

Yun-Lin Liu

List of Publications by Year in descending order

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54
papers

4,083
citations

172386

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168321

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59
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59
docs citations

59
times ranked

2670
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Asymmetric Synthesis of Oxindoles Bearing a Tetrasubstituted Stereocenter at the C β Position. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1381-1407.	2.1	1,161
2	Organocatalytic Asymmetric Synthesis of Substituted 3-Hydroxy-2-oxindoles via Morita-Baylis-Hillman Reaction. <i>Journal of the American Chemical Society</i> , 2010, 132, 15176-15178.	6.6	224
3	One-Pot Tandem Approach to Spirocyclic Oxindoles Featuring Adjacent Spiro-Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13735-13739.	7.2	197
4	Organocatalytic Asymmetric Strecker Reaction of Di- and Trifluoromethyl Ketoimines. Remarkable Fluorine Effect. <i>Organic Letters</i> , 2011, 13, 3826-3829.	2.4	169
5	Cinchona alkaloid-based phosphoramidate catalyzed highly enantioselective Michael addition of unprotected 3-substituted oxindoles to nitroolefins. <i>Chemical Science</i> , 2011, 2, 2035.	3.7	161
6	Highly Efficient H_2O -Catalyst-Free Nucleophilic Addition Reactions Using Difluoroenoxyasilanes: Dramatic Fluorine Effects. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9512-9516.	7.2	156
7	Organocatalytic asymmetric cyanation of isatin derived N-Boc ketoimines. <i>Chemical Communications</i> , 2013, 49, 4421-4423.	2.2	142
8	Recent Advances in Catalytic Asymmetric Synthesis of Tertiary Alcohols via Nucleophilic Addition to Ketones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 876-918.	2.1	140
9	Organocatalytic asymmetric synthesis of 3-difluoroalkyl 3-hydroxyoxindoles. <i>Chemical Communications</i> , 2012, 48, 1919.	2.2	127
10	A facile method for the synthesis of oxindole based quaternary α -aminonitriles via the Strecker reaction. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3847.	1.5	117
11	Exploiting Remarkable Reactivities of Ynamides: Opportunities in Designing Catalytic Enantioselective Reactions. <i>ACS Catalysis</i> , 2020, 10, 13978-13992.	5.5	105
12	Catalytic enantioselective construction of vicinal quaternary carbon stereocenters. <i>Chemical Science</i> , 2020, 11, 9341-9365.	3.7	96
13	Catalytic Asymmetric Construction of Stereogenic Carbon Centers that Feature a β -difluoroalkyl Group. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 194-206.	1.3	94
14	Tandem Cross-Coupling/Spirocyclization/Mannich-Type Reactions of 3-(2-isocyanoethyl)indoles with Diazo Compounds toward Polycyclic Spiroindolines. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 614-621.	7.2	78
15	Organocatalytic Asymmetric α -Amination of Unprotected 3-Aryl and 3-Aliphatic Substituted Oxindoles using Di-tert-butyl Azodicarboxylate. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2945-2952.	2.1	71
16	Highly stereoselective construction of adjacent tetrasubstituted carbon stereogenic centres via an organocatalytic Mukaiyama-aldol reaction of monofluorinated silyl enol ethers to isatins. <i>Organic Chemistry Frontiers</i> , 2014, 1, 742.	2.3	69
17	A Journey in the Catalytic Synthesis of 3-Substituted 3-Amino-Oxindoles. <i>Synlett</i> , 2015, 26, 2491-2504.	1.0	61
18	Catalytic Enantioselective Isocyanide-Based Reactions: Beyond Passerini and Ugi Multicomponent Reactions. <i>Chemistry - A European Journal</i> , 2021, 27, 6598-6619.	1.7	50

