

Recent progress on selective deconstructive modes of α -trifluoromethyl-containing reagents

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Recent advance in the C–F bond functionalization of trifluoromethyl-containing compounds. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3915-3942.	2.3	122
2	Catalytic asymmetric synthesis of monofluoroalkenes and <i>gem</i> -difluoroalkenes: advances and perspectives. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2315-2327.	2.3	63
3	Palladium-catalyzed selective defluorinative arylation for the efficient stereospecific synthesis of <i>E</i> - β -fluoroacrylamides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4746-4751.	2.3	15
4	Pd-Catalyzed Assembly of Fluoren-9-ones by Merging of C–H Activation and Difluorocarbene Transfer. <i>Organic Letters</i> , 2021, 23, 2543-2547.	2.4	34
5	Copper Catalyzed Direct Synthesis of Unsymmetrically Substituted Oxalamides From Bromodifluoroacetamide and Tertiary Amines. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 780-783.	1.3	2
6	Fluorinated Ketones as Trapping Reagents for Visible-Light-Induced Singlet Nucleophilic Carbenes. <i>Organic Letters</i> , 2021, 23, 2783-2789.	2.4	22
7	Copper-Catalyzed Difluoroalkylation/Thiolation of Alkenes Promoted by Na ₂ S ₂ O ₅ . <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1913-1918.	1.2	10
8	Sequential C–F bond functionalizations of trifluoroacetamides and acetates via spin-center shifts. <i>Science</i> , 2021, 371, 1232-1240.	6.0	166
9	Copper-Catalyzed Enantioselective Difluoromethylation of Amino Acids via Difluorocarbene. <i>Journal of the American Chemical Society</i> , 2021, 143, 6376-6381.	6.6	32
10	Difluoroalkylation/1,2-aryl migration of allylic alcohols under transition metal-free conditions. <i>Tetrahedron Letters</i> , 2021, 70, 153002.	0.7	4
11	Defluorinative Diborasodiation of Benzotrifluorides with Bis(pinacolato)Diboron and Sodium. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1440-1443.	1.3	9
12	Photostable 1-Trifluoromethyl Cinnamyl Alcohol Derivatives Designed as Potential Fungicides and Bactericides. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 5435-5445.	2.4	7
13	Base-Promoted Formylation and N-Difluoromethylation of Azaindoles with Ethyl Bromodifluoroacetate as a Carbon Source. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1477-1482.	2.6	2
14	Chemoselective catalytic hydrodefluorination of trifluoromethylalkenes towards mono-/gem-difluoroalkenes under metal-free conditions. <i>Nature Communications</i> , 2021, 12, 2835.	5.8	54
15	Cu-Catalyzed Arylation of Bromo-Difluoro-Acetamides by Aryl Boronic Acids, Aryl Trialkoxysilanes and Dimethyl-Aryl-Sulfonium Salts: New Entries to Aromatic Amides. <i>Molecules</i> , 2021, 26, 2957.	1.7	5
16	Gold-Catalyzed One-Pot Synthesis of Polyfluoroalkylated Oxazoles from N-Propargylamides Under Visible-Light Irradiation. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2417-2420.	1.7	17
17	Solvent-Dependent Cyclization of 2-Alkynylanilines and ClCF ₂ COONa for the Divergent Assembly of <i>N</i> -(Quinolin-2-yl)amides and Quinolin-2(1 <i>H</i>)-ones. <i>Organic Letters</i> , 2021, 23, 5599-5604.	2.4	17
18	C-F bond activation under transition-metal-free conditions. <i>Science China Chemistry</i> , 2021, 64, 1630-1659.	4.2	85

