

Jin-Hong Lin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

87
papers

2,085
citations

28
h-index

43
g-index

96
ext. papers

2,516
ext. citations

5.4
avg. IF

5.48
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 87 | A Convenient Synthesis of Fluoroalkylated Benzimidazole- or Indole-fused Benzoxazines. <i>European Journal of Organic Chemistry</i> , 2022 , 2022, | 3.2 | 1 |
| 86 | Visible light mediated C [≡] N trifluoromethylation of (hetero)arenes. <i>Organic Chemistry Frontiers</i> , 2022 , 9, 1982-1985 | 5.2 | 3 |
| 85 | Heptafluoroisopropylthiolation of benzyl halides. <i>Journal of Fluorine Chemistry</i> , 2022 , 255-256, 109966 | 2.1 | 0 |
| 84 | Starting from Styrene: A Unified Protocol for Hydrotrifluoromethylation of Diversified Alkenes. <i>Organic Letters</i> , 2021 , 23, 9277-9282 | 6.2 | 5 |
| 83 | Ph ₂ S/selectfluor-promoted deoxydifluorination of aldehydes. <i>Tetrahedron</i> , 2021 , 83, 131963 | 2.4 | 0 |
| 82 | Evaluating and understanding the affinity of metal ions to water and ammonia using density functional theory calculation. <i>Chemical Physics Letters</i> , 2021 , 768, 138398 | 2.5 | |
| 81 | Rh-catalyzed tunable defluorinative borylation. <i>Chemical Communications</i> , 2021 , 57, 7124-7127 | 5.8 | 2 |
| 80 | Difluorocarbene-based cyanodifluoromethylation of alkenes induced by a dual-functional Cu-catalyst. <i>Chemical Communications</i> , 2021 , 57, 2649-2652 | 5.8 | 2 |
| 79 | Transition-metal difluorocarbene complexes. <i>Chemical Communications</i> , 2021 , 57, 9316-9329 | 5.8 | 1 |
| 78 | Recent Advances in the Synthesis of CF ₃ - or HCF ₂ -Substituted Cyclopropanes. <i>Asian Journal of Organic Chemistry</i> , 2021 , 10, 485-495 | 3 | 3 |
| 77 | A Readily Available Trifluoromethylation Reagent and Its Difunctionalization of Alkenes. <i>Organic Letters</i> , 2021 , 23, 6079-6083 | 6.2 | 12 |
| 76 | Contemporary synthetic strategies in organofluorine chemistry. <i>Nature Reviews Methods Primers</i> , 2021 , 1, | | 23 |
| 75 | An Efficient Construction of CF ₃ -Substituted Spirooxindole-Fused Benzo[a]quinolizidines by a Three-Component Cyclization. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 4405-4408 | 3.2 | 1 |
| 74 | HCFSe/HCF ₃ Installation by Tandem Substitutions from Alkyl Bromides. <i>Journal of Organic Chemistry</i> , 2021 , 86, 13153-13159 | 4.2 | 0 |
| 73 | Extension to the Construction of OR _f Motifs (OCF ₂ H, OCFH ₂ , OCH ₂ CF ₃ , OCFHCH ₃) 2020 , 267-288 | | 0 |
| 72 | Extraction Behavior of Acidic Phosphorus-Containing Compounds to Some Metal Ions: A Combination Research of Experimental and Theoretical Investigations. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 5033-5041 | 2.8 | 2 |
| 71 | Difluorocarbene-Based Cyanation of Aryl Iodides. <i>Synlett</i> , 2020 , 31, 713-717 | 2.2 | 3 |

