

Lin He

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Chiral N-Heterocyclic Carbene Catalyzed Staudinger Reaction of Ketenes with Imines: Highly Enantioselective Synthesis of <i>N</i> -Boc β -Lactams. <i>Organic Letters</i> , 2008, 10, 277-280. | 4.6 | 326 |
| 2 | [4+2] Cycloaddition of Ketenes with <i>N</i> -Benzoyldiazenes Catalyzed by N-Heterocyclic Carbenes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 192-195. | 13.8 | 225 |
| 3 | N-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 |
| 4 | N-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 |
| 5 | N-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 |
| 6 | Organocatalytic direct difluoromethylation of aldehydes and ketones with TMSCF ₂ H. <i>RSC Advances</i> , 2015, 5, 35421-35424. | 3.6 | 38 |
| 7 | N-Heterocyclic carbene-catalyzed sulfa-Michael addition of enals. <i>Chemical Communications</i> , 2017, 53, 13129-13132. | 4.1 | 33 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Transition-metal-free synthesis of multisubstituted <i>N</i> -arylindoles via reaction of aryynes and β -amino ketones. <i>Tetrahedron</i> , 2014, 70, 2400-2405. | 1.9 | 28 |
| 12 | <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 |
| 13 | Aryne-induced dearomatized phosphorylation of electron-deficient azaarenes. <i>RSC Advances</i> , 2016, 6, 33606-33610. | 3.6 | 28 |
| 14 | 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 |
| 15 | Visible-light-promoted sulfonylation of thiols with aryl diazonium and sodium metabisulphite leading to unsymmetrical thiosulfonates. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2461-2467. | 4.5 | 28 |
| 16 | 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 |
| 17 | Amination of Diazocarbonyl Compounds: N-H Insertion under Metal-Free Conditions. <i>Journal of Organic Chemistry</i> , 2016, 81, 2943-2949. | 3.2 | 23 |
| 18 | N-Heterocyclic Carbene-Catalyzed Sulfa-Michael additions. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 327-332. | 2.7 | 22 |

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|----|---|-----|-----------|
| 19 | N-Heterocyclic carbene-catalysed amidation of vinyl esters with aromatic amines. <i>Tetrahedron</i> , 2015, 71, 3472-3477. | 1.9 | 22 |
| 20 | Enantioselective Organocatalyzed Oxa- μ -Michael-Aldol Cascade Reactions: Construction of Chiral 4 <i>H</i> -Chromenes with a Trifluoromethylated Tetrasubstituted Carbon Stereocenter. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 967-973. | 4.3 | 20 |
| 21 | 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 |
| 22 | Metal-Free Multi-Component Sulfur Dioxide Insertion Reaction Leading to Quinoxalin-2- <i>O</i> -Containing Vinyl Sulfones under Visible-Light Photoredox Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 5122-5128. | 4.3 | 20 |
| 23 | Divergent synthesis of functionalized thioethers via multicomponent reaction of benzynes. <i>Tetrahedron</i> , 2018, 74, 2876-2883. | 1.9 | 19 |
| 24 | N-heterocyclic carbene-mediated transformations of silicon reagents. <i>Tetrahedron Letters</i> , 2015, 56, 972-980. | 1.4 | 18 |
| 25 | N-heterocyclic carbene-catalysed Peterson olefination reaction. <i>Tetrahedron</i> , 2016, 72, 472-478. | 1.9 | 18 |
| 26 | Metal-free visible-light-induced multi-component reactions of β -diazoesters leading to <i>S</i> -alkyl dithiocarbamates. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3486-3492. | 4.5 | 17 |
| 27 | N-heterocyclic carbene-catalysed pentafluorophenylation of aldehydes. <i>RSC Advances</i> , 2015, 5, 35513-35517. | 3.6 | 15 |
| 28 | 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 |
| 29 | Nickel-catalyzed asymmetric arylytic 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 |
| 30 | <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 |
| 31 | Direct Assembly of Polysubstituted Naphthalenes via a Tandem Reaction of Benzynes and β -Cyano- β -methyleneones. <i>Journal of Organic Chemistry</i> , 2020, 85, 14210-14218. | 3.2 | 11 |
| 32 | 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 |
| 33 | <i>N</i> -Heterocyclic Carbene-Catalysed Diastereoselective Vinylogous Mukaiyama/Michael Reaction of 2-(Trimethylsilyloxy)furan and Enones. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 1362-1365. | 2.7 | 10 |
| 34 | N-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 |
| 35 | N-heterocyclic carbene-catalyzed fluorinated silyl- <i>Reformatsky</i> reaction of aldehydes with difluoro (trimethylsilyl) acetate. <i>Tetrahedron</i> , 2017, 73, 4501-4507. | 1.9 | 9 |
| 36 | Hydrophosphonylation of Aldimines under Catalyst-Free Conditions. <i>Chinese Journal of Chemistry</i> , 2012, 30, 1658-1662. | 4.9 | 6 |

