## Xavier Pannecoucke

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Synthetic Modifications of the Linkage Region of Proteoglycans and Impact on CSGalNAcTâ€1. European Journal of Organic Chemistry, 2022, 2022, .	2.4	0
2	Stereospecific Synthesis of Glycoside Mimics Through Migitaâ€Kosugiâ€Stille Crossâ€Coupling Reactions of Chemically and Configurationally Stable 1―C â€Tributylstannyl Iminosugars. Advanced Synthesis and Catalysis, 2021, 363, 470-483.	4.3	8
3	Design and Use of Electrophilic Thiocyanating and Selenocyanating Reagents: An Interesting Trend for the Construction of SCN―and SeCNâ€Containing Compounds. Chemistry - A European Journal, 2021, 27, 6145-6160.	3.3	42
4	Wonderful fusion of organofluorine chemistry and decarboxylation strategy. Chemical Society Reviews, 2021, 50, 6094-6151.	38.1	64
5	Access to Trisubstituted Fluoroalkenes by Rutheniumâ€Catalyzed Crossâ€Metathesis. Advanced Synthesis and Catalysis, 2021, 363, 2140-2147.	4.3	13
6	Copperâ€Photocatalyzed Hydroboration of Alkynes and Alkenes. Angewandte Chemie - International Edition, 2021, 60, 14498-14503.	13.8	60
7	Copperâ€Photocatalyzed Hydroboration of Alkynes and Alkenes. Angewandte Chemie, 2021, 133, 14619-14624.	2.0	13
8	Copperâ€Photocatalyzed Hydrosilylation of Alkynes and Alkenes under Continuous Flow. Chemistry - A European Journal, 2021, 27, 11818-11822.	3.3	36
9	Palladiumâ€Catalysed Oxidative Decarboxylative Crossâ€Coupling of Heteroarenes with CF 3 â€Acrylic Acids. ChemistrySelect, 2021, 6, 7367-7371.	1.5	1
10	Metal-Catalyzed Metathesis of Fluorinated Alkenes: Still a Current Major Challenge. ACS Catalysis, 2021, 11, 12307-12323.	11.2	7
11	Hydrogenation of fluorinated molecules: an overview. Chemical Society Reviews, 2021, 50, 8178-8192.	38.1	32
12	<i>S</i> â€(Diethyl phosphonodifluoromethyl)Benzenesulfonothioate: A New Reagent for the Synthesis of SCF <sub>2</sub> PO(OEt) <sub>2</sub> â€containing Molecules. Advanced Synthesis and Catalysis, 2020, 362, 760-764.	4.3	16
13	Pd-Catalyzed Selective Chlorination of Acrylamides at Room Temperature. Organic Letters, 2020, 22, 7556-7561.	4.6	10
14	Pd atalyzed Directed Thiocyanation Reaction by Câ^'H Bond Activation. Chemistry - A European Journal, 2020, 26, 15497-15500.	3.3	16
15	Stereoselective Synthesis of Terminal Monofluoroalkenes from Trifluoromethylated Alkenes. Organic Letters, 2020, 22, 4858-4863.	4.6	30
16	Synthesis of fluorocyclopropanes via the enantioselective cyclopropanation of fluoro-substituted allylic alcohols using zinc carbenoids. Canadian Journal of Chemistry, 2020, 98, 516-523.	1.1	5
17	Recent advances in photocatalyzed reactions using well-defined copper(I) complexes. Beilstein Journal of Organic Chemistry, 2020, 16, 451-481.	2.2	58
18	Ligand-free palladium-catalyzed Mizoroki-Heck reaction to synthesize valuable α-trifluoromethylacrylates. Journal of Fluorine Chemistry, 2020, 233, 109483.	1.7	5

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19	Access to Isothiazolones from Simple Acrylamides by Pd-Catalyzed C–H Bond Activation. Journal of Organic Chemistry, 2019, 84, 13194-13202.	3.2	21
