

Jinbo Hu

List of Publications by Year in descending order

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211
papers

14,731
citations

15504

65
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22832

112
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274
all docs

274
docs citations

274
times ranked

4536
citing authors

#	ARTICLE	IF	CITATIONS
1	Good Partnership between Sulfur and Fluorine: Sulfur-Based Fluorination and Fluoroalkylation Reagents for Organic Synthesis. <i>Chemical Reviews</i> , 2015, 115, 765-825.	47.7	1,023
2	Selective difluoromethylation and monofluoromethylation reactions. <i>Chemical Communications</i> , 2009, , 7465.	4.1	585
3	The unique fluorine effects in organic reactions: recent facts and insights into fluoroalkylations. <i>Chemical Society Reviews</i> , 2016, 45, 5441-5454.	38.1	505
4	Selective Fluoroalkylations with Fluorinated Sulfones, Sulfoxides, and Sulfides. <i>Accounts of Chemical Research</i> , 2007, 40, 921-930.	15.6	325
5	Radical Fluoroalkylation of Isocyanides with Fluorinated Sulfones by Visible-Light Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2743-2747.	13.8	313
6	Synthesis of <i>gem</i> -Difluorocyclopropane(s) and O-, S-, N-, and P-difluoromethylated Compounds with TMSCF ₂ Br. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12390-12394.	13.8	292
7	Synthesis of <i>gem</i> -Difluorinated Cyclopropanes and Cyclopropenes: Trifluoromethyltrimethylsilane as a Difluorocarbene Source. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7153-7157.	13.8	285
8	Recent Advances in the Synthetic Application of Difluorocarbene. <i>Synthesis</i> , 2014, 46, 842-863.	2.3	255
9	Metal-Catalyzed Direct Difluoromethylation Reactions. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 139-152.	2.7	240
10	<i>gem</i> -Difluoroolefination of Diazo Compounds with TMSCF ₃ or TMSCF ₂ Br: Transition-Metal-Free Cross-Coupling of Two Carbene Precursors. <i>Journal of the American Chemical Society</i> , 2015, 137, 14496-14501.	13.7	237
11	Copper-Catalyzed Di- and Trifluoromethylation of α,β -Unsaturated Carboxylic Acids: A Protocol for Vinylic Fluoroalkylations. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3944-3947.	13.8	223
12	Difluoromethyl 2-Pyridyl Sulfone: A New <i>gem</i> -Difluoroolefination Reagent for Aldehydes and Ketones. <i>Organic Letters</i> , 2010, 12, 1444-1447.	4.6	216
13	Copper-Catalyzed <i>gem</i> -Difluoroolefination of Diazo Compounds with TMSCF ₃ via C-F Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2013, 135, 17302-17305.	13.7	214
14	<i>N</i> -Tosyl- <i>S</i> -difluoromethyl- <i>S</i> -phenylsulfoximine: A New Difluoromethylation Reagent for S-, N-, and C-Nucleophiles. <i>Organic Letters</i> , 2009, 11, 2109-2112.	4.6	199
15	Fluoroalkylative Aryl Migration of Conjugated <i>N</i> -Arylsulfonylated Amides Using Easily Accessible Sodium Di- and Monofluoroalkanesulfonates. <i>Organic Letters</i> , 2015, 17, 1838-1841.	4.6	173
16	Copper-Mediated Trifluoromethylation of α -Diazo Esters with TMSCF ₃ : The Important Role of Water as a Promoter. <i>Journal of the American Chemical Society</i> , 2012, 134, 15257-15260.	13.7	171
17	Preparation of Tri- and Difluoromethylsilanes via an Unusual Magnesium Metal-Mediated Reductive Tri- and Difluoromethylation of Chlorosilanes Using Tri- and Difluoromethyl Sulfides, Sulfoxides, and Sulfones. <i>Journal of Organic Chemistry</i> , 2003, 68, 4457-4463.	3.2	168
18	Silver-Mediated Trifluoromethylation-Iodination of Arynes. <i>Journal of the American Chemical Society</i> , 2013, 135, 2955-2958.	13.7	157

