Jin-Hong Lin

List of Publications by Year
in descending order

86	3,025	136740	182168
papers	citations	32 h-index	51 g-index

96	96	96	1624
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Convenient Synthesis of Fluoroalkylated Benzimidazoleâ€•or Indoleâ€fused Benzoxazines. European Journal of Organic Chemistry, 2022, 2022, .	1.2	3
2	Visible light mediated Câ€“H trifluoromethylation of (hetero)arenes. Organic Chemistry Frontiers, 2022, 9, 1982-1985.	2.3	16
3	Heptafluoroisopropylthiolation of benzyl halides. Journal of Fluorine Chemistry, 2022, 255-256, 109966.	0.9	1
4	antiâ€Markovnikov Iodofluorination of Alkenes. Chemistry - an Asian Journal, 2022, 17, .	1.7	3
5	Synthesis and ¹⁸F Labeling of Alkenyl Sulfonyl Fluorides via an Unconventional Elimination Pathway. Organic Letters, 2022, 24, 4992-4997.	2.4	8
6	Rh-catalyzed tunable defluorinative borylation. Chemical Communications, 2021, 57, 7124-7127.	2.2	6
7	Difluorocarbene-based cyanodifluoromethylation of alkenes induced by a dual-functional Cu-catalyst. Chemical Communications, 2021, 57, 2649-2652.	2.2	12
8	Transition-metal difluorocarbene complexes. Chemical Communications, 2021, 57, 9316-9329.	2.2	39
9	Recent Advances in the Synthesis of CF₃â€•or HCF₂â€Substituted Cyclopropanes. Asian Journal of Organic Chemistry, 2021, 10, 485-495.	1.3	14
10	Ph2S/selectfluor-promoted deoxydifluorination of aldehydes. Tetrahedron, 2021, 83, 131963.	1.0	2
11	Evaluating and understanding the affinity of metal ions to water and ammonia using density functional theory calculation. Chemical Physics Letters, 2021, 768, 138398.	1.2	1
12	A Readily Available Trifluoromethylation Reagent and Its Difunctionalization of Alkenes. Organic Letters, 2021, 23, 6079-6083.	2.4	37
13	Contemporary synthetic strategies in organofluorine chemistry. Nature Reviews Methods Primers, 2021, 1, .	11.8	134
14	An Efficient Construction of CF₃â€Substituted Spirooxindoleâ€Fused Benzo[a]quinolizidines by a Threeâ€Component Cyclization. European Journal of Organic Chemistry, 2021, 2021, 4405-4408.	1.2	2
15	HCF₂Se/HCF₂S Installation by Tandem Substitutions from Alkyl Bromides. Journal of Organic Chemistry, 2021, 86, 13153-13159.	1.7	3
16	Starting from Styrene: A Unified Protocol for Hydrotrifluoromethylation of Diversified Alkenes. Organic Letters, 2021, 23, 9277-9282.	2.4	32
17	Recent Advances in Difluoromethylthiolation. Synthesis, 2020, 52, 197-207.	1.2	21
18	Difluorocarbene-based trifluoromethylthiolation of terminal alkynes. Journal of Fluorine Chemistry, 2020, 230, 109437.	0.9	6