20	Copperâ€Catalyzed Enantioselective Formation of Câ^'CF <sub>3</sub> Centers from βâ€CF <sub>3</sub> â€Substituted Acrylates and Acrylonitriles. Chemistry - A European Journal, 2019, 25, 15262-15266.	3.3	17
21	Catalytic Asymmetric Synthesis of α,α-Difluoromethylated and α-Fluoromethylated Tertiary Alcohols. Organic Letters, 2019, 21, 7509-7513.	4.6	11
22	Use of ArSO <sub>2</sub> SR <sub>f</sub> reagents: an efficient tool for the introduction of SR <sub>f</sub> moieties. Organic and Biomolecular Chemistry, 2019, 17, 1683-1693.	2.8	61
23	Rhodium catalysed enantioselective synthesis of mono-(halo)-methyl-cyclopropanes. Organic and Biomolecular Chemistry, 2019, 17, 472-476.	2.8	13
24	Recent Advances for the Direct Introduction of the CF2Me Moiety. Frontiers in Chemistry, 2019, 7, 111.	3.6	19
25	BiCl <sub>3</sub> -Mediated direct functionalization of unsaturated C–C bonds with an electrophilic SCF <sub>2</sub> PO(OEt) <sub>2</sub> reagent. Chemical Communications, 2019, 55, 8784-8787.	4.1	18
26	Catalytic Enantioselective Cyclopropanation of α-Fluoroacrylates: An Experimental and Theoretical Study. ACS Catalysis, 2019, 9, 2594-2598.	11.2	29
27	Copperâ€Photocatalyzed Borylation of Organic Halides under Batch and Continuousâ€Flow Conditions. Chemistry - A European Journal, 2019, 25, 3262-3266.	3.3	50
28	Synthesis of α-Trifluoromethylacrylates by Ligand-Free Palladium-Catalyzed Mizoroki-Heck Reaction. Journal of Organic Chemistry, 2019, 84, 2072-2082.	3.2	14
29	Continuous flow palladium-catalyzed trifluoromethylthiolation of C-H bonds. Journal of Flow Chemistry, 2019, 9, 9-12.	1.9	11
30	Catalytic Enantioselective Synthesis of Highly Functionalized Pentafluorosulfanylated Pyrrolidines. Chemistry - A European Journal, 2018, 24, 5644-5651.	3.3	18
31	An electrophilic reagent for the synthesis of OCHFMe-containing molecules. Chemical Communications, 2018, 54, 2491-2493.	4.1	15
32	Synthesis of αâ€Fluorinated Acrylates by a Palladiumâ€Catalyzed Decarboxylative Olefination Reaction. European Journal of Organic Chemistry, 2018, 2018, 3705-3715.	2.4	17
33	Synthesis of 4-Difluoromethylquinolines by NHC-Catalyzed Umpolung of Imines. Organic Letters, 2018, 20, 1086-1089.	4.6	53
34	Ring-closing metathesis of fluoroalkenes toward the synthesis of fluorinated heterocycles containing an oxaza bond. Comptes Rendus Chimie, 2018, 21, 740-748.	0.5	4
35	1-C-phosphonomethyl- and 1-C-difluorophosphonomethyl-1,4-imino-l-arabinitols as Galf transferase inhibitors: A comparison. Carbohydrate Research, 2018, 461, 45-50.	2.3	12
36	Pd atalyzed Trifluoromethylthiolation of Unsaturated Compounds: A General Approach. European Journal of Organic Chemistry, 2018, 2018, 6167-6175.	2.4	24

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37	General Catalytic Enantioselective Access to Monohalomethyl and Trifluoromethyl Cyclopropanes. Chemistry - A European Journal, 2018, 24, 10339-10343.	3.3	41
38	Trifluoromethylthiolation of αâ€Chloroaldehydes: Access to Quaternary SCF <sub>3</sub> â€Containing Centers. European Journal of Organic Chemistry, 2018, 2018, 3693-3696.	2.4	26
