Ling Zhou

List of Publications by Year
in descending order

68 papers	2,902 citations	159585 30 h-index	168389 53 g-index
86 all docs	86 docs citations	86 times ranked	2423 citing authors

#	Article	IF	Citations
1	Organocatalytic cycloaddition of alkynylindoles with azonaphthalenes for atroposelective construction of indole-based biaryls. Nature Communications, 2022, 13, 632.	12.8	46
2	A dual grafted fluorinated hydrocarbon amine weak anion exchange resin polymer for adsorption of perfluorooctanoic acid from water. Journal of Hazardous Materials, 2022, 431, 128521.	12.4	14
3	A Dehydrogenative Inverse Electron Demand Dielsâ€“Alder Reaction for the Synthesis of Functionalized Pyranones. Organic Letters, 2022, 24, 4316-4321.	4.6	2
4	Organocatalytic cycloadditionâ€“elimination cascade for atroposelective construction of heterobiaryls. Chemical Science, 2021, 12, 14920-14926.	7.4	36
5	Hydrogen Bond Assisted Central-to-Spiro Chirality Transfer and Central-to-Axial Chirality Conversion: Asymmetric Synthesis of Spirocycles. Organic Letters, 2021, 23, 9315-9320.	4.6	9
6	Scandium Triflate Catalyzed Tandem Transfer Hydrogenation and Cyclization Reaction of o-Aminobenzaldehydes and o-Aminoacetophenone with Alcohols. Journal of Organic Chemistry, 2021, 86, 17673-17683.	3.2	1
7	Construction of Axially Chiral Compounds via Centralâ€toâ€Axial Chirality Conversion. Chemistry - an Asian Journal, 2020, 15, 2939-2951.	3.3	56
8	Asymmetric Synthesis of Quinoline-Naphthalene Atropisomers by Central-to-Axial Chirality Conversion. Organic Letters, 2020, 22, 8894-8898.	4.6	37
9	Copper(I)/DDQ-Mediated Double-Dehydrogenative Dielsâ€“Alder Reaction of Aryl Butenes with 1,4-Diketones and Indolones. Organic Letters, 2020, 22, 7169-7174.	4.6	9
10	Palladium-catalyzed regioselective synthesis of B(4,5)- or B(4)-substituted o-carboranes containing Î±,Î²-unsaturated carbonyls. Organic and Biomolecular Chemistry, 2020, 18, 4723-4727.	2.8	13
11	Chiral Phosphoric-Acid-Catalyzed Cascade Prins Cyclization. Organic Letters, 2019, 21, 7143-7148.	4.6	21
12	N-Heterocyclic Carbene Catalyzed Stereoselective Synthesis of 2-Nitro-thiogalactosides. Synthesis, 2019, 51, 3451-3461.	2.3	2
13	Palladium-Catalyzed Site-Selective C(sp³)â€“H Arylation of Phenylacetaldehydes. Organic Letters, 2019, 21, 7084-7088.	4.6	28
14	Rh-Catalyzed Regioselective Dialkylation of Cage Bâ€“H bonds in o-Carboranes: Oxidative Heck Reactions via an Enol Isomerization. Organic Letters, 2019, 21, 8018-8021.	4.6	37
15	Conversion of two stereocenters to one or two chiral axes: atroposelective synthesis of 2,3-diarylbenzoindoles. Chemical Science, 2019, 10, 6777-6784.	7.4	116
16	Synthesis of Tetrahydroisoindolinones via a Metalâ€Free Dehydrogenative Dielsâ€Alder Reaction. Advanced Synthesis and Catalysis, 2019, 361, 2268-2273.	4.3	8
17	Selectfluor-Mediated Stereoselective [1 + 1 + 4 + 4] Dimerization of Styrylnaphthols. Organic Letters, 2019, 21, 9829-9835.	4.6	7
18	Phenanthrene Synthesis by Palladium(II)-Catalyzed Î³-C(sp²)â€“H Arylation, Cyclization, and Migration Tandem Reaction. Organic Letters, 2019, 21, 80-84.	4.6	18