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19	Dehydroxylative Trifluoromethylthiolation, Trifluoromethylation, and Difluoromethylation of Alcohols. Chinese Journal of Chemistry, 2020, 38, 169-172.	2.6	30
20	A one-step synthesis of gem-difluoroolefins from alcohols. Journal of Fluorine Chemistry, 2020, 240, 109649.	0.9	0
21	Dehydroxylative Fluorination of Tertiary Alcohols. Organic Letters, 2020, 22, 6642-6646.	2.4	26
22	Fluorinated Ylides/Carbenes and Related Intermediates from Phosphonium/Sulfonium Salts. Accounts of Chemical Research, 2020, 53, 1498-1510.	7.6	75
23	<scp>Pdâ€Catalyzed</scp> Transfer of Difluorocarbene for Three Component <scp>Crossâ€Coupling</scp>^{â€}. Chinese Journal of Chemistry, 2020, 38, 1647-1650.	2.6	23
24	Extraction Behavior of Acidic Phosphorus-Containing Compounds to Some Metal Ions: A Combination Research of Experimental and Theoretical Investigations. Journal of Physical Chemistry A, 2020, 124, 5033-5041.	1.1	2
25	Difluorocarbene-Based Cyanation of Aryl Iodides. Synlett, 2020, 31, 713-717.	1.0	5
26	A convenient reagent for the conversion of aldoximes into nitriles and isonitriles. Chemical Communications, 2020, 56, 6221-6224.	2.2	17
27	Recent Advances in 18F-Labeling of Trifluoromethylthiolation. , 2020, , 649-665.		1
28	Trifluoromethanesulfonylation of Phenols. Chinese Journal of Organic Chemistry, 2020, 40, 1028.	0.6	6
29	Visible-light-induced radical hydrodifluoromethylation of alkenes. Organic Chemistry Frontiers, 2019, 6, 3580-3583.	2.3	27
30	Difluorocarbene-derived trifluoromethylselenolation of benzyl halides. Chemical Communications, 2019, 55, 1410-1413.	2.2	30
31	Photocatalyzed Cyanodifluoromethylation of Alkenes. Angewandte Chemie, 2019, 131, 6140-6144.	1.6	9
32	Photocatalyzed Cyanodifluoromethylation of Alkenes. Angewandte Chemie - International Edition, 2019, 58, 6079-6083.	7.2	66
33	Oxidation of difluorocarbene and subsequent trifluoromethoxylation. Nature Communications, 2019, 10, 5362.	5.8	40
34	Ph3P+CF2CO2â^' as an Fâ^' and :CF2 source for trifluoromethylthiolation of alkyl halides. Chinese Chemical Letters, 2019, 30, 714-716.	4.8	9
35	Ph3P/Iâ€“-Promoted Dichlorination or Dibromination of Epoxides with XCH2CH2X (X = Cl or Br). Synlett, 2019, 30, 181-184.	1.0	11
36	Tri- and di-fluoroethylation of alkenes by visible light photoredox catalysis. Organic Chemistry Frontiers, 2018, 5, 1452-1456.	2.3	12

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37	Ag-Mediated Trifluoromethylthiolation of Inert Csp³â€“H Bond. Journal of Organic Chemistry, 2018, 83, 14120-14125.	1.7	26
38	Cu-catalyzed chlorotrifluoromethylation of alkenes with CF3SO2Cl. Journal of Fluorine Chemistry, 2018, 215, 25-31.	0.9	19
39	Dehydroxylation of alcohols for nucleophilic substitution. Chemical Communications, 2018, 54, 7034-7037.	2.2	28
40	Decarboxylative nucleophilic difluoromethylation of aldehydes and imines. Tetrahedron, 2018, 74, 4295-4297.	1.0	7
41	Rapid Dehydroxytrifluoromethoxylation of Alcohols. IScience, 2018, 5, 110-117.	1.9	32
42	Halogenation through Deoxygenation of Alcohols and Aldehydes. Organic Letters, 2018, 20, 3061-3064.	2.4	73
43	An Unconventional Mechanistic Insight into SCF₃ Formation from Difluorocarbene: Preparation of ¹⁸Fâ€Labeled Î±â€SCF₃ Carbonyl Compounds. Angewandte Chemie, 2017, 129, 3244-3248.	1.6	18
44	An Unconventional Mechanistic Insight into SCF₃ Formation from Difluorocarbene: Preparation of ¹⁸Fâ€Labeled Î±â€SCF₃ Carbonyl Compounds. Angewandte Chemie - International Edition, 2017, 56, 3196-3200.	7.2	88
45	Fe-Catalyzed insertion of fluoromethylcarbenes generated from sulfonium salts into Xâ€“H bonds (X =) Tj ETQq1 1 0.784314 rgBT /Ov	2.3	16
46	Difluoromethylcarbene for iron-catalyzed cyclopropanation. Chemical Communications, 2017, 53, 3870-3873.	2.2	34
47	Nucleophilic monofluoroalkylation with fluorinated phosphonium salt toward carbonyl and imine compounds. Journal of Fluorine Chemistry, 2017, 193, 17-23.	0.9	7
48	Difluorocarbene for Dehydroxytrifluoromethylthiolation of Alcohols. Journal of Organic Chemistry, 2017, 82, 11206-11211.	1.7	33
49	Reaction of Thiocarbonyl Fluoride Generated from Difluorocarbene with Amines. Angewandte Chemie - International Edition, 2017, 56, 16669-16673.	7.2	103
50	Diastereoselective Synthesis of CF₃-Containing Vicinal Diamines. Journal of Organic Chemistry, 2017, 82, 8273-8281.	1.7	11
51	Reaction of Thiocarbonyl Fluoride Generated from Difluorocarbene with Amines. Angewandte Chemie, 2017, 129, 16896-16900.	1.6	14
52	Nucleophilic 1,1-Difluoroethylation with Fluorinated Phosphonium Salt. Journal of Organic Chemistry, 2016, 81, 12084-12090.	1.7	13
53	O-Difluoromethylation of 1,3-diones with S-difluoromethyl sulfonium salt. RSC Advances, 2016, 6, 35705-35708.	1.7	21
54	A Trifluoromethylcarbene Source. Organic Letters, 2016, 18, 2471-2474.	2.4	49

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55	Pd-Catalyzed Transfer of Difluorocarbene. Organic Letters, 2016, 18, 4384-4387.	2.4	100
56	Difluoromethylation of N-arylsulfonyl hydrazones with difluorocarbene leading to difluoromethyl aryl sulfones. RSC Advances, 2016, 6, 82298-82300.	1.7	7
57	Base-free O-difluoromethylation of 1,3-diones with difluorocarbene. Journal of Fluorine Chemistry, 2016, 192, 27-30.	0.9	13
58	Direct Nucleophilic Difluoromethylation of Carbonyl Compounds. Organic Letters, 2016, 18, 3206-3209.	2.4	61
59	Hydroperfluoroalkylation of electron-deficient olefins with perfluoroalkyl iodides promoted by zinc/viologen. RSC Advances, 2016, 6, 60080-60083.	1.7	9
60	DBUâ€Promoted Trifluoromethylation of Aryl Iodides with Difluoromethyltriphenylphosphonium Bromide. Chinese Journal of Chemistry, 2016, 34, 481-484.	2.6	13
61	Cu-Catalyzed Câ€“H Trifluoromethylation of 3-Arylprop-1-ynes for the Selective Construction of Allenic Csp²â€“CF₃ and Propargyl Csp³â€“CF₃ Bonds. Organic Letters, 2016, 18, 1000-1003.	2.4	41
62	Nucleophilic arylation with tetraarylphosphonium salts. Nature Communications, 2016, 7, 10337.	5.8	82
63	Difluorocarbeneâ€Derived Trifluoromethylthiolation and [¹⁸F]Trifluoromethylthiolation of Aliphatic Electrophiles. Angewandte Chemie - International Edition, 2015, 54, 13236-13240.	7.2	110
64	Cross-Coupling between Difluorocarbene and Carbene-Derived Intermediates Generated from Diazocompounds for the Synthesis of gem-Difluoroolefins. Organic Letters, 2015, 17, 6150-6153.	2.4	107
65	1,8-Diazabicyclo[5.4.0]undec-7-ene (DBU)-Promoted Decomposition of Difluorocarbene and the Subsequent Trifluoromethylation. Organic Letters, 2015, 17, 532-535.	2.4	66
66	Diastereoselective Johnsonâ€“Coreyâ€“Chaykovsky trifluoroethylidenation. Chemical Communications, 2015, 51, 13127-13130.	2.2	52
67	Difluoromethylation and gem-difluorocyclopropenation with difluorocarbene generated by decarboxylation. Chemical Communications, 2015, 51, 8805-8808.	2.2	114
68	One-pot synthesis of gem-difluorostyrenes from benzyl bromide via olefination of phosphonium ylide with difluorocarbene. Journal of Fluorine Chemistry, 2015, 179, 116-120.	0.9	17
69	Recent Advances in C-H Trifluoromethylthiolation and Trifluoromethoxylation Reactions. Current Organic Chemistry, 2015, 19, 1541-1553.	0.9	52
70	Copper-catalyzed tandem trifluoromethylation/cyclization of internal alkynes. Organic Chemistry Frontiers, 2014, 1, 1280-1284.	2.3	38
71	Stereoselective Synthesis of Î±â€Trifluoromethyl Enones by Au^I/Cu^Iâ€Coâ€Catalyzed Tandem 1,3â€Acyloxy Migration/Trifluoromethylation Reaction of Propargyl Acetates. European Journal of Organic Chemistry, 2014, 2014, 7948-7954.	1.2	17
72	Copper-mediated trifluoromethylation of propargyl acetates leading to trifluoromethyl-allenes. Organic and Biomolecular Chemistry, 2014, 12, 2903.	1.5	39

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73	Rh-catalyzed allylic Câ€“F bond activation: the stereoselective synthesis of trisubstituted monofluoroalkenes and a mechanism study. Organic and Biomolecular Chemistry, 2014, 12, 581-588.	1.5	20
74	Direct N-gem-difluorocyclopropylation of nitro-heterocycles by utilizing gem-difluorocyclopropyl tosylate. Chinese Chemical Letters, 2014, 25, 24-28.	4.8	10
75	Cuâ€Promoted Oxidative Trifluoromethylation of Terminal Alkynes with Difluoromethylene Phosphobetaine. Chinese Journal of Chemistry, 2014, 32, 689-693.	2.6	33
76	Decarboxylative Juliaâ€“Kocienski gemâ€Difluoroâ€Olefination of 2â€Pyridinyl Sulfonyldifluoroacetate. European Journal of Organic Chemistry, 2014, 2014, 928-932.	1.2	50
77	Wittig gem-difluoroolefination of aldehydes with difluoromethyltriphenylphosphonium bromide. Journal of Fluorine Chemistry, 2014, 163, 38-41.	0.9	47
78	Synthesis and decarboxylative Wittig reaction of difluoromethylene phosphobetaine. Chemical Communications, 2013, 49, 7513.	2.2	216
79	Conversion between Difluorocarbene and Difluoromethylene Ylide. Chemistry - A European Journal, 2013, 19, 15261-15266.	1.7	151
80	Copperâ€Mediated Trifluoromethylation of Terminal Alkynes by Sâ€(Trifluoromethyl)diarylsulfonium Salt. Chinese Journal of Chemistry, 2013, 31, 915-920.	2.6	22
81	Copper-catalyzed trifluoromethylation of alkenes with an electrophilic trifluoromethylating reagent. Beilstein Journal of Organic Chemistry, 2013, 9, 2635-2640.	1.3	48
82	The asymmetric synthesis of CF3- or â€“CF2-substituted tetrahydroquinolines by employing a chiral phosphoric acid as catalyst. Chemical Communications, 2012, 48, 7738.	2.2	46
83	The Asymmetric Friedelâ€“Crafts Reaction of Indoles with Fluoroalkylated Nitroalkenes Catalyzed by Chiral Phosphoric Acid. European Journal of Organic Chemistry, 2011, 2011, 4536-4539.	1.2	35
84	An Efficient Method for the Preparation of Pentafluoroiodoethane from Chloropentafluoroethane. Chinese Journal of Chemistry, 2009, 27, 202-204.	2.6	3
85	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 Friedelâ€“Crafts alkylations of indoles with nitroalkenes. Journal of Fluorine Chemistry, 2009, 130, 394-398.	0.9	23
86	Enantioselective aldol reaction of cyclic ketones with aryl aldehydes catalyzed by a cyclohexanediamine derived salt in the presence of water. Green Chemistry, 2009, 11, 1750.	4.6	31