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| 70 | A convenient reagent for the conversion of aldoximes into nitriles and isonitriles. <i>Chemical Communications</i> , 2020 , 56, 6221-6224 | 5.8 | 9 |
| 69 | Recent Advances in ¹⁸ F-Labeling of Trifluoromethylthiolation 2020 , 649-665 | | 1 |
| 68 | Trifluoromethanesulfonylation of Phenols. <i>Chinese Journal of Organic Chemistry</i> , 2020 , 40, 1028 | 3 | 3 |
| 67 | Difluorocarbene-based trifluoromethylthiolation of terminal alkynes. <i>Journal of Fluorine Chemistry</i> , 2020 , 230, 109437 | 2.1 | 4 |
| 66 | Dehydroxylative Trifluoromethylthiolation, Trifluoromethylation, and Difluoromethylation of Alcohols. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 169-172 | 4.9 | 13 |
| 65 | A one-step synthesis of gem-difluoroolefins from alcohols. <i>Journal of Fluorine Chemistry</i> , 2020 , 240, 109649 | | |
| 64 | Dehydroxylative Fluorination of Tertiary Alcohols. <i>Organic Letters</i> , 2020 , 22, 6642-6646 | 6.2 | 7 |
| 63 | Fluorinated Ylides/Carbenes and Related Intermediates from Phosphonium/Sulfonium Salts. <i>Accounts of Chemical Research</i> , 2020 , 53, 1498-1510 | 24.3 | 19 |
| 62 | Pd-Catalyzed Transfer of Difluorocarbene for Three Component Cross-Coupling <i>Chinese Journal of Chemistry</i> , 2020 , 38, 1647-1650 | 4.9 | 3 |
| 61 | Recent Advances in Difluoromethylthiolation. <i>Synthesis</i> , 2020 , 52, 197-207 | 2.9 | 12 |
| 60 | Visible-light-induced radical hydrodifluoromethylation of alkenes. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 3580-3583 | 5.2 | 12 |
| 59 | Difluorocarbene-derived trifluoromethylselenolation of benzyl halides. <i>Chemical Communications</i> , 2019 , 55, 1410-1413 | 5.8 | 20 |
| 58 | Photocatalyzed Cyanodifluoromethylation of Alkenes. <i>Angewandte Chemie</i> , 2019 , 131, 6140-6144 | 3.6 | 7 |
| 57 | Photocatalyzed Cyanodifluoromethylation of Alkenes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6079-6083 | 16.4 | 42 |
| 56 | Oxidation of difluorocarbene and subsequent trifluoromethoxylation. <i>Nature Communications</i> , 2019 , 10, 5362 | 17.4 | 22 |
| 55 | Ph ₃ P+CF ₂ CO ₂ Et as an F and :CF ₂ source for trifluoromethylthiolation of alkyl halides. <i>Chinese Chemical Letters</i> , 2019 , 30, 714-716 | 8.1 | 4 |
| 54 | Ph ₃ P/I ⁺ Promoted Dichlorination or Dibromination of Epoxides with XCH ₂ CH ₂ X (X = Cl or Br). <i>Synlett</i> , 2019 , 30, 181-184 | 2.2 | 9 |
| 53 | Tri- and di-fluoroethylation of alkenes by visible light photoredox catalysis. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 1452-1456 | 5.2 | 9 |

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| 52 | Rapid Dehydroxytrifluoromethoxylation of Alcohols. <i>IScience</i> , 2018 , 5, 110-117 | 6.1 | 23 |
| 51 | Halogenation through Deoxygenation of Alcohols and Aldehydes. <i>Organic Letters</i> , 2018 , 20, 3061-3064 | 6.2 | 40 |
| 50 | Ag-Mediated Trifluoromethylthiolation of Inert Csp-H Bond. <i>Journal of Organic Chemistry</i> , 2018 , 83, 14120-14125 | 6.2 | 40 |
| 49 | Cu-catalyzed chlorotrifluoromethylation of alkenes with CF ₃ SO ₂ Cl. <i>Journal of Fluorine Chemistry</i> , 2018 , 215, 25-31 | 2.1 | 11 |
| 48 | Dehydroxylation of alcohols for nucleophilic substitution. <i>Chemical Communications</i> , 2018 , 54, 7034-7037 | 3.8 | 19 |
| 47 | Decarboxylative nucleophilic difluoromethylation of aldehydes and imines. <i>Tetrahedron</i> , 2018 , 74, 4295-4297 | 4.2 | 4 |
| 46 | An Unconventional Mechanistic Insight into SCF ₃ Formation from Difluorocarbene: Preparation of 18F-Labeled SCF ₃ Carbonyl Compounds. <i>Angewandte Chemie</i> , 2017 , 129, 3244-3248 | 3.6 | 17 |
| 45 | An Unconventional Mechanistic Insight into SCF Formation from Difluorocarbene: Preparation of F-Labeled SCF Carbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3196-3200 | 16.4 | 72 |
| 44 | Fe-Catalyzed insertion of fluoromethylcarbenes generated from sulfonium salts into X-H bonds (X = Si, C, P). <i>Organic Chemistry Frontiers</i> , 2017 , 4, 1917-1920 | 5.2 | 9 |
| 43 | Difluoromethylcarbene for iron-catalyzed cyclopropanation. <i>Chemical Communications</i> , 2017 , 53, 3870-3873 | 3.3 | 29 |
| 42 | Nucleophilic monofluoroalkylation with fluorinated phosphonium salt toward carbonyl and imine compounds. <i>Journal of Fluorine Chemistry</i> , 2017 , 193, 17-23 | 2.1 | 5 |
| 41 | Difluorocarbene for Dehydroxytrifluoromethylthiolation of Alcohols. <i>Journal of Organic Chemistry</i> , 2017 , 82, 11206-11211 | 4.2 | 28 |
| 40 | Reaction of Thiocarbonyl Fluoride Generated from Difluorocarbene with Amines. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16669-16673 | 16.4 | 61 |
| 39 | Diastereoselective Synthesis of CF-Containing Vicinal Diamines. <i>Journal of Organic Chemistry</i> , 2017 , 82, 8273-8281 | 4.2 | 9 |
| 38 | Reaction of Thiocarbonyl Fluoride Generated from Difluorocarbene with Amines. <i>Angewandte Chemie</i> , 2017 , 129, 16896-16900 | 3.6 | 8 |
| 37 | Difluoromethylation of N-arylsulfonyl hydrazones with difluorocarbene leading to difluoromethyl aryl sulfones. <i>RSC Advances</i> , 2016 , 6, 82298-82300 | 3.7 | 6 |
| 36 | Base-free O-difluoromethylation of 1,3-diones with difluorocarbene. <i>Journal of Fluorine Chemistry</i> , 2016 , 192, 27-30 | 2.1 | 12 |
| 35 | Direct Nucleophilic Difluoromethylation of Carbonyl Compounds. <i>Organic Letters</i> , 2016 , 18, 3206-9 | 6.2 | 52 |

