

Lin Hu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

642
citations

840776

11
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

738
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic asymmetric umpolung reactions of imines. <i>Nature</i> , 2015, 523, 445-450.	27.8	222
2	Catalytic Asymmetric Synthesis of Chiral β -Amino Ketones via Umpolung Reactions of Imines. <i>Journal of the American Chemical Society</i> , 2016, 138, 15817-15820.	13.7	74
3	Synthesis of Polysubstituted Pyridines via a One-Pot Metal-Free Strategy. <i>Organic Letters</i> , 2015, 17, 5974-5977.	4.6	70
4	Total Synthesis of the Diterpenoid (+)-Harringtonolide. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11638-11641.	13.8	59
5	Catalytic Enantioselective Peroxidation of α,β -Unsaturated Aldehydes for the Asymmetric Synthesis of Biologically Important Chiral Endoperoxides. <i>Journal of the American Chemical Society</i> , 2015, 137, 8400-8403.	13.7	43
6	Unexpected Role of <i>p</i> -Toluenesulfonylmethyl Isocyanide as a Sulfonylating Agent in Reactions with α -Bromocarbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2016, 81, 5504-5512.	3.2	38
7	A Unified Catalytic Asymmetric (4+1) and (5+1) Annulation Strategy to Access Chiral Spirooxindole-Fused Oxacycles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19813-19820.	13.8	21
8	Total Synthesis of the Diterpenoid (+)-Harringtonolide. <i>Angewandte Chemie</i> , 2016, 128, 11810-11813.	2.0	18
9	Lignans and Neolignans with Antioxidant and Human Cancer Cell Proliferation Inhibitory Activities from <i>Cinnamomum bejolghota</i> Confirm Its Functional Food Property. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 8825-8835.	5.2	16
10	General [4 + 1] Cyclization Approach To Access 2,2-Disubstituted Tetrahydrofurans Enabled by Electrophilic Bifunctional Peroxides. <i>Organic Letters</i> , 2019, 21, 5679-5684.	4.6	15
11	Synthesis of Chromeno[2,3- <i>d</i>]pyrimidin-5-one Derivatives from 1,3,5-Triazinanes via Two Different Reaction Pathways. <i>Journal of Organic Chemistry</i> , 2022, 87, 1348-1356.	3.2	14
12	Ring-Strain-Enabled Catalytic Asymmetric Umpolung C=O Bond-Forming Reactions of 1,2-Oxazetidines for the Synthesis of Functionalized Chiral Ethers. <i>Organic Letters</i> , 2020, 22, 5561-5566.	4.6	10
13	Synthesis of 1,3-Aminoalcohols and Spirocyclic Azetidines via Tandem Hydroxymethylation and Aminomethylation Reaction of β -Keto Phosphonates with <i>N</i> -Nosyl- <i>O</i> -(2-bromoethyl)hydroxylamine. <i>Organic Letters</i> , 2021, 23, 4152-4157.	4.6	10
14	Formal [5+1] annulation reactions of dielectrophilic peroxides: facile access to functionalized dihydropyrans. <i>Chemical Communications</i> , 2020, 56, 13189-13192.	4.1	7
15	<i>N</i> -Nosyl- <i>O</i> -bromoethyl hydroxylamine acts as a multifunctional formaldehyde, formalimine, and 1,2-oxazetidine surrogate for C=C and C=O bond-forming reactions. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5124-5129.	4.5	6
16	Phase-Transfer Catalyzed Asymmetric [4 + 1] Annulations for the Synthesis of Chiral 2,2-Disubstituted Tetrahydrothiophenes. <i>Organic Letters</i> , 2021, 23, 7529-7534.	4.6	5
17	Annulation-retro-Claisen cascade of bifunctional peroxides for the synthesis of lactone natural products. <i>Chemical Communications</i> , 2021, 58, 274-277.	4.1	5
18	Phase-Transfer-Catalyzed Asymmetric Annulations of Alkyl Dihalides with Oxindoles: Unified Access to Chiral Spirocarbocyclic Oxindoles. <i>Organic Letters</i> , 2022, 24, 875-880.	4.6	4

#	ARTICLE	IF	CITATIONS
19	A General and Practical Synthesis of Chiral 1,2-Oxazetidines. Asian Journal of Organic Chemistry, 2020, 9, 197-201.	2.7	2
20	A Unified Catalytic Asymmetric (4+1) and (5+1) Annulation Strategy to Access Chiral Spirooxindole-Fused Oxacycles. Angewandte Chemie, 2021, 133, 19966-19973.	2.0	2
21	Sc(OTf) ₃ -Catalyzed C-C Bond-Forming Reaction of Cyclic Peroxy Ketals for the Synthesis of Highly Functionalized 1,2-Dioxene Endoperoxides. Organic Letters, 2021, 23, 1632-1637.	4.6	1