Ping Lu

List of Publications by Year
in descending order

23 papers	731 citations	759233 12 h-index	677142 22 g-index
23 all docs	23 docs citations	23 times ranked	702 citing authors

#	Article	IF	Citations
1	Cutting-Edge and Time-Honored Strategies for Stereoselective Construction of Câ€“N Bonds in Total Synthesis. Chemical Reviews, 2016, 116, 4441-4557.	47.7	141
2	Total Synthesis of Maoecrystal V: Early-Stage Câ€“H Functionalization and Lactone Assembly by Radical Cyclization. Journal of the American Chemical Society, 2013, 135, 14552-14555.	13.7	118
3	Catalytic approaches to assemble cyclobutane motifs in natural product synthesis. Organic Chemistry Frontiers, 2018, 5, 254-259.	4.5	92
4	Enantioselective Desymmetrization of Cyclobutanones Enabled by Synergistic Palladium/Enamine Catalysis. Angewandte Chemie - International Edition, 2018, 57, 2707-2711.	13.8	55
5	Lithium Enolates in the Enantioselective Construction of Tetrasubstituted Carbon Centers with Chiral Lithium Amides as Noncovalent Stereodirecting Auxiliaries. Journal of the American Chemical Society, 2017, 139, 527-533.	13.7	53
6	Direct Enantioselective Conjugate Addition of Carboxylic Acids with Chiral Lithium Amides as Traceless Auxiliaries. Journal of the American Chemical Society, 2015, 137, 656-659.	13.7	44
7	Enantioselective Synthesis of 3â€Substituted Cyclobutenes by Catalytic Conjugate Addition/Trapping Strategies. Angewandte Chemie - International Edition, 2020, 59, 2750-2754.	13.8	36
8	Total Synthesis of Unsymmetrically Oxidized Nuphar Thioalkaloids via Copper-Catalyzed Thiolane Assembly. Journal of the American Chemical Society, 2017, 139, 13272-13275.	13.7	33
9	Toward the Synthesis of Nuphar Sesquiterpene Thioalkaloids: Stereodivergent Rhodium-Catalyzed Synthesis of the Thiolane Subunit. Journal of Organic Chemistry, 2015, 80, 7581-7589.	3.2	30
10	Dancing on Ropes â€•Enantioselective Functionalization of Preformed <scp>Fourâ€Membered</scp> Carbocycles. Chinese Journal of Chemistry, 2022, 40, 1346-1358.	4.9	25
11	Enantioselective Desymmetrization of Cyclobutanones Enabled by Synergistic Palladium/Enamine Catalysis. Angewandte Chemie, 2018, 130, 2737-2741.	2.0	22
12	3â€(Methoxycarbonyl)Cyclobutenone as a Reactive Dienophile in Enantioselective Dielsâ€“Alder Reactions Catalyzed by Chiral Oxazaborolidinium Ions. Angewandte Chemie - International Edition, 2021, 60, 4609-4613.	13.8	20
13	Enantioselective Functionalization of Prochiral Cyclobutanones and Cyclobutenones. Synlett, 2021, 32, 1253-1259.	1.8	10
14	Catalytic enantioselective synthesis of benzocyclobutenols and cyclobutanols via a sequential reduction/Câ€“H functionalization. Chemical Science, 2021, 12, 10598-10604.	7.4	9
15	Diastereoselective synthesis of 1,1,3,3-tetrasubstituted cyclobutanes enabled by cycloaddition of bicyclo[1.1.0]butanes. Organic Chemistry Frontiers, 2022, 9, 2149-2153.	4.5	9
16	Enantioselective Synthesis of 3â€Substituted Cyclobutenes by Catalytic Conjugate Addition/Trapping Strategies. Angewandte Chemie, 2020, 132, 2772-2776.	2.0	8
17	Enantioselective Synthesis of Indanes with a Quaternary Stereocenter via Diastereoselective C(sp³)â€“H Functionalization. Organic Letters, 2021, 23, 7359-7363.	4.6	7
18	Recent Advances in Cooperative Catalysis of Chiral Lewis Base and Transition Metal Catalyst. Acta Chimica Sinica, 2018, 76, 825.	1.4	6

#	Article	IF	Citations
19	Chiral lithium amide mediated desymmetrization of 3-substituted cyclobutanone. Organic Chemistry Frontiers, 2021, 8, 2977-2980.	4.5	5
20	Controllable Skeleton Rearrangement of 3â€Substituted Cyclobutanones under Basic Conditions â€. Chinese Journal of Chemistry, 2020, 38, 1103-1106.	4.9	4
21	3â€(Methoxycarbonyl)Cyclobutenone as a Reactive Dienophile in Enantioselective Dielsâ€“Alder Reactions Catalyzed by Chiral Oxazaborolidinium Ions. Angewandte Chemie, 2021, 133, 4659-4663.	2.0	2
22	Synthesis of Dibenzo[a,e]cyclooctene-5,11(6H,12H)-diones via the Elusive Benzocyclobutenone Anion. Synthesis, 2021, 53, 4477-4483.	2.3	2
23	Total Synthesis of (+)-Kingianin A by Enantioselective Cycloaddition of Strained Cyclobutenone. Synthesis, 0, 54, .	2.3	0