# Wei Zhang

List of Publications by Year
in descending order



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|---|---|---|---|
| 167 papers | 8,619 citations | 44069 48 h-index | 54911 84 g-index |
| 194 all docs | 194 docs citations | 194 times ranked | 5978 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Selective difluoromethylation and monofluoromethylation reactions. Chemical Communications, 2009, , 7465. | 4.1 | 585 |
| 2 | Free radical-mediated ring expansion and related annulations. Chemical Reviews, 1993, 93, 2091-2115. | 47.7 | 377 |
| 3 | Synthetic applications of fluorous solid-phase extraction (F-SPE). Tetrahedron, 2006, 62, 11837-11865. | 1.9 | 327 |
| 4 | Fluorous technologies for solution-phase high-throughput organic synthesis. Tetrahedron, 2003, 59, 4475-4489. | 1.9 | 224 |
| 5 | Fluorous Synthesis of Heterocyclic Systems. Chemical Reviews, 2004, 104, 2531-2556. | 47.7 | 224 |
| 6 | Discovery of Zanubrutinib (BGB-3111), a Novel, Potent, and Selective Covalent Inhibitor of Brutonâ€™s Tyrosine Kinase. Journal of Medicinal Chemistry, 2019, 62, 7923-7940. | 6.4 | 210 |
| 7 | Consecutive multicomponent reactions for the synthesis of complex molecules. Organic and Biomolecular Chemistry, 2019, 17, 7632-7650. | 2.8 | 203 |
| 8 | N-Tosyl-S-difluoromethyl-S-phenylsulfoximine: A New Difluoromethylation Reagent for S-, N-, and C-Nucleophiles. Organic Letters, 2009, 11, 2109-2112. | 4.6 | 199 |
| 9 | Fluorous Linker-Facilitated Chemical Synthesis. Chemical Reviews, 2009, 109, 749-795. | 47.7 | 166 |
| 10 | Direct Trifluoromethylthiolation and Perfluoroalkylthiolation of C(sp<sup>2</sup>)ï£¿H Bonds with CF<sub>3</sub>SO<sub>2</sub>Na and R<sub>f</sub>SO<sub>2</sub>Na. Angewandte Chemie - International Edition, 2015, 54, 14965-14969. | 13.8 | 164 |
| 11 | Iron-Catalyzed Difluoromethylation of Arylzincs with Difluoromethyl 2-Pyridyl Sulfone. Journal of the American Chemical Society, 2018, 140, 880-883. | 13.7 | 155 |
| 12 | Recent advances in sulfur- and phosphorous-centered radical reactions for the formation of Sâ€“C and Pâ€“C bonds. Tetrahedron, 2015, 71, 7481-7529. | 1.9 | 152 |
| 13 | Solution-Phase Preparation of a 560-Compound Library of Individual Pure Mappicine Analogues by Fluorous Mixture Synthesis. Journal of the American Chemical Society, 2002, 124, 10443-10450. | 13.7 | 140 |
| 14 | Manganese(iii)-mediated direct phosphonation of arylalkenes and arylalkynes. Chemical Communications, 2010, 46, 1721. | 4.1 | 139 |
| 15 | Manganese(III) Acetate Promoted Regioselective Phosphonation of Heteroaryl Compounds. Organic Letters, 2006, 8, 5291-5293. | 4.6 | 129 |
| 16 | Gallium(III) triflate-catalyzed synthesis of quinoxaline derivatives. Tetrahedron Letters, 2008, 49, 7386-7390. | 1.4 | 129 |
| 17 | A Highly Efficient Microwave-Assisted Suzuki Coupling Reaction of Aryl Perfluorooctylsulfonates with Boronic Acids. Organic Letters, 2004, 6, 1473-1476. | 4.6 | 108 |
| 18 | Green chemistry aspects of fluorous techniquesâ€”opportunities and challenges for small-scale organic synthesis. Green Chemistry, 2009, 11, 911. | 9.0 | 105 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Comprehensive Survey of Chemical Libraries for Drug Discovery and Chemical Biology: 2007. ACS Combinatorial Science, 2008, 10, 753-802. | 3.3 | 98 |
