

Feng-Ling Qing

List of Publications by Year in descending order

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papers

8,806
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38742

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147
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5304
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#	ARTICLE	IF	CITATIONS
1	Oxidative Trifluoromethylation and Trifluoromethylthiolation Reactions Using (Trifluoromethyl)trimethylsilane as a Nucleophilic CF ₃ Source. <i>Accounts of Chemical Research</i> , 2014, 47, 1513-1522.	15.6	646
2	A Highly Efficient Self-Healing Elastomer with Unprecedented Mechanical Properties. <i>Advanced Materials</i> , 2019, 31, e1901402.	21.0	413
3	Copper-Mediated Oxidative Trifluoromethylation of Boronic Acids. <i>Organic Letters</i> , 2010, 12, 5060-5063.	4.6	353
4	Copper-Catalyzed Direct C-H Oxidative Trifluoromethylation of Heteroarenes. <i>Journal of the American Chemical Society</i> , 2012, 134, 1298-1304.	13.7	314
5	Copper-Catalyzed Oxidative Trifluoromethylthiolation of Aryl Boronic Acids with TMSCF ₃ and Elemental Sulfur. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2492-2495.	13.8	292
6	Copper-Mediated Aerobic Oxidative Trifluoromethylation of Terminal Alkynes with Me ₃ SiCF ₃ . <i>Journal of the American Chemical Society</i> , 2010, 132, 7262-7263.	13.7	271
7	Silver-Catalyzed Hydrotrifluoromethylation of Unactivated Alkenes with CF ₃ SiMe ₃ . <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2198-2202.	13.8	251
8	Metal-Free Oxidative Trifluoromethylthiolation of Terminal Alkynes with CF ₃ SiMe ₃ and Elemental Sulfur. <i>Journal of the American Chemical Society</i> , 2012, 134, 12454-12457.	13.7	238
9	Visible-Light-Induced Hydrodifluoromethylation of Alkenes with a Bromodifluoromethylphosphonium Bromide. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1479-1483.	13.8	216
10	Recent Advances in the Synthesis of Fluorinated Amino Acids. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3261-3278.	2.4	178
11	Enantioselective Three-Component Fluoroalkylation of Unactivated Olefins through Nickel-Catalyzed Cross-Electrophile Coupling. <i>Journal of the American Chemical Society</i> , 2020, 142, 9604-9611.	13.7	173
12	Intermolecular selective carboacylation of alkenes via nickel-catalyzed reductive radical relay. <i>Nature Communications</i> , 2018, 9, 3488.	12.8	169
13	Copper-Catalyzed Three-Component Oxytrifluoromethylation of Alkenes with Sodium Trifluoromethanesulfinate and Hydroxamic Acid. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14177-14180.	13.8	168
14	Direct Dehydroxytrifluoromethylthiolation of Alcohols Using Silver(I) Trifluoromethanethiolate and Tetra <i>n</i> -butylammonium Iodide. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 897-900.	13.8	165
15	Copper-Catalyzed Direct Trifluoromethylthiolation of Benzylic C-H Bonds via Nondirected Oxidative C(sp ³)-H Activation. <i>Organic Letters</i> , 2014, 16, 3372-3375.	4.6	146
16	Photoredox-Catalyzed Bromodifluoromethylation of Alkenes with (Difluoromethyl)triphenylphosphonium Bromide. <i>Organic Letters</i> , 2016, 18, 2419-2422.	4.6	144
17	Copper-mediated difluoromethylation of electron-poor aryl iodides at room temperature. <i>Organic Chemistry Frontiers</i> , 2014, 1, 774.	4.5	143
