

# Ling Zhou

## List of Publications by Year in descending order

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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	Asymmetric Bromolactonization Using Amino-thiocarbamate Catalyst. <i>Journal of the American Chemical Society</i> , 2010, 132, 15474-15476.	13.7	301
2	Nine New Phosphorene Polymorphs with Non-Honeycomb Structures: A Much Extended Family. <i>Nano Letters</i> , 2015, 15, 3557-3562.	9.1	275
3	Enantioselective Bromoaminocyclization Using Amino-thiocarbamate Catalysts. <i>Journal of the American Chemical Society</i> , 2011, 133, 9164-9167.	13.7	188
4	Enantioselective Bromolactonization Using an <i>α</i> -Alkyl Thiocarbamate Catalyst. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7771-7775.	13.8	154
5	An Enantioselective Approach toward 3,4-Dihydroisocoumarin through the Bromocyclization of Styrene-type Carboxylic Acids. <i>Journal of Organic Chemistry</i> , 2012, 77, 999-1009.	3.2	138
6	Aminothiocabamate-Catalyzed Asymmetric Bromolactonization of 1,2-Disubstituted Olefinic Acids. <i>Organic Letters</i> , 2011, 13, 2738-2741.	4.6	136
7	Conversion of two stereocenters to one or two chiral axes: atroposelective synthesis of 2,3-diarylbenzoindoles. <i>Chemical Science</i> , 2019, 10, 6777-6784.	7.4	116
8	Cu/Pd-Catalyzed, Three-Component Click Reaction of Azide, Alkyne, and Aryl Halide: One-Pot Strategy toward Trisubstituted Triazoles. <i>Organic Letters</i> , 2015, 17, 2860-2863.	4.6	79
9	A highly enantioselective approach towards 2-substituted 3-bromopyrrolidines. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3808.	2.8	75
10	Enantioselective synthesis of 2-substituted and 3-substituted piperidines through a bromoaminocyclization process. <i>Chemical Communications</i> , 2013, 49, 4412-4414.	4.1	74
11	Facile, Efficient, and Catalyst-Free Electrophilic Aminoalkoxylation of Olefins: Scope and Application. <i>Journal of the American Chemical Society</i> , 2010, 132, 10245-10247.	13.7	72
12	Construction of Axially Chiral Compounds via Central-to-Axial Chirality Conversion. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2939-2951.	3.3	56
13	Recent Progress in the Asymmetric Intermolecular Halogenation of Alkenes. <i>Synthesis</i> , 2014, 46, 586-595.	2.3	54
14	Enantioselective Reactions Catalyzed by <i>N</i> -Heterocyclic Carbenes. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 54-69.	2.7	54
15	<i>N</i> -Bromosuccinimide Initiated One-Pot Synthesis of Imidazoline. <i>Organic Letters</i> , 2011, 13, 2448-2451.	4.6	51
16	Organocatalytic cycloaddition of alkynylindoles with azonaphthalenes for atroposelective construction of indole-based biaryls. <i>Nature Communications</i> , 2022, 13, 632.	12.8	46
17	Organocatalytic Enantioselective Halolactonizations: Strategies of Halogen Activation. <i>Synlett</i> , 2011, 2011, 1335-1339.	1.8	45
18	Asymmetric Arylative Dearomatization of <i>1</i> -Naphthols Catalyzed by a Chiral Phosphoric Acid. <i>Chemistry - A European Journal</i> , 2017, 23, 5381-5385.	3.3	44