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19	Modular Synthesis of Polysubstituted Quinolin-3-amines by Oxidative Cyclization of 2-(2-Isocyanophenyl)acetonitriles with Organoboron Reagents. <i>Organic Letters</i> , 2021, 23, 6789-6794.	2.4	14
20	Radical 1,4/5-Amino Shift Enables Access to Fluoroalkyl-Containing Primary β -Aminoketones under Metal-Free Conditions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26308-26313.	7.2	16
21	C-F bond functionalizations of trifluoromethyl groups via radical intermediates. <i>Chinese Chemical Letters</i> , 2022, 33, 1193-1198.	4.8	54
22	Precise Introduction of the $\text{-CH}_n\text{-X}_3$ ($X = \text{F, Cl, Br, I}$) Moiety to Target Molecules by a Radical Strategy: A Theoretical and Experimental Study. <i>Journal of the American Chemical Society</i> , 2021, 143, 13195-13204.	6.6	11
23	Radical 1,4/5-Amino Shift Enables Access to Fluoroalkyl-Featured Primary β -Aminoketones under Metal-Free Conditions. <i>Angewandte Chemie</i> , 0, .	1.6	3
24	Difluorocarbene enables to access 2-fluoroindoles from ortho-vinylanilines. <i>Nature Communications</i> , 2021, 12, 4986.	5.8	32
25	Synthesis of $\text{4-Trifluoromethylated-1,3-Butadienes}$ via Palladium Catalyzed Heck Reaction. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2962-2966.	2.6	7
26	$[\text{4}^-\text{-1}]$ Cyclization of benzohydrazide and $\text{ClCF}_2\text{COONa}$ towards 1,3,4-oxadiazoles and 1,3,4-oxadiazoles-d5. <i>Chinese Chemical Letters</i> , 2022, 33, 1511-1514.	4.8	19
27	Photoredox-catalyzed direct $\text{C}(\text{sp}^2)\text{-H}$ difluoromethylation of enamides or heterocycles with [bis(difluoroacetoxy)iodo]benzene. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5948-5954.	2.3	32
28	Visible-Light-Driven Multicomponent Cyclization by Trapping a 1,3-Vinylimine Ion Intermediate: A Direct Approach to Pyrimido[1,2-b]indazole Derivatives. <i>Organic Letters</i> , 2021, 23, 8343-8347.	2.4	40
29	Nucleophilic trifluoromethylation of azinium salts with $\text{Zn}(\text{CF}_3)_2\text{-bpy}$. <i>Tetrahedron</i> , 2021, 100, 132477.	1.0	2
30	Difluorocarbene-Induced Ring-Opening Difluoromethylation-Halogenation of Cyclic (Thio)Ethers with $\text{TMSCF}_2\text{-X}$ ($X = \text{Br, Cl}$)**. <i>Chemistry - A European Journal</i> , 2021, 27, 17773-17779.	1.7	15
31	Double Capture of Difluorocarbene by 2-Aminostyrenes Enables the Construction of 3-(2,2-Difluoroethyl)-2-fluoroindoles. <i>Organic Letters</i> , 2021, 23, 7781-7786.	2.4	27
32	Recent Advances in C-F Bond Cleavage Enabled by Visible Light Photoredox Catalysis. <i>Molecules</i> , 2021, 26, 7051.	1.7	34
33	Recent Advances in the Synthesis of Difluorinated Architectures from Trifluoromethyl Groups. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 234-267.	2.1	84
34	Nucleophilic Substitution of Selenosulfonates with $\text{Me}_3\text{SiCF}_2\text{-Br}$: Facile and Efficient Access to Bromodifluoromethylated Selenides under Metal-Free Conditions. <i>Journal of Organic Chemistry</i> , 2021, 86, 18081-18093.	1.7	5
35	Cu-catalyzed direct C1-H trifluoromethylation of pyrrolo[1,2-a]quinoxalines. <i>Tetrahedron</i> , 2022, 105, 132610.	1.0	7
36	Nickel-Catalyzed <i>anti</i> -Markovnikov Hydrodifluoroalkylation of Unactivated Alkenes. <i>Organic Letters</i> , 2022, 24, 1083-1087.	2.4	5

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37	Recent advances in radical enabled selective C _{sp} ³ -F bond activation of multifluorinated compounds. <i>Chemical Communications</i> , 2022, 58, 1066-1077.	2.2	42
38	Electrochemical fluorosulfonylation of alkenes to access vicinal fluorinated sulfones derivatives. <i>Tetrahedron</i> , 2022, 106-107, 132651.	1.0	5
39	Synthesis of <i>gem</i> -Difluoroalkenes through Nickel-Promoted Electrochemical Reductive Cross-Coupling. <i>Chinese Journal of Organic Chemistry</i> , 2022, 42, 147.	0.6	8
40	Difluorocarbene-enabled access to 1,3-oxazin-6-ones from enamides. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1282-1287.	2.3	8
41	Nickel-catalyzed reductive cross-coupling of polyfluoroarenes with alkyl electrophiles by site-selective C-F bond activation. <i>Chinese Chemical Letters</i> , 2022, 33, 4287-4292.	4.8	21
42	<i>N</i> -Difluoromethylation of <i>N</i> -pyridyl-substituted anilines with ethyl bromodifluoroacetate. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1883-1887.	1.5	3
43	Multiple-fold C-F bond functionalization for the synthesis of (hetero)cyclic compounds: fluorine as a detachable chemical handle. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2013-2055.	2.3	28
44	Iodoperfluoroalkylation of unactivated alkenes <i>via</i> pyridine-boryl radical initiated atom-transfer radical addition. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2857-2862.	1.5	8
45	Photoinduced Cascade C-N/C-O Bond Formation from Bromodifluoroalkyl Reagents, Amines, and H ₂ O via a Triple-Cleavage Process. <i>Organic Letters</i> , 2022, 24, 1668-1672.	2.4	8
46	TMSCF ₂ Br as both a C1 synthon and a F1 reagent. <i>Green Synthesis and Catalysis</i> , 2022, 3, 303-305.	3.7	4
47	Photochemical defluorinative functionalization of $\hat{\sigma}$ -polyfluorinated carbonyls via spin-center shift. <i>Chinese Chemical Letters</i> , 2022, 33, 2763-2764.	4.8	10
48	Asymmetric Defluoroallylation of 4-Trifluoromethylpyridines Enabled by Umpolung C-F Bond Activation**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	29
49	Synthesis of 5-Fluoro-dihydroindolizines from Pyrrole-2-acetic Acids and Trifluoromethyl Alkenes via Dual C-F Bond Cleavage in a CF ₃ Group. <i>Journal of Organic Chemistry</i> , 2022, 87, 4801-4812.	1.7	19
50	Asymmetric Defluoroallylation of 4-Trifluoromethylpyridines Enabled by Umpolung C-F Bond Activation**. <i>Angewandte Chemie</i> , 0, , .	1.6	8
51	Deconstructive Insertion of Oximes into Coumarins: Modular Synthesis of Dihydrobenzofuran-Fused Pyridones. <i>Organic Letters</i> , 2022, 24, 2282-2287.	2.4	5
52	TMSCF ₂ Br-Enabled Fluorination-Enabled Aminocarbonylation of Aldehydes: Modular Access to $\hat{\sigma}$ -Fluoroamides. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	6
53	TMSCF ₂ Br-Enabled Fluorination-Enabled Aminocarbonylation of Aldehydes: Modular Access to $\hat{\sigma}$ -Fluoroamides. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	27
54	Deconstructive Cycloaromatization Strategy toward <i>N</i> , <i>O</i> -Bidentate Ligands from Indolizines and Cyclopropanones. <i>Organic Letters</i> , 2022, 24, 3238-3243.	2.4	12

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55	Application of the Spin-Center Shift in Organic Synthesis. <i>Jacs Au</i> , 2022, 2, 1032-1042.	3.6	29
56	State of knowledge in photoredox-catalysed direct difluoromethylation. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3598-3623.	2.3	39