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19	Iron-Catalyzed Difluoromethylation of Arylzincs with Difluoromethyl 2-Pyridyl Sulfone. <i>Journal of the American Chemical Society</i> , 2018, 140, 880-883.	13.7	155
20	Facile Synthesis of Chiral $\hat{\pm}$ -Difluoromethyl Amines from N-(tert-Butylsulfinyl)aldimines. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5882-5886.	13.8	152
21	China's flourishing synthetic organofluorine chemistry: innovations in the new millennium. <i>National Science Review</i> , 2017, 4, 303-325.	9.5	143
22	Advances in Transition-Metal-Mediated Di- and Monofluoroalkylations. <i>Acta Chimica Sinica</i> , 2015, 73, 90.	1.4	141
23	Nucleophilic Fluoroalkylation of $\hat{\pm}$, $\hat{1}^2$ -Enones, Arynes, and Activated Alkynes with Fluorinated Sulfones: Probing the Hard/Soft Nature of Fluorinated Carbanions. <i>Journal of Organic Chemistry</i> , 2008, 73, 5699-5713.	3.2	138
24	Contemporary synthetic strategies in organofluorine chemistry. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	21.2	134
25	Chloride ion-catalyzed generation of difluorocarbene for efficient preparation of gem-difluorinated cyclopropenes and cyclopropanes. <i>Chemical Communications</i> , 2011, 47, 2411-2413.	4.1	133
26	Nucleophilic, radical, and electrophilic (phenylsulfonyl)difluoromethylations. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 1130-1139.	1.7	131
27	Nucleophilic Fluoroalkylation of Epoxides with Fluorinated Sulfones. <i>Journal of Organic Chemistry</i> , 2006, 71, 6829-6833.	3.2	129
28	Efficient and Direct Nucleophilic Difluoromethylation of Carbonyl Compounds and Imines with $\text{Me}_3\text{SiCF}_2\text{H}$ at Ambient or Low Temperature. <i>Organic Letters</i> , 2011, 13, 5342-5345.	4.6	127
29	Tuning the Reactivity of Difluoromethyl Sulfoximines from Electrophilic to Nucleophilic: Stereoselective Nucleophilic Difluoromethylation of Aryl Ketones. <i>Journal of the American Chemical Society</i> , 2012, 134, 16999-17002.	13.7	125
30	Fluorinated Sulfoximines: Preparation, Reactions and Applications. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4437-4451.	2.4	125
31	Copper-Mediated Trifluoromethylthiolation of $\hat{\pm}$ -Diazoesters. <i>Organic Letters</i> , 2014, 16, 2030-2033.	4.6	125
32	Nucleophilic difluoromethylation of carbonyl compounds using $\text{TMSCF}_2\text{SO}_2\text{Ph}$ and MgO -mediated desulfonylation. <i>Tetrahedron Letters</i> , 2005, 46, 8273-8277.	1.4	119
33	Palladium-Catalyzed 2,2,2-Trifluoroethylation of Organoboronic Acids and Esters. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1033-1036.	13.8	119
34	Efficient Difluoromethylation of Alcohols Using TMSCF_2Br as a Unique and Practical Difluorocarbene Reagent under Mild Conditions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3206-3210.	13.8	115
35	A Remarkably Efficient Fluoroalkylation of Cyclic Sulfates and Sulfamidates with $\text{PhSO}_2\text{CF}_2\text{H}$: Facile Entry into $\hat{1}^2$ -Difluoromethylated or $\hat{1}^2$ -Difluoromethylenated Alcohols and Amines. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 786-789.	13.8	110
36	Trifluoromethyl Benzoate: A Versatile Trifluoromethoxylation Reagent. <i>Journal of the American Chemical Society</i> , 2018, 140, 6801-6805.	13.7	104

