Wu-Lin Yang

List of Publications by Citations

47 papers	790 citations	18 h-index	25 g-index
51 ext. papers	1,024 ext. citations	6.5 avg, IF	4.83 L-index

#	Paper	IF	Citations
47	The copper-catalyzed asymmetric construction of a dispiropyrrolidine skeleton via 1,3-dipolar cycloaddition of azomethine ylides to -alkylidene succinimides. *Chemical Communications*, **2015**, 51, 9212-5	5.8	59
46	Cu(I)-Catalyzed Chemoselective and Stereoselective [3 + 3] Cycloaddition of Azomethine Ylides with 2-Indolylnitroethylenes: Facile Access to Highly Substituted Tetrahydro-Carbolines. *ACS Catalysis*, **2016**, 6, 5685-5690	13.1	51
45	Asymmetric Construction of Spirocyclic Pyrrolidine-thia(oxa)zolidinediones via N,O-Ligand/Cu(I) Catalyzed 1,3-Dipolar Cycloaddition of Azomethine Ylides with 5-Alkylidene Thia(oxa)zolidine-2,4-diones. *Organic Letters*, **2015**, 17, 4822-5	6.2	48
44	Catalytic asymmetric construction of quaternary -amino acid containing pyrrolidines through 1,3-dipolar cycloaddition of azomethine ylides to -aminoacrylates. *Chemistry - A European Journal*, **2013**, 19, 6739-45	4.8	47
43	Asymmetric Synthesis of 3,4-Dihydroquinolin-2-ones via a Stereoselective Palladium-Catalyzed Decarboxylative [4 + 2]- Cycloaddition. *Organic Letters*, **2018**, 20, 104-107	6.2	45
42	Palladium-Catalyzed Asymmetric [4+3] Cyclization of Trimethylenemethane: Regio-, Diastereo-, and Enantioselective Construction of Benzofuro[3,2-b]azepine Skeletons. *Angewandte Chemie - International Edition*, **2020**, 59, 1238-1242	16.4	39
41	Enantioselective Construction of CF-Containing Spirooxindole -Lactones via Organocatalytic Asymmetric Michael/Lactonization. *Organic Letters*, **2019**, 21, 1015-1020	6.2	32
40	Organocatalytic Enantioselective aza-Friedel-Crafts Reactions of Pyrazolinone Ketimines with Hydroxyindoles and Electron-Rich Phenols. *Advanced Synthesis and Catalysis*, **2018**, 360, 2049-2054	5.6	30
39	Cooperative N-heterocyclic Carbene and Iridium Catalysis Enables Stereoselective and Regiodivergent [3 + 2] and [3 + 3] Annulation Reactions. *ACS Catalysis*, **2021**, 11, 3810-3821	13.1	26
38	Chiral N,O-Ligand/[Cu(OAc)2]-Catalyzed Asymmetric Construction of 4-Aminopyrrolidine Derivatives by 1,3-Dipolar Cycloaddition of Azomethine Ylides with -Phthalimidoacrylates. *Chemistry - A European Journal*, **2015**, 21, 10457-65	4.8	25
37	Asymmetric Construction of 3-Azabicyclo[3.1.0]hexane Skeleton with Five Contiguous Stereogenic Centers by Cu-Catalyzed 1,3-Dipolar Cycloaddition of Trisubstituted Cyclopropenes. *Organic Letters* , **2018**, 20, 4121-4125	6.2	23
36	Cu(OAc)2/FOXAP complex catalyzed construction of 2,5-dihydropyrrole derivatives via asymmetric 1,3-dipolar cycloaddition of azomethine ylides to ethynyl ketones. *Catalysis Science and Technology*, **2015**, 5, 3568-3575	5.5	22
35	Diastereodivergent Asymmetric Michael Addition of Cyclic Azomethine Ylides to Nitroalkenes: Direct Approach for the Synthesis of 1,7-Diazaspiro[4.4]nonane Diastereoisomers. *Chemistry - A European Journal*, **2015**, 21, 19048-57	4.8	21
34	Enantioselective Synthesis of Tropanes via [3+3] Annulation of Cyclic Azomethine Ylides with Substituted 2-Vinylindoles and 2-Vinylpyrroles. *Advanced Synthesis and Catalysis*, **2018**, 360, 2843-2853	5.6	19
33	Asymmetric Synthesis of Spirooxindole -lactams via Isothiourea-catalyzed Mannich/lactamization Reaction of Aryl Acetic Acids with Isatin-derived Ketimines. *Advanced Synthesis and Catalysis*, **2019**, 361, 1592-1596	5.6	18
32	Organocatalytic Regiodivergent Ring Expansion of Cyclobutanones for the Enantioselective Synthesis of Azepino[1,2-]indoles and Cyclohepta[]indoles. *Organic Letters*, **2020**, 22, 4026-4032	6.2	18
31	A copper(I)-catalyzed asymmetric Mannich reaction of glycine Schiff bases with isatin-derived ketimines: enantioselective synthesis of 3-substituted 3-aminooxindoles. *Organic Chemistry Frontiers*, **2018**, 5, 70-74	5.2	18