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19	N-Bromosuccinimide Promoted One-Pot Synthesis of Guanidine: Scope and Mechanism. <i>Organic Letters</i> , 2011, 13, 5804-5807.	4.6	43
20	Enantioselective [3 + 2] Formal Cycloaddition of 1-Styrylnaphthols with Quinones Catalyzed by a Chiral Phosphoric Acid. <i>Organic Letters</i> , 2018, 20, 2929-2933.	4.6	37
21	Rh-Catalyzed Regioselective Dialkylation of Cage Bâ€“H bonds in o-Carboranes: Oxidative Heck Reactions via an Enol Isomerization. <i>Organic Letters</i> , 2019, 21, 8018-8021.	4.6	37
22	Asymmetric Synthesis of Quinoline-Naphthalene Atropisomers by Central-to-Axial Chirality Conversion. <i>Organic Letters</i> , 2020, 22, 8894-8898.	4.6	37
23	Organocatalytic cycloadditionâ€“elimination cascade for atroposelective construction of heterobiaryls. <i>Chemical Science</i> , 2021, 12, 14920-14926.	7.4	36
24	Synthesis of Oxazoles by Tandem Cycloisomerization/Allylic Alkylation of Propargyl Amides with Allylic Alcohols: Zn(OTf) <sub>2</sub> as Î€ Acid and Îƒ Acid Catalyst. <i>Journal of Organic Chemistry</i> , 2015, 80, 12718-12724.	3.2	35
25	Applications of Poly(Ethylene)Glycol (PEG) in Separation Science. <i>Chromatographia</i> , 2015, 78, 1427-1442.	1.3	34
26	Enantioselective Organocatalytic Sulfenylation of Î²-Naphthols. <i>Journal of Organic Chemistry</i> , 2018, 83, 4730-4738.	3.2	34
27	A Convergent Route for the Total Synthesis of Malyngamides O, P, Q, and R. <i>Journal of Organic Chemistry</i> , 2009, 74, 4149-4157.	3.2	33
28	<i>N</i>-Heterocyclic Carbene Catalyzed Intramolecular Acylation of Allylic Electrophiles. <i>Organic Letters</i> , 2014, 16, 2904-2907.	4.6	33
29	Multicomponent Approach in the Synthesis of 2,2,6-Trisubstituted Morpholine Derivatives. <i>Organic Letters</i> , 2012, 14, 5250-5253.	4.6	31
30	<i>N</i>-Heterocyclic Carbene Catalyzed Sulfenylation of Î±,Î²-Unsaturated Aldehydes. <i>Organic Letters</i> , 2016, 18, 5708-5711.	4.6	31
31	Palladium-Catalyzed Site-Selective C(sp <sup>3</sup> )â€“H Arylation of Phenylacetaldehydes. <i>Organic Letters</i> , 2019, 21, 7084-7088.	4.6	28
32	Scope and Mechanistic Studies of Electrophilic Alkoxyetherification. <i>Organic Letters</i> , 2011, 13, 6456-6459.	4.6	27
33	Construction of Bisbenzopyrone via N-Heterocyclic Carbene Catalyzed Intramolecular Hydroacylationâ€“Stetter Reaction Cascade. <i>Organic Letters</i> , 2018, 20, 2676-2679.	4.6	27
34	The ionic liquid isopropylammonium formate as a mobile phase modifier to improve protein stability during reversed phase liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 940, 112-120.	2.3	26
35	Catalytic enantioselective bromoamination of allylic alcohols. <i>Chemical Communications</i> , 2014, 50, 13841-13844.	4.1	26
36	Divergent Synthesis of 3,3-Disubstituted Oxindoles Initiated by Palladiumâ€“Catalyzed Intramolecular Arylation of Unsaturated Amides. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 971-975.	2.7	26

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37	<i>C</i> <sub>3</sub> <i>v</i> -Symmetrical Tribenzotriquinacenes Extended by Six C <sub>1</sub> -Functional Groups and the First Triquinacene-Based Tris(dithiametacyclophanes). <i>Journal of Organic Chemistry</i> , 2007, 72, 6382-6389.	3.2	23
38	A Dehydrogenative Diels-Alder Reaction of Prenyl Derivatives with 2,3-dichloro-5,6-dicyanobenzoquinone. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 940-944.	4.3	23
39	<i>N</i> -Heterocyclic Carbene Catalyzed Stereoselective Glycosylation of 2-Nitrogalactals. <i>Organic Letters</i> , 2017, 19, 5272-5275.	4.6	21
40	Chiral Phosphoric-Acid-Catalyzed Cascade Prins Cyclization. <i>Organic Letters</i> , 2019, 21, 7143-7148.	4.6	21
41	<i>N</i> -Heterocyclic Carbene-Catalyzed Intramolecular Nucleophilic Substitution: Enantioselective Construction of All-Carbon Quaternary Stereocenters. <i>Chemistry - A European Journal</i> , 2017, 23, 2783-2787.	3.3	20
42	Liquid chromatography with alkylammonium formate ionic liquid mobile phases and fluorescence detection. <i>Journal of Chromatography A</i> , 2018, 1559, 128-135.	3.7	19
43	Bromoform reaction of tertiary amines with <i>N,N</i> -dibromosulfonamides or NBS/sulfonamides. <i>Chemical Communications</i> , 2014, 50, 12367-12370.	4.1	18
44	Phenanthrene Synthesis by Palladium(II)-Catalyzed <sup>13</sup> C(sp <sup>2</sup> )-H Arylation, Cyclization, and Migration Tandem Reaction. <i>Organic Letters</i> , 2019, 21, 80-84.	4.6	18
45	Synthesis of benzannulated spiroketals with gold-catalyzed cycloisomerization/spiroketalization cascade. <i>Organic Chemistry Frontiers</i> , 2018, 5, 990-993.	4.5	15
46	Total synthesis of malyngamide M and isomalyngamide M. <i>Tetrahedron</i> , 2010, 66, 3499-3507.	1.9	14
47	A dual grafted fluorinated hydrocarbon amine weak anion exchange resin polymer for adsorption of perfluorooctanoic acid from water. <i>Journal of Hazardous Materials</i> , 2022, 431, 128521.	12.4	14
48	Palladium-catalyzed regioselective synthesis of B(4,5)- or B(4)-substituted o-carboranes containing $\beta,\beta'$ -unsaturated carbonyls. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4723-4727.	2.8	13
49	First Total Synthesis of Hyacinthacine A6 from the Protected Derivative of Polyhydroxylated Pyrrolidine. <i>Chemical Research in Chinese Universities</i> , 2008, 24, 469-472.	2.6	10
50	Theoretical Investigation of the Effect of N Substitution in C <sup>N</sup> and N <sup>N</sup> Heteroaromatic Ligands on the Photophysical Properties of Two Series of Iridium(III) Carbene Complexes. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1541-1547.	2.0	9
51	Copper(I)/DDQ-Mediated Double-Dehydrogenative Diels-Alder Reaction of Aryl Butenes with 1,4-Diketones and Indolones. <i>Organic Letters</i> , 2020, 22, 7169-7174.	4.6	9
52	Hydrogen Bond Assisted Central-to-Spiro Chirality Transfer and Central-to-Axial Chirality Conversion: Asymmetric Synthesis of Spirocycles. <i>Organic Letters</i> , 2021, 23, 9315-9320.	4.6	9
53	Enantioselective Chloro-oxacyclization of Unsaturated <i>N</i> -Tosylcarbamates. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1295-1300.	4.3	8
54	Metal-Free Dehydrogenative Diels-Alder Reactions of Prenyl Derivatives with Dienophiles via a Thermal Reversible Process. <i>Organic Letters</i> , 2018, 20, 5774-5778.	4.6	8