#	ARTICLE	IF	CITATIONS
37	Stereoselective Nucleophilic Monofluoromethylation of N-(tert-Butanesulfinyl)imines with Fluoromethyl Phenyl Sulfone. <i>Organic Letters</i> , 2006, 8, 1693-1696.	4.6	102
38	<i>gem</i> -difluoroolefination of Diaryl Ketones and Enolizable Aldehydes with Difluoromethyl 2-Pyridyl Sulfone: New Insights into the Julia-Kocienski Reaction. <i>Chemistry - A European Journal</i> , 2014, 20, 7803-7810.	3.3	102
39	Alkoxide- and Hydroxide-Induced Nucleophilic Trifluoromethylation Using Trifluoromethyl Sulfone or Sulfoxide. <i>Organic Letters</i> , 2003, 5, 3253-3256.	4.6	101
40	AgF-Mediated Fluorinative Cross-Coupling of Two Olefins: Facile Access to \pm -CF ₃ Alkenes and \pm -CF ₃ Ketones. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 638-642.	13.8	100
41	From Olefination to Alkylation: In-Situ Halogenation of Julia-Kocienski Intermediates Leading to Formal Nucleophilic Iodo- and Bromodifluoromethylation of Carbonyl Compounds. <i>Journal of the American Chemical Society</i> , 2012, 134, 5790-5793.	13.7	98
42	Stereoselective Difluoromethylation Using Me ₃ SiCF ₂ SPh: Synthesis of Chiral 2,4-Disubstituted 3,3-Difluoropyrrolidines. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2489-2492.	13.8	97
43	Copper-Catalyzed Difluoromethylation of α,β -Unsaturated Carboxylic Acids: An Efficient Allylic Difluoromethylation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11545-11547.	13.8	96
44	<i>O</i> -Trifluoromethylation of Phenols: Access to Aryl Trifluoromethyl Ethers by <i>O</i> -Carboxydifluoromethylation and Decarboxylative Fluorination. <i>Organic Letters</i> , 2016, 18, 3754-3757.	4.6	96
45	AgF-Mediated Fluorinative Homocoupling of <i>gem</i> -Difluoroalkenes. <i>Organic Letters</i> , 2014, 16, 102-105.	4.6	93
46	Copper-mediated trifluoromethylation of propiolic acids: facile synthesis of \pm -trifluoromethyl ketones. <i>Chemical Science</i> , 2013, 4, 3478.	7.4	92
47	Chlorodifluoromethyl phenyl sulfone: a novel non-ozone-depleting substance-based difluorocarbene reagent for <i>O</i> - and <i>N</i> -difluoromethylations. <i>Chemical Communications</i> , 2007, , 5149.	4.1	89
48	Direct monofluoromethylation of <i>O</i> -, <i>S</i> -, <i>N</i> -, and <i>P</i> -nucleophiles with PhSO(NTs)CH ₂ F: the accelerating effect of \pm -fluorine substitution. <i>Chemical Science</i> , 2014, 5, 117-122.	7.4	87
49	2-Chloro-2,2-difluoroacetophenone: A Non-ODS-Based Difluorocarbene Precursor and Its Use in the Difluoromethylation of Phenol Derivatives. <i>Journal of Organic Chemistry</i> , 2006, 71, 9845-9848.	3.2	86
50	Highly Stereoselective Synthesis of Monofluoroalkenes from \pm -Fluorosulfoximines and Nitrones. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9858-9861.	13.8	86
51	Recent Advances in the One-Step Synthesis of Distally Fluorinated Ketones. <i>Chemistry - A European Journal</i> , 2016, 22, 3210-3223.	3.3	86
52	TMSCF ₃ as a Convenient Source of CF ₂ =CF ₂ for Pentafluoroethylation, (Aryloxy)tetrafluoroethylation, and Tetrafluoroethylation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9971-9975.	13.8	86
53	Difluoromethyl Phenyl Sulfone as a Selective Difluoromethylene Dianion Equivalent: One-Pot Stereoselective Synthesis of anti-2,2-Difluoropropane-1,3-diols. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5216-5219.	13.8	84
54	Copper-Mediated Fluoroalkylation Reactions with Iododifluoroacetamides: Controlling the Selectivity among Cross-Coupling, Intramolecular Cyclization, and Homocoupling Reactions. <i>Journal of Organic Chemistry</i> , 2010, 75, 5505-5512.	3.2	83