39	Palladium-catalyzed synthesis of 3-trifluoromethylated 1,3-dienes from acrylate derivatives and BTP. Tetrahedron, 2018, 74, 6033-6040.	1.9	9
40	N-Heterocyclic Carbene-Catalyzed Synthesis of α-Trifluoromethyl Esters. Organic Letters, 2018, 20, 3897-3901.	4.6	21
41	Transition metal-free stereospecific access to (E)-(1-fluoro-2-arylvinyl)phosphine borane complexes. Chemical Communications, 2017, 53, 2048-2051.	4.1	9
42	Tunable Approach for the Stereoselective Synthesis of 1-C-Diethylphosphono(difluoromethyl) Iminosugars as Glycosyl Phosphate Mimics. Journal of Organic Chemistry, 2017, 82, 2753-2763.	3.2	26
43	Copperâ€Mediated [(Diethylphosphono)difluoromethyl]thiolation of αâ€Bromo Ketones. European Journal of Organic Chemistry, 2017, 2017, 2475-2480.	2.4	19
44	Metalâ€Catalyzed Direct C–H Fluoroalkenylation of Pyridine <i>N</i> â€Oxides and Related Derivatives. European Journal of Organic Chemistry, 2017, 2017, 3049-3054.	2.4	14
45	<sup>18</sup> F-Fluoroform: a <sup>18</sup> F-trifluoromethylating agent for the synthesis of SCF <sub>2</sub> <sup>18</sup> F-aromatic derivatives. Chemical Communications, 2017, 53, 5706-5709.	4.1	43
46	Palladium-Catalyzed Synthesis of 3-Trifluoromethyl-Substituted 1,3-Butadienes by Means of Directed C–H Bond Functionalization. Organic Letters, 2017, 19, 2106-2109.	4.6	45
47	Stereoselective access to trisubstituted fluorinated alkenyl thioethers. Catalysis Science and Technology, 2017, 7, 1921-1927.	4.1	12
48	Copperâ€Mediated Introduction of the CF <sub>2</sub> PO(OEt) <sub>2</sub> Motif: Scope and Limitations. Chemistry - A European Journal, 2017, 23, 17318-17338.	3.3	43
49	Catalytic Enantioselective Synthesis of Highly Functionalized Difluoromethylated Cyclopropanes. Angewandte Chemie - International Edition, 2017, 56, 13319-13323.	13.8	58
50	Pd-Catalyzed Diastereoselective Trifluoromethylthiolation of Functionalized Acrylamides. Organic Letters, 2017, 19, 5106-5109.	4.6	47
51	Catalytic Enantioselective Synthesis of Highly Functionalized Difluoromethylated Cyclopropanes. Angewandte Chemie, 2017, 129, 13504-13508.	2.0	18
52	Recent Progress Toward the Synthesis of Trifluoromethyl―and Difluoromethyl‧ubstituted Cyclopropanes. Chemistry - A European Journal, 2017, 23, 4950-4961.	3.3	99
53	New Prospects toward the Synthesis of Difluoromethylated Phosphate Mimics. Chemistry - A European Journal, 2016, 22, 10284-10293.	3.3	57
54	Copper Saltâ€Controlled Divergent Reactivity of [Cu]CF <sub>2</sub> PO(OEt) <sub>2</sub> with αâ€Diazocarbonyl Derivatives. Angewandte Chemie, 2016, 128, 14347-14351.	2.0	19

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55	An Electrophilic Reagent for the Direct Introduction of the SCF <sub>2</sub> PO(OEt) <sub>2</sub> Group to Molecules. Angewandte Chemie, 2016, 128, 13688-13692.	2.0	17
56	Copper Saltâ€Controlled Divergent Reactivity of [Cu]CF <sub>2</sub> PO(OEt) <sub>2</sub> with αâ€Diazocarbonyl Derivatives. Angewandte Chemie - International Edition, 2016, 55, 14141-14145.	13.8	46
57	An Electrophilic Reagent for the Direct Introduction of the SCF <sub>2</sub> PO(OEt) <sub>2</sub> Group to Molecules. Angewandte Chemie - International Edition, 2016, 55, 13490-13494.	13.8	52
