Xing-Wen Sun

List of Publications by Year in Descending Order

41 papers	1,175 citations	18 h-index	34 g-index
47 ext. papers	1,285 ext. citations	5.4 avg, IF	4.43 L-index

#	Paper	IF	Citations
41	Asymmetric synthesis of chiral 1,2-oxazinane and hexahydropyridazin spirocyclic scaffolds by organocatalytic [4 + 2] cycloaddition. *RSC Advances*, **2022**, 12, 15713-15717	3.7	
40	Unexpected Insertion of Nitrogen into a C-C Bond: Access to 2,3-Disubstituted Quinazolinone Scaffolds. *Organic Letters*, **2021**, 23, 4579-4583	6.2	1
39	Organocatalytic Aza-Michael/Michael Cyclization Cascade Reaction: Enantioselective Synthesis of Spiro-oxindole Piperidin-2-one Derivatives. *Organic Letters*, **2020**, 22, 3351-3355	6.2	16
38	Iridium complex-linked porous organic polymers for recyclable, broad-scope photocatalysis of organic transformations. *Green Chemistry*, **2020**, 22, 136-143	10	27
37	Porous Ru(bpy)32+-Linked Polymers for Recyclable Photocatalysis of Enantioselective Alkylation of Aldehydes. *ACS Macro Letters*, **2020**, 9, 90-95	6.6	13
36	Methyltrioxorhenium/urea hydrogen peroxide catalyzed oxidation of N-sulfinyl imines: A mild and highly efficient access to N-sulfonyl aldimines, ketimines and α-ketiminoesters. *Tetrahedron Letters*, **2020**, 61, 152587	2	
35	Enantioselective aryl-aryl coupling facilitated by chiral binuclear gold complexes. *Chemical Communications*, **2019**, 55, 12988-12991	5.8	9
34	An efficient access to N-tert-butanesulfinyl aldimines in water: Application to one-pot synthesis of homoallylic amines, (+)-crispine A and (−)-coniine. *Journal of Saudi Chemical Society*, **2018**, 22, 654-664	4.3	1
33	Asymmetric Organocatalytic [4 + 1] Annulations: Enantioselective Construction of Multifunctionalized Spirocyclopentane Oxindoles Bearing 3,4-Disubstituted α-Amino-β-keto Esters. *Organic Letters*, **2018**, 20, 2888-2891	6.2	21
32	Asymmetric Synthesis of Chiral Spiroketal Bisphosphine Ligands and Their Application in Enantioselective Olefin Hydrogenation. *Journal of Organic Chemistry*, **2018**, 83, 12838-12846	4.2	16
31	Asymmetric cinnamylation of N-tert-butanesulfinyl imines with cinnamyl acetates: total syntheses of (+)-lycoricidine and (+)-7-deoxypancratistatin. *Chemical Communications*, **2017**, 53, 3520-3523	5.8	25
30	Asymmetric Total Syntheses of (-)-α-Lycorane, (-)-Zephyranthine, and Formal Synthesis of (+)-Clivonine. *Chemistry - an Asian Journal*, **2017**, 12, 1309-1313	4.5	13
29	Enantioselective synthesis of spirooxindole benzoquinolizines via organo-catalyzed cascade reactions. *Organic and Biomolecular Chemistry*, **2017**, 15, 778-781	3.9	17
28	Dual-organocatalytic Michael/Michael/aldol cascade reaction for the asymmetric construction of fully-substituted cyclohexane. *Tetrahedron Letters*, **2016**, 57, 5768-5770	2	6
27	Highly efficient synthesis of enantioenriched fully-substituted spirocyclohexane oxindoles via a Michael-Michael-aldol cascade reaction. *Tetrahedron Letters*, **2016**, 57, 5673-5676	2	12
26	A highly practical approach to chiral homoallylic–homopropargylic amines via aza-Barbier reaction. *Tetrahedron Letters*, **2016**, 57, 2147-2151	2	7
25	Practical Asymmetric Synthesis of Amathaspiramides B, D, and F. *Organic Letters*, **2016**, 18, 1996-9	6.2	12