18	Silver-Mediated Oxidative Trifluoromethylation of Phenols: Direct Synthesis of Aryl Trifluoromethyl Ethers. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11839-11842.	13.8	130

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19	Visible Light Induced Oxydifluoromethylation of Styrenes with Difluoromethyltriphenylphosphonium Bromide. <i>Journal of Organic Chemistry</i> , 2016, 81, 7001-7007.	3.2	113
20	Copper-Mediated Radical 1,2-Bis(trifluoromethylation) of Alkenes with Sodium Trifluoromethanesulfinate. <i>Organic Letters</i> , 2015, 17, 1906-1909.	4.6	110
21	Visible-Light Photoredox Decarboxylation of Perfluoroarene Iodine(III) Trifluoroacetates for C-H Trifluoromethylation of (Hetero)arenes. <i>ACS Catalysis</i> , 2018, 8, 2839-2843.	11.2	106
22	Electrophilic Trifluoromethylthiolation of Allylsilanes with Trifluoromethanesulfanamide. <i>Organic Letters</i> , 2013, 15, 894-897.	4.6	104
23	Trifluoromethanesulfonic Anhydride as a Low-Cost and Versatile Trifluoromethylation Reagent. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6926-6929.	13.8	104
24	Direct Introduction of Ethoxycarbonyldifluoromethyl-Group to Heteroarenes with Ethyl Bromodifluoroacetate via Visible-Light Photocatalysis. <i>Chinese Journal of Chemistry</i> , 2013, 31, 885-891.	4.9	97
25	Silver-Mediated Oxidative Trifluoromethylation of Alcohols to Alkyl Trifluoromethyl Ethers. <i>Organic Letters</i> , 2015, 17, 5048-5051.	4.6	97
26	Synthesis of Trifluoromethylated and gem-Difluoromethylenated Biologically Interesting Compounds from Fluorine-Containing Synthons. <i>Synlett</i> , 2011, 2011, 1052-1072.	1.8	94
27	Direct and Regioselective C-H Oxidative Difluoromethylation of Heteroarenes. <i>Journal of the American Chemical Society</i> , 2018, 140, 11613-11617.	13.7	93
28	A Fruitful Decade of Organofluorine Chemistry: New Reagents and Reactions. <i>CCS Chemistry</i> , 2022, 4, 2518-2549.	7.8	93
29	A general strategy of 3D printing thermosets for diverse applications. <i>Materials Horizons</i> , 2019, 6, 394-404.	12.2	89
30	3D printing of biomimetic vasculature for tissue regeneration. <i>Materials Horizons</i> , 2019, 6, 1197-1206.	12.2	88
31	Transition-Metal-Free Decarboxylation of 3,3,3-Trifluoro-2,2-dimethylpropanoic Acid for the Preparation of C(CF ₃) ₂ Me-Containing Heteroarenes. <i>Organic Letters</i> , 2018, 20, 5497-5501.	4.6	85
32	Biomimetic Materials with Multiple Protective Functionalities. <i>Advanced Functional Materials</i> , 2019, 29, 1901058.	14.9	85
33	Benzoyl peroxide (BPO)-promoted oxidative trifluoromethylation of tertiary amines with trimethyl(trifluoromethyl)silane. <i>Chemical Communications</i> , 2010, 46, 6285.	4.1	81
34	Copper-Promoted Trifluoromethanesulfonylation and Trifluoromethylation of Arenediazonium Tetrafluoroborates with NaSO ₂ CF ₃ . <i>Journal of Organic Chemistry</i> , 2015, 80, 7658-7665.	3.2	81
35	Synthesis of 3-Trifluoroethylfurans by Palladium-Catalyzed Cyclization~Isomerization of (Z)-2-Alkynyl-3-trifluoromethyl Allylic Alcohols. <i>Journal of Organic Chemistry</i> , 2000, 65, 2003-2006.	3.2	78
36	Copper-mediated oxidative trifluoromethylthiolation of unactivated terminal alkenes. <i>Chemical Communications</i> , 2014, 50, 14157-14160.	4.1	78

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37	Photoredox Catalysis Mediated Application of Methyl Fluorosulfonyldifluoroacetate as the CF ₂ CO ₂ R Radical Source. <i>Organic Letters</i> , 2016, 18, 5130-5133.	4.6	78