57	Difluoromethylarylation of Alkynes from [Bis(difluoroacetoxy)iodo]benzene: Access to CF ₂ H-Containing Dibenzazepines. <i>Journal of Organic Chemistry</i> , 2022, 87, 7551-7556.	1.7	13
58	Palladium-Catalyzed Regioselective [5 + 1] Annulation of Vinyl Aziridines/Epoxydes with ClCF ₂ COONa. <i>Organic Letters</i> , 2022, 24, 4630-4634.	2.4	11
59	Etherification of Fluoroarenes with Alkoxyboronic Acid Pinacol Esters via C-F Bond Cleavage. <i>Organic Letters</i> , 2022, 24, 5084-5089.	2.4	4
60	Synthesis of aryldifluoromethyl aryl ethers via nickel-catalyzed suzuki cross-coupling between aryloxydifluoromethyl bromides and boronic acids. <i>Communications Chemistry</i> , 2022, 5, .	2.0	2
61	Defluorinative Carboimination of Trifluoromethyl Ketones. <i>ACS Catalysis</i> , 2022, 12, 8802-8810.	5.5	23
62	Copper-Catalyzed Radical Difluoromethylation-Peroxidation of Alkenes: Synthesis of <i>gem</i> -Difluoromethyl Peroxides. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	1.3	3
63	Four-component defluorinative reaction of allylic fluorides, amidines, and Cs ₂ CO ₃ under transition-metal-free conditions. <i>Green Chemistry</i> , 2022, 24, 6816-6822.	4.6	8
64	Carbodefluorination of fluoroalkyl ketones via a carbene-initiated rearrangement strategy. <i>Nature Communications</i> , 2022, 13, .	5.8	22
65	Enantioselective Copper-Catalyzed <i>sp</i> ² / <i>sp</i> ³ Diborylation of 1-Chloro-1-Trifluoromethylalkenes. <i>ACS Central Science</i> , 2022, 8, 1134-1144.	5.3	17
66	AlCl ₃ -Mediated CHF ₂ Transfer and Cyclocondensation of Difluoromethoxy Functionalized <i>ortho</i> -Phenylenediamines to Access N-Substituted Benzimidazoles. <i>Organic Letters</i> , 2022, 24, 6142-6147.	2.4	2
67	Catalytic Diversification of <i>gem</i> -Difluorocyclopropanes: Recent Advances and Challenges. <i>ChemCatChem</i> , 2022, 14, .	1.8	28
68	Photoinduced Three-Component Cyclization of Arylamines, Enaminones and Difluorobromoacetates to 2,3-Difunctionalized Quinolines. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 3539-3543.	2.1	11
69	Palladium-catalyzed intramolecular Heck dearomative <i>gem</i> -difluorovinylolation of indoles. <i>Chemical Science</i> , 2022, 13, 11594-11599.	3.7	12
70	Palladium-catalyzed difluoroalkylative carbonylation of styrenes toward difluoropentanedioates. <i>Chemical Science</i> , 2022, 13, 9387-9391.	3.7	12
71	Synthesis of 10 <i>H</i> -indolo[1,2- <i>a</i>]indol-10-ones <i>via</i> palladium-catalyzed C-H bond activation and difluorocarbene transfer. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 8120-8124.	1.5	10
72	Unsymmetric monothiooxalamides from S8, bromodifluoro reagents and anilines: Synthesis and applications. , 2022, 3, 100026.		1

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73	Synthesis of Five-Membered Ring Systems Bearing <i>gem</i> -Difluoroalkenyl and Monofluoroalkenyl Substituents via Radical β -Bromo Fragmentation. <i>ACS Catalysis</i> , 2022, 12, 11934-11941.	5.5	9
74	Transition-Metal-Free, Site-Selective C-F Arylation of Polyfluoroarenes via Electrophotocatalysis. <i>Journal of the American Chemical Society</i> , 2022, 144, 17261-17268.	6.6	26
75	Selective Transformations of Aromatic Trifluoromethyl Groups through the Activation of Hydrosilanes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2022, 80, 898-910.	0.0	0
76	Deaminative Arylation and Alkenylation of Aliphatic Tertiary Amines with Aryl and Alkenylboronic Acids via Nitrogen Ylides. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	9
77	Cu-Catalyzed Three-Component Cascade Synthesis of 1,3-Benzothiazines from <i>ortho</i> -Aminohydrazones and Bromodifluoroacetamides. <i>Organic Letters</i> , 2022, 24, 7861-7865.	2.4	5
78	Difluorocarbene-derived rapid late-stage trifluoromethylation of 5-iodotriazoles for the synthesis of ^{18}F -labeled radiotracers. <i>Chinese Chemical Letters</i> , 2023, 34, 107960.	4.8	5
79	Deaminative Arylation or Alkenylation of Aliphatic Tertiary Amines with Aryl or Alkenylboronic Acids via Nitrogen Ylides. <i>Angewandte Chemie</i> , 0, , .	1.6	0
80	Iron-catalysed reductive coupling for the synthesis of polyfluorinated compounds. <i>Chemical Communications</i> , 2022, 58, 13915-13918.	2.2	6
81	Visible-light-initiated external photocatalyst-free synthesis of β,β -difluoro- β -ketoamides from 4-aminocoumarins. <i>Organic and Biomolecular Chemistry</i> , 0, , .	1.5	2
82	Photocatalytic annulative trifluoromethyletherification of 1,6-enynes for accessing 1-indanones. <i>Tetrahedron Letters</i> , 2023, 114, 154290.	0.7	1
83	Preparation and Functionalization of Mono- and Polyfluoroepoxides via Fluoroalkylation of Carbonyl Electrophiles. <i>Chemistry - A European Journal</i> , 2023, 29, .	1.7	2
84	Organoboron Reagent-Controlled Selective (Deutero)Hydrodefluorination. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	23
85	Lewis Base-Boryl Radicals Enabled Borylation Reactions and Selective Activation of Carbon-Heteroatom Bonds. <i>Accounts of Chemical Research</i> , 2023, 56, 169-186.	7.6	29
86	Organoboron Reagent-Controlled Selective (Deutero)Hydrodefluorination. <i>Angewandte Chemie</i> , 0, , .	1.6	0
87	Difluorocarbene-Triggered Acyl Rearrangement Reaction: A Strategy for the Direct Introduction of the <i>gem</i> -Difluoromethylene Group. <i>Organic Letters</i> , 2023, 25, 99-103.	2.4	3
88	Catalytic and Chemodivergent Synthesis of 1-Substituted 9-H-Pyrrolo[1,2- <i>a</i>]indoles via Annulation of β -CF ₃ Enones with 3-Substituted Indoles. <i>Journal of Organic Chemistry</i> , 2023, 88, 230-244.	1.7	2
89	Mechanochemical Defluorinative Arylation of Trifluoroacetamides: An Entry to Aromatic Amides. <i>Journal of Organic Chemistry</i> , 2023, 88, 863-870.	1.7	3
90	A Traceless Heterocyclic Amine Mediator in Regioselectivity-Switchable Formal [1 + 2 + 2] Cycloaddition Reaction to 1,3,4- and 1,4,5-Trisubstituted Pyrazoles. <i>Organic Letters</i> , 2023, 25, 512-516.	2.4	36

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91	Defluorophosphorylation of fluoroalkyl peroxides for the synthesis of highly substituted furans. <i>Green Chemistry</i> , 2023, 25, 2000-2010.	4.6	6
92	Decarboxylative arylation with diaryliodonium salts: alternative approach for catalyst-free difluoroenolate coupling to aryl difluoromethyl ketones. <i>Green Chemistry</i> , 2023, 25, 1790-1796.	4.6	2
93	Defluorinative Transformation of (2,2,2-Trifluoroethyl)arenes Catalyzed by the Phosphazene Base <i>t</i> -Bu-P2. <i>Journal of Organic Chemistry</i> , 2023, 88, 1796-1802.	1.7	1
94	TBHP-promoted multicomponent reaction to access 2-aminobenzoxazinones using sodium chlorodifluoroacetate as the C1 synthon. <i>Organic Chemistry Frontiers</i> , 2023, 10, 1988-1993.	2.3	1
95	Difluorocarbene enabled ester insertion/1,4-acyl rearrangement of 2-acetoxy pyridines: Modular access to gem-difluoromethylenated 2-pyridones. <i>Tetrahedron Letters</i> , 2023, 119, 154413.	0.7	3
96	Copper-Catalyzed Radical Addition of Alkynols to Synthesize Difluoroheterocyclic Compounds. <i>Organic Letters</i> , 2023, 25, 2733-2738.	2.4	5
97	Modular assembly of versatile tetrasubstituted alkenyl monohalides from alkynyl tetracoordinate borons. <i>CheM</i> , 2023, 9, 1164-1181.	5.8	7
98	Unconventional Transformations of Difluorocarbene with Amines and Ethers. <i>Accounts of Chemical Research</i> , 2023, 56, 592-607.	7.6	31
99	Câ€F Transformations of Benzotrifluorides by the Activation of <i>Ortho</i> -Hydrosilyl Group. <i>Chemical Record</i> , 2023, 23, .	2.9	6
100	Rational Design to Activate Tetrafluoromethane by Two-Coordinate Borinium. <i>Inorganic Chemistry</i> , 2023, 62, 3518-3524.	1.9	0
101	Synthesis of Fluoroalkylated Pyrrolidines through Neat Reaction of Fluoroalkyl Iodides with <i>N,N</i> -Diallylamines. <i>Advanced Synthesis and Catalysis</i> , 2023, 365, 3063-3068.	2.1	2
102	Difluorocarbene-Enabled Synthesis of 3-Substituted-2-oxindoles from <i>ortho</i> -Vinylanilines. <i>Chinese Journal of Organic Chemistry</i> , 2023, 43, 1146.	0.6	0
103	Synthesis of Fluorenones and Xanthenes through Intramolecular Câ€F Arylation. <i>Bulletin of the Chemical Society of Japan</i> , 2023, 96, 401-405.	2.0	1
104	Modular synthesis of fluorinated 2-H-thiophenes via [4 + 1] cyclization of enaminothiones. <i>Organic and Biomolecular Chemistry</i> , 2023, 21, 3345-3349.	1.5	2
105	Chemoâ€ Stereoâ€ and Regioselective Fluoroallylation/Annulation of Hydrazones with gem-Difluorocyclopropanes via Tunable Palladium/NHC Catalysis. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	7.2	17
106	Chemoâ€ Stereoâ€ and Regioselective Fluoroallylation/Annulation of Hydrazones with gem-Difluorocyclopropanes via Tunable Palladium/NHC Catalysis. <i>Angewandte Chemie</i> , 0, , .	1.6	2
107	Photoinduced Cascade Difluoroalkylative Ring-Opening of Vinyl Cyclopropanes. <i>Organic Letters</i> , 2023, 25, 2857-2862.	2.4	7
110	Triple <i>ipso</i> -defluoroetherification of (trifluoromethyl)alkenes with fluoroalkylated alcohols: access to fluoroalkylated orthoesters via C(sp ³)â€F bond cleavage. <i>Chemical Communications</i> , 2023, 59, 8238-8241.	2.2	1

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114	Transition-metal-catalyzed asymmetric defluorinative reactions. <i>Organic Chemistry Frontiers</i> , 2023, 10, 3909-3928.	2.3	3
117	Cascade C-H Activation and Defluorinative Annulation of 2-Arylbenzimidazoles with $\hat{\text{I}}^{\pm}$ -Trifluoromethyl- $\hat{\text{I}}^{\pm}$ -diazoketones: Modular Assembly of 6-Fluorobenzimidazo[2,1- <i>a</i>]isoquinolines. <i>Organic Letters</i> , 2023, 25, 4770-4775.	2.4	1
136	Synthesis of <i>N</i> -substituted phthalimides <i>via</i> Pd-catalyzed [4+1] cycloaddition reaction. <i>Chemical Communications</i> , 2023, 59, 14839-14842.	2.2	2
145	A review of frustrated Lewis pair enabled monoselective C-F bond activation. <i>Chemical Science</i> , 2024, 15, 2712-2724.	3.7	1
150	Recent advances in <i>N</i> -heterocyclic carbene (NHC)-catalyzed fluorination and fluoroalkylation. <i>Organic Chemistry Frontiers</i> , 2024, 11, 2112-2133.	2.3	1