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19	Construction of Bisbenzopyrone via N-Heterocyclic Carbene Catalyzed Intramolecular Hydroacylationâ€“Stetter Reaction Cascade. Organic Letters, 2018, 20, 2676-2679.	4.6	27
20	Synthesis of benzannulated spiroketals with gold-catalyzed cycloisomerization/spiroketalization cascade. Organic Chemistry Frontiers, 2018, 5, 990-993.	4.5	15
21	Enantioselective [3 + 2] Formal Cycloaddition of 1-Styrylnaphthols with Quinones Catalyzed by a Chiral Phosphoric Acid. Organic Letters, 2018, 20, 2929-2933.	4.6	37
22	Enantioselective Organocatalytic Sulfenylation of Î²-Naphthols. Journal of Organic Chemistry, 2018, 83, 4730-4738.	3.2	34
23	Liquid chromatography with alkylammonium formate ionic liquid mobile phases and fluorescence detection. Journal of Chromatography A, 2018, 1559, 128-135.	3.7	19
24	Enantioselective Reactions Catalyzed by Nâ€Heterocyclic Carbenes. Asian Journal of Organic Chemistry, 2018, 7, 54-69.	2.7	54
25	Metal-Free Dehydrogenative Dielsâ€“Alder Reactions of Prenyl Derivatives with Dienophiles via a Thermal Reversible Process. Organic Letters, 2018, 20, 5774-5778.	4.6	8
26	Nâ€Heterocyclic Carbeneâ€Catalyzed Intramolecular Nucleophilic Substitution: Enantioselective Construction of Allâ€Carbon Quaternary Stereocenters. Chemistry - A European Journal, 2017, 23, 2783-2787.	3.3	20
27	Asymmetric Arylative Dearomatization of Î²â€Naphthols Catalyzed by a Chiral Phosphoric Acid. Chemistry - A European Journal, 2017, 23, 5381-5385.	3.3	44
28	Enantioselective Chloroâ€Oâ€cyclization of Unsaturated Nâ€Tosylcarbamates. Advanced Synthesis and Catalysis, 2017, 359, 1295-1300.	4.3	8
29	N-Heterocyclic Carbene Catalyzed Stereoselective Glycosylation of 2-Nitrogalactals. Organic Letters, 2017, 19, 5272-5275.	4.6	21
30	Divergent Synthesis of 3,3â€Disubstituted Oxindoles Initiated by Palladiumâ€Catalyzed Intramolecular Arylation of Unsaturated Amides. Asian Journal of Organic Chemistry, 2016, 5, 971-975.	2.7	26
31	N-Heterocyclic Carbene Catalyzed Sulfenylation of Î±,Î²-Unsaturated Aldehydes. Organic Letters, 2016, 18, 5708-5711.	4.6	31
32	Theoretical Investigation of the Effect of N Substitution in C[^]N and N[^]N Heteroaromatic Ligands on the Photophysical Properties of Two Series of Iridium(III) Carbene Complexes. European Journal of Inorganic Chemistry, 2016, 2016, 1541-1547.	2.0	9
33	Metal-Free Amidation of Ethers with N,N-Dibromosulfonamides. Synlett, 2016, 27, 1438-1442.	1.8	3
34	N,N-Dibromosulfonamides: Versatile Reagents in Organic Synthesis. Current Organic Chemistry, 2016, 20, 2083-2098.	1.6	2
35	Cu/Pd-Catalyzed, Three-Component Click Reaction of Azide, Alkyne, and Aryl Halide: One-Pot Strategy toward Trisubstituted Triazoles. Organic Letters, 2015, 17, 2860-2863.	4.6	79
36	A Dehydrogenative Dielsâ€“Alder Reaction of Prenyl Derivatives with 2,3â€Dichloroâ€5,6â€dicyanobenzoquinone. Advanced Synthesis and Catalysis, 2015, 357, 940-944.	4.3	23