38	Visible light-induced selective hydrobromodifluoromethylation of alkenes with dibromodifluoromethane. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8740-8749.	2.8	75
39	Elastic 3D-Printed Hybrid Polymeric Scaffold Improves Cardiac Remodeling after Myocardial Infarction. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900065.	7.6	73
40	Synthesis of Difluoroalkylated Arenes by Hydroaryldifluoromethylation of Alkenes with $\hat{\text{I}}^{\pm}$ -Difluoroarylacetic Acids under Photoredox Catalysis. <i>Organic Letters</i> , 2016, 18, 5956-5959.	4.6	72
41	Tunable and Practical Synthesis of Thiosulfonates and Disulfides from Sulfonyl Chlorides in the Presence of Tetrabutylammonium Iodide. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3477-3481.	4.3	62
42	Oxidative Trifluoromethylthiolation of Terminal Alkynes with AgSCF ₃ : A Convenient Approach to Alkynyl Trifluoromethyl Sulfides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4453-4456.	2.4	61
43	Hybrid electrospun rapamycin-loaded small-diameter decellularized vascular grafts effectively inhibit intimal hyperplasia. <i>Acta Biomaterialia</i> , 2019, 97, 321-332.	8.3	60
44	Copper-Catalyzed, Stereoselective Bis-trifluoromethylthiolation of Propiolic Acid Derivatives with AgSCF ₃ . <i>Organic Letters</i> , 2017, 19, 3247-3250.	4.6	57
45	Copper-Assisted Oxidative Trifluoromethylthiolation of 2,3-Alleenoic Acids with AgSCF ₃ . <i>Organic Letters</i> , 2017, 19, 4624-4627.	4.6	57
46	Silver-Enabled General Radical Difluoromethylation Reaction with TMSCF ₂ H. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4300-4306.	13.8	55
47	Silver-Mediated Oxidative Fluorotrifluoromethylation of Unactivated Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2039-2044.	4.3	54
48	Visible-Light-Induced Hydrodifluoromethylation of Alkenes with a Bromodifluoromethylphosphonium Bromide. <i>Angewandte Chemie</i> , 2016, 128, 1501-1505.	2.0	54
49	Anti-crease finishing of cotton fabrics based on crosslinking of cellulose with acryloyl malic acid. <i>Carbohydrate Polymers</i> , 2016, 135, 86-93.	10.2	53
50	Copper-Catalyzed Regioselective Borylfluoromethylation of Alkenes. <i>ACS Catalysis</i> , 2019, 9, 5726-5731.	11.2	53
51	Argentination of Fluoroform: Preparation of a Stable AgCF ₃ Solution with Diverse Reactivities. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10320-10324.	13.8	51
52	Novel superhydrophobic and highly oleophobic PFPE-modified silica nanocomposite. <i>Journal of Materials Science</i> , 2010, 45, 460-466.	3.7	47
53	Copper-mediated oxidative difluoromethylation of aryl boronic acids with $\hat{\text{I}}^{\pm}$ -silyldifluoromethylphosphonates: a new method for aryldifluorophosphonates. <i>New Journal of Chemistry</i> , 2013, 37, 1736.	2.8	43
54	Tandem trifluoromethylthiolation/aryl migration of aryl alkynoates to trifluoromethylthiolated alkenes. <i>Chemical Communications</i> , 2017, 53, 10136-10139.	4.1	42

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55	Pd-catalyzed oxidative cross-coupling between two electron rich heteroarenes. <i>Chemical Science</i> , 2013, 4, 3508.	7.4	40
56	Synthesis of Trifluoromethylthiolated Alkenes and Ketones by Decarboxylative Functionalization of Cinnamic Acids. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2854-2858.	3.3	40
57	Chemoselective Hydro(Chloro)pentafluorosulfanylation of Diazo Compounds with Pentafluorosulfanyl Chloride. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15271-15275.	13.8	40
58	A four-component radical cascade trifluoromethylation reaction of alkenes enabled by an electron-donor-acceptor complex. <i>Chemical Communications</i> , 2018, 54, 12710-12713.	4.1	39
59	Radical Difluoromethylation of Thiols with Difluoromethylphosphonium Triflate under Photoredox Catalysis. <i>Journal of Organic Chemistry</i> , 2017, 82, 7373-7378.	3.2	38
60	Visible light induced hydrodifluoromethylation of alkenes derived from oxindoles with (difluoromethyl)triphenylphosphonium bromide. <i>Journal of Fluorine Chemistry</i> , 2018, 208, 73-79.	1.7	37
61	Divergent Aminocarbonylations of Alkynes Enabled by Photoredox/Nickel Dual Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26511-26517.	13.8	37
62	Palladium(0)/Copper(I)-Cocatalyzed Cross-Coupling of the Zinc Reagent of Ethyl 3-Bromo-3,3-difluoropropionate with Aryl (Alkenyl) Halides: An Efficient Stereoselective Synthesis of β -Fluoro- β , β -unsaturated Esters. <i>Journal of Organic Chemistry</i> , 2000, 65, 694-700.	3.2	36
63	Hydrotrifluoromethylthiolation of Unactivated Alkenes and Alkynes with Trifluoromethanesulfonic Anhydride through Deoxygenative Reduction and Photoredox Radical Processes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18508-18512.	13.8	36
64	PPC-based reactive hot melt polyurethane adhesive (RHMPA) Efficient glues for multiple types of substrates. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2018, 36, 58-64.	3.8	34
65	General Synthesis of <i>N</i> -Trifluoromethyl Compounds with <i>N</i> -Trifluoromethyl Hydroxylamine Reagents. <i>Journal of the American Chemical Society</i> , 2022, 144, 1962-1970.	13.7	34
66	Polyhedral oligomeric silsesquioxane-based fluoroether-containing terpolymers: Synthesis, characterization and their water and oil repellency evaluation for cotton fabric. <i>Journal of Polymer Science Part A</i> , 2011, 49, 5152-5161.	2.3	33
67	Copper-mediated oxidative difluoromethylation of terminal alkynes with TMSCF ₂ H. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1022-1025.	4.5	33
68	Trifluoromethanesulfonic Anhydride as a Low-Cost and Versatile Trifluoromethylation Reagent. <i>Angewandte Chemie</i> , 2018, 130, 7042-7045.	2.0	33
69	Synthesis and characterization of a novel amphiphilic copolymer capable as anti-biofouling coating material. <i>Journal of Applied Polymer Science</i> , 2009, 114, 2071-2078.	2.6	32
70	Silver-Catalyzed C-H Aryloxydifluoromethylation and Arylthiodifluoromethylation of Heteroarenes. <i>Organic Letters</i> , 2020, 22, 5451-5455.	4.6	32
71	Synthesis and Characterization of a Novel Perfluorocyclobutyl Aromatic Ether-Based ABA Triblock Copolymer. <i>Macromolecules</i> , 2005, 38, 7299-7305.	4.8	31
72	Electrochemical Trifluoromethoxylation of (Hetero)aromatics with a Trifluoromethyl Source and Oxygen. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	30

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73	Silver-mediated oxidative C-H difluoromethylation of phenanthridines and 1,10-phenanthrolines. <i>Chemical Communications</i> , 2017, 53, 11484-11487.	4.1	29
74	Cu-Mediated trifluoromethylation of benzyl, allyl and propargyl methanesulfonates with TMSCF ₃ . <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 2862-2865.	2.2	28
75	Synthesis and characterization of fluorinated polyacrylate graft copolymers capable as water and oil repellent finishing agents. <i>Journal of Applied Polymer Science</i> , 2011, 119, 84-92.	2.6	27
76	Copper-mediated oxidative trifluoromethylthiolation of quinones. <i>Tetrahedron Letters</i> , 2015, 56, 6273-6275.	1.4	27
77	Iodine-mediated regioselective synthesis of vinyl triflones from styrenes with CF ₃ SO ₂ Na. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8443-8447.	2.8	26
78	4-Axis printing microfibrillar tubular scaffold and tracheal cartilage application. <i>Science China Materials</i> , 2019, 62, 1910-1920.	6.3	26
79	Iron-Mediated Chlorotrifluoromethylation of Alkenes with Sodium Trifluoromethanesulfinate. <i>Chinese Journal of Chemistry</i> , 2016, 34, 465-468.	4.9	25
80	Anti-wrinkle and UV protective performance of cotton fabrics finished with 5-(carboxyloxy) Tj ETQq0 0 0 rgBT /Overlock 10 Tf,50 462 Td	10.2	25
81	Nickel-Mediated Trifluoromethylation of Phenol Derivatives by Aryl C-O Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16076-16082.	13.8	24
82	Recent Developments in the Fluorofunctionalization of Alkenes. <i>Current Organic Chemistry</i> , 2015, 19, 1566-1578.	1.6	24
83	Synthesis of Boc-protected cis- and trans-4-trifluoromethyl-d-prolines. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 2052-2057.	1.3	22
84	Copper-catalyzed chemoselective C-H functionalization of quinoxalin-2(1H)-ones with hexafluoroisopropanol. <i>Chemical Communications</i> , 2020, 56, 12805-12808.	4.1	21
85	Copper-Catalyzed Sulfonylation, Sulfonylation, and Selenylation of 2,3-Allenic Acids with Disulfides or Diselenides. <i>Journal of Organic Chemistry</i> , 2018, 83, 6101-6109.	3.2	18
86	Photoredox-Catalyzed Addition of Dibromofluoromethane to Alkenes: Direct Synthesis of 1-Bromo-1-fluoroalkanes. <i>Organic Letters</i> , 2021, 23, 2364-2369.	4.6	18
87	Nucleophilic and Radical Heptafluoroisopropoxylation with Redox-Active Reagents. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22915-22924.	13.8	18
88	Copper and Zinc Copromoted Bromo(chloro)trifluoromethylation of Alkenes and Alkynes with Trifluoromethanesulfonic Anhydride. <i>Organic Letters</i> , 2021, 23, 346-350.	4.6	18
89	Antiwrinkle Finishing of Cotton Fabrics with 5-(Carboxyloxy succinic)-benzene-1,2,4-tricarboxylic Acid: Comparison with Other Acids. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 11850-11856.	3.7	17
90	Synthesis of CMe ₂ CF ₃ -Containing Heteroarenes via Tandem 1,1-Dimethyltrifluoroethylation and Cyclization of Isonitriles. <i>Journal of Organic Chemistry</i> , 2018, 83, 15236-15244.	3.2	17

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91	Visible Light-Induced Methoxycarbonyldifluoromethylation of Trimethylsilyl Enol Ethers and Allyltrimethylsilanes with $\text{FSO}_2\text{CF}_2\text{CO}_2\text{Me}$. Chinese Journal of Chemistry, 2018, 36, 1024-1030.	4.9	17
92	Oxidative Hydro-, Bromo-, and Chloroheptafluoroisopropylation of Unactivated Alkenes with Heptafluoroisopropyl Silver. Organic Letters, 2019, 21, 9532-9535.	4.6	16
93	Reductive hydrobenzylation of terminal alkynes <i>via</i> photoredox and nickel dual catalysis. Chemical Communications, 2021, 57, 9414-9417.	4.1	16
94	Chemoselective Hydro(Chloro)pentafluorosulfanylation of Diazo Compounds with Pentafluorosulfanyl Chloride. Angewandte Chemie, 2021, 133, 15399-15403.	2.0	16
