

Lin He

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Transition-metal-free synthesis of 4-amino isoquinolin-1(2 <i>H</i>)-ones via a tandem reaction of arynes and oxazoles. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1550-1555.	4.5	11
2	Ir/f-Ampha complex catalyzed asymmetric sequential hydrogenation of enones: a general access to chiral alcohols with two contiguous chiral centers. <i>Chemical Science</i> , 2022, 13, 1808-1814.	7.4	5
3	Catalytic Asymmetric Decarboxylative Michael Addition To Construct an All-Carbon Quaternary Center with 3-Alkenyl-oxindoles. <i>Organic Letters</i> , 2022, 24, 2585-2589.	4.6	6
4	Iridium-catalyzed chemoselective asymmetric hydrogenation of conjugated enones with ferrocene-based multidentate phosphine ligands. <i>Chemical Communications</i> , 2022, 58, 5841-5844.	4.1	4
5	Catalytic Asymmetric Conjugate Addition of 2-Methyl-3,5-dinitrobenzoates to Unsaturated Ketones. <i>Journal of Organic Chemistry</i> , 2022, . .	3.2	0
6	Metal-free visible-light-induced multi-component reactions of $\hat{\pm}$ -diazoesters leading to <i>S</i> -alkyl dithiocarbamates. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3486-3492.	4.5	17
7	A visible-light photoredox-catalyzed four-component reaction for the construction of sulfone-containing quinoxalin-2(1 <i>H</i>)-ones. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5403-5409.	4.5	31
8	Visible-light-promoted sulfonylation of thiols with aryldiazonium and sodium metabisulphite leading to unsymmetrical thiosulfonates. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2461-2467.	4.5	28
9	Nickel-catalyzed asymmetric arylyative cyclization of <i>N</i> -alkynones: Efficient access to 1,2,3,6-tetrahydropyridines with a tertiary alcohol. <i>Chinese Chemical Letters</i> , 2021, 32, 4038-4040.	9.0	13
10	Metal-Free Multi-Component Sulfur Dioxide Insertion Reaction Leading to Quinoxalin-2(1 <i>H</i>)-one-Containing Vinyl Sulfones under Visible-Light Photoredox Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 5122-5128.	4.3	20
11	A concise access to bridged [2,2,1] bicyclic lactones with a quaternary stereocenter via stereospecific hydroformylation. <i>Nature Communications</i> , 2021, 12, 5279.	12.8	6
12	An <i>N</i> -heterocyclic carbene-catalyzed switchable reaction of 9-(trimethylsilyl)fluorene and aldehydes: chemoselective synthesis of dibenzofulvenes and fluorenyl alcohols. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3717-3721.	2.8	2
13	Organocatalytic aminocarbonylation of $\hat{\pm}$, $\hat{2}$ -unsaturated ketones with <i>N,N</i> -dimethyl carbamoylsilane. <i>New Journal of Chemistry</i> , 2021, 45, 7256-7260.	2.8	3
14	The organocatalytic synthesis of perfluorophenylsulfides via the thiolation of trimethyl(perfluorophenyl)silanes and thiosulfonates. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9237-9241.	2.8	5
15	Construction of 6 <i>H</i> -benzo[<i>c</i>]thiochromenes via a tandem reaction of arynes with thionoesters. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6979-6984.	4.5	5
16	Synthesis of hexahydrophenanthridines via the tandem reaction of benzynes. <i>Tetrahedron</i> , 2020, 76, 131372.	1.9	2
17	Direct Assembly of Polysubstituted Naphthalenes via a Tandem Reaction of Benzynes and $\hat{\pm}$ -Cyano- $\hat{2}$ -methyleneones. <i>Journal of Organic Chemistry</i> , 2020, 85, 14210-14218.	3.2	11
18	Multicomponent Reaction of Phosphines, Benzynes, and CO ₂ : Facile Synthesis of Stable Zwitterionic Phosphonium Inner Salts. <i>Journal of Organic Chemistry</i> , 2020, 85, 8872-8880.	3.2	20

