

# Limin Yang

## List of Publications by Year in descending order

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17  
papers

776  
citations

516561

16  
h-index

839398

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

677  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the redox decomposition of ethylene carbonateâ€“propylene carbonate in Li-ion batteries. <i>Materials Advances</i> , 2021, 2, 1747-1751.	2.6	18
2	Enantioselective Synthesis of Axially Chiral Biaryls by Dielsâ€“Alder/Retro-Dielsâ€“Alder Reaction of 2-Pyrones with Alkynes. <i>Journal of the American Chemical Society</i> , 2021, 143, 8993-9001.	6.6	57
3	Organocatalyst-controlled site-selective arene Câ€“H functionalization. <i>Nature Chemistry</i> , 2021, 13, 982-991.	6.6	52
4	[8+2] vs [4+2] Cycloadditions of Cyclohexadienamines to Tropone and Heptafulvenesâ€“Mechanisms and Selectivities. <i>Journal of the American Chemical Society</i> , 2021, 143, 934-944.	6.6	23
5	Highly Chemoselective and Enantioselective Synthesis of 3,4-2<i>H</i>-Pyridin-2-ones by an NHC-Catalyzed [3 + 3] Cyclization. <i>Organic Letters</i> , 2020, 22, 3329-3334.	2.4	17
6	NHC-Catalyzed Asymmetric Formal [4 + 2] Annulation To Construct Spirocyclohexane Pyrazolone Skeletons. <i>Organic Letters</i> , 2019, 21, 7943-7947.	2.4	35
7	Investigation of the Linker Swing Motion in the Zeolitic Imidazolate Framework ZIF-90. <i>Journal of Physical Chemistry C</i> , 2018, 122, 7203-7209.	1.5	19
8	NHC-catalyzed [4+2] cycloaddition reactions for the synthesis of 3â€“spirocyclic oxindoles <i>via</i> a Câ€“F bond cleavage protocol. <i>Chemical Communications</i> , 2018, 54, 1567-1570.	2.2	25
9	Chiral NHC-catalyzed 1,3-dipolar [3 + 2] cycloaddition of azomethine imines with $\hat{\pm}$ -chloroaldehydes for the synthesis of bicyclic pyrazolidinones. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4433-4438.	1.5	26
10	N-Heterocyclic Carbene-Catalyzed Asymmetric Benzoin Reaction in Water. <i>Journal of Organic Chemistry</i> , 2018, 83, 7547-7552.	1.7	25
11	Synthetic Access to Oxazolidin-4-ones via Elimination/[3+2] Cycloaddition Reaction. <i>Journal of Organic Chemistry</i> , 2017, 82, 9779-9785.	1.7	38
12	Rapid Access to Spirocyclic Oxindoles: Application of Asymmetric N-Heterocyclic Carbene-Catalyzed [3 + 3] Cycloaddition of Imines to Oxindole-Derived Enals. <i>Organic Letters</i> , 2015, 17, 2318-2321.	2.4	89
13	Cooperative catalysis of N-heterocyclic carbene and BrÃ„nsted acid for a highly enantioselective route to unprotected spiro-indoline-pyrans. <i>Chemical Communications</i> , 2015, 51, 8330-8333.	2.2	65
14	N-Heterocyclic Carbene-Catalyzed Activation of Esters of <i>N</i>-Hydroxyphthalimide: A Highly Enantioselective Route to Chiral Dihydropyridinones Bearing an All Carbon Quaternary Stereogenic Center. <i>Organic Letters</i> , 2015, 17, 5052-5055.	2.4	56
15	Asymmetric NHC-Catalyzed Aza-Dielsâ€“Alder Reactions: Highly Enantioselective Route to $\hat{\pm}$ -Amino Acid Derivatives and DFT Calculations. <i>Organic Letters</i> , 2014, 16, 3872-3875.	2.4	54
16	<i>N</i>-Heterocyclic Carbene (NHC)-Catalyzed Highly Diastereo- and Enantioselective Oxo-Dielsâ€“Alder Reactions for Synthesis of Fused Pyrano[2,3- <i>b&lt;/i&gt;]indoles. <i>Organic Letters</i>, 2012, 14, 2894-2897.</i>	2.4	104
17	An Unexpected N-Heterocyclic Carbene-Catalyzed Annulation of Enals and Nitroso Compounds. <i>Journal of Organic Chemistry</i> , 2009, 74, 1744-1746.	1.7	72