95	Novel waterborne polyurethanes containing short fluoroalkyl chains: Synthesis and applications on cotton fabrics. Journal of Applied Polymer Science, 2008, 109, 1911-1915.	2.6	15
96	Trifluoromethylated nucleic acid analogues capable of self-assembly through hydrophobic interactions. Chemical Science, 2014, 5, 4076-4081.	7.4	15
97	Copper-mediated trifluoromethylation of diaryliodonium salts with TMSCF_3 at room temperature. Journal of Fluorine Chemistry, 2015, 180, 175-180.	1.7	15
98	Synthesis of aryl triflones by insertion of arynes into SO_2CF_3 bonds. RSC Advances, 2017, 7, 47-50.	3.6	14
99	Regio- and Diastereoselective Vinylogous Mannich Addition of 3-Alkenyl-2-oxindoles to \pm -Fluoroalkyl Aldimines. Synlett, 2014, 26, 67-72.	1.8	13
100	Synthesis of Pentafluoroethyl Ethers by Silver-Mediated Oxidative Pentafluoroethylation of Alcohols and Phenols. Journal of Organic Chemistry, 2017, 82, 3702-3709.	3.2	13
101	Synthesis of vinyl and electron-deficient aryl trifluoromethyl sulfides via $\text{Csp}^2\text{-OH}$ bond activation with AgSCF_3 and $n\text{-Bu}_4\text{NI/KI}$. Tetrahedron, 2018, 74, 5827-5832.	1.9	13
102	Regioselective deoxygenative C-H trifluoromethylthiolation of heteroaryl N-oxides with AgSCF_3 . Journal of Fluorine Chemistry, 2019, 227, 109367.	1.7	13
103	Argentination of Fluoroform: Preparation of a Stable AgCF_3 Solution with Diverse Reactivities. Angewandte Chemie, 2019, 131, 10426-10430.	2.0	13
104	The radical reaction of ethynylbenziodoxolone (EBX) reagents with pentafluorosulfanyl chloride: New approach to SF_5 -substituted alkynes. Journal of Fluorine Chemistry, 2022, 261-262, 110018.	1.7	13
105	Synthesis of a novel perfluorooctylated polyacrylate and its application on cotton fabrics. Journal of Applied Polymer Science, 2005, 98, 222-226.	2.6	12
106	Copper-Catalyzed Aerobic Oxidative Trifluoromethylation of H-Phosphonates Using Trimethyl(trifluoromethyl)silane. Synthesis, 2012, 44, 1521-1525.	2.3	11
107	Visible light-induced monofluoromethylenation of heteroarenes with ethyl bromofluoroacetate. New Journal of Chemistry, 2016, 40, 6564-6567.	2.8	11
108	2-Position-selective C-H fluoromethylation of six-membered heteroaryl N-oxides with (fluoromethyl)triphenylphosphonium iodide. Journal of Fluorine Chemistry, 2021, 242, 109695.	1.7	11

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109	Copper-mediated trifluoromethylation of diaryliodonium salts with difluoromethyltriflate. <i>Journal of Fluorine Chemistry</i> , 2016, 186, 45-51.	1.7	10
110	Photoredox catalyzed C-H trifluoroethylation of heteroarenes. <i>Chemical Communications</i> , 2022, 58, 1346-1349.	4.1	10
111	Hydrotrifluoromethylthiolation of Unactivated Alkenes and Alkynes with Trifluoromethanesulfonic Anhydride through Deoxygenative Reduction and Photoredox Radical Processes. <i>Angewandte Chemie</i> , 2019, 131, 18679-18683.	2.0	9
112	Novel poly(aryl ether)s containing benzimidazole pendants derived from 1,4-bis(2-benzimidazolyl)-2,5-difluorobenzene. <i>Journal of Materials Science</i> , 2009, 44, 3566-3573.	3.7	8
113	Copper-Promoted Ritter-Type Trifluoroethoxylation of (Hetero)arene Diazonium Tetrafluoroborates: A Method for the Preparation of Trifluoroethyl Imidates. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5088-5090.	2.4	8