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19	<i>N</i> -Heterocyclic Carbene-Catalyzed Double Michael Addition of Cyano Acetates and Dienones: Diastereoselective Synthesis of Multisubstituted Cyclohexanones and Indanes. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 1608.	1.3	5
20	Stereoselective synthesis of \pm -fluoroacrylonitriles via organocatalytic cyanation of gem-difluoroalkenes and TMSCN. <i>New Journal of Chemistry</i> , 2019, 43, 10985-10988.	2.8	5
21	Synthesis of Benzo[<i>b</i>]fluoranthenes and Spiroacridines from Fluorene-Derived Alkenes and <i>N</i> -Arylimines via a Tandem Reaction with Benzynes. <i>Organic Letters</i> , 2019, 21, 3496-3500.	4.6	28
22	<i>N</i> -Heterocyclic carbene-catalyzed diastereoselective synthesis of sulfenylated indanes via sulfa-Michael–Michael (aldol) cascade reactions. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4700-4704.	2.8	10
23	Synthesis of 9-phenol-substituted xanthenes by cascade O-insertion/1,6-conjugate addition of benzyne with ortho-hydroxyphenyl substituted para-quinone methides. <i>Chinese Chemical Letters</i> , 2019, 30, 386-388.	9.0	27
24	Formal[2+1] Annulation of Thiazoles and Stable Sulfur Ylide. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 2549.	1.3	2
25	Divergent synthesis of functionalized thioethers via multicomponent reaction of benzynes. <i>Tetrahedron</i> , 2018, 74, 2876-2883.	1.9	19
26	<i>N</i> -Heterocyclic Carbene-Catalyzed Double Michael Addition: Stereoselective Synthesis of Spirofluorenes and Multisubstituted Indanes. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1704-1710.	4.3	12
27	<i>N</i> -heterocyclic carbene-catalyzed regio- and stereoselective hydrothiolation reaction of alkynes. <i>Synthetic Communications</i> , 2018, 48, 1838-1846.	2.1	4
28	Phosphazene Base-Catalyzed Double Michael Addition: Stereoselective Synthesis of Cyclohexanones. <i>Letters in Organic Chemistry</i> , 2018, 16, 76-80.	0.5	2
29	Insertion Reaction of Benzynes and Stable Sulfur Ylide. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 2045.	1.3	6
30	<i>N</i> -Heterocyclic carbene-catalyzed stereoselective construction of olefinic carbon–sulfur bonds via cross-coupling reaction of gem-difluoroalkenes and thiols. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3863-3868.	2.8	42
31	<i>N</i> -heterocyclic carbene-catalyzed fluorinated silyl- Reformatsky reaction of aldehydes with difluoro (trimethylsilyl) acetate. <i>Tetrahedron</i> , 2017, 73, 4501-4507.	1.9	9
32	<i>N</i> -Heterocyclic carbene-catalyzed sulfa-Michael addition of enals. <i>Chemical Communications</i> , 2017, 53, 13129-13132.	4.1	33
33	Aryne-induced dearomatized phosphorylation of electron-deficient azaarenes. <i>RSC Advances</i> , 2016, 6, 33606-33610.	3.6	28
34	Amination of Diazocarbonyl Compounds: N -H Insertion under Metal-Free Conditions. <i>Journal of Organic Chemistry</i> , 2016, 81, 2943-2949.	3.2	23
35	<i>N</i> -heterocyclic carbene-catalysed Peterson olefination reaction. <i>Tetrahedron</i> , 2016, 72, 472-478.	1.9	18
36	<i>N</i> -Heterocyclic Carbene-Catalysed Diastereoselective Vinylogous Mukaiyama/Michael Reaction of α -(Trimethylsilyloxy)furan and Enones. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 1362-1365.	2.7	10