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|----|---|------|-----------|
| 37 | 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 |
| 38 | Insertion Reaction of Benzynes and Stable Sulfur Ylide. <i>Chinese Journal of Organic Chemistry</i> , 2018, 38, 2045. | 1.3 | 6 |
| 39 | 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 |
| 40 | Stereoselective synthesis of $\hat{\pm}$ -fluoroacrylonitriles <i>via</i> organocatalytic cyanation of <i>gem</i> -difluoroalkenes and TMSCN. <i>New Journal of Chemistry</i> , 2019, 43, 10985-10988. | 2.8 | 5 |
| 41 | <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 |
| 42 | The organocatalytic synthesis of perfluorophenylsulfides <i>via</i> the thiolation of trimethyl(perfluorophenyl)silanes and thiosulfonates. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9237-9241. | 2.8 | 5 |
| 43 | Construction of 6 <i>H</i> -benzo[<i>c</i>]thiochromenes <i>via</i> a tandem reaction of arynes with thionoesters. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6979-6984. | 4.5 | 5 |
| 44 | <i>Ir</i> / <i>f</i> -Amph 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 |
| 45 | <i>N</i> -Heterocyclic Carbenes Catalyzed Phosphoaldol Reaction of Aldehydes. <i>Chinese Journal of Chemistry</i> , 2013, 31, 1573-1576. | 4.9 | 4 |
| 46 | <i>N</i> -heterocyclic carbene-catalyzed regio- and stereoselective hydrothiolation reaction of alkynes. <i>Synthetic Communications</i> , 2018, 48, 1838-1846. | 2.1 | 4 |
| 47 | 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 |
| 48 | Diastereoselective Synthesis of $\hat{1}^3$ -Butenolides Catalyzed by Potassium tert-Butoxide. <i>Synthetic Communications</i> , 2012, 42, 1226-1233. | 2.1 | 3 |
| 49 | Organocatalytic aminocarbonylation of $\hat{\pm}$, $\hat{1}^2$ -unsaturated ketones with <i>N,N</i> -dimethyl carbamoylsilane. <i>New Journal of Chemistry</i> , 2021, 45, 7256-7260. | 2.8 | 3 |
| 50 | Synthesis of hexahydrophenanthridines via the tandem reaction of benzynes. <i>Tetrahedron</i> , 2020, 76, 131372. | 1.9 | 2 |
| 51 | 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 |
| 52 | Phosphazene Base-Catalyzed Double Michael Addition: Stereoselective Synthesis of Cyclohexanones. <i>Letters in Organic Chemistry</i> , 2018, 16, 76-80. | 0.5 | 2 |
| 53 | Formal[2+1] Annulation of Thiazoles and Stable Sulfur Ylide. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 2549. | 1.3 | 2 |
| 54 | NHCs Catalyzed Hydrophosphonylation of $\hat{\pm}$ -Ketoesters and $\hat{\pm}$ -Trifluoromethyl Ketones. <i>Scientific World Journal</i> , The, 2013, 2013, 1-6. | 2.1 | 0 |

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|----|--|-----|-----------|
| 55 | Catalytic Asymmetric Conjugate Addition of 2-Methyl-3,5-dinitrobenzoates to Unsaturated Ketones. <i>Journal of Organic Chemistry</i> , 2022, , . | 3.2 | 0 |
| 56 | Assembly of unsymmetrical 1,3,5-triarylbenzenes via tandem reaction of $\hat{1}^2$ -arylethenesulfonyl fluorides and $\hat{1}^{\pm}$ -cyano- $\hat{1}^2$ -methylenones. <i>New Journal of Chemistry</i> , 0, , . | 2.8 | 0 |