58	Palladium atalysed Synthesis of αâ€(Trifluoromethyl)styrenes by Means of Directed C–H Bond Functionalization. European Journal of Organic Chemistry, 2016, 2016, 76-82.	2.4	22
59	Synthesis and Applications of Fluorocyclopropanes. Synthesis, 2016, 48, 4060-4071.	2.3	43
60	Recent Advances in the Synthesis of SCF <sub>2</sub> H―and SCF <sub>2</sub> FG ontaining Molecules. Chemistry - A European Journal, 2016, 22, 16734-16749.	3.3	115
61	Pd atalyzed Directed Chlorination of Unactivated C(sp <sup>3</sup> )–H Bonds at Room Temperature. European Journal of Organic Chemistry, 2016, 2016, 3625-3630.	2.4	26
62	Access to Constrained Fluoropseudopeptides via Ring-Closing Metathesis of Fluoroalkenes. Organic Letters, 2016, 18, 3606-3609.	4.6	21
63	Catalytic Enantioselective Synthesis of Halocyclopropanes. Chemistry - A European Journal, 2016, 22, 6239-6242.	3.3	25
64	New entries toward the synthesis of OCF <sub>3</sub> -containing molecules. Organic Chemistry Frontiers, 2016, 3, 1004-1010.	4.5	152
65	Stereospecific Synthesis of Tri- and Tetrasubstituted α-Fluoroacrylates by Mizoroki–Heck Reaction. Organic Letters, 2016, 18, 540-543.	4.6	46
66	Oxidative trifluoromethylthiolation and thiocyanation of amines: a general approach to N–S bond formation. Organic Chemistry Frontiers, 2016, 3, 620-624.	4.5	35
67	Copper-catalyzed direct C–H fluoroalkenylation of heteroarenes. Organic and Biomolecular Chemistry, 2016, 14, 353-357.	2.8	15
68	Synthesis and Reactivity of <i>N</i> â€ <i>tert</i> â€Butanesulfinyl Glycosylamines. European Journal of Organic Chemistry, 2015, 2015, 4330-4334.	2.4	17
69	Recent Progress toward the Introduction of Functionalized Difluoromethylated Building Blocks onto C(sp <sup>2</sup> ) and C(sp) Centers. Chemistry - A European Journal, 2015, 21, 12836-12865.	3.3	302
70	Copperâ€Mediated Synthesis of Aryldifluoromethylphosphonates: A Sandmeyer Approach. European Journal of Organic Chemistry, 2015, 2015, 3787-3792.	2.4	30
71	Copperâ€Mediated Formation of Aryl, Heteroaryl, Vinyl and Alkynyl Difluoromethylphosphonates: A General Approach to Fluorinated Phosphate Mimics. Angewandte Chemie - International Edition, 2015, 54, 13406-13410.	13.8	83
72	First efficient synthesis of SF <sub>5</sub> -substituted pyrrolidines using 1,3-dipolar cycloaddition of azomethine ylides with pentafluorosulfanyl-substituted acrylic esters and amides. RSC Advances, 2015, 5, 6864-6868.	3.6	31

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73	Toward the Synthesis of Fluorinated Analogues of HCV NS3/4A Serine Protease Inhibitors Using Methyl α-Amino-β-fluoro-β-vinylcyclopropanecarboxylate as Key Intermediate. Organic Letters, 2015, 17, 2968-2971.	4.6	16
74	Synthesis and studies on the mGluR agonist activity of FAP4 stereoisomers. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2523-2526.	2.2	8
75	Copperâ€Catalyzed Innate EthoxycarbonÂyldifluoromethylation of Electronâ€Rich ÂArenes. European Journal of Organic Chemistry, 2015, 2015, 1719-1726.	2.4	43