| 20 | Intramolecular free radical conjugate additions. Tetrahedron, 2001, 57, 7237-7262. | 1.9 | 95 |
| 21 | Ga(OTf)3-promoted condensation reactions for 1,5-benzodiazepines and 1,5-benzothiazepines. Tetrahedron Letters, 2008, 49, 5302-5308. | 1.4 | 91 |
| 22 | New chemical and biological applications of fluorous technologies. Chemical Communications, 2008, , 5686. | 4.1 | 85 |
| 23 | Comprehensive Survey of Chemical Libraries for Drug Discovery and Chemical Biology: 2009. ACS Combinatorial Science, 2010, 12, 765-806. | 3.3 | 83 |
| 24 | Comprehensive Survey of Chemical Libraries for Drug Discovery and Chemical Biology: 2008. ACS Combinatorial Science, 2009, 11, 739-790. | 3.3 | 80 |
| 25 | Biased Multicomponent Reactions to Develop Novel Bromodomain Inhibitors. Journal of Medicinal Chemistry, 2014, 57, 9019-9027. | 6.4 | 80 |
| 26 | A recyclable fluorous organocatalyst for Dielsâ€“Alder reactions. Tetrahedron Letters, 2006, 47, 9287-9290. | 1.4 | 79 |
| 27 | Use of Cyclohexylisocyanide and Methyl 2-Isocyanoacetate as Convertible Isocyanides for Microwave-Assisted Fluorous Synthesis of 1,4-Benzodiazepine-2,5-dione Library. ACS Combinatorial Science, 2010, 12, 206-214. | 3.3 | 79 |
| 28 | Fluorine-containing pharmaceuticals approved by the FDA in 2020: Synthesis and biological activity. Chinese Chemical Letters, 2021, 32, 3342-3354. | 9.0 | 79 |
| 29 | Comprehensive Survey of Chemical Libraries for Drug Discovery and Chemical Biology: 2006. ACS Combinatorial Science, 2007, 9, 855-902. | 3.3 | 78 |
| 30 | Manganese(iii)-mediated phosphinoyl radical reactions for stereoselective synthesis of phosphinoylated tetrahydronaphthalenes. Chemical Communications, 2011, 47, 7875. | 4.1 | 78 |
| 31 | Fluorocarbon stationary phases for liquid chromatography applications. Journal of Fluorine Chemistry, 2008, 129, 910-919. | 1.7 | 74 |
| 32 | Manganese(III)-mediated direct phosphonylation of arenes. Tetrahedron Letters, 2010, 51, 2639-2643. | 1.4 | 72 |
| 33 | One-Pot Reactions for Modular Synthesis of Polysubstituted and Fused Pyridines. Organic Letters, 2016, 18, 5640-5643. | 4.6 | 71 |
| 34 | Synthesis of Phosphonylated and Thiolated Indenones by Manganese(III)â€Mediated Addition of Phosphorusâ€•and Sulfurâ€Centered Radicals to 1,3â€Diarylpropynones. European Journal of Organic Chemistry, 2011, 2011, 3412-3415. | 2.4 | 70 |
| 35 | Difunctionalization of Alkenes and Alkynes via Intermolecular Radical and Nucleophilic Additions. Molecules, 2021, 26, 105. | 3.8 | 70 |
| 36 | Fluorine-containing drugs approved by the FDA in 2021. Chinese Chemical Letters, 2023, 34, 107578. | 9.0 | 67 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Highly efficient microwave-assisted fluorous Ugi and post-condensation reactions for benzimidazoles and quinoxalinones. Tetrahedron Letters, 2004, 45, 6757-6760. | 1.4 | 66 |
| 38 | Microwave-assisted Synthesis of a 3-Aminoimidazo[1,2-a]-pyridine/pyrazine Library by Fluorous Multicomponent Reactions and Subsequent Cross-coupling Reactions. QSAR and Combinatorial Science, 2004, 23, 827-835. | 1.4 | 65 |