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| 34 | Hydroperfluoroalkylation of electron-deficient olefins with perfluoroalkyl iodides promoted by zinc/viologen. <i>RSC Advances</i> , 2016 , 6, 60080-60083 | 3.7 | 4 |
| 33 | DBU-Promoted Trifluoromethylation of Aryl Iodides with Difluoromethyltriphenylphosphonium Bromide. <i>Chinese Journal of Chemistry</i> , 2016 , 34, 481-484 | 4.9 | 11 |
| 32 | Cu-Catalyzed C-H Trifluoromethylation of 3-Arylprop-1-yne for the Selective Construction of Allenic Csp(2)-CF ₃ and Propargyl Csp(3)-CF ₃ Bonds. <i>Organic Letters</i> , 2016 , 18, 1000-3 | 6.2 | 35 |
| 31 | Nucleophilic arylation with tetraarylphosphonium salts. <i>Nature Communications</i> , 2016 , 7, 10337 | 17.4 | 63 |
| 30 | Nucleophilic 1,1-Difluoroethylation with Fluorinated Phosphonium Salt. <i>Journal of Organic Chemistry</i> , 2016 , 81, 12084-12090 | 4.2 | 12 |
| 29 | O-Difluoromethylation of 1,3-diones with S-difluoromethyl sulfonium salt. <i>RSC Advances</i> , 2016 , 6, 35705-35708 | 3.6 | 16 |
| 28 | A Trifluoromethylcarbene Source. <i>Organic Letters</i> , 2016 , 18, 2471-4 | 6.2 | 39 |
| 27 | Pd-Catalyzed Transfer of Difluorocarbene. <i>Organic Letters</i> , 2016 , 18, 4384-7 | 6.2 | 76 |
| 26 | Diastereoselective Johnson-Corey-Chaykovsky trifluoroethylidenation. <i>Chemical Communications</i> , 2015 , 51, 13127-30 | 5.8 | 42 |
| 25 | Difluoromethylation and gem-difluorocyclopropanation with difluorocarbene generated by decarboxylation. <i>Chemical Communications</i> , 2015 , 51, 8805-8 | 5.8 | 90 |
| 24 | One-pot synthesis of gem-difluorostyrenes from benzyl bromide via olefination of phosphonium ylide with difluorocarbene. <i>Journal of Fluorine Chemistry</i> , 2015 , 179, 116-120 | 2.1 | 17 |
| 23 | Difluorocarbene-Derived Trifluoromethylthiolation and [¹⁸ F]Trifluoromethylthiolation of Aliphatic Electrophiles. <i>Angewandte Chemie</i> , 2015 , 127, 13434-13438 | 3.6 | 27 |
| 22 | Difluorocarbene-Derived Trifluoromethylthiolation and [¹⁸ F]Trifluoromethylthiolation of Aliphatic Electrophiles. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13236-40 | 16.4 | 89 |
| 21 | Cross-Coupling between Difluorocarbene and Carbene-Derived Intermediates Generated from Diazocompounds for the Synthesis of gem-Difluoroolefins. <i>Organic Letters</i> , 2015 , 17, 6150-3 | 6.2 | 88 |
| 20 | 1,8-Diazabicyclo[5.4.0]undec-7-ene (DBU)-promoted decomposition of difluorocarbene and the subsequent trifluoromethylation. <i>Organic Letters</i> , 2015 , 17, 532-5 | 6.2 | 56 |
| 19 | Recent Advances in C-H Trifluoromethylthiolation and Trifluoromethoxylation Reactions. <i>Current Organic Chemistry</i> , 2015 , 19, 1541-1553 | 1.7 | 45 |
| 18 | Copper-mediated trifluoromethylation of propargyl acetates leading to trifluoromethyl-allenes. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 2903-6 | 3.9 | 30 |
| 17 | Rh-catalyzed allylic C-F bond activation: the stereoselective synthesis of trisubstituted monofluoroalkenes and a mechanism study. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 581-8 | 3.9 | 16 |

