

# Liang Yin

## 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.

42  
papers

1,245  
citations

19  
h-index

35  
g-index

50  
ext. papers

1,547  
ext. citations

9.8  
avg, IF

5.23  
L-index

#	Paper	IF	Citations
42	Catalytic Asymmetric Allylic Substitution with Copper(I) Homoenoates Generated from Cyclopropanols. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 26351-26356	16.4	9
41	Copper(I)-Catalyzed Asymmetric Conjugate 1,6-, 1,8-, and 1,10-Borylation. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 9493-9499	16.4	3
40	Copper(I)-Catalyzed Regioselective Asymmetric Addition of 1,4-Pentadiene to Ketones. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 4556-4562	16.4	5
39	Copper(I)-Catalyzed Asymmetric Conjugate 1,6-, 1,8-, and 1,10-Borylation. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 9579-9585	3.6	0
38	Asymmetric Synthesis of Chiral 1,3-Disubstituted Allylsilanes via Copper(I)-Catalyzed 1,4-Conjugate Silylation of $\beta$ -Unsaturated Sulfones and Subsequent Julia-Kocienski Olefination. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 1916-1922	4.9	0
37	Copper(I)-Catalyzed Asymmetric Alkylation of Unsymmetrical Secondary Phosphines. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 9912-9921	16.4	16
36	Catalytic Asymmetric Mannich-Type Reaction Enabled by Efficient Dienolization of $\beta$ -Unsaturated Pyrazoleamides. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 55-61	4.9	2
35	Copper(I)-Catalyzed Asymmetric Vinylogous Aldol-Type Reaction of Allylazaarenes. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 4604-4608	16.4	5
34	Copper(I)-Catalyzed Asymmetric Vinylogous Aldol-Type Reaction of Allylazaarenes. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 4654-4658	3.6	2
33	Copper(I)-Catalyzed Asymmetric Synthesis of Unnatural $\alpha$ -Amino Acid Derivatives and Related Peptides Containing $\beta$ (aza)Aryls. <i>Journal of Organic Chemistry</i> , <b>2021</b> ,	4.2	1
32	Rapid Synthesis of Chiral 1,2-Bisphosphine Derivatives through Copper(I)-Catalyzed Asymmetric Conjugate Hydrophosphination. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 7123-7128	3.6	13
31	Rapid Synthesis of Chiral 1,2-Bisphosphine Derivatives through Copper(I)-Catalyzed Asymmetric Conjugate Hydrophosphination. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 7057-7062	16.4	41
30	Asymmetric Borylative Coupling of Vinylazaarenes and Ketones Catalyzed by a Copper(I) Complex. <i>CCS Chemistry</i> , <b>2020</b> , 2, 203-208	7.2	6
29	Construction of Chiral 2,3-Allenols through a Copper(I)-Catalyzed Asymmetric Direct Alkynylogous Aldol Reaction. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 1562-1566	16.4	21
28	Synthesis of $\beta$ -Unsaturated Phosphine Sulfides. <i>Synthesis</i> , <b>2020</b> , 52, 141-149	2.9	3
27	Construction of Chiral 2,3-Allenols through a Copper(I)-Catalyzed Asymmetric Direct Alkynylogous Aldol Reaction. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 1578-1582	3.6	3
26	Copper(I)-Catalyzed Asymmetric 1,4-Conjugate Hydrophosphination of $\beta$ -Unsaturated Amides. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 20098-20106	16.4	37