76	Direct Vicinal Difunctionalization of Alkynes: An Efficient Approach Towards the Synthesis of Highly Functionalized Fluorinated Alkenes. European Journal of Organic Chemistry, 2015, 2015, 2765-2789.	2.4	116
77	1,4-Addition of the CF3 group, perfluoroalkyl groups and functionalized difluoromethylated moieties: An overview. Journal of Fluorine Chemistry, 2015, 178, 225-240.	1.7	10
78	Rhodium-Catalyzed Cyclopropanation of Fluorinated Olefins: A Straightforward Route to Highly Functionalized Fluorocyclopropanes. Organic Letters, 2015, 17, 1790-1793.	4.6	34
79	Synthesis and immunological evaluation of fluorinated α-C-galactosylceramide analogs. Journal of Fluorine Chemistry, 2015, 173, 84-91.	1.7	5
80	Palladium(II)-Catalyzed Directed Trifluoromethylthiolation of Unactivated C(sp <sup>3</sup> )–H Bonds. Journal of Organic Chemistry, 2015, 80, 4204-4212.	3.2	105
81	The fluoroalkene motif as a surrogate of the amide bond: syntheses of AA-Î <sup>-</sup> [(Z) and (E)-CFCH]-Pro pseudodipeptides and an Enalapril analogue. Tetrahedron, 2015, 71, 7054-7062.	1.9	22
82	Synthesis of SF5-substituted isoxazolidines using 1,3-dipolar cycloaddition reactions of nitrones with pentafluorosulfanyl acrylic esters and amides. Tetrahedron, 2015, 71, 8067-8076.	1.9	29
83	1,4 Addition of unprotected pyrrole onto chiral acrylamides: toward synthesis of new polypeptidic architectures. Organic and Biomolecular Chemistry, 2015, 13, 1082-1090.	2.8	2
84	First synthesis of diethyl N-acetyl-glycosamine-1-difluoromethylphosphonate from 2-nitroglycals as phosphate analog. Journal of Fluorine Chemistry, 2015, 171, 56-59.	1.7	15
85	Studies of the New Reactivity of Chiral Acrylamides and Unprotected Pyrroles: Diastereoselective and Carbonyl Compatible 1,4-Addition. Synlett, 2014, 25, 1555-1560.	1.8	2
86	Copper-Mediated Direct Functionalization of Unsaturated C–C Bonds with Ethyl Bromo(difluoro)acetate: A Straightforward Access to Highly Valuable Difluoromethylated Alkenes. Synthesis, 2014, 46, 1859-1870.	2.3	54
87	Efficient access to fluorinated homoallylic alcohols through an indium promoted fluoroallylation reaction. Tetrahedron, 2014, 70, 3123-3133.	1.9	9
88	Stereoselective Access to βâ€ <i>C</i> â€Glycosamines by Nitroâ€Michael Addition of Organolithium Reagents. European Journal of Organic Chemistry, 2014, 2014, 3341-3345.	2.4	13
89	Indium-Promoted Diastereoselective Addition of Fluorinated Haloallylic Derivatives to Imines. Journal of Organic Chemistry, 2014, 79, 2916-2925.	3.2	17
90	Regio- and Diastereoselective Cu-Mediated Trifluoromethylation of Functionalized Alkenes. Journal of Organic Chemistry, 2014, 79, 413-418.	3.2	70

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91	Pd―and Cu atalyzed Stereo―and Regiocontrolled Decarboxylative/CH Fluoroalkenylation of Heteroarenes. Chemistry - A European Journal, 2014, 20, 15000-15004.	3.3	54
92	Recent Progress in Direct Introduction of Fluorinated Groups on Alkenes and Alkynes by means of CH Bond Functionalization. Chemistry - A European Journal, 2014, 20, 16830-16845.	3.3	229