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| 16 | Direct N-gem-difluorocyclopropylation of nitro-heterocycles by utilizing gem-difluorocyclopropyl tosylate. <i>Chinese Chemical Letters</i> , 2014 , 25, 24-28 | 8.1 | 8 |
| 15 | Cu-Promoted Oxidative Trifluoromethylation of Terminal Alkynes with Difluoromethylene Phosphobetaine. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 689-693 | 4.9 | 30 |
| 14 | Decarboxylative Julia-Kocienski gem-Difluoro-Olefination of 2-Pyridinyl Sulfonyldifluoroacetate. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 928-932 | 3.2 | 44 |
| 13 | Wittig gem-difluoroolefination of aldehydes with difluoromethyltriphenylphosphonium bromide. <i>Journal of Fluorine Chemistry</i> , 2014 , 163, 38-41 | 2.1 | 41 |
| 12 | Copper-catalyzed tandem trifluoromethylation/cyclization of internal alkynes. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 1280-1284 | 5.2 | 33 |
| 11 | Stereoselective Synthesis of β -Trifluoromethyl Enones by Au/Cu-Co-Catalyzed Tandem 1,3-Acyloxy Migration/Trifluoromethylation Reaction of Propargyl Acetates. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 7948-7954 | 3.2 | 15 |
| 10 | Synthesis and decarboxylative Wittig reaction of difluoromethylene phosphobetaine. <i>Chemical Communications</i> , 2013 , 49, 7513-5 | 5.8 | 173 |
| 9 | Conversion between difluorocarbene and difluoromethylene ylide. <i>Chemistry - A European Journal</i> , 2013 , 19, 15261-6 | 4.8 | 123 |
| 8 | Copper-Mediated Trifluoromethylation of Terminal Alkynes by S-(Trifluoromethyl)diarylsulfonium Salt. <i>Chinese Journal of Chemistry</i> , 2013 , 31, 915-920 | 4.9 | 20 |
| 7 | Copper-catalyzed trifluoromethylation of alkenes with an electrophilic trifluoromethylating reagent. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 2635-40 | 2.5 | 44 |
| 6 | The asymmetric synthesis of CF ₃ - or -CF ₂ -substituted tetrahydroquinolines by employing a chiral phosphoric acid as catalyst. <i>Chemical Communications</i> , 2012 , 48, 7738-40 | 5.8 | 40 |
| 5 | The Asymmetric Friedel-Crafts Reaction of Indoles with Fluoroalkylated Nitroalkenes Catalyzed by Chiral Phosphoric Acid. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 4536-4539 | 3.2 | 30 |
| 4 | An Efficient Method for the Preparation of Pentafluoroiodoethane from Chloropentafluoroethane. <i>Chinese Journal of Chemistry</i> , 2009 , 27, 202-204 | 4.9 | 2 |
| 3 | A novel pyrrolidinium ionic liquid with 1,1,2,2-tetrafluoro-2-(1,1,2,2-tetrafluoroethoxy)ethanesulfonate anion as a recyclable reaction medium and efficient catalyst for Friedel-Crafts alkylations of indoles with nitroalkenes. <i>Journal of Fluorine Chemistry</i> , 2009 , 130, 394-398 | 2.1 | 21 |
| 2 | Enantioselective aldol reaction of cyclic ketones with aryl aldehydes catalyzed by a cyclohexanediamine derived salt in the presence of water. <i>Green Chemistry</i> , 2009 , 11, 1750 | 10 | 28 |
| 1 | 4-Nitro-1-((Trifluoromethyl)sulfonyl)-Imidazole 1-1 | | |