25	Copper(I)-catalyzed asymmetric 1,6-conjugate allylation. <i>Nature Communications</i> , <b>2020</b> , 11, 5480	17.4	8
24	Synthesis of chiral anti-1,2-diamine derivatives through copper(I)-catalyzed asymmetric addition of ketimines to aldimines. <i>Nature Communications</i> , <b>2020</b> , 11, 4473	17.4	4
23	Asymmetric Borylative Propargylation of Ketones Catalyzed by a Copper(I) Complex. <i>Organic Letters</i> , <b>2019</b> , 21, 931-936	6.2	30
22	Asymmetric Vinylogous Aldol-type Reactions of Aldehydes with Allyl Phosphonate and Sulfone. <i>IScience</i> , <b>2019</b> , 14, 88-99	6.1	8
21	Copper(I)-catalyzed asymmetric decarboxylative Mannich reaction enabled by acidic activation of 2H-azirines. <i>Nature Communications</i> , <b>2019</b> , 10, 1699	17.4	19
20	Catalytic asymmetric borylative aldol reaction of 5,6-dihydro-2H-pyran-2-one and ketones. <i>Tetrahedron</i> , <b>2019</b> , 75, 1676-1681	2.4	5
19	Asymmetric Construction of Fluoroalkyl Tertiary Alcohols through a Three-Component Reaction of (Bpin), 1,3-Enynes, and Fluoroalkyl Ketones Catalyzed by a Copper(I) Complex. <i>Organic Letters</i> , <b>2018</b> , 20, 1070-1073	6.2	36
18	Copper-Catalyzed Vinylogous Aerobic Oxidation of Unsaturated Compounds with Air. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 5300-5310	16.4	26
17	Iridium-catalyzed direct asymmetric vinylogous allylic alkylation. <i>Chemical Communications</i> , <b>2018</b> , 54, 11957-11960	5.8	14
16	Recent progress on direct catalytic asymmetric vinylogous reactions. <i>Tetrahedron Letters</i> , <b>2018</b> , 59, 4121-4135	28	
15	Catalytic Asymmetric Construction of Halogenated Stereogenic Carbon Centers by Direct Vinylogous Mannich-Type Reaction. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 15170-15175	16.4	32
14	Recent Advances in Copper(II)-Mediated or -Catalyzed C-H Functionalization. <i>Synthesis</i> , <b>2018</b> , 50, 4165-4188	14	
13	Asymmetric Synthesis of $\alpha$ -Unsaturated $\beta$ -Lactones through Copper(I)-Catalyzed Direct Vinylogous Aldol Reaction. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 12270-12279	16.4	34
12	Direct Asymmetric Vinylogous and Bisvinylogous Mannich-Type Reaction Catalyzed by a Copper(I) Complex. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 2196-2199	16.4	48
11	Asymmetric sulfenylation of 3-CF <sub>3</sub> -Oxindoles through organocatalysis with a quinidine derivative. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 2521-2524	2	11
10	Direct Catalytic Asymmetric Conjugate Addition of Saturated and Unsaturated Thioamides. <i>Organic Letters</i> , <b>2015</b> , 17, 3362-5	6.2	12
9	Direct Catalytic Asymmetric Mannich-Type Reaction of $\beta$ - and $\gamma$ -Fluorinated Amides. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 15929-39	16.4	82
8	Direct catalytic asymmetric vinylogous conjugate addition of unsaturated butyrolactones to $\alpha$ -unsaturated thioamides. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 5327-31	16.4	62

7	Direct Catalytic Asymmetric Vinylogous Conjugate Addition of Unsaturated Butyrolactones to $\beta$ -Unsaturated Thioamides. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 5431-5435	3.6	18
6	Catalytic generation of $\beta$ CF <sub>3</sub> enolate: direct catalytic asymmetric Mannich-type reaction of $\beta$ CF <sub>3</sub> amide. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 17958-61	16.4	72
5	Direct catalytic asymmetric vinylogous Mannich-type reaction of $\beta$ butenolides with ketimines. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 7310-3	16.4	64
4	Enantioselective Organocatalytic Michael Addition of Nitroalkanes and Other Nucleophiles to $\beta$ -Trifluoromethylated Acrylamides. <i>ACS Catalysis</i> , <b>2013</b> , 3, 502-506	13.1	39
3	Cu(I)-catalyzed decarboxylative aldol-type and Mannich-type reactions for asymmetric construction of contiguous trisubstituted and quaternary stereocenters. <i>Tetrahedron</i> , <b>2012</b> , 68, 3497-3506	2.4	45
2	Catalytic asymmetric synthesis of chiral tertiary organoboronic esters through conjugate boration of $\beta$ -substituted cyclic enones. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 11664-5	16.4	229
1	Nucleophile generation via decarboxylation: asymmetric construction of contiguous trisubstituted and quaternary stereocenters through a Cu(I)-catalyzed decarboxylative Mannich-type reaction. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 9610-1	16.4	137