Liang Yin

List of Publications by Year
in descending order

47 papers	1,773 citations	331259 21 h-index	276539 41 g-index
50 all docs	50 docs citations	50 times ranked	1301 citing authors

#	Article	IF	Citations
1	Catalytic Asymmetric Synthesis of Chiral Tertiary Organoboronic Esters through Conjugate Boration of Î²-Substituted Cyclic Enones. Journal of the American Chemical Society, 2009, 131, 11664-11665.	6.6	255
2	Nucleophile Generation via Decarboxylation: Asymmetric Construction of Contiguous Trisubstituted and Quaternary Stereocenters through a Cu(I)-Catalyzed Decarboxylative Mannich-Type Reaction. Journal of the American Chemical Society, 2009, 131, 9610-9611.	6.6	155
3	Direct Catalytic Asymmetric Mannich-Type Reaction of Î±- and Î²-Fluorinated Amides. Journal of the American Chemical Society, 2015, 137, 15929-15939.	6.6	109
4	Copper(I)-Catalyzed Asymmetric 1,4-Conjugate Hydrophosphination of Î±,Î²-Unsaturated Amides. Journal of the American Chemical Society, 2020, 142, 20098-20106.	6.6	104
5	Catalytic Generation of Î±-CF₃ Enolate: Direct Catalytic Asymmetric Mannich-Type Reaction of Î±-CF₃ Amide. Journal of the American Chemical Society, 2014, 136, 17958-17961.	6.6	90
6	Rapid Synthesis of Chiral 1,2â€Bisphosphine Derivatives through Copper(I)â€Catalyzed Asymmetric Conjugate Hydrophosphination. Angewandte Chemie - International Edition, 2020, 59, 7057-7062.	7.2	89
7	Direct Catalytic Asymmetric Vinylogous Conjugate Addition of Unsaturated Butyrolactones to Î±,Î²â€Unsaturated Thioamides. Angewandte Chemie - International Edition, 2014, 53, 5327-5331.	7.2	77
8	Direct Catalytic Asymmetric Vinylogous Mannichâ€Type Reaction of Î³â€Butenolides with Ketimines. Angewandte Chemie - International Edition, 2013, 52, 7310-7313.	7.2	71
9	Direct Asymmetric Vinylogous and Bisvinylogous Mannich-Type Reaction Catalyzed by a Copper(I) Complex. Journal of the American Chemical Society, 2017, 139, 2196-2199.	6.6	64
10	Copper(I)-Catalyzed Asymmetric Alkylation of Unsymmetrical Secondary Phosphines. Journal of the American Chemical Society, 2021, 143, 9912-9921.	6.6	56
11	Cu(I)-catalyzed decarboxylative aldol-type and Mannich-type reactions for asymmetric construction of contiguous trisubstituted and quaternary stereocenters. Tetrahedron, 2012, 68, 3497-3506.	1.0	53
12	Asymmetric Construction of Fluoroalkyl Tertiary Alcohols through a Three-Component Reaction of (Bpin)2, 1,3-Enynes, and Fluoroalkyl Ketones Catalyzed by a Copper(I) Complex. Organic Letters, 2018, 20, 1070-1073.	2.4	48
13	Enantioselective Organocatalytic Michael Addition of Nitroalkanes and Other Nucleophiles to Î²-Trifluoromethylated Acrylamides. ACS Catalysis, 2013, 3, 502-506.	5.5	46
14	Asymmetric Synthesis of Î±,Î²-Unsaturated Î´-Lactones through Copper(I)-Catalyzed Direct Vinylogous Aldol Reaction. Journal of the American Chemical Society, 2018, 140, 12270-12279.	6.6	45
15	Catalytic Asymmetric Construction of Halogenated Stereogenic Carbon Centers by Direct Vinylogous Mannich-Type Reaction. Journal of the American Chemical Society, 2018, 140, 15170-15175.	6.6	42
16	Recent progress on direct catalytic asymmetric vinylogous reactions. Tetrahedron Letters, 2018, 59, 4121-4135.	0.7	38
17	Asymmetric Borylative Propargylation of Ketones Catalyzed by a Copper(I) Complex. Organic Letters, 2019, 21, 931-936.	2.4	37
18	Construction of Chiral 2,3â€Allenols through a Copper(I)â€Catalyzed Asymmetric Direct Alkynylogous Aldol Reaction. Angewandte Chemie - International Edition, 2020, 59, 1562-1566.	7.2	36

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19	Copper-Catalyzed Vinylogous Aerobic Oxidation of Unsaturated Compounds with Air. Journal of the American Chemical Society, 2018, 140, 5300-5310.	6.6	32
20	Copper(I)-catalyzed asymmetric decarboxylative Mannich reaction enabled by acidic activation of 2H-azirines. Nature Communications, 2019, 10, 1699.	5.8	28
21	Recent Advances in Copper(II)-Mediated or -Catalyzed Câ€“H Functionalization. Synthesis, 2018, 50, 4165-4188.	1.2	23
22	Rapid Synthesis of Chiral 1,2â€Bisphosphine Derivatives through Copper(I)â€Catalyzed Asymmetric Conjugate Hydrophosphination. Angewandte Chemie, 2020, 132, 7123-7128.	1.6	22
23	Catalytic Asymmetric Allylic Substitution with Copper(I) Homoenolates Generated from Cyclopropanols. Angewandte Chemie - International Edition, 2021, 60, 26351-26356.	7.2	22
24	Iridium-catalyzed direct asymmetric vinylogous allylic alkylation. Chemical Communications, 2018, 54, 11957-11960.	2.2	18
25	Direct Catalytic Asymmetric Conjugate Addition of Saturated and Unsaturated Thioamides. Organic Letters, 2015, 17, 3362-3365.	2.4	16
26	Asymmetric Vinylogous Aldol-type Reactions of Aldehydes with Allyl Phosphonate and Sulfone. IScience, 2019, 14, 88-99.	1.9	15
27	Copper(I)-catalyzed asymmetric 1,6-conjugate allylation. Nature Communications, 2020, 11, 5480.	5.8	15
28	Copper(I)-Catalyzed Regioselective Asymmetric Addition of 1,4-Pentadiene to Ketones. Journal of the American Chemical Society, 2021, 143, 4556-4562.	6.6	15
29	Asymmetric Borylative Coupling of Vinylazaarenes and Ketones Catalyzed by a Copper(I) Complex. CCS Chemistry, 2020, 2, 203-208.	4.6	15
30	Copper(I)â€Catalyzed Asymmetric Synthesis of <i>P</i>â€Chiral Aminophosphinites. Angewandte Chemie - International Edition, 2022, 61, .	7.2	14
31	Asymmetric sulfenylation of 3-CF 3 -Oxindoles through organocatalysis with a quinidine derivative. Tetrahedron Letters, 2017, 58, 2521-2524.	0.7	13
32	Copper(I)â€Catalyzed Asymmetric Conjugate 1,6â€, 1,8â€, and 1,10â€Borylation. Angewandte Chemie - International Edition, 2021, 60, 9493-9499.	7.2	12
33	Catalytic Asymmetric <scp>Mannichâ€Type</scp> Reaction Enabled by Efficient Dienolization of Î±,<scp>Î²â€Unsaturated</scp> Pyrazoleamidesâ€. Chinese Journal of Chemistry, 2021, 39, 55-61.	2.6	11
34	Copper(I)-Catalyzed Asymmetric Synthesis of Î±-Allenylamines and Î²-Lactams through Regioselective Mannich-Type Reactions. ACS Catalysis, 2022, 12, 9181-9189.	5.5	9
35	Construction of Chiral 2,3â€Allenols through a Copper(I)â€Catalyzed Asymmetric Direct Alkynylogous Aldol Reaction. Angewandte Chemie, 2020, 132, 1578-1582.	1.6	8
36	Synthesis of chiral anti-1,2-diamine derivatives through copper(I)-catalyzed asymmetric Î±-addition of ketimines to aldimines. Nature Communications, 2020, 11, 4473.	5.8	8

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37	Copper(I)â€Catalyzed Asymmetric Vinylogous Aldolâ€Type Reaction of Allylazaarenes. Angewandte Chemie - International Edition, 2021, 60, 4604-4608.	7.2	8
38	Asymmetric Synthesis of Chiral 1, 3â€Disubstituted Allylsilanes via Copper(I)â€Catalyzed 1, 4â€Conjugate Silylation of Î±, Î²â€Unsaturated Sulfones and Subsequent Juliaâ€Kocienski Olefination. Chinese Journal of Chemistry, 2021, 39, 1916-1922.	2.6	8
39	Catalytic asymmetric borylative aldol reaction of 5,6-dihydro-2H-pyran-2-one and ketones. Tetrahedron, 2019, 75, 1676-1681.	1.0	6
40	Synthesis of Î±,Î²-Unsaturated Phosphine Sulfides. Synthesis, 2020, 52, 141-149.	1.2	4
41	Copper(I)-Catalyzed Asymmetric Synthesis of Unnatural Î±-Amino Acid Derivatives and Related Peptides Containing Î³-(aza)Aryls. Journal of Organic Chemistry, 2022, 87, 399-405.	1.7	3
42	Copper(I)â€Catalyzed Asymmetric Vinylogous Aldolâ€Type Reaction of Allylazaarenes. Angewandte Chemie, 2021, 133, 4654-4658.	1.6	2
43	Copper(I)â€Catalyzed Asymmetric Conjugate 1,6â€; 1,8â€; and 1,10â€Borylation. Angewandte Chemie, 2021, 133, 9579-9585.	1.6	2
44	Catalytic Asymmetric Allylic Substitution with Copper(I) Homoenolates Generated from Cyclopropanols. Angewandte Chemie, 0, , .	1.6	2
45	Copper(I)â€Catalyzed Asymmetric Synthesis of <i>P</i>â€Chiral Aminophosphinites. Angewandte Chemie, 2022, 134, .	1.6	1
46	Research Progress of Copper-Catalyzed Direct Vinylogous Reactions. Chinese Journal of Organic Chemistry, 2022, 42, 1573.	0.6	1
47	Catalytic Asymmetric Vinylogous Aldol-Type Reactions of Aldehydes with Allyl Phosphonate and Allyl Sulfone. SSRN Electronic Journal, 0, , .	0.4	0