24	Innentitelbild: Squaramide-Catalyzed Synthesis of Enantioenriched Spirocyclic Oxindoles via Ketimine Intermediates with Multiple Active Sites (Angew. Chem. 45/2015). *Angewandte Chemie*, **2015**, 127, 13332-13332	3.6	
23	Squaramide-Catalyzed Synthesis of Enantioenriched Spirocyclic Oxindoles via Ketimine Intermediates with Multiple Active Sites. *Angewandte Chemie - International Edition*, **2015**, 54, 13253-7	16.4	42
22	Squaramide-Catalyzed Synthesis of Enantioenriched Spirocyclic Oxindoles via Ketimine Intermediates with Multiple Active Sites. *Angewandte Chemie*, **2015**, 127, 13451-13455	3.6	8
21	Asymmetric synthesis of poly-substituted spirocyclohexane oxindole via a squaramide catalyzed cascade Michael–Michael–aldol sequence. *Organic Chemistry Frontiers*, **2015**, 2, 110-113	5.2	23
20	Recent applications of chiral N-tert-butanesulfinyl imines, chiral diene ligands and chiral sulfur–olefin ligands in asymmetric synthesis. *Organic Chemistry Frontiers*, **2015**, 2, 73-89	5.2	56
19	Diastereoselective Allylation of N-tert-Butanesulfinyl Imines: An Asymmetric Synthesis Experiment for the Undergraduate Organic Laboratory. *Journal of Chemical Education*, **2015**, 92, 714-718	2.4	3
18	Organocatalyzed asymmetric synthesis and absolute configuration assignment of enantioenriched 4-benzylaminocoumarins. *Tetrahedron Letters*, **2015**, 56, 913-917	2	11
17	One-pot enantioselective construction of indoloquinolizidine derivatives bearing five contiguous stereocenters using aliphatic aldehydes, nitroethylenes, and tryptamine. *Chemical Communications*, **2014**, 50, 10027-30	5.8	21
16	Novel one-pot asymmetric cascade approach toward densely substituted enantioenriched 4-methylene-4-lactams. *Tetrahedron Letters*, **2014**, 55, 6105-6108	2	15
15	Dual-organocatalyst-promoted asymmetric cascade reaction: highly efficient construction of enantiopure fully substituted tetrahydro-1,2-oxazines. *Organic Letters*, **2014**, 16, 752-5	6.2	22
14	A highly efficient asymmetric synthesis of quaternary stereocenter-containing indolizidine and quinolizidine alkaloids using aldehydes, nitroalkenes, and unactivated cyclic ketimines. *Chemical Communications*, **2014**, 50, 15913-5	5.8	14
13	Highly efficient asymmetric construction of quaternary carbon-containing homoallylic and homopropargylic amines. *Chemical Communications*, **2013**, 49, 5402-4	5.8	51
12	An eco-benign and highly efficient access to 3-heterocyclic-substituted isoindolinones in ammonia water. *Green Chemistry*, **2013**, 15, 896	10	35
11	A highly efficient access to enantiopure tetrahydropyridines: dual-organocatalyst-promoted asymmetric cascade reaction. *Chemical Communications*, **2013**, 49, 4024-6	5.8	25
10	A convenient synthesis of chiral vinyl aziridines via aza-Barbier–Darzen type reaction. *Tetrahedron Letters*, **2013**, 54, 3586-3590	2	21
9	A Convenient and Efficient Synthesis of Coumarin-Containing Phthalides and Derivatives. *Synthesis*, **2013**, 45, 1181-1190	2.9	9
8	Highly efficient asymmetric synthesis of enantiopure dihydro-1,2-oxazines: dual-organocatalyst-promoted asymmetric cascade reaction. *Organic Letters*, **2012**, 14, 3818-21	6.2	37
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. *Synthesis*, **2012**, 44, 2763-2769	2.9	5

6	Chiral Drugs through Asymmetric Synthesis **2011**, 29-76		5
5	Dramatic lithium chloride effect on the reaction stereocontrol in Zn-mediated asymmetric cinnamylation: highly practical synthesis of □aryl homoallylic amines. *Chemical Communications*, **2010**, 46, 8460-2	5.8	47
4	Highly efficient asymmetric synthesis of vinylic amino alcohols by Zn-promoted benzoyloxyallylation of chiral N-tert-butanesulfinyl imines: facile and rapid access to (-)-cytoxazone. *Chemistry - A European Journal*, **2009**, 15, 10217-24	4.8	42
3	An advance on exploring N-tert-butanesulfinyl imines in asymmetric synthesis of chiral amines. *Accounts of Chemical Research*, **2008**, 41, 831-40	24.3	242
2	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. *Organic Letters*, **2008**, 10, 1259-62	6.2	130
1	Room-temperature highly diastereoselective Zn-mediated allylation of chiral N-tert-butanesulfinyl imines: remarkable reaction condition controlled stereoselectivity reversal. *Organic Letters*, **2006**, 8, 4979-82	6.2	114