114	Deoxygenative 1,1-Bis(trifluoromethylthiolation) of Aromatic Aldehydes to Access Bis(trifluoromethylthio)methylarenes. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5031-5035.	4.3	8
115	Cascade trifluoromethylthiolation and cyclization of <i>N</i> -[(3-aryl)propionyl]indoles. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 657-662.	2.2	8
116	Nonbiofouling surface based on amphiphilic alkanethiol self-assembled monolayers. <i>Surface and Interface Analysis</i> , 2011, 43, 770-776.	1.8	7
117	Synthesis and antibiofouling properties of novel crosslinkable terpolymers containing semifluoroalkyl substituted aromatic side chains. <i>Polymer Engineering and Science</i> , 2010, 50, 944-951.	3.1	6
118	Copper-Catalyzed Hydrodifluoroallylation of Terminal Alkynes to Access (E)-1,1-Difluoro-1,4-Dienes. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2852-2856.	4.3	6
119	Synthesis and Properties of CF_3 -(OCF_3) $_3$ -CH $_2$ -Substituted Arenes and Alkenes. <i>Chinese Journal of Chemistry</i> , 2020, 38, 847-854.	4.9	6
120	1,2-Bis(trifluoromethylthiolation) of Aromatic Epoxides with AgSCF_3 . <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1015-1018.	2.4	6
121	Regioselective oxidative C-H heptafluoroisopropylation of heteroarenes with heptafluoroisopropyl silver. <i>Organic Chemistry Frontiers</i> , 2022, 9, 4435-4440.	4.5	6
122	Trifluoromethylthiolation of epoxides with AgSCF_3 : A new access to vinyl trifluoromethyl thioethers. <i>Tetrahedron Letters</i> , 2020, 61, 151628.	1.4	5
123	Radical coupling of arylthiodifluoroacetic acids and ethynylbenziodoxolone (EBX) reagents to access arylthiodifluoromethylated alkynes. <i>Journal of Fluorine Chemistry</i> , 2021, 242, 109715.	1.7	5
124	Nucleophilic and Radical Heptafluoroisopropoxylation with Redox-Active Reagents. <i>Angewandte Chemie</i> , 2021, 133, 23097-23106.	2.0	5
125	Nickel-Mediated Trifluoromethylation of Phenol Derivatives by Aryl C=O Bond Activation. <i>Angewandte Chemie</i> , 2020, 132, 16210-16216.	2.0	5
126	Novel Fluorous Glycol Derivatives for the Immobilization of Boronic Acids. <i>QSAR and Combinatorial Science</i> , 2006, 25, 716-718.	1.4	4

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127	Synthesis of α -trifluoromethyl- β -keto phosphonates by electrophilic trifluoromethylation with Togni reagent. <i>Synthetic Communications</i> , 2016, 46, 415-420.	2.1	4
128	Divergent Aminocarbonylations of Alkynes Enabled by Photoredox/Nickel Dual Catalysis**. <i>Angewandte Chemie</i> , 0, , .	2.0	4
129	Electrochemical Trifluoromethoxylation of (Hetero)aromatics with a Trifluoromethyl Source and Oxygen. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
130	Synthesis of Fluorinated Prolines and Pyroglutamic Acids. <i>ACS Symposium Series</i> , 2005, , 562-571.	0.5	3
131	A novel perfluorooctylated triazine pyridine quaternary ammonium salt: Synthesis and its application on cotton fabrics finishing. <i>Journal of Applied Polymer Science</i> , 2006, 100, 4561-4564.	2.6	2
132	Special Issue of "Trifluoromethylation and Trifluoromethylthiolation Reactions". <i>Chinese Journal of Chemistry</i> , 2016, 34, 439-439.	4.9	2
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135	Photoredox catalyzed difluoro(phenylthio)methylation of 2,3-allenoic acids with {difluoro(phenylthio)methyl}triphenylphosphonium triflate. <i>Journal of Fluorine Chemistry</i> , 2022, 257-258, 109969.	1.7	1
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