

Wu-Lin Yang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Regio- and Enantioselective Allylic Alkylation of In-Situ-Generated Free Dienolates via Scandium/Iridium Dual Catalysis.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	1
46	Iridium-Catalyzed Asymmetric Cascade Allylation/Pictet-Spengler Cyclization Reaction for the Enantioselective Synthesis of 1,3,4-Trisubstituted Tetrahydroisoquinolines. <i>Organic Letters</i> , 2021 , 23, 2790-2796	6.2	5
45	Cooperative N-heterocyclic Carbene and Iridium Catalysis Enables Stereoselective and Regiodivergent [3 + 2] and [3 + 3] Annulation Reactions. <i>ACS Catalysis</i> , 2021 , 11, 3810-3821	13.1	26
44	Highly Efficient and Practical Synthesis of the Key Intermediate of Telmisartan. <i>Organic Process Research and Development</i> , 2021 , 25, 1022-1027	3.9	2
43	Organocatalytic asymmetric [3 + 3] annulation of isatin N,N-cyclic azomethine imines with enals: Efficient approach to functionalized spiro N-heterocyclic oxindoles. <i>Chinese Chemical Letters</i> , 2021 , 32, 672-675	8.1	5
42	Catalytic asymmetric dipolar cycloadditions of indolyl delocalized metal-allyl species for the enantioselective synthesis of cyclopenta [b]indoles and pyrrolo[1,2-a]indoles. <i>Science China Chemistry</i> , 2021 , 64, 34-40	7.9	10
41	Sulfone as a Transient Activating Group in the Palladium-Catalyzed Asymmetric [4 + 3] Cycloaddition of Trimethylenemethane Enabling the Enantioselective Synthesis of Fused Azepines. <i>Organic Letters</i> , 2021 , 23, 948-952	6.2	7
40	Synergistic Copper and Chiral Lewis Base Catalysis for the Asymmetric Synthesis of Pyrrolo[1,2-a]indoles. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 3292	4.9	4
39	Iridium-Catalyzed Diastereo- and Enantioselective [4 + 3] Cycloaddition of 4-Indolyl Allylic Alcohols with Azomethine Ylides. <i>Organic Letters</i> , 2021 , 23, 588-594	6.2	12
38	Organocatalytic Regiodivergent Ring Expansion of Cyclobutanones for the Enantioselective Synthesis of Azepino[1,2-]indoles and Cyclohepta[]indoles. <i>Organic Letters</i> , 2020 , 22, 4026-4032	6.2	18
37	Catalytic Asymmetric [3 + 2] Annulation via Indolyl Copper-Allenylidene Intermediates: Diastereo- and Enantioselective Assembly of Pyrrolo[1,2-]indoles. <i>Organic Letters</i> , 2020 , 22, 4547-4552	6.2	14
36	Highly Regio-, Diastereo-, and Enantioselective Assembly of Azepino[2,3-b]indoles via Palladium-Catalyzed [4 + 3] Cycloaddition. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 1571-1574	4.9	8
35	Catalytic Enantioselective Formal Synthesis of MDM2 Antagonist RG7388 and Its Analogues. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 435-438	4.9	8
34	Elaboration of phosphoramidite ligands enabling palladium-catalyzed diastereo- and enantioselective all carbon [4+3] cycloaddition. <i>Science China Chemistry</i> , 2020 , 63, 911-916	7.9	6
33	Progress in Iridium-Catalyzed Asymmetric Allylic Substitution Reactions via Synergetic Catalysis. <i>Chinese Journal of Organic Chemistry</i> , 2020 , 40, 3262	3	9
32	Asymmetric synthesis of pyrrolo[1,2-a]indoles via organocatalytic [3 + 2] annulation of substituted 2-vinylindoles with azlactones. <i>Chinese Chemical Letters</i> , 2020 , 31, 721-724	8.1	6
31	Palladium-Catalyzed Asymmetric [4+3] Cyclization of Trimethylenemethane: Regio-, Diastereo-, and Enantioselective Construction of Benzofuro[3,2-b]azepine Skeletons. <i>Angewandte Chemie</i> , 2020 , 132, 1254-1258	3.6	11