93	Copper-Catalyzed Direct C-2 Difluoromethylation of Furans and Benzofurans: Access to C-2 CF <sub>2</sub> H Derivatives. Journal of Organic Chemistry, 2014, 79, 7205-7211.	3.2	89
94	A mild and efficient synthesis of new pentafluorosulfanyl-substituted electron-deficient alkenes and allylsilanes. Tetrahedron Letters, 2014, 55, 4833-4836.	1.4	13
95	Access to Difluoromethylated Alkynes through the Castro–Stephens Reaction. European Journal of Organic Chemistry, 2014, 2014, 7220-7225.	2.4	17
96	2â€Nitroglycals: Versatile Building Blocks for the Synthesis of 2â€Aminoglycosides. European Journal of Organic Chemistry, 2014, 2014, 7525-7546.	2.4	25
97	Three new monoterpene indole alkaloids from Psychotria umbellata Thonn Tetrahedron Letters, 2014, 55, 4798-4800.	1.4	15
98	Access to Fluorinated Lactams through Ring-Closing Metathesis of Reluctant Fluoroalkenes Promoted by Appropriate Substitution of a Double Bond. ACS Catalysis, 2014, 4, 2374-2378.	11.2	18
99	Copper-catalyzed olefinic C–H difluoroacetylation of enamides. Chemical Communications, 2014, 50, 5887-5890.	4.1	90
100	[ <sup>18</sup> F]CuCF <sub>3</sub> : A [ <sup>18</sup> F]Trifluoromethylating Agent for Arylboronic Acids and Aryl lodides. Chemistry - A European Journal, 2014, 20, 9514-9518.	3.3	62
101	Stereoselectivity of the Honda–Reformatsky Reaction in Reactions with Ethyl Bromodifluoroacetate with α-Oxygenated Sulfinylimines. Journal of Organic Chemistry, 2014, 79, 4186-4195.	3.2	28
102	Straightforward asymmetric synthesis of Ala-Î <sup>-</sup> [CFĩ€€H]-Pro, a proline-containing pseudodipeptide bearing a fluoroolefin as a peptide bond mimic. New Journal of Chemistry, 2013, 37, 1320-1325.	2.8	17
103	Fluorinated Pseudopeptide Analogues of the Neuropeptide 26RFa: Synthesis, Biological, and Structural Studies. ChemBioChem, 2013, 14, 1620-1633.	2.6	38
104	Synthesis of β-CF3 ketones from trifluoromethylated allylic alcohols by ruthenium catalyzed isomerization. Journal of Fluorine Chemistry, 2013, 152, 56-61.	1.7	29
105	A Straightforward and Highly Diastereoselective Access to Functionalized Monofluorinated Cyclopropanes <i>via</i> a Michael Initiated Ring Closure Reaction. Organic Letters, 2013, 15, 5598-5601.	4.6	41
106	Ethyl dibromofluoroacetate: a versatile reagent for the synthesis ofÂfluorinated molecules. Tetrahedron, 2013, 69, 11039-11055.	1.9	11
107	Synthesis of Fluorinated Cyclopropyl Amino Acid Analogues: Toward the Synthesis of Original Fluorinated Peptidomimetics Journal of Organic Chemistry, 2013, 78, 212-223.	3.2	30
108	Copper-Catalyzed Direct Arylation of Cyclic Enamides Using Diaryliodonium Salts. Organic Letters, 2013, 15, 278-281.	4.6	92

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109	Fluoro-C-glycosides and fluoro-carbasugars, hydrolytically stable and synthetically challenging glycomimetics. Chemical Society Reviews, 2013, 42, 4270-4283.	38.1	93
110	Palladium―and Copperâ€Catalyzed Stereocontrolled Direct CH Fluoroalkenylation of Heteroarenes using <i>gem</i> â€Bromofluoroalkenes. Angewandte Chemie - International Edition, 2013, 52, 3246-3249.	13.8	50
111	3,3-gem-Difluorinated-l²-lactams: synthesis pathways and applications. Tetrahedron, 2013, