44, 2763-2769	2.9	5

6	Diastereoselective Allylation of N-tert-Butanesulfinyl Imines: An Asymmetric Synthesis Experiment for the Undergraduate Organic Laboratory. <i>Journal of Chemical Education</i> , 2015 , 92, 714-718	2.4	3
5	An efficient access to N-tert-butanesulfinyl aldimines in water: Application to one-pot synthesis of homoallylic amines, (+)-crispine A and (–)-coniine. <i>Journal of Saudi Chemical Society</i> , 2018 , 22, 654-664	4.3	1
4	Unexpected Insertion of Nitrogen into a C-C Bond: Access to 2,3-Disubstituted Quinazolinone Scaffolds. <i>Organic Letters</i> , 2021 , 23, 4579-4583	6.2	1
3	Innentitelbild: Squaramide-Catalyzed Synthesis of Enantioenriched Spirocyclic Oxindoles via Ketimine Intermediates with Multiple Active Sites (Angew. Chem. 45/2015). <i>Angewandte Chemie</i> , 2015 , 127, 13332-13332	3.6	
2	Methyltrioxorhenium/urea hydrogen peroxide catalyzed oxidation of N-sulfinyl imines: A mild and highly efficient access to N-sulfonyl aldimines, ketimines and ketiminoesters. <i>Tetrahedron Letters</i> , 2020 , 61, 152587	2	
1	Asymmetric synthesis of chiral 1,2-oxazinane and hexahydropyridazin spirocyclic scaffolds by organocatalytic [4 + 2] cycloaddition. <i>RSC Advances</i> , 2022 , 12, 15713-15717	3.7	