30	Stereoselective Synthesis of Pyrrolidines Containing a 3-Fluoro Quaternary Stereocenter via Copper(I)-Catalyzed Asymmetric 1,3-Dipolar Cycloaddition. *Journal of Organic Chemistry*, **2017**, 82, 11141-11149	4.2	18
29	Regioselective and Stereoselective [3+3] Annulation of Ketones Derived Azomethine Ylides with 2-Indolylethylenes: Direct Access to Highly Substituted Tetrahydro-Carbolines. *Advanced Synthesis and Catalysis*, **2018**, 360, 2191-2203	5.6	15
28	Ligand-controlled switch in diastereoselectivities: catalytic asymmetric construction of spirocyclic pyrrolidine-azetidine/oxe(thie)tane derivatives. *Chemical Communications*, **2019**, 55, 7346-7349	5.8	14
27	Catalytic Asymmetric [3 + 2] Annulation via Indolyl Copper-Allenylidene Intermediates: Diastereo- and Enantioselective Assembly of Pyrrolo[1,2-]indoles. *Organic Letters*, **2020**, 22, 4547-4552	6.2	14
26	Organocatalytic asymmetric synthesis of tetrahydrocarbazoles via an inverse-electron-demand Diels-Alder reaction of 2,3-indole-dienes with enals. *Organic Chemistry Frontiers*, **2018**, 5, 3430-3434	5.2	14
25	Nickel(II)-Catalyzed Diastereo- and Enantioselective [3+2] Cycloaddition of -Ketoesters with 2-Nitrovinylindoles and 2-Nitrovinylpyrroles. *Chinese Journal of Chemistry*, **2019**, 37, 216-220	4.9	13
24	Iridium-Catalyzed Diastereo- and Enantioselective [4 + 3] Cycloaddition of 4-Indolyl Allylic Alcohols with Azomethine Ylides. *Organic Letters*, **2021**, 23, 588-594	6.2	12
23	-Silyl Acrylates in Asymmetric [3 + 2] Cycloadditions Affording Pyrrolidine Azasugar Derivatives. *Organic Letters*, **2018**, 20, 3838-3842	6.2	11
22	Enantioselective construction of tricyclic pyrrolidine-fused benzo[b]thiophene 1,1-dioxide derivatives via copper(I)-catalyzed asymmetric 1,3-dipolar cycloaddition. *Organic Chemistry Frontiers*, **2017**, 4, 2343-2347	5.2	11
21	Palladium-Catalyzed Asymmetric [4+3] Cyclization of Trimethylenemethane: Regio-, Diastereo-, and Enantioselective Construction of Benzofuro[3,2-b]azepine Skeletons. *Angewandte Chemie*, **2020**, 132, 1254-1258	3.6	11
20	Organocatalytic Asymmetric Formal Aza-[3+3]Cyclo-additions of 3-Aminobenzofuran with -Unsaturated Aldehydes. *Advanced Synthesis and Catalysis*, **2018**, 360, 4168-4177	5.6	10
19	Catalytic asymmetric dipolar cycloadditions of indolyl delocalized metal-allyl species for the enantioselective synthesis of cyclopenta [b]indoles and pyrrolo[1,2-a]indoles. *Science China Chemistry*, **2021**, 64, 34-40	7.9	10
18	Progress in Iridium-Catalyzed Asymmetric Allylic Substitution Reactions via Synergetic Catalysis. *Chinese Journal of Organic Chemistry*, **2020**, 40, 3262	3	9
17	Highly Regio-, Diastereo-, and Enantioselective Assembly of Azepino[2,3-b]indoles via Palladium-Catalyzed [4 + 3] Cycloaddition *Chinese Journal of Chemistry*, **2020**, 38, 1571-1574	4.9	8
16	Catalytic Enantioselective Formal Synthesis of MDM2 Antagonist RG7388 and Its Analogues. *Chinese Journal of Chemistry*, **2020**, 38, 435-438	4.9	8
15	Enantioselective Construction of Dihydropyrido[1,2-]indoles via Organocatalytic Arylmethylation of 2-Enals with Inert Aryl Methane Nucleophiles. *Organic Letters*, **2019**, 21, 5514-5518	6.2	7
14	Sulfone as a Transient Activating Group in the Palladium-Catalyzed Asymmetric [4 + 3] Cycloaddition of Trimethylenemethane Enabling the Enantioselective Synthesis of Fused Azepines. *Organic Letters*, **2021**, 23, 948-952	6.2	7
13	Elaboration of phosphoramidite ligands enabling palladium-catalyzed diastereo- and enantioselective all carbon [4+3] cycloaddition. *Science China Chemistry*, **2020**, 63, 911-916	7.9	6

