

Mei-Hua Shen

List of Publications by Year in descending order

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23
papers

246
citations

1040056

9
h-index

996975

15
g-index

24
all docs

24
docs citations

24
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper-Catalyzed Borylative Cyclization of Substituted <i>N</i> -(2-Vinylaryl)benzaldimines. <i>Organic Letters</i> , 2018, 20, 1777-1780.	4.6	38
2	Stereoselective Synthesis of Polycycles Containing an Aziridine Group: Intramolecular aza-Diels-Alder Reactions of Unactivated 2H-Azirines with Unactivated Dienes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2540-2544.	13.8	30
3	Substituent Enabled Divergent Synthesis of Heterocycles: a Metal Carbene Approach Involving Intramolecular Carbene Interception. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 1154-1158.	2.7	17
4	Expedient catalytic construction of azabicyclo[4.1.0]/[5.1.0] carbaldehydes via intramolecular cyclopropanation. <i>Tetrahedron</i> , 2015, 71, 5124-5129.	1.9	16
5	Ring-Strain-Driven Catalytic Carbene Formation-Cyclopropanation-Aza-Cope Rearrangement Cascade: A Facile Entry to Fused Dihydroazepines from 1,3-Dienyltriazoles. <i>Synthesis</i> , 2015, 47, 641-646.	2.3	16
6	Evolution of the Aza-Diels-Alder Reaction of 2H-Azirines. <i>Synlett</i> , 2016, 27, 2171-2177.	1.8	16
7	Intramolecular Imino-ene Reaction of 2H-azirines with Alkenes: Rapid Construction of Spiro NH Aziridines from Vinyl Azides. <i>Organic Letters</i> , 2018, 20, 3156-3160.	4.6	16
8	Stereoselective synthesis of all-cis boryl tetrahydroquinolines via copper-catalyzed regioselective addition/cyclization of <i>o</i> -aldiminyll cinnamate with B ₂ Pin ₂ . <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1542-1546.	2.8	16
9	Rhodium catalyzed regioselective arene homologation of aryl urea via double C-H bond activation and migratory insertion of alkyne. <i>Chinese Chemical Letters</i> , 2017, 28, 92-96.	9.0	11
10	Intramolecular Schmidt Reaction of Vinyl Azides with Cyclic Ketones. <i>Organic Letters</i> , 2018, 20, 1643-1646.	4.6	10
11	Chemo-, regio-, and stereoselective hydroboration of conjugated enyne alcohol/amine: facile synthesis of <i>Z, Z</i> -/ <i>Z, E</i> -1,3-dien-1/2-ylboronic ester bearing hydroxyl/amino group. <i>Tetrahedron Letters</i> , 2016, 57, 2915-2918.	1.4	9
12	Iridium catalyzed fragmentation/cyclization of <i>N</i> -butynyl 4,4-dimethylisoxazolidine-3,5-diones: a unique access to multiply substituted pyrroles. <i>Organic Chemistry Frontiers</i> , 2018, 5, 46-50.	4.5	8
13	One-pot synthesis of tetrahydroindoles via a copper catalyzed <i>N</i> -alkynylation/[4+2] cycloaddition cascade. <i>Chinese Chemical Letters</i> , 2019, 30, 266-268.	9.0	8
14	Rhodium promoted intramolecular [4+2] cycloaddition of 2-azidodiene with alkyne: A transition metal catalysis approach to challenging fused bicyclic vinyl azide. <i>Tetrahedron Letters</i> , 2019, 60, 1025-1028.	1.4	8
15	Ruthenium catalyzed amination cyclization of 1,2,4-butanetriol with primary amines: A borrowing hydrogen strategy for 3-pyrrolidinol synthesis. <i>Chinese Chemical Letters</i> , 2020, 31, 103-106.	9.0	7
16	Allylation and alkylation of oxindoleketimines via imine umpolung strategy. <i>Chinese Chemical Letters</i> , 2021, 32, 2313-2316.	9.0	5
17	Intramolecular Imino-ene Reaction of Azirines: Regioselectivity, Diastereoselectivity, and Computational Insights. <i>Journal of Organic Chemistry</i> , 2019, 84, 4095-4103.	3.2	4
18	An aryl thiol-vinyl azide coupling reaction and a thiol-vinyl azide coupling/cyclization cascade: efficient synthesis of β -ketosulfides and arene-fused 5-methylene-2-pyrrolidinone derivatives. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5169-5176.	2.8	3

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19	Copper catalyzed borylative cyclization of 3-arylallyl carbamoyl chloride with B2pin2: stereoselective synthesis of cis-2-aryl-3-boryl- β -lactams. <i>Chinese Chemical Letters</i> , 2021, 32, 2297-2300.	9.0	3
20	Ag-Catalyzed cycloisomerization of 1,6-enynamide: an intramolecular type II Alder-ene reaction. <i>Organic Chemistry Frontiers</i> , 2020, 7, 73-75.	4.5	2
21	Straightforward synthesis of 4,5-bifunctionalized 1,2-oxazinanes via Lewis acid promoted regio- and stereo-selective nucleophilic ring-opening of 3,6-dihydro-1,2-oxazine oxides. <i>Tetrahedron</i> , 2019, 75, 130336.	1.9	1
22	Intramolecular Alder-ene cycloisomerization of cyclopropenes with alkenes to access spirocycles. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4799-4804.	4.5	1
23	Aerobic copper-catalyzed homo-coupling of azaallyl anions: A facile access to vicinal diamines. <i>Tetrahedron Letters</i> , 2022, 100, 153886.	1.4	1