| 39 | Manganese(III)-Mediated Selective Diphenylphosphinoyl Radical Reaction of 1,4-Diaryl-1-butynes for the Synthesis of 2-Phosphinoylated 3,4-Dihydronaphathalenes. Journal of Organic Chemistry, 2014, 79, 1850-1855. | 3.2 | 64 |
| 40 | Phosphinoyl Radical Initiated Vicinal Cyanophosphinoylation of Alkenes. Organic Letters, 2017, 19, 5537-5540. | 4.6 | 62 |
| 41 | Synthesis and Applications of a Light-Fluorous Glycosyl Donor. Journal of Organic Chemistry, 2009, 74, 2594-2597. | 3.2 | 61 |
| 42 | Metalâ€Free Difluoromethylthiolation, Trifluoromethylthiolation, and Perfluoroalkylthiolation with Sodium Difluoromethaneâ€•sulfinate, Sodium Trifluoromethanesulfinate or Sodium Perfluoroâ€• alkanesulfinate. Advanced Synthesis and Catalysis, 2017, 359, 2471-2480. | 4.3 | 60 |
| 43 | Synthesis of Fluorous and Nonfluorous Polycyclic Systems by One-Pot, Double Intramolecular 1,3-Dipolar Cycloaddition of Azomethine Ylides. Organic Letters, 2005, 7, 2269-2272. | 4.6 | 59 |
| 44 | Fluorous Synthesis of Hydantoins and Thiohydantoins. Organic Letters, 2003, 5, 2555-2558. | 4.6 | 56 |
| 45 | Manganese(III)-promoted reactions for formation of carbonâ€“heteroatom bonds. Molecular Diversity, 2009, 13, 421-438. | 3.9 | 56 |
| 46 | Use of fluorous silica gel to separate fluorous thiol quenching derivatives in solution-phase parallel synthesis. Tetrahedron, 2002, 58, 3871-3875. | 1.9 | 54 |
| 47 | Fluorous Mixture Synthesis of Two Libraries with Hydantoin-, and Benzodiazepinedione-Fused Heterocyclic Scaffolds. ACS Combinatorial Science, 2006, 8, 687-695. | 3.3 | 54 |
| 48 | Fluoroalkylsulfonyl Chlorides Promoted Vicinal Chloro-fluoroalkylthiolation of Alkenes and Alkynes. Organic Letters, 2018, 20, 2236-2240. | 4.6 | 53 |
| 49 | A pot-economical and diastereoselective synthesis involving catalyst-free click reaction for fused-triazolobenzodiazepines. Green Chemistry, 2016, 18, 2642-2646. | 9.0 | 52 |
| 50 | Free radical ring expansion of fused cyclobutanones: a new ring expansion annulation stratagem. Journal of the American Chemical Society, 1991, 113, 9875-9876. | 13.7 | 51 |
| 51 | Fluorous Synthesis of Hydantoin-, Piperazinedione-, and Benzodiazepinedione-Fused Tricyclic and Tetracyclic Ring Systems. European Journal of Organic Chemistry, 2006, 2006, 2055-2059. | 2.4 | 51 |
| 52 | One-Pot Synthesis of 3,5-Disubstituted and Polysubstituted Phenols from Acyclic Precursors. Organic Letters, 2015, 17, 1090-1093. | 4.6 | 49 |
| 53 | A traceless perfluorooctylsulfonyl tag for deoxygenation of phenols under microwave irradiation. Tetrahedron Letters, 2004, 45, 4611-4613. | 1.4 | 48 |
| 54 | Fluorous synthesis of biaryl-substituted proline analogs by 1,3-dipolar cycloaddition and Suzuki coupling reactions. Tetrahedron Letters, 2005, 46, 1807-1810. | 1.4 | 48 |

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|---|---|---|---|
| 55 | Fluorous Synthesis of Disubstituted Pyrimidines. Organic Letters, 2003, 5, 1011-1013. | 4.6 | 47 |
| 56 | 1,3-Dipolar Cycloaddition-based Synthesis of Diverse Heterocyclic Scaffolds. Chemistry Letters, 2013, 42, 676-681. | 1.3 | 47 |