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55	Synthesis of Tetrahydroisoindolinones via a Metal-Free Dehydrogenative Diels-Alder Reaction. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2268-2273.	4.3	8
56	Selectfluor-Mediated Stereoselective [1 + 1 + 4 + 4] Dimerization of Styrylnaphthols. <i>Organic Letters</i> , 2019, 21, 9829-9835.	4.6	7
57	Regioselective Bromocyclization of Unsaturated N-Tosylcarbamates Promoted by N,N-Dibromosulfonamides. <i>Synlett</i> , 2014, 25, 1921-1925.	1.8	6
58	Synthesis of gibbilibols B and D by a modified Ramberg-Bäcklund reaction. <i>Chinese Chemical Letters</i> , 2009, 20, 147-149.	9.0	5
59	First Synthesis of a Series of New Natural Glucosides. <i>Chinese Journal of Chemistry</i> , 2006, 24, 1625-1630.	4.9	4
60	Stereoselective synthesis of (Z)-5-(Trideca-4-enyl)resorcinol and gibbilibols A-D. <i>Chinese Journal of Chemistry</i> , 2010, 22, 1344-1349.	4.9	3
61	BF <sub>3</sub> ·Et <sub>2</sub> O catalyzed allylation of oxindoles with allyl trichloroacetimidate. <i>Tetrahedron Letters</i> , 2015, 56, 1501-1504.	1.4	3
62	Metal-Free Amidation of Ethers with N,N-Dibromosulfonamides. <i>Synlett</i> , 2016, 27, 1438-1442.	1.8	3
63	N-Heterocyclic Carbene Catalyzed Stereoselective Synthesis of 2-Nitro-thiogalactosides. <i>Synthesis</i> , 2019, 51, 3451-3461.	2.3	2
64	N,N-Dibromosulfonamides: Versatile Reagents in Organic Synthesis. <i>Current Organic Chemistry</i> , 2016, 20, 2083-2098.	1.6	2
65	A Dehydrogenative Inverse Electron Demand Diels-Alder Reaction for the Synthesis of Functionalized Pyranones. <i>Organic Letters</i> , 2022, 24, 4316-4321.	4.6	2
66	Multiple Stille Cross-Coupling Reactions with Tribenzotriquinacenes and Fenestrindanes - En Route to Extended Convex/Concave and Saddle-Shaped Carbon Frameworks. <i>Synlett</i> , 2005, 2005, 2771-2775.	1.8	1
67	An Efficient Synthesis of Functionalized Pyrrolidines and 5-epi-Hyacinthacine A4 from d-Glucose. <i>Synthesis</i> , 2007, 2007, 1359-1365.	2.3	1
68	Scandium Triflate Catalyzed Tandem Transfer Hydrogenation and Cyclization Reaction of <i>o</i> -Aminobenzaldehydes and <i>o</i> -Aminoacetophenone with Alcohols. <i>Journal of Organic Chemistry</i> , 2021, 86, 17673-17683.	3.2	1