30	Palladium-Catalyzed Asymmetric [4+3] Cyclization of Trimethylenemethane: Regio-, Diastereo-, and Enantioselective Construction of Benzofuro[3,2-b]azepine Skeletons. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1238-1242	16.4	39
29	Kinetic resolution of 2H-azirines via Cu(I)-catalyzed asymmetric 1,3-dipolar cycloaddition of azomethine ylides. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 3247-3252	5.2	3
28	Copper(I)-catalyzed asymmetric [3 + 3] annulation involving aziridines to construct tetrahydro- β -carbolines. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 3393-3398	5.2	4
27	Diastereoselective synthesis of functionalized tetrahydro- β -carbolines via a [3 + 3] cycloaddition of 2,2'-diester aziridines with β -(indol-2-yl)- α -unsaturated ketones. <i>Chinese Chemical Letters</i> , 2020 , 31, 1293-1296	8.1	4
26	Asymmetric Synthesis of Spirooxindole β -lactams via Isothiourea-catalyzed Mannich/lactamization Reaction of Aryl Acetic Acids with Isatin-derived Ketimines. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 1592-1596	5.6	18
25	Enantioselective synthesis of 3-amino-hydrobenzofuran-2,5-diones via Cu(I)-catalyzed intramolecular conjugate addition of imino esters. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 579-583	5.2	4
24	Enantioselective Construction of CF-Containing Spirooxindole β -lactones via Organocatalytic Asymmetric Michael/Lactonization. <i>Organic Letters</i> , 2019 , 21, 1015-1020	6.2	32
23	Ligand-controlled switch in diastereoselectivities: catalytic asymmetric construction of spirocyclic pyrrolidine-azetidino/oxe(thie)tane derivatives. <i>Chemical Communications</i> , 2019 , 55, 7346-7349	5.8	14
22	Nickel(II)-Catalyzed Diastereo- and Enantioselective Michael/ Hemiactalization Cascade Reaction of β -ketoesters with 2-(2-Nitrovinyl)phenols. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 4611-4622	5.6	6
21	Enantioselective Construction of Dihydropyrido[1,2-]indoles via Organocatalytic Arylmethylation of 2-Enals with Inert Aryl Methane Nucleophiles. <i>Organic Letters</i> , 2019 , 21, 5514-5518	6.2	7
20	Nickel(II)-Catalyzed Diastereo- and Enantioselective [3+2] Cycloaddition of β -ketoesters with 2-Nitrovinylindoles and 2-Nitrovinylpyrroles. <i>Chinese Journal of Chemistry</i> , 2019 , 37, 216-220	4.9	13
19	Organocatalytic Enantioselective aza-Friedel-Crafts Reactions of Pyrazolinone Ketimines with Hydroxyindoles and Electron-Rich Phenols. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 2049-2054	5.6	30
18	Regioselective and Stereoselective [3+3] Annulation of Ketones Derived Azomethine Ylides with 2-Indolythylenes: Direct Access to Highly Substituted Tetrahydro- β -Carbolines. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 2191-2203	5.6	15
17	A copper(I)-catalyzed asymmetric Mannich reaction of glycine Schiff bases with isatin-derived ketimines: enantioselective synthesis of 3-substituted 3-aminooxindoles. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 70-74	5.2	18
16	Organocatalytic Asymmetric Formal Aza-[3+3]Cyclo-additions of 3-Aminobenzofuran with α -Unsaturated Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 4168-4177	5.6	10
15	β -Silyl Acrylates in Asymmetric [3 + 2] Cycloadditions Affording Pyrrolidine Azasugar Derivatives. <i>Organic Letters</i> , 2018 , 20, 3838-3842	6.2	11
14	Asymmetric Synthesis of 3,4-Dihydroquinolin-2-ones via a Stereoselective Palladium-Catalyzed Decarboxylative [4 + 2]- Cycloaddition. <i>Organic Letters</i> , 2018 , 20, 104-107	6.2	45
13	Organocatalytic asymmetric synthesis of tetrahydrocarbazoles via an inverse-electron-demand Diels-Alder reaction of 2,3-indole-dienes with enals. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 3430-3434	5.2	14

12	Enantioselective Synthesis of Tropanes via [3+3] Annulation of Cyclic Azomethine Ylides with Substituted 2-Vinylindoles and 2-Vinylpyrroles. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 2843-2853	5.6	19
11	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. <i>Organic Letters</i> , 2018 , 20, 4121-4125	6.2	23
10	Enantioselective construction of tricyclic pyrrolidine-fused benzo[b]thiophene 1,1-dioxide derivatives via copper(I)-catalyzed asymmetric 1,3-dipolar cycloaddition. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 2343-2347	5.2	11
9	Stereoselective Synthesis of Pyrrolidines Containing a 3-Fluoro Quaternary Stereocenter via Copper(I)-Catalyzed Asymmetric 1,3-Dipolar Cycloaddition. <i>Journal of Organic Chemistry</i> , 2017 , 82, 11144-11149 ¹⁸	4.7	18
8	Cu(I)-Catalyzed Chemoselective and Stereoselective [3 + 3] Cycloaddition of Azomethine Ylides with 2-Indolyl nitroethylenes: Facile Access to Highly Substituted Tetrahydro- β -Carbolines. <i>ACS Catalysis</i> , 2016 , 6, 5685-5690	13.1	51
7	The copper-catalyzed asymmetric construction of a dispiropyrrrolidine skeleton via 1,3-dipolar cycloaddition of azomethine ylides to β -alkylidene succinimides. <i>Chemical Communications</i> , 2015 , 51, 9212-5	5.8	59
6	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. <i>Organic Letters</i> , 2015 , 17, 4822-5	6.2	48
5	Chiral N,O-Ligand/[Cu(OAc) ₂]-Catalyzed Asymmetric Construction of 4-Aminopyrrolidine Derivatives by 1,3-Dipolar Cycloaddition of Azomethine Ylides with β -Phthalimidoacrylates. <i>Chemistry - A European Journal</i> , 2015 , 21, 10457-65	4.8	25
4	Diastereodivergent Asymmetric Michael Addition of Cyclic Azomethine Ylides to Nitroalkenes: Direct Approach for the Synthesis of 1,7-Diazaspiro[4.4]nonane Diastereoisomers. <i>Chemistry - A European Journal</i> , 2015 , 21, 19048-57	4.8	21
3	Cu(OAc) ₂ /FOXAP complex catalyzed construction of 2,5-dihydropyrrole derivatives via asymmetric 1,3-dipolar cycloaddition of azomethine ylides to ethynyl ketones. <i>Catalysis Science and Technology</i> , 2015 , 5, 3568-3575	5.5	22
2	Catalytic asymmetric construction of quaternary β -amino acid containing pyrrolidines through 1,3-dipolar cycloaddition of azomethine ylides to β -aminoacrylates. <i>Chemistry - A European Journal</i> , 2013 , 19, 6739-45	4.8	47
1	Diastereo- and Enantioselective Synthesis of Eight-Membered Heterocycles via an Allylation/Ring Expansion Sequence Enabled by Multiple Catalysis. <i>ACS Catalysis</i> , 12557-12564	13.1	6