Wu-Lin Yang

List of Publications by Year
in descending order

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51 papers	1,282 citations	304368 22 h-index	395343 33 g-index
51 all docs	51 docs citations	51 times ranked	897 citing authors

#	Article	IF	Citations
1	Palladiumâ€Catalyzed Asymmetric [4+3] Cyclization of Trimethylenemethane: Regioâ€, Diastereoâ€, and Enantioselective Construction of Benzofuro[3,2â€b]azepine Skeletons. Angewandte Chemie - International Edition, 2020, 59, 1238-1242.	7.2	84
2	The copper-catalyzed asymmetric construction of a dispiropyrrolidine skeleton via 1,3-dipolar cycloaddition of azomethine ylides to Î±-alkylidene succinimides. Chemical Communications, 2015, 51, 9212-9215.	2.2	69
3	Asymmetric Synthesis of 3,4-Dihydroquinolin-2-ones via a Stereoselective Palladium-Catalyzed Decarboxylative [4 + 2]- Cycloaddition. Organic Letters, 2018, 20, 104-107.	2.4	64
4	Cooperative N-heterocyclic Carbene and Iridium Catalysis Enables Stereoselective and Regiodivergent [3 + 2] and [3 + 3] Annulation Reactions. ACS Catalysis, 2021, 11, 3810-3821.	5.5	63
5	Cu(I)-Catalyzed Chemoselective and Stereoselective [3 + 3] Cycloaddition of Azomethine Ylides with 2-Indolylnitroethylenes: Facile Access to Highly Substituted Tetrahydro-Î³-Carbolines. ACS Catalysis, 2016, 6, 5685-5690.	5.5	60
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. Organic Letters, 2015, 17, 4822-4825.	2.4	55
7	Catalytic Asymmetric Construction of Quaternary Î±â€Amino Acid Containing Pyrrolidines through 1,3â€Dipolar Cycloaddition of Azomethine Ylides to Î±â€Aminoacrylates. Chemistry - A European Journal, 2013, 19, 6739-6745.	1.7	51
8	Organocatalytic Enantioselective azaâ€Friedelâ€Crafts Reactions of Pyrazolinone Ketimines with Hydroxyindoles and Electronâ€Rich Phenols. Advanced Synthesis and Catalysis, 2018, 360, 2049-2054.	2.1	41
9	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.	2.4	36
10	Enantioselective Construction of CF₃-Containing Spirooxindole Î³-Lactones via Organocatalytic Asymmetric Michael/Lactonization. Organic Letters, 2019, 21, 1015-1020.	2.4	36
11	Diastereo- and Enantioselective Synthesis of Eight-Membered Heterocycles via an Allylation/Ring Expansion Sequence Enabled by Multiple Catalysis. ACS Catalysis, 2021, 11, 12557-12564.	5.5	36
12	Chiral N,Oâ€Ligand/[Cu(OAc)₂]â€Catalyzed Asymmetric Construction of 4â€Aminopyrrolidine Derivatives by 1,3â€Dipolar Cycloaddition of Azomethine Ylides with Î±â€Phthalimidoacrylates. Chemistry - A European Journal, 2015, 21, 10457-10465.	1.7	28
13	Organocatalytic Regiodivergent Ring Expansion of Cyclobutanones for the Enantioselective Synthesis of Azepino[1,2-a]indoles and Cyclohepta[b]indoles. Organic Letters, 2020, 22, 4026-4032.	2.4	28
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.	2.4	28
15	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.	2.1	27
16	Enantioselective Synthesis of Tropanes via [3+3] Annulation of Cyclic Azomethine Ylides with Substituted 2â€Vinylindoles and 2â€Vinylpyrroles. Advanced Synthesis and Catalysis, 2018, 360, 2843-2853.	2.1	27
17	Asymmetric Synthesis of Spirooxindole Î²â€lactams via Isothioureaâ€catalyzed Mannich/lactamization Reaction of Aryl Acetic Acids with Isatinâ€derived Ketimines. Advanced Synthesis and Catalysis, 2019, 361, 1592-1596.	2.1	27
18	Catalytic Asymmetric [3 + 2] Annulation via Indolyl Copperâ€“Allenylidene Intermediates: Diastereo- and Enantioselective Assembly of Pyrrolo[1,2-a]indoles. Organic Letters, 2020, 22, 4547-4552.	2.4	26