12	Nickel(II)-Catalyzed Diastereo- and Enantioselective Michael/ Hemiacetalization Cascade Reaction of Ketoesters with 2-(2-Nitrovinyl)phenols. *Advanced Synthesis and Catalysis*, **2019**, 361, 4611-4622	5.6	6
11	Asymmetric synthesis of pyrrolo[1,2-a]indoles via organocatalytic [3 + 2] annulation of substituted 2-vinylindoles with azlactones. *Chinese Chemical Letters*, **2020**, 31, 721-724	8.1	6
10	Diastereo- and Enantioselective Synthesis of Eight-Membered Heterocycles via an Allylation/Ring Expansion Sequence Enabled by Multiple Catalysis. *ACS Catalysis*,12557-12564	13.1	6
9	Iridium-Catalyzed Asymmetric Cascade Allylation/Pictet-Spengler Cyclization Reaction for the Enantioselective Synthesis of 1,3,4-Trisubstituted Tetrahydroisoquinolines. *Organic Letters*, **2021**, 23, 2790-2796	6.2	5
8	Organocatalytic asymmetric [3 + 3] annulation of isatin N,NScyclic azomethine imines with enals: Efficient approach to functionalized spiro N-heterocyclic oxindoles. *Chinese Chemical Letters*, **2021**, 32, 672-675	8.1	5
7	Enantioselective synthesis of 3-amino-hydrobenzofuran-2,5-diones via Cu(I)-catalyzed intramolecular conjugate addition of imino esters. *Organic Chemistry Frontiers*, **2019**, 6, 579-583	5.2	4
6	Copper(I)-catalyzed asymmetric [3 + 3] annulation involving aziridines to construct tetrahydro-carbolines. *Organic Chemistry Frontiers*, **2020**, 7, 3393-3398	5.2	4
5	Diastereoselective synthesis of functionalized tetrahydro-carbolines via a [3 + 3] cycloaddition of 2,2?-diester aziridines with (indol-2-yl)-unsaturated ketones. *Chinese Chemical Letters*, **2020**, 31, 1293-1296	8.1	4
4	Synergistic Copper and Chiral Lewis Base Catalysis for the Asymmetric Synthesis of Pyrrolo[1,2-a]indoles. *Chinese Journal of Chemistry*, **2021**, 39, 3292	4.9	4
3	Kinetic resolution of 2H-azirines via Cu(I)-catalyzed asymmetric 1,3-dipolar cycloaddition of azomethine ylides. *Organic Chemistry Frontiers*, **2020**, 7, 3247-3252	5.2	3
2	Highly Efficient and Practical Synthesis of the Key Intermediate of Telmisartan. *Organic Process Research and Development*, **2021**, 25, 1022-1027	3.9	2
1	Regio- and Enantioselective Allylic Alkylation of In-Situ-Generated Free Dienolates via Scandium/Iridium Dual Catalysis.. *Angewandte Chemie - International Edition*, **2022**,	16.4	1