| 57 | Trifluoromethanesulfinyl Chloride for Electrophilic Trifluoromethythiolation and Bifunctional Chlorotrifluoromethythiolation. Chemistry - A European Journal, 2018, 24, 18749-18756. | 3.3 | 47 |
| 58 | Phosphinoyl Radical-Initiated Î±,Î²-Aminophosphinoylation of Alkenes. Organic Letters, 2017, 19, 4704-4706. | 4.6 | 46 |
| 59 | Structure-Guided Design and Development of Potent and Selective Dual Bromodomain 4 (BRD4)/Polo-like Kinase 1 (PLK1) Inhibitors. Journal of Medicinal Chemistry, 2018, 61, 7785-7795. | 6.4 | 46 |
| 60 | One-pot double [3 + 2] cycloaddition for diastereoselective synthesis of tetracyclic pyrrolidine compounds. Green Chemistry, 2012, 14, 3010. | 9.0 | 45 |
| 61 | Manganese(III) Acetate Mediated Free-Radical Phosphonylation of Flavones and Coumarins. Synthesis, 2012, 44, 1043-1050. | 2.3 | 44 |
| 62 | Combination of microwave reactions with fluorous separations in the palladium-catalyzed synthesis of aryl sulfides. Molecular Diversity, 2003, 7, 199-202. | 3.9 | 43 |
| 63 | Ga(ClO4)3-catalyzed synthesis of quinoxalines by cycloaddition of Î±-hydroxyketones and o-phenylenediamines. Tetrahedron Letters, 2012, 53, 2508-2510. | 1.4 | 43 |
| 64 | Free-radical ring expansion of fused cyclobutanones: stereospecific construction of 5,7-, 6,7-, 7,7-, 8,7-, and 5,8-cis-fused bicyclic systems. Journal of Organic Chemistry, 1992, 57, 7163-7171. | 3.2 | 39 |
| 65 | Organocatalytic One-Pot Asymmetric Synthesis of Thiolated Spiro-Î³-lactam Oxindoles Bearing Three Stereocenters. Journal of Organic Chemistry, 2016, 81, 5362-5369. | 3.2 | 39 |
| 66 | Unusual cyclopropane formation following free radical ring expansion. Tetrahedron Letters, 1992, 33, 7307-7310. | 1.4 | 38 |
| 67 | Microwave-Assisted Fluorous Synthesis of 2-Aryl-Substituted 4-Thiazolidinone and 4-Thiazinanone Libraries. ACS Combinatorial Science, 2008, 10, 303-312. | 3.3 | 38 |
| 68 | Microwave-Assisted Fluorous Synthesis of a 1,4-Benzodiazepine-2,5-dione Library. ACS Combinatorial Science, 2009, 11, 1083-1093. | 3.3 | 38 |
| 69 | Recyclable Organocatalystâ€Promoted Oneâ€Pot Asymmetric Synthesis of Spirooxindoles Bearing Multiple Stereogenic Centers. Advanced Synthesis and Catalysis, 2015, 357, 3820-3824. | 4.3 | 38 |
| 70 | Fluorous synthesis of sclerotigenin-type benzodiazepineâ€“quinazolinones. Tetrahedron Letters, 2007, 48, 563-565. | 1.4 | 37 |
| 71 | One-pot and catalyst-free synthesis of pyrroloquinolinediones and quinolinedicarboxylates. Green Chemistry, 2017, 19, 3851-3855. | 9.0 | 37 |
| 72 | Cascade Knoevenagel and aza-Wittig reactions for the synthesis of substituted quinolines and quinolin-4-ols. Green Chemistry, 2019, 21, 349-354. | 9.0 | 37 |

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|---|---|---|---|
| 73 | Plate-to-Plate Fluorous Solid-Phase Extraction for Solution-Phase Parallel Synthesis. ACS Combinatorial Science, 2005, 7, 893-897. | 3.3 | 36 |
| 74 | One-Pot Synthesis of Polycyclic Spirooxindoles via Montmorillonite K10-Catalyzed Câ€“H Functionalization of Cyclic Amines. ACS Sustainable Chemistry and Engineering, 2018, 6, 5574-5579. | 6.7 | 36 |