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55	Difluoromethyl 2-pyridyl sulfone: a versatile carbonyl gem-difluoroolefination reagent. <i>Organic Chemistry Frontiers</i> , 2015, 2, 163-168.	4.5	83
56	Difluoromethyl Phenyl Sulfone, a Difluoromethylidene Equivalent: Use in the Synthesis of 1,1-Difluoro-1-alkenes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5203-5206.	13.8	80
57	Enantioselective Synthesis of Cyclopropanes That Contain Fluorinated Tertiary Stereogenic Carbon Centers: A Chiral α -Fluoro Carbanion Strategy. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6966-6970.	13.8	80
58	Nucleophilic Difluoromethylation of Primary Alkyl Halides Using Difluoromethyl Phenyl Sulfone as a Difluoromethyl Anion Equivalent. <i>Organic Letters</i> , 2004, 6, 4315-4317.	4.6	76
59	Nucleophilic difluoromethylation and difluoromethylenation using bromodifluoromethyl phenyl sulfone. <i>Journal of Fluorine Chemistry</i> , 2005, 126, 1361-1367.	1.7	74
60	Difluoromethylation of O , S , N , C -Nucleophiles Using Difluoromethyltri(n -butyl)ammonium Chloride as a New Difluorocarbene Source. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2717-2721.	4.9	74
61	Radical Fluoroalkylation of Isocyanides with Fluorinated Sulfones by Visible-Light Photoredox Catalysis. <i>Angewandte Chemie</i> , 2016, 128, 2793-2797.	2.0	74
62	Copper-Mediated Trifluoromethylation Using Phenyl Trifluoromethyl Sulfoxide. <i>Organic Letters</i> , 2015, 17, 298-301.	4.6	72
63	Electrophilic (phenylsulfonyl)difluoromethylation of thiols with a hypervalent iodine(III)- $\text{CF}_2\text{SO}_2\text{Ph}$ reagent. <i>Tetrahedron Letters</i> , 2008, 49, 5006-5008.	1.4	71
64	Palladium-Catalyzed Monofluoromethylation of Arylboronic Esters with Fluoromethyl Iodide. <i>Organic Letters</i> , 2015, 17, 3086-3089.	4.6	71
65	Radical (Phenylsulfonyl)difluoromethylation of Isocyanides with $\text{PhSO}_2\text{CF}_2\text{H}$ under Transition-Metal-Free Conditions. <i>Organic Letters</i> , 2016, 18, 5912-5915.	4.6	67
66	A novel photoredox-active group for the generation of fluorinated radicals from difluorostyrenes. <i>Chemical Science</i> , 2020, 11, 737-741.	7.4	67
67	From Difluoromethyl 2-Pyridyl Sulfone to Difluorinated Sulfonates: A Protocol for Nucleophilic Difluoro(sulfonato)methylation. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2559-2563.	13.8	66
68	Convenient Synthesis of Difluoromethyl Alcohols from Both Enolizable and Non-Enolizable Carbonyl Compounds with Difluoromethyl Phenyl Sulfone. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 2218-2223.	2.4	65
69	Radical (Phenylsulfonyl)difluoromethylation with Iododifluoromethyl Phenyl Sulfone. <i>Journal of Organic Chemistry</i> , 2007, 72, 5824-5827.	3.2	65
70	1-tert-Butyl-1H-tetrazol-5-yl fluoromethyl sulfone (TBTSO ₂ CH ₂ F): a versatile fluoromethylidene synthon and its use in the synthesis of monofluorinated alkenes via Julia-Kocienski olefination. <i>Tetrahedron</i> , 2010, 66, 5089-5100.	1.9	65
71	Spontaneous Resolution of Julia-Kocienski Intermediates Facilitates Phase Separation to Produce Z - and E -Monofluoroalkenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 5199-5203.	13.7	65
72	Nucleophilic (phenylsulfonyl)difluoromethylation of alkyl halides using $\text{PhSO}_2\text{CF}_2\text{SiMe}_3$: preparation of gem-difluoroalkenes and trifluoromethyl compounds. <i>Tetrahedron Letters</i> , 2010, 51, 6150-6152.	1.4	64