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37	BF3Â·Et2O catalyzed allylation of oxindoles with allyl trichloroacetimidate. Tetrahedron Letters, 2015, 56, 1501-1504.	1.4	3
38	Nine New Phosphorene Polymorphs with Non-Honeycomb Structures: A Much Extended Family. Nano Letters, 2015, 15, 3557-3562.	9.1	275
39	Synthesis of Oxazoles by Tandem Cycloisomerization/Allylic Alkylation of Propargyl Amides with Allylic Alcohols: Zn(OTf)₂ as Ï€ Acid and Ïƒ Acid Catalyst. Journal of Organic Chemistry, 2015, 80, 12718-12724.	3.2	35
40	Applications of Poly(Ethylene)Glycol (PEG) in Separation Science. Chromatographia, 2015, 78, 1427-1442.	1.3	34
41	Regioselective Bromocyclization of Unsaturated N-Tosylcarbamates Promoted by N,N-Dibromosulfonamides. Synlett, 2014, 25, 1921-1925.	1.8	6
42	Recent Progress in the Asymmetric Intermolecular Halogenation of Alkenes. Synthesis, 2014, 46, 586-595.	2.3	54
43	N-Heterocyclic Carbene Catalyzed Intramolecular Acylation of Allylic Electrophiles. Organic Letters, 2014, 16, 2904-2907.	4.6	33
44	Bromoform reaction of tertiary amines with N,N-dibromosulfonamides or NBS/sulfonamides. Chemical Communications, 2014, 50, 12367-12370.	4.1	18
45	Catalytic enantioselective bromoamination of allylic alcohols. Chemical Communications, 2014, 50, 13841-13844.	4.1	26
46	The ionic liquid isopropylammonium formate as a mobile phase modifier to improve protein stability during reversed phase liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 940, 112-120.	2.3	26
47	Enantioselective synthesis of 2-substituted and 3-substituted piperidines through a bromoaminocyclization process. Chemical Communications, 2013, 49, 4412-4414.	4.1	74
48	A highly enantioselective approach towards 2-substituted 3-bromopyrrolidines. Organic and Biomolecular Chemistry, 2012, 10, 3808.	2.8	75
49	Multicomponent Approach in the Synthesis of 2,2,6-Trisubstituted Morpholine Derivatives. Organic Letters, 2012, 14, 5250-5253.	4.6	31
50	An Enantioselective Approach toward 3,4-Dihydroisocoumarin through the Bromocyclization of Styrene-type Carboxylic Acids. Journal of Organic Chemistry, 2012, 77, 999-1009.	3.2	138
51	Enantioselective Bromolactonization Using an Sâ€Alkyl Thiocarbamate Catalyst. Angewandte Chemie - International Edition, 2012, 51, 7771-7775.	13.8	154
52	Scope and Mechanistic Studies of Electrophilic Alkoxyetherification. Organic Letters, 2011, 13, 6456-6459.	4.6	27
53	Aminothiocarbamate-Catalyzed Asymmetric Bromolactonization of 1,2-Disubstituted Olefinic Acids. Organic Letters, 2011, 13, 2738-2741.	4.6	136
54	Enantioselective Bromoaminocyclization Using Aminoâ€“Thiocarbamate Catalysts. Journal of the American Chemical Society, 2011, 133, 9164-9167.	13.7	188

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55	N-Bromosuccinimide Promoted One-Pot Synthesis of Guanidine: Scope and Mechanism. Organic Letters, 2011, 13, 5804-5807.	4.6	43
56	N-Bromosuccinimide Initiated One-Pot Synthesis of Imidazoline. Organic Letters, 2011, 13, 2448-2451.	4.6	51
57	Organocatalytic Enantioselective Halolactonizations: Strategies of Halogen Activation. Synlett, 2011, 2011, 1335-1339.	1.8	45
58	Total synthesis of malyngamide M and isomalyngamide M. Tetrahedron, 2010, 66, 3499-3507.	1.9	14
59	Stereoselective synthesis of (Z)-5-(Trideca-4-enyl)resorcinol and gibbilimbols A-D. Chinese Journal of Chemistry, 2010, 22, 1344-1349.	4.9	3
60	Asymmetric Bromolactonization Using Amino-thiocarbamate Catalyst. Journal of the American Chemical Society, 2010, 132, 15474-15476.	13.7	301
61	Facile, Efficient, and Catalyst-Free Electrophilic Aminoalkoxylation of Olefins: Scope and Application. Journal of the American Chemical Society, 2010, 132, 10245-10247.	13.7	72
62	Synthesis of gibbilimbols B and D by a modified Rambergâ€“BÃcklund reaction. Chinese Chemical Letters, 2009, 20, 147-149.	9.0	5
63	A Convergent Route for the Total Synthesis of Malyngamides O, P, Q, and R. Journal of Organic Chemistry, 2009, 74, 4149-4157.	3.2	33
64	First Total Synthesis of Hyacinthacine A6 from the Protected Derivative of Polyhydroxylated Pyrrolidine. Chemical Research in Chinese Universities, 2008, 24, 469-472.	2.6	10
65	An Efficient Synthesis of Functionalized Pyrrolidines and 5-epi-Hyacinthacine A4 from d-Glucose. Synthesis, 2007, 2007, 1359-1365.	2.3	1
66	C₃_v-Symmetrical Tribenzotriquinacenes Extended by Six C₁-Functional Groups and the First Triquinacene-Based Tris(dithiametacyclophanes). Journal of Organic Chemistry, 2007, 72, 6382-6389.	3.2	23
67	First Synthesis of a Series of New Natural Glucosides. Chinese Journal of Chemistry, 2006, 24, 1625-1630.	4.9	4
68	Multiple Stille Cross-Coupling Reactions with Tribenzotriquinacenes and Fenestrindanes - En Route to Extended Convex/Concave and Saddle-Shaped Carbon Frameworks. Synlett, 2005, 2005, 2771-2775.	1.8	1