| 75 | FluoMar, a Fluorous Version of the Marshall Resin for Solution-Phase Library Synthesis. Organic Letters, 2003, 5, 1015-1017. | 4.6 | 35 |
| 76 | Fluorous-Enhanced Multicomponent Reactions for Making Drug-Like Library Scaffolds. Combinatorial Chemistry and High Throughput Screening, 2007, 10, 219-229. | 1.1 | 35 |
| 77 | Metal-free radical Câ€“H methylation of pyrimidinones and pyridinones with dicumyl peroxide. Green Chemistry, 2017, 19, 919-923. | 9.0 | 35 |
| 78 | Fluorous mixture synthesis (FMS) of enantiomers, diastereomers, and compound libraries. Arkivoc, 2004, 2004, 101-109. | 0.5 | 33 |
| 79 | A new free radical-based method for the synthesis of spiroannulated medium rings. Tetrahedron Letters, 1992, 33, 3285-3288. | 1.4 | 32 |
| 80 | Gallium(III) triflate-catalyzed [4+2+1] cycloadditions for the synthesis of novel 3,4-disubstituted-1,5-benzodiazepines. Tetrahedron Letters, 2010, 51, 471-474. | 1.4 | 32 |
| 81 | Phosphinoyl Radical-Initiated 1,2-Bifunctional Thiocyanodiphenylphosphinoylation of Alkenes. Journal of Organic Chemistry, 2018, 83, 2418-2424. | 3.2 | 32 |
| 82 | Intramolecular [2 + 2] cycloaddition and sequential ring expansion. Tetrahedron Letters, 1995, 36, 2729-2732. | 1.4 | 31 |
| 83 | Palladium-catalyzed Buchwaldâ€“Hartwig type amination of fluorous arylsulfonates. Journal of Fluorine Chemistry, 2006, 127, 588-591. | 1.7 | 31 |
| 84 | Pot, Atom, and Step Economy (PASE) Synthesis. Springer Briefs in Molecular Science, 2019, , . | 0.1 | 31 |
| 85 | Fluorous Parallel Synthesis of a Piperazinedione-Fused Tricyclic Compound Library. ACS Combinatorial Science, 2009, 11, 452-459. | 3.3 | 30 |
| 86 | Sequential (3 + 2) cycloaddition and (5 + n) annulation for modular synthesis of dihydrobenzoxazines, tetrahydrobenzoxazepines and tetrahydrobenzoxazocines. Green Chemistry, 2018, 20, 3134-3139. | 9.0 | 30 |
| 87 | Dehydroxylative Trifluoromethylthiolation, Trifluoromethylation, and Difluoromethylation of Alcohols. Chinese Journal of Chemistry, 2020, 38, 169-172. | 4.9 | 30 |
| 88 | Automation of Fluorous Solid-Phase Extraction for Parallel Synthesis. ACS Combinatorial Science, 2006, 8, 890-896. | 3.3 | 29 |
| 89 | One-pot fluorination and asymmetric Michael addition promoted by recyclable fluorous organocatalysts. RSC Advances, 2013, 3, 18267. | 3.6 | 29 |
| 90 | 2,2â€Difluoroâ€1,3â€diketones as gemâ€Difluoroenolate Precusors for Asymmetric Aldol Addition with Nâ€Benzylisatins. Advanced Synthesis and Catalysis, 2016, 358, 2811-2816. | 4.3 | 29 |

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|---|---|---|---|
| 91 | Recyclable cinchona alkaloid catalyzed asymmetric Michael addition reaction. Tetrahedron Letters, 2013, 54, 6064-6066. | 1.4 | 28 |
| 92 | Recyclable gallium(III) triflate-catalyzed [4+3] cycloaddition for synthesis of 2,4-disubstituted-3H-benzo[b][1,4]diazepines. Tetrahedron Letters, 2013, 54, 6178-6180. | 1.4 | 27 |
| 93 | 96-Well Plate-to-Plate Gravity Fluorous Solid-Phase Extraction (F-SPE) for Solution-Phase Library Purification. ACS Combinatorial Science, 2007, 9, 836-843. | 3.3 | 26 |
| 94 | Leveraging kinase inhibitors to develop small molecule tools for imaging kinases by fluorescence microscopy. Molecular BioSystems, 2012, 8, 2523. | 2.9 | 25 |
| 95 | Solution-Phase Parallel Synthesis of an N-Alkylated Dihydropteridinone Library from Fluorous Amino Acids. ACS Combinatorial Science, 2004, 6, 942-949. | 3.3 | 24 |
| 96 | Recyclable fluorous cinchona alkaloid ester as a chiral promoter for asymmetric fluorination of Î²-ketoesters. Beilstein Journal of Organic Chemistry, 2012, 8, 1233-1240. | 2.2 | 24 |
| 97 | Sequential [3 + 2] and [4 + 2] Cycloadditions for Stereoselective Synthesis of a Novel Polyheterocyclic Scaffold. ACS Combinatorial Science, 2013, 15, 350-355. | 3.8 | 24 |
| 98 | One-Pot Double [3 + 2] Cycloadditions for Diastereoselective Synthesis of Pyrrolidine-Based Polycyclic Systems. Journal of Organic Chemistry, 2018, 83, 13536-13542. | 3.2 | 24 |
| 99 | One-pot synthesis of tetrahydro-pyrrolobenzodiazepines and tetrahydro-pyrrolobenzodiazepinones through sequential 1,3-dipolar cycloaddition/N-alkylation (N-acylation)/Staudinger/aza-Wittig reactions. Green Chemistry, 2019, 21, 4489-4494. | 9.0 | 24 |
| 100 | Tailor-made amino acid-derived pharmaceuticals approved by the FDA in 2019. Amino Acids, 2020, 52, 1227-1261. | 2.7 | 24 |
| 101 | Fluorous diastereomeric mixture synthesis (FDMS) of hydantoin-fused hexahydrochromeno[4,3-b]pyrroles. Chemical Communications, 2010, 46, 7578. | 4.1 | 23 |
| 102 | One-pot fluorination followed by Michael addition or Robinson annulation for preparation of Î±-fluorinated carbonyl compounds. Green Chemistry, 2012, 14, 3185. | 9.0 | 23 |
| 103 | Regioselective synthesis of N-acetylureas by manganese(III) acetate reaction of 1,3-disubstituted thioureas. Tetrahedron Letters, 2006, 47, 2323-2325. | 1.4 | 22 |
| 104 | Solvent- and catalyst-free synthesis of 2,3-dihydro-1H-benzo[d]imidazoles. Green Chemistry, 2011, 13, 594. | 9.0 | 21 |
| 105 | Stereoselective synthesis of fused tetrahydroquinazolines through one-pot double [3 + 2] dipolar cycloadditions followed by [5 + 1] annulation. Beilstein Journal of Organic Chemistry, 2016, 12, 2204-2210. | 2.2 | 21 |
| 106 | Double 1,3-Dipolar Cycloadditions of Two Nonstabilized Azomethine Ylides for Polycyclic Pyrrolidines. Organic Letters, 2019, 21, 2176-2179. | 4.6 | 21 |
| 107 | Fluorous reagents and scavengers versus solid-supported reagents and scavengers, a reaction rate and kinetic comparison. Molecular Diversity, 2005, 9, 353-359. | 3.9 | 20 |
| 108 | Small-Molecule Dual PLK1 and BRD4 Inhibitors are Active Against Preclinical Models of Pediatric Solid Tumors. Translational Oncology, 2020, 13, 221-232. | 3.7 | 20 |

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|---|---|---|---|
| 109 | Synthesis of diverse dihydropyrimidine-related scaffolds by fluorous benzaldehyde-based Biginelli reaction and post-condensation modifications. Beilstein Journal of Organic Chemistry, 2011, 7, 1294-1298. | 2.2 | 19 |
| 110 | Sequential decarboxylative [3+2] cycloaddition and Staudinger/aza-Wittig reactions for diastereoselective synthesis of tetrahydro-pyrroloquinazolines and tetrahedro-pyrrolobenzodiazepines. Tetrahedron Letters, 2020, 61, 151392. | 1.4 | 19 |