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73	Selective Fluoroalkylation of Organic Compounds by Tackling the “Negative Fluorine Effect”. Topics in Current Chemistry, 2011, 308, 25-44.	4.0	64
74	Chen's Reagent: A Versatile Reagent for Trifluoromethylation, Difluoromethylenation, and Difluoroalkylation in Organic Synthesis. Chinese Journal of Chemistry, 2020, 38, 202-212.	4.9	64
75	A General Protocol for C-H Difluoromethylation of Carbon Acids with TMSCF ₂ Br. Angewandte Chemie - International Edition, 2019, 58, 6405-6410.	13.8	63
76	Diphenyliodonium-Catalyzed Fluorination of Arynes: Synthesis of <i>ortho</i> -Fluoroiodoarenes. Angewandte Chemie - International Edition, 2015, 54, 10773-10777.	13.8	61
77	Deoxyfluorination of alcohols with 3,3-difluoro-1,2-diarylcyclopropenes. Nature Communications, 2016, 7, 13320.	12.8	61
78	Hypervalent Iodine(III)-Catalyzed Balz-Schiemann Fluorination under Mild Conditions. Angewandte Chemie - International Edition, 2018, 57, 9896-9900.	13.8	61
79	Silver-Catalyzed Formal Insertion of Arynes into R _f -I Bonds. Chemistry - A European Journal, 2014, 20, 6866-6870.	3.3	60
80	Bis(difluoromethyl)trimethylsilicate Anion: A Key Intermediate in Nucleophilic Difluoromethylation of Enolizable Ketones with Me ₃ SiCF ₂ H. Angewandte Chemie - International Edition, 2016, 55, 12632-12636.	13.8	60
81	Copper-Mediated Fluoroalkylation of Aryl Iodides Enables Facile Access to Diverse Fluorinated Compounds: The Important Role of the (2-Pyridyl)sulfonyl Group. Organic Letters, 2012, 14, 6080-6083.	4.6	59
82	Copper-Catalyzed Debenzoylative Monofluoromethylation of Aryl Iodides Assisted by the Removable (2-Pyridyl)sulfonyl Group. ACS Catalysis, 2013, 3, 631-634.	11.2	57
83	Rapid Deoxyfluorination of Alcohols with <i>N</i> -Tosyl-4-chlorobenzenesulfonimidoyl Fluoride (SulfoxFluor) at Room Temperature. Chemistry - A European Journal, 2019, 25, 7259-7264.	3.3	56
84	Nucleophilic Fluoromethylation of Aldehydes with Fluorobis(phenylsulfonyl)methane: The Importance of Strong Li-O Coordination and Fluorine Substitution for C-C Bond Formation. Angewandte Chemie - International Edition, 2011, 50, 2588-2592.	13.8	54
85	Deoxygenative <i>gem</i> -difluoroolefination of carbonyl compounds with (chlorodifluoromethyl)trimethylsilane and triphenylphosphine. Beilstein Journal of Organic Chemistry, 2014, 10, 344-351.	2.2	54
86	Stereoselective Synthesis of Di- and Monofluoromethylated Vicinal Ethylenediamines with Di- and Monofluoromethyl Sulfones. Journal of Organic Chemistry, 2007, 72, 3119-3121.	3.2	53
87	Stereoselective Nucleophilic Fluoromethylation of Aryl Ketones: Dynamic Kinetic Resolution of Chiral α -Fluoro Carbanions. Angewandte Chemie - International Edition, 2014, 53, 775-779.	13.8	51
88	Free radical (phenylsulfonyl)difluoromethylation of alkynes with PhSO ₂ CF ₂ I reagent: stereoselective preparation of PhSO ₂ CF ₂ - and CF ₂ H-substituted alkenes. Tetrahedron, 2009, 65, 478-483.	1.9	50
89	Highly Diastereoselective Synthesis of α -Difluoromethyl Amines from <i>N</i> - <i>tert</i> -Butylsulfinyl Ketimines and Difluoromethyl Phenyl Sulfone. Chemistry - A European Journal, 2010, 16, 11443-11454.	3.3	50
90	Efficient Synthesis and Ring-Opening Reactions of Monofluorinated Epoxides Derived from α -Fluorosulfoximines. Advanced Synthesis and Catalysis, 2010, 352, 2799-2804.	4.3	49

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91	Nucleophilic Perfluoroalkylation of Imines and Carbonyls: Perfluoroalkyl Sulfones as Efficient Perfluoroalkyl-Transfer Motifs. <i>Organic Letters</i> , 2010, 12, 2932-2935.	4.6	48
92	Stereoselective Carbonyl Olefination with Fluorosulfoximines: Facile Access to <i>Z</i> or <i>E</i> Terminal Monofluoroalkenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 619-623.	13.8	48
93	Stereoselective Monofluoromethylation of N-tert-Butylsulfinyl Ketimines Using Pregenerated Fluoro(phenylsulfonyl)methyl Anion. <i>Organic Letters</i> , 2008, 10, 5377-5380.	4.6	47
94	Synthesis of fluorinated chiral amines using <i>N</i> -tert-butylsulfinyl imines. <i>Future Medicinal Chemistry</i> , 2009, 1, 875-888.	2.3	47
95	Reactions of Sulfur- and Phosphorus-Substituted Fluoroalkylating Silicon Reagents with Imines and Enamines under Acidic Conditions. <i>Journal of Organic Chemistry</i> , 2012, 77, 2080-2086.	3.2	47
96	Enantioselective nucleophilic difluoromethylation of aromatic aldehydes with $\text{Me}_3\text{SiCF}_2\text{SO}_2\text{Ph}$ and $\text{PhSO}_2\text{CF}_2\text{H}$ reagents catalyzed by chiral quaternary ammonium salts. <i>Beilstein Journal of Organic Chemistry</i> , 2008, 4, 21.	2.2	45
97	Chlorodifluoromethyl aryl ketones and sulfones as difluorocarbene reagents: The substituent effect. <i>Journal of Fluorine Chemistry</i> , 2011, 132, 521-528.	1.7	45
98	Silver-Mediated Trifluoromethylthiolation–Iodination of Arynes. <i>Organic Letters</i> , 2016, 18, 856-859.	4.6	44
99	From C_1 to C_2 : TMSCF_3 as a Precursor for Pentafluoroethylation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13211-13215.	13.8	43
100	Stereoselective synthesis of \pm -difluoromethyl- β -amino alcohols via nucleophilic difluoromethylation with $\text{Me}_3\text{SiCF}_2\text{SO}_2\text{Ph}$. <i>Tetrahedron Letters</i> , 2008, 49, 1605-1608.	1.4	42
101	Synthesis of Fluorinated β -Ketosulfones and gem-Disulfones by Nucleophilic Fluoroalkylation of Esters and Sulfonates with Di- and Monofluoromethyl Sulfones. <i>Journal of Organic Chemistry</i> , 2009, 74, 3767-3771.	3.2	42
102	Stereoselective [3+2] cycloaddition of N-tert-butanesulfinyl imines to arynes facilitated by a removable PhSO_2CF_2 group: synthesis and transformation of cyclic sulfoximines. <i>Chemical Communications</i> , 2014, 50, 10596-10599.	4.1	41
103	Copper-Catalyzed Trifluoromethylation of Polysubstituted Alkenes Assisted by Decarboxylation. <i>Organic Letters</i> , 2016, 18, 72-75.	4.6	38
104	Divergent Rearrangements of Cyclopropyl-Substituted Fluoroepoxides Involving C–F Bond Cleavage and Formation. <i>Organic Letters</i> , 2014, 16, 888-891.	4.6	36
105	Radical Fluoroalkylation of Aryl Alkenes with Fluorinated Sulfones by Visible-Light Photoredox Catalysis. <i>Acta Chimica Sinica</i> , 2017, 75, 105.	1.4	36
106	Deoxyfluorination of Carboxylic Acids with CpFluor: Access to Acyl Fluorides and Amides. <i>Organic Letters</i> , 2021, 23, 1764-1768.	4.6	35
107	Copper-mediated aerobic (phenylsulfonyl)difluoromethylation of arylboronic acids with difluoromethyl phenyl sulfone. <i>Chemical Communications</i> , 2016, 52, 3657-3660.	4.1	34
108	Difluorocarbene-Triggered Cyclization: Synthesis of (Hetero)arene-Fused 2,2-Difluoro-2,3-dihydrothiophenes. <i>Organic Letters</i> , 2020, 22, 7047-7051.	4.6	34

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109	From C ₁ to C ₃ : Copper-Catalyzed <i>gem</i> -Bis(trifluoromethyl)olefination of \pm -Diazo Esters with TMSCF ₃ . <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8507-8511.	13.8	34
110	Copper(0)-mediated fluoroalkylation of iodobenzene with 2-bromo-1,1,2,2-tetrafluoroethyl compounds: Investigation on the influence of R substituent on the reactivity of RCF ₂ Cu species. <i>Journal of Fluorine Chemistry</i> , 2015, 171, 139-147.	1.7	33
111	The stability and reactivity of tri-, di-, and monofluoromethyl/methoxy/methylthio groups on arenes under acidic and basic conditions. <i>Organic Chemistry Frontiers</i> , 2017, 4, 214-223.	4.5	33
112	Nucleophilic (Phenylsulfonyl/arylthio)difluoromethylation of Aldehydes with TMSCF ₂ Br: A Three-Component Strategy. <i>Organic Letters</i> , 2019, 21, 9138-9141.	4.6	33
113	Electrochemical reduction of fluoroalkyl sulfones for radical fluoroalkylation of alkenes. <i>Chemical Communications</i> , 2021, 57, 8750-8753.	4.1	33
114	Fluoro-Hydroxylation of <i>gem</i> -Difluoroalkenes: Synthesis of ¹⁸ O-labeled \pm -CF ₃ Alcohols. <i>Chinese Journal of Chemistry</i> , 2018, 36, 1202-1208.	4.9	32
115	Fluoride ion-mediated nucleophilic fluoroalkylation of alkyl halides with Me ₃ SiCF ₂ SPh: Synthesis of PhSCF ₂ - and CF ₂ H-containing compounds. <i>Journal of Fluorine Chemistry</i> , 2008, 129, 382-385.	1.7	31
116	Controllable double CF ₂ -insertion into sp ² -Cu bond using TMSCF ₃ : a facile access to tetrafluoroethylene-bridged structures. <i>Chemical Science</i> , 2020, 11, 276-280.	7.4	31
117	DIAD-mediated metal-free cross dehydrogenative coupling between tertiary amines and \pm -fluorinated sulfones. <i>New Journal of Chemistry</i> , 2013, 37, 1684-1687.	2.8	30
118	Nucleophilic Iododifluoromethylation of Carbonyl Compounds Using Difluoromethyl 2-Pyridyl Sulfone. <i>Organic Letters</i> , 2016, 18, 2766-2769.	4.6	30
119	Copper-Mediated Di- and Monofluoromethanesulfonylation of Arenediazonium Tetrafluoroborates: Probing the Fluorine Effect. <i>Chinese Journal of Chemistry</i> , 2018, 36, 206-212.	4.9	30
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