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37	<i>N</i> -Heterocyclic Carbene-Catalyzed Diastereoselective Vinylogous Michael Addition Reaction of β -Substituted Deconjugated Butenolides. <i>Journal of Organic Chemistry</i> , 2015, 80, 12606-12613.	3.2	28
38	<i>N</i> -heterocyclic carbene-mediated transformations of silicon reagents. <i>Tetrahedron Letters</i> , 2015, 56, 972-980.	1.4	18
39	<i>N</i> -Heterocyclic Carbene-Catalyzed Sulfa-Michael additions. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 327-332.	2.7	22
40	A simple and efficient synthesis of 9-arylfluorenes via metal-free reductive coupling of arylboronic acids and <i>N</i> -tosylhydrazones in situ. <i>RSC Advances</i> , 2015, 5, 63726-63731.	3.6	32
41	<i>N</i> -Heterocyclic carbene-catalysed amidation of vinyl esters with aromatic amines. <i>Tetrahedron</i> , 2015, 71, 3472-3477.	1.9	22
42	Enantioselective Organocatalyzed Oxa-Michael-Aldol Cascade Reactions: Construction of Chiral 4-Hydroxychromenes with a Trifluoromethylated Tetrasubstituted Carbon Stereocenter. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 967-973.	4.3	20
43	<i>N</i> -heterocyclic carbene-catalysed pentafluorophenylation of aldehydes. <i>RSC Advances</i> , 2015, 5, 35513-35517.	3.6	15
44	Organocatalytic direct difluoromethylation of aldehydes and ketones with TMSCF_2H . <i>RSC Advances</i> , 2015, 5, 35421-35424.	3.6	38
45	Transition-metal-free synthesis of multisubstituted <i>N</i> -arylindoles via reaction of arynes and β -amino ketones. <i>Tetrahedron</i> , 2014, 70, 2400-2405.	1.9	28
46	<i>N</i> -Heterocyclic carbene-catalyzed formal cross-coupling reaction of β -haloenals with thiols: organocatalytic construction of sp^2 carbon-sulfur bonds. <i>Chemical Communications</i> , 2014, 50, 3719.	4.1	47
47	Diastereoselective Synthesis of <i>N</i> -Aryl Tetrahydroquinolines and <i>N</i> -Aryl Indolines by the Tandem Reaction of Arynes. <i>Journal of Organic Chemistry</i> , 2014, 79, 5820-5826.	3.2	32
48	<i>N</i> -Heterocyclic Carbenes Catalyzed Phospho-Aldol Reaction of Aldehydes. <i>Chinese Journal of Chemistry</i> , 2013, 31, 1573-1576. NHCs Catalyzed Hydrophosphonylation of Ketoesters and	4.9	4
49	Ketoesters and Trifluoromethyl Ketones. Scientific World Journal, The, 2013, 2013, 1-6.	2.1	0
50	Highly efficient synthesis of 9-aminoxanthenes via the tandem reaction of arynes with salicyl <i>N</i> -tosylimines. <i>Chinese Chemical Letters</i> , 2012, 23, 1359-1362.	9.0	14
51	Diastereoselective Synthesis of β -Butenolides Catalyzed by Potassium tert-Butoxide. <i>Synthetic Communications</i> , 2012, 42, 1226-1233.	2.1	3
52	Hydrophosphonylation of Aldimines under Catalysts-Free Conditions. <i>Chinese Journal of Chemistry</i> , 2012, 30, 1658-1662.	4.9	6
53	<i>N</i> -Heterocyclic Carbene Catalysis: Enantioselective Formal [2+2] Cycloaddition of Ketenes and <i>N</i> -Sulfinylanilines. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9104-9107.	13.8	111
54	[4+2] Cycloaddition of Ketenes with <i>N</i> -Benzoyldiazene Catalyzed by <i>N</i> -Heterocyclic Carbenes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 192-195.	13.8	225

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55	Chiral N-Heterocyclic Carbene Catalyzed Staudinger Reaction of Ketenes with Imines:â€‰ Highly Enantioselective Synthesis of <i>N</i>-Boc Î²-Lactams. Organic Letters, 2008, 10, 277-280.	4.6	326
56	Assembly of unsymmetrical 1,3,5-triarylbenzenes via tandem reaction of Î²-arylethenesulfonyl fluorides and Î±-cyano-Î²-methylenones. New Journal of Chemistry, 0, , .	2.8	0