| 111 | Synthesis of tetrahydropyrrolothiazoles through one-pot and four-component N,S-acetalation and decarboxylative [3+2] cycloaddition. Green Synthesis and Catalysis, 2021, 2, 74-77. | 6.8 | 19 |
| 112 | Fluorous and Traceless Synthesis of Substituted Indole Alkaloids. ACS Combinatorial Science, 2007, 9, 951-958. | 3.3 | 18 |
| 113 | Synthesis and uses of fluorous and highly fluorinated macrocyclic and spherical molecules. Journal of Fluorine Chemistry, 2014, 157, 84-105. | 1.7 | 18 |
| 114 | PASE synthesis of pyrrolidine-containing heterocycles through [3+2] cycloaddition-initiated reactions. Current Opinion in Green and Sustainable Chemistry, 2018, 11, 65-69. | 5.9 | 18 |
| 115 | One-Pot Synthesis of Triazolobenzodiazepines Through Decarboxylative [3 + 2] Cycloaddition of Nonstabilized Azomethine Ylides and Cu-Free Click Reactions. Molecules, 2019, 24, 601. | 3.8 | 18 |
| 116 | Recent Developments on Five-Component Reactions. Molecules, 2021, 26, 1986. | 3.8 | 18 |
| 117 | Assessment of Bromodomain Target Engagement by a Series of BI2536 Analogues with Miniaturized BET-BRET. ChemMedChem, 2016, 11, 2575-2581. | 3.2 | 17 |
| 118 | Recyclable Organocatalysts for a Oneâ€Pot Asymmetric Synthesis of 2â€Fluorocyclohexanols Bearing Six Contiguous Stereocenters. Advanced Synthesis and Catalysis, 2017, 359, 1919-1926. | 4.3 | 17 |
| 119 | Microwave-assisted synthesis of a 3-aminoimidazo[1,2-a]-pyridine/pyrazine library by fluorous multicomponent reactions and subsequent cross-coupling reactions. QSAR and Combinatorial Science, 2004, 23, 827-835. | 1.4 | 17 |
| 120 | Fluorescent Visualization of Src by Using Dasatinibâ€BODIPY. ChemBioChem, 2014, 15, 1317-1324. | 2.6 | 16 |
| 121 | Recyclable organocatalyst-promoted one-pot Michael/aza-Henry/lactamization reactions for fluorinated 2-piperidinones bearing four stereogenic centres. RSC Advances, 2015, 5, 71071-71075. | 3.6 | 16 |
| 122 | Radical Difunctionalization of Alkenes with Iododifluoromethyl Ketones Under Niâ€Catalysis. ChemCatChem, 2019, 11, 5778-5782. | 3.7 | 16 |
| 123 | Inhibition of Polo-like kinase 1 (PLK1) facilitates the elimination of HIV-1 viral reservoirs in CD4 <sup>+</sup> T cells ex vivo. Science Advances, 2020, 6, eaba1941. | 10.3 | 16 |
| 124 | Fluorous Synthesis of Substituted Sclerotigenin Library. ACS Combinatorial Science, 2010, 12, 125-128. | 3.3 | 15 |
| 125 | Development of Dimethylisoxazole-Attached Imidazo[1,2-a]pyridines as Potent and Selective CBP/P300 Inhibitors. Journal of Medicinal Chemistry, 2021, 64, 5787-5801. | 6.4 | 15 |
| 126 | Microwave-Assisted Fluorous Multicomponent Reactions â€“ A Combinatorial Chemistry Approach for Green Organic Synthesis. Current Organic Synthesis, 2011, 8, 295-309. | 1.3 | 15 |

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|---|---|---|---|
| 127 | Fluorous tagging strategy for solution-phase synthesis of small molecules, peptides and oligosaccharides. Current Opinion in Drug Discovery & Development, 2004, 7, 784-97. | 1.9 | 15 |
| 128 | Fluorous Lewis acids and phase transfer catalysts. Molecular Diversity, 2009, 13, 209-239. | 3.9 | 14 |
| 129 | Magnetic nanoparticle-supported organocatalysis. Green Processing and Synthesis, 2013, 2, 603-609. | 3.4 | 14 |
| 130 | One-pot synthesis of dihydroquinazolinethione-based polycyclic system. Tetrahedron Letters, 2018, 59, 3845-3847. | 1.4 | 14 |
| 131 | [3 + 2] Cycloaddition and Cascade Radical Reactions for the Synthesis of Trifluoromethylated Tetrahydrobenzodiazepin-3-ones. Journal of Organic Chemistry, 2019, 84, 5927-5935. | 3.2 | 14 |
| 132 | Oneâ€Pot Mannich, Azaâ€Wittig and Dehydrofluorinative Aromatization Reactions for Direct Synthesis of 2,3â€Disubstituted 4â€Aminoquinolines. Advanced Synthesis and Catalysis, 2020, 362, 5513-5517. | 4.3 | 14 |
| 133 | Fluorous benzaldehyde-based synthesis of biaryl-substituted oxazabicyclo[3.3.1]nonanes. Green Chemistry, 2011, 13, 847. | 9.0 | 13 |
| 134 | [3+2] Cycloaddition-based one-pot synthesis of 3,9-diazabicyclo[4.2.1]nonane-containing scaffold. Chemistry of Heterocyclic Compounds, 2017, 53, 468-473. | 1.2 | 13 |
| 135 | Discovery and Development of Cyclobutanone-Based Free Radical Ring Expansion and Annulation Reactions. Current Organic Chemistry, 2002, 6, 1015-1029. | 1.6 | 13 |
| 136 | Two Ligands Transfer from Ag to Pd: En Route to (SIPr)Pd(CF<sub>2</sub>H)(X) and Its Application in One-Pot Câ€“H Borylation/Difluoromethylation. Journal of Organic Chemistry, 2020, 85, 3596-3604. | 3.2 | 12 |
| 137 | Difluoromethylation of Alkyl Bromides and Iodides with TMSCF<sub>2</sub>H. Journal of Organic Chemistry, 2021, 86, 2854-2865. | 3.2 | 12 |
| 138 | One-pot fluorination and Mannich reactions of 1,3-dicarbonyl compounds. Tetrahedron Letters, 2015, 56, 1998-2000. | 1.4 | 11 |
| 139 | Synthesis of trifluoromethylated pyrrolidines via decarboxylative [3+2] cycloaddition of non-stabilized N -unsubstituted azomethine ylides. Journal of Fluorine Chemistry, 2017, 204, 18-22. | 1.7 | 11 |
| 140 | Recyclable Organocatalyst for Oneâ€Pot Asymmetric Synthesis of Dihydrofuranone and Tetrahydropyranone Spirooxindoles. European Journal of Organic Chemistry, 2019, 2019, 150-155. | 2.4 | 11 |
| 141 | Ga(DS)3-catalysed double hydroarylation of acetylenic esters with indoles for the synthesis of bisindolyl propanoates. Tetrahedron Letters, 2015, 56, 3996-3998. | 1.4 | 10 |
| 142 | Free radical ring expansion and chain extension of 1,3-diketones. Tetrahedron Letters, 2005, 46, 4727-4729. | 1.4 | 9 |
| 143 | Fluorous Organocatalysis. Topics in Current Chemistry, 2011, 308, 175-190. | 4.0 | 9 |
| 144 | Synthesis of pyrrolidinedione-fused hexahydropyrrolo[2,1-a]isoquinolines via three-component [3 + 2] cycloaddition followed by one-pot N-allylation and intramolecular Heck reactions. Beilstein Journal of Organic Chemistry, 2020, 16, 1225-1233. | 2.2 | 9 |

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|---|---|---|---|
| 145 | Recent progress on fluorous synthesis of biologically interesting compounds. Molecular Diversity, 2014, 18, 203-218. | 3.9 | 8 |
| 146 | Advanced dress-up chiral columns: New removable chiral stationary phases for enantioseparation of chiral carboxylic acids. Analytica Chimica Acta, 2015, 882, 101-111. | 5.4 | 8 |
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