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19	A Zn(OTf) ₂ catalyzed Ugi-type reaction of 3-(2-isocyanoethyl)indoles with indole-derived ketimines: rapid access to hexacyclic spiroindolines. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2303-2307.	2.3	46
20	Ethylene Glycol: A Powerful Catalyst-Free Medium for C-C Bond-Forming Reactions. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1759-1763.	1.7	43
21	An Organocatalytic Addition of Nitromethane to Activated Ketimines. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 429-432.	1.3	43
22	Internally Reuse Waste: Catalytic Asymmetric One-Pot Strecker Reaction of Fluoroalkyl Ketones, Anilines and TMSCN by Sequential Catalysis. <i>Chinese Journal of Chemistry</i> , 2018, 36, 321-328.	2.6	36
23	Diastereoselective synthesis of cyclopropanes bearing trifluoromethyl-substituted all-carbon quaternary centers from 2-trifluoromethyl-1,3-enynes beyond fluorine elimination. <i>Chemical Communications</i> , 2019, 55, 3879-3882.	2.2	36
24	Recent Advances in Catalytic Enantioselective Synthesis of Fluorinated α - and β -Amino Acids. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4763-4793.	2.1	35
25	Catalytic Asymmetric Strecker Reaction: Bifunctional Chiral Tertiary Amine/Hydrogen-Bond Donor Catalysis Joins the Field. <i>Synthesis</i> , 2015, 47, 1210-1226.	1.2	34
26	Reductive CO ₂ Fixation via the Selective Formation of C=C Bonds: Bridging Enaminones and Synthesis of 1,4-Dihydropyridines. <i>Organic Letters</i> , 2020, 22, 8326-8331.	2.4	34
27	Catalytic enantioselective synthesis using carbon dioxide as a C1 synthon. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8597-8619.	1.5	34
28	Organocatalytic Synthesis of α -difluorinated C2-Spiro Indolines and Pyrimido[1,2-a]benzimidazoles from 2-Alkynyl-3,3-difluoro- α -indoles. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3643-3648.	2.1	32
29	Transition-metal-free, three-component trifluoromethylative heteroarylation of unactivated alkenes: Efficient access to β -trifluoromethylated quinoxalinones and preliminary antifungal evaluation against <i>Magnaporthe grisea</i> . <i>Tetrahedron</i> , 2020, 76, 131199.	1.0	28
30	Organocatalytic Asymmetric Cyclization Reaction of 2-Alkynyl-3,3-difluoro- α -indoles and 2-Mercaptoimidazoles: Access to α -difluorinated C2-Spiro Indolines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1408-1413.	2.1	27
31	One-Pot Methylenation-Cyclization Employing Two Molecules of CO ₂ with Arylamines and Enaminones. <i>Journal of Organic Chemistry</i> , 2020, 85, 912-923.	1.7	27
32	Tandem Annulations of Propargylic Alcohols to Indole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5170-5195.	2.1	27
33	One-Pot Tandem Protocol for the Synthesis of 1,3-Bis(β -aminoacrylate)-Substituted 2-Mercaptoimidazole Scaffolds. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3635-3643.	2.1	23
34	Catalyst-free formal [4+1]/[4+2] cyclization cascade sequence of isocyanides with two molecules of acylketene formed in situ from thermal-induced Wolff rearrangement of 2-diazo-1,3-diketones. <i>Science Bulletin</i> , 2020, 65, 670-677.	4.3	22
35	Fluoroalkylation of Allylic Alcohols with Concomitant (Hetero)aryl Migration: Access to Fluoroalkylated Ketones and Evaluation of Antifungal Action against <i>Magnaporthe grisea</i> . <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5192-5200.	1.2	22
36	Hydrosilane-Assisted Synthesis of Urea Derivatives from CO ₂ and Amines. <i>Journal of Organic Chemistry</i> , 2020, 85, 13347-13353.	1.7	19

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37	Phosphine-catalyzed [3 + 2] cycloadditions of trifluoromethyl enynes/enediynes with allenates: access to cyclopentenes containing a CF ₃ -substituted quaternary carbon center. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3399-3405.	2.3	18
38	Photo-Mediated Decarboxylative Cross Coupling of Quinoxalin-2(1H)-ones with Aliphatic Carboxylic Acids in Aqueous Solution: Synthesis of Alkylated Quinoxalin-2(1H)-ones and Preliminary Antifungal Evaluation Against <i>Magnaporthe grisea</i> . <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 782-787.	1.3	17
39	Reaction condition-dependent divergent synthesis of spirooxindoles and bisoxindoles. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3820-3828.	2.3	16
40	Transition-Metal-Free, Intermolecular Azidoheteroarylation of Alkenes: Efficient Access to β -Azidoalkylated Quinoxalinones and Preliminary Antifungal Evaluation Against <i>Magnaporthe grisea</i> . <i>Synthesis</i> , 2020, 52, 2395-2409.	1.2	15
41	3-(2-Isocyanoethyl)indole: A Versatile Reagent for Polycyclic Spiroindoline Synthesis. <i>Synlett</i> , 2020, 31, 1033-1039.	1.0	14
42	Diastereoselective Synthesis of 1,3-Diyne-Tethered Trifluoromethylcyclopropanes through a Sulfur Ylide Mediated Cyclopropanation/DBU-Mediated Epimerization Sequence. <i>Journal of Organic Chemistry</i> , 2020, 85, 6252-6260.	1.7	14
43	1,2-Dicarbonylfunctionalization of Trifluoromethyl Alkenes with Pyridinium Salts via a Cycloaddition/Visible-Light-Enabled Fragmentation Cascade. <i>Organic Letters</i> , 2022, 24, 702-707.	2.4	14
44	Tandem Cross-Coupling/Spirocyclization/Mannich-Type Reactions of 3-(2-Isocyanoethyl)indoles with Diazo Compounds toward Polycyclic Spiroindolines. <i>Angewandte Chemie</i> , 2020, 132, 624-631.	1.6	13
45	Synthesis of fused-tetrahydropyrimidines: one-pot methylenation-cyclization utilizing two molecules of CO ₂ . <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6881-6888.	1.5	13
46	Diversity-Oriented Synthesis of Fluoromethylated Arenes via Palladium-Catalyzed C-H Fluoromethylation of Aryl Iodides. <i>Organic Letters</i> , 2022, 24, 1341-1345.	2.4	11
47	BiCl ₃ -Mediated Tandem Cyclization of Tryptamine-Derived Ynamide: Concise Synthesis of Pentacyclic Spiroindolines and Tricyclic Indole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 890-896.	2.1	8
48	The First Catalytic Asymmetric Morita-Baylis-Hillman Reaction of Acrolein with Aromatic Aldehydes. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2631-2635.	2.6	6
49	Stereoselective Access to Spirooxindoles and Bisoxindoles Through Organocatalyzed Asymmetric Divergent Transformations of Isatin-derived MBH Carbonates. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3086-3090.	1.7	5
50	Hydroxyl group-directed, tartaric acid-catalyzed synthesis of <i>meta</i> -functionalized aryl ethers and phenols through domino conjugate addition/aromatization of <i>para</i> -quinols. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6851-6856.	2.3	5
51	Back Cover: Internally Reuse Waste: Catalytic Asymmetric One-Pot Strecker Reaction of Fluoroalkyl Ketones, Anilines and TMSCN by Sequential Catalysis (<i>Chin. J. Chem.</i> 4/2018). <i>Chinese Journal of Chemistry</i> , 2018, 36, 372-372.	2.6	0
52	Frontispiece: Tandem Cross-Coupling/Spirocyclization/Mannich-Type Reactions of 3-(2-Isocyanoethyl)indoles with Diazo Compounds toward Polycyclic Spiroindolines. <i>Angewandte Chemie - International Edition</i> , 2020, 59, .	7.2	0
53	Frontispiz: Tandem Cross-Coupling/Spirocyclization/Mannich-Type Reactions of 3-(2-Isocyanoethyl)indoles with Diazo Compounds toward Polycyclic Spiroindolines. <i>Angewandte Chemie</i> , 2020, 132, .	1.6	0
54	Frontispiece: Catalytic Enantioselective Isocyanide-Based Reactions: Beyond Passerini and Ugi Multicomponent Reactions. <i>Chemistry - A European Journal</i> , 2021, 27, .	1.7	0