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19	Enantioselective Synthesis of Spiroketals and Spiroaminals via Gold and Iridium Sequential Catalysis. Angewandte Chemie - International Edition, 2022, 61, .	7.2	26
20	Diastereodivergent Asymmetric Michael Addition of Cyclic Azomethine Ylides to Nitroalkenes: Direct Approach for the Synthesis of 1,7â€Diazaspiro[4.4]nonane Diastereoisomers. Chemistry - A European Journal, 2015, 21, 19048-19057.	1.7	24
21	Iridium-Catalyzed Diastereo- and Enantioselective [4 + 3] Cycloaddition of 4-Indolyl Allylic Alcohols with Azomethine Ylides. Organic Letters, 2021, 23, 588-594.	2.4	24
22	Regioselective and Stereoselective [3+3] Annulation of Ketones Derived Azomethine Ylides with 2â€indolylethylenes: Direct Access to Highly Substituted Tetrahydroâ€Î³â€Carbolines. Advanced Synthesis and Catalysis, 2018, 360, 2191-2203.	2.1	23
23	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.	4.2	23
24	A copper(<scp>i</scp>)-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.	2.3	22
25	Organocatalytic asymmetric synthesis of tetrahydrocarbazoles via an inverse-electron-demand Dielsâ€“Alder reaction of 2,3-indole-dienes with enals. Organic Chemistry Frontiers, 2018, 5, 3430-3434.	2.3	21
26	Ligand-controlled switch in diastereoselectivities: catalytic asymmetric construction of spirocyclic pyrrolidine-azetidine/oxe(thie)tane derivatives. Chemical Communications, 2019, 55, 7346-7349.	2.2	20
27	Highly Regioâ€, Diastereoâ€, and Enantioselective Assembly of Azepino[2,3â€b]indoles via<scp>Palladiumâ€Catalyzed</scp> [4 + 3] Cycloaddition^{â€}. Chinese Journal of Chemistry, 2020, 38, 1571-1574.	2.6	19
28	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.	1.7	18
29	Palladiumâ€Catalyzed Asymmetric [4+3] Cyclization of Trimethylenemethane: Regioâ€, Diastereoâ€, and Enantioselective Construction of Benzofuro[3,2â€b]azepine Skeletons. Angewandte Chemie, 2020, 132, 1254-1258.	1.6	18
30	Progress in Iridium-Catalyzed Asymmetric Allylic Substitution Reactions via Synergetic Catalysis. Chinese Journal of Organic Chemistry, 2020, 40, 3262.	0.6	18
31	Organocatalytic Asymmetric Formal Azaâ€[3+3]Cycloâ€additions of 3â€Aminobenzofuran with Î±,Î²â€Unsaturated Aldehydes. Advanced Synthesis and Catalysis, 2018, 360, 4168-4177.	2.1	17
32	Nickel(II)â€Catalyzed Diastereoâ€and Enantioselective [3+2] Cycloaddition of Î±â€Ketoesters with 2â€Nitrovinylindoles and 2â€Nitrovinylpyrroles. Chinese Journal of Chemistry, 2019, 37, 216-220.	2.6	16
33	Catalytic Enantioselective Formal Synthesis of MDM2 Antagonist RG7388 and Its Analogues. Chinese Journal of Chemistry, 2020, 38, 435-438.	2.6	16
34	Organocatalytic asymmetric [3 + 3] annulation of isatin N,N'-cyclic azomethine imines with enals: Efficient approach to functionalized spiro N-heterocyclic oxindoles. Chinese Chemical Letters, 2021, 32, 672-675.	4.8	16
35	Regioâ€and Enantioselective Î³â€Allylic Alkylation of In Situâ€Generated Free Dienolates via Scandium/Iridium Dual Catalysis. Angewandte Chemie - International Edition, 2022, 61, .	7.2	16
36	Î²-Silyl Acrylates in Asymmetric [3 + 2] Cycloadditions Affording Pyrrolidine Azasugar Derivatives. Organic Letters, 2018, 20, 3838-3842.	2.4	15

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37	Synergistic Copper and Chiral Lewis Base Catalysis for the Asymmetric Synthesis of Pyrrolo[1,2â€a]indoles. Chinese Journal of Chemistry, 2021, 39, 3292-3296.	2.6	15
38	Enantioselective construction of tricyclic pyrrolidine-fused benzo[b]thiophene 1,1-dioxide derivatives via copper(<scp>i</scp>)-catalyzed asymmetric 1,3-dipolar cycloaddition. Organic Chemistry Frontiers, 2017, 4, 2343-2347.	2.3	14
39	Elaboration of phosphoramidite ligands enabling palladium-catalyzed diastereo- and enantioselective all carbon [4+3] cycloaddition. Science China Chemistry, 2020, 63, 911-916.	4.2	14
40	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.	4.8	13
41	Nickel(II)â€Catalyzed Diastereoâ€and Enantioselective Michael/ Hemiacetalization Cascade Reaction of Î±â€Ketoesters with 2â€(2â€Nitrovinyl)phenols. Advanced Synthesis and Catalysis, 2019, 361, 4611-4622.	2.1	12
42	Diastereoselective synthesis of functionalized tetrahydro-Î³-carbolines via a [3 + 3] cycloaddition of 2,2â€²-diester aziridines with Î²-(indol-2-yl)-Î±,Î²-unsaturated ketones. Chinese Chemical Letters, 2020, 31, 1293-1296.	4.8	12
43	Copper(<scp>i</scp>)-catalyzed asymmetric [3 + 3] annulation involving aziridines to construct tetrahydro-Î²-carbolines. Organic Chemistry Frontiers, 2020, 7, 3393-3398.	2.3	12
44	Kinetic resolution of 2H-azirines via Cu(<scp>i</scp>)-catalyzed asymmetric 1,3-dipolar cycloaddition of azomethine ylides. Organic Chemistry Frontiers, 2020, 7, 3247-3252.	2.3	11
45	Enantioselective Construction of Dihydropyrido[1,2-a]indoles via Organocatalytic Arylmethylation of 2-Enals with Inert Aryl Methane Nucleophiles. Organic Letters, 2019, 21, 5514-5518.	2.4	10
46	Iridium-Catalyzed Asymmetric Cascade Allylation/Pictetâ€“Spengler Cyclization Reaction for the Enantioselective Synthesis of 1,3,4-Trisubstituted Tetrahydroisoquinolines. Organic Letters, 2021, 23, 2790-2796.	2.4	8
47	Organocatalytic Enantioselective [8+4] Cycloadditions of Isobenzofulvenes for the Construction of Bicyclo[4.2.1]nonanes. Chinese Journal of Chemistry, 2021, 39, 3219-3224.	2.6	8
48	Enantioselective synthesis of 3-amino-hydrobenzofuran-2,5-diones via Cu(<scp>i</scp>)-catalyzed intramolecular conjugate addition of imino esters. Organic Chemistry Frontiers, 2019, 6, 579-583.	2.3	6
49	Highly Efficient and Practical Synthesis of the Key Intermediate of Telmisartan. Organic Process Research and Development, 2021, 25, 1022-1027.	1.3	4
50	Enantioselective Synthesis of Spiroketals and Spiroaminals via Gold and Iridium Sequential Catalysis. Angewandte Chemie, 2022, 134, .	1.6	4
51	Unconventional Synthetic Process of Fasudil Hydrochloride: Costly Homopiperazine Was Avoided. Organic Process Research and Development, 2022, 26, 91-96.	1.3	1