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- 324 Synergistic Catalysis between a Dipeptide Phosphonium Salt and a Metal-Based Lewis Acid for Asymmetric Synthesis of N-Bridged [3.2.1] Ring Systems. 0
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- 304 Regioselective Alkylpolyfluoroarylation of Styrenes by Copper-Catalyzed C(sp³) and C(sp²) Double Activation. 1
- 303 Direct synthesis of trifluoroethylated benzofurans from silver-catalyzed annulation of trifluoromethyl propynols with phenols. **2022**, 132929 0
- 302 Engineering site-selective incorporation of fluorine into polyketides. 3
- 301 Visible light-induced perfluoroalkylative carbonylation of unactivated alkenes. **2022**, 413, 214-220 1
- 300 General Method for the Amination of Aryl Halides with Primary and Secondary Alkyl Amines via Nickel Photocatalysis. 2
- 299 CHAPTER 3. Perfluoroalkyl Compounds for Industrial and Other Applications. **2022**, 66-112
- 298 Synthesis of 4-trifluoromethyl-2H-chromenes via the reaction of 2-(trifluoroacetyl)phenols with vinyltriphenylphosphonium chloride. 3
- 297 Electrosynthetic C-F bond cleavage. 3

296	Copper-catalyzed direct monofluoroalkenylation of C(sp ³) _H bonds via decarboxylation of β -fluoroacrylic acids. 2022 , 9, 4712-4718	4
295	DMSO-Promoted Difluoroalkylation of Organophosphonium Salts with Difluoroenol Silyl Ethers. 2022 , 24, 5557-5561	0
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291	Metabolite Identification of HIV-1 Capsid Modulators PF74 and 11L in Human Liver Microsomes. 2022 , 12, 752	0
290	Dearomative Aminocarbonylation of Arenes via Bifunctional Coordination to Chromium.	
289	Synthesis of Hydrofluoroolefin-Based Iodonium Reagent via Dyotropic Rearrangement and Its Utilization in Fluoroalkylation.	1
288	Visible-Light-Induced Photocatalytic Trifluoromethylation of Bunte Salts: Easy Access to Trifluoromethylthiolated Synthons. 2022 , 87, 11112-11120	1
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286	Synthesis of Hydrofluoroolefin-Based Iodonium Reagent via Dyotropic Rearrangement and Its Utilization in Fluoroalkylation.	
285	Light-Driven Hydrodefluorination of Electron-Rich Aryl Fluorides by an Anionic Rhodium-Gallium Photoredox Catalyst.	
284	Enantioselective Cobalt-Catalyzed Hydroboration of Fluoroalkyl-Substituted Alkenes to Access Chiral Fluoroalkylboronates. 2022 , 144, 15333-15338	2
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282	Catalytic and Stereoselective Transformations with Easily Accessible and Purchasable Allyl and Alkenyl Fluorides.	1
281	Dearomative Aminocarbonylation of Arenes via Bifunctional Coordination to Chromium.	2
280	Radical hydrodifluoromethylation of unsaturated C=C bonds via an electroreductively triggered two-pronged approach. 2022 , 5,	0
279	Catalytic Diversification of gem-Difluorocyclopropanes: Recent Advances and Challenges.	3

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- 275 Palladium-Catalyzed Enantioselective Cyclization of 1,6-Enynes via Intramolecular Chlorine Transfer. 1
- 274 Electrophilic Reagents for the Direct Incorporation of Uncommon SCF₂CF₂H and SCF₂CF₃ Motifs. **2022**, 87, 10791-10806 0
- 273 Design and Synthesis of Fluoro-containing Hypervalent Iodane (III) Reagents for Visible-light-triggered Cyclization of Alkynoates to 3-Fluoroalkylated Coumarins.
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- 271 Modular Access to 2-(Trifluoromethyl)pyrazolo[1,5-a]pyridines and Their Benzo Analogues through a Copper(I)-Catalyzed Radical Annulation. 0
- 270 Recent Developments in Nucleophilic Fluorination with Potassium Fluoride (KF): A Review.
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- 258 Copper-Catalyzed Aryl Selenylation of 2-Bromodifluoromethylbenzo-1,3-Thi(X)Azoles with Diaryl Diselenides. ○
- 257 Organocatalytic diastereo- and enantioselective conjugate addition of pyrazol-3-ones to 3-trifluoroethylidene oxindoles with a newly developed squaramide catalyst. **2022**, 12, 27012-27021 ○
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- 255 Fluorine in metal-catalyzed asymmetric transformations: the lightest halogen causing a massive effect. **2022**, 13, 10985-11008 ○
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- 253 Impact of perfluoroalkyl substitution of proline on the proteolytic stability of its peptide derivatives. ○
- 252 A photoinduced transient activating strategy for late-stage chemoselective C(sp³) trifluoromethylation of azines. **2022**, 13, 11312-11319 2
- 251 Facial Access to 2,2-Difluoro-2,3-dihydrofuran Skeleton without Extra Additive: DMF-Promoted Difluorocarbene Formation of ClCF₂CO₂Na. ○
- 250 Synthesis of difluoromethyl carbinols from the Friedel-Crafts reaction of electron-rich arenes with difluorovinyl arylsulfonates. 2
- 249 A three-component difunctionalization of N-alkenyl amides via organophotoredox radical-polar crossover. **2022**, 58, 9556-9559 2
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- 247 Regioselective and late-stage polyfluoroarylation of arenes with diverse fluoroaryl nucleophiles via Pd-catalysis. ○
- 246 Synthesis of 2-arylethenesulfonyl fluorides and isoindolinones: Ru-catalyzed C-H activation of nitrones with ethenesulfonyl fluoride. **2022**, 58, 11099-11102 ○
- 245 One-pot synthesis of tri- and di-fluoromethylated bis(indolyl)methanols via Friedel-Crafts-type acylation and alkylation. **2022**, 20, 7491-7498 ○
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- 237 Synthesis of Fluoroalkyl Cyclopentenes: Highly Diastereoselective Phosphine-Catalyzed [3+2] Annulation of Fluoroalkylvinyl Arylsulfones with Morita-Baylis-Hillman Carbonates. **2022**, 7, 1
- 236 Rhodium-Catalyzed C?H Halogenation. 1-25 0
- 235 Ni-Catalyzed Site-Selective Hydrofluoroalkylation of Terminal and Internal Olefins. **2022**, 12, 12132-12137 1
- 234 Zinc-Catalyzed [4+2] Annulation of 2-Aminoarylnitriles with Ynamides: An Easy Access to Polysubstituted Quinolines. 0
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- 231 3,3-Difluoroallyl Sulfonium Salts: Practical and Bench-Stable Reagents for Highly Regioselective gem -Difluoroallylations. 0
- 230 3,3-Difluoroallyl Sulfonium Salts: Practical and Bench-Stable Reagents for Highly Regioselective gem -Difluoroallylations. 1
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- 228 Photoredox-Catalyzed Deoxygenation of Hexafluoroacetone Hydrate Enables Hydroxypolyfluoroalkylation of Alkenes. 3
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- 225 Diastereoselective synthesis of α,β -disubstituted α -hydroxy β -difluoro- γ -butyrolactones. **2022**, 261-262, 110028 0

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211	Direct Synthesis of Oxaspirolactones in Batch, Photoflow, and Silica Gel-Supported Solvent-free Conditions via Visible-Light Photo- and Heterogeneous Brønsted Acid Relay Catalysis.	0
210	Regioselective synthesis of 3-trifluoromethyl 1,2,4-triazoles via photocycloaddition of sydnone with CF ₃ CN. 2022 , 58, 12224-12227	1
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206	Substrate-controlled product divergence in the reaction of α -fluoro β -ketoamides with arynes.	0
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203	Copper-Catalyzed Three-Component Aminofluorination of Alkenes and 1,3-Dienes: Direct Entry to Diverse α -Fluoroalkylamines.	1
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195	Photoinduced Promiscuity of Cyclohexanone Monooxygenase for the Enantioselective Synthesis of α -Fluoroketones.	0
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- 188 Regioselective Synthesis of 5-Trifluoromethyl 1,2,4-Triazoles via [3 + 2]-Cycloaddition of Nitrile Imines with CF₃CN. **2022**, 27, 6568 1
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- 184 Bifunctional 1,8-Diazabicyclo[5.4.0]undec-7-ene for Visible Light-Induced Heck-Type Perfluoroalkylation of Alkenes. 0
- 183 KHMDS/Triglyme Cryptate as an Alternative to Phosphazene Base in Stereodivergent Pentafluoroethylation of N-Sulfinylimines Using HFC-125. 0
- 182 Synthesis of Difluoromethyl Pyrazolines and Pyrazoles by [3+2] Cycloaddition Reaction of Difluoroacetohydrazonoyl Bromides with Electron-deficient Olefins. 0
- 181 Synthesis of Trifluoromethylated 4H-Pyran and 4H-Thiopyran via Divergent Reaction of CF₃-1,3-Enynes with Ketothioamides. 0
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- 178 Synthesis of Remote Fluoroalkenyl Ketones by Photo-induced Ring-opening Addition of Cyclic Alkoxy Radicals to Fluorinated Alkenes. 1
- 177 Copper-Catalyzed Enantioselective Fluoroalkenylation of Cyclic Imino Esters. 0
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- 173 Lewis Acid-Catalyzed Ring-Opening Cross-Coupling Reaction of gem-Difluorinated Cyclopropanes Enabled by C-H Bond Activation. 0
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- 156 Cobalt-electrocatalytic C≡C hydroxyalkylation of N-heteroarenes with trifluoromethyl ketones. **2022**, 14, 143-148 0
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- 145 Rh(III)-Catalyzed annulative aldehydic C-H functionalization for accessing ring-fluorinated benzo[b]azepin-5-ones. **2022**, 108014 0
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- 125 Organoboron Reagent-Controlled Selective (Deutero)Hydrodefluorination. 0
- 124 Facile Entry to Pharmaceutically Important 3-Difluoromethyl-quinoxalin-2-ones Enabled by Visible-Light-Driven Difluoromethylation of Quinoxalin-2-ones. **2022**, 15, 1552 0
- 123 Visible-Light-Induced Difluoroalkylation of Alkenes and Alkynes with Fluoro-Containing Hypervalent Iodane (III) Reagents Under Photo-Catalyst-Free Conditions. 1
- 122 Leveraging Fluorine (Stereo-electronic) Effects in Catalysis. 1-42 0
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- 120 Rhodium(III)-Catalyzed Conjugate Addition of β -CF₃-Enones with Quinoline N-Oxides. 0
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- 116 A highly efficient metal-free selective 1,4-addition of difluoroenoxy silanes to chromones. ○
- 115 Direct Deprotonative Functionalization of β -Difluoromethyl Ketones using a Catalytic Organosuperbase. ○
- 114 Direct Deprotonative Functionalization of β -Difluoromethyl Ketones using a Catalytic Organosuperbase. ○
- 113 Trifluoromethylated 4,5-Dihydro-1,2,4-triazin-6(1H)-ones via (3+3)-Annulation of Nitrile Imines with β -Amino Esters. **2023**, 16, 856 ○
- 112 Enantioselective protonation of monofluorinated silyl enol ethers by cooperative cation-binding catalysis. ○
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- 109 The $B(C_6F_5)_3 \cdot H_2O$ Promoted Synthesis of Fluoroalkylated 3,3'-Bis(trisindolyl)methanes from Fluorocarboxylic Acids and Indoles. ○
- 108 Horner-Wadsworth-Emmons reaction as an excellent tool in the synthesis of fluoro-containing biologically important compounds. ○
- 107 Copper-Catalyzed Hydroamination of gem-Difluoroalkenes Access to Diversified β -Difluoromethyl Amines. ○
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- 105 Highly Enantioselective Construction of Multifunctional Silicon-Stereogenic Silacycles by Asymmetric Enamine Catalysis. ○
- 104 Fluorinated Imines in Tandem and Cycloaddition Reactions. ○
- 103 A Practical and Robust Zwitterionic Cooperative Lewis Acid / Acetate / Benzimidazolium Catalyst for Direct 1,4-Additions. ○
- 102 Unlocking geminal fluorohaloalkanes in nucleophilic fluoroalkylation chemistry: generation and trapping of lithium fluorocarbenoids enabled by flow microreactors. ○
- 101 Design, synthesis, spectroscopic characterizations, single crystal X-ray analysis, in vitro xanthine oxidase and acetylcholinesterase inhibitory evaluation as well as in silico evaluation of selenium-based N-heterocyclic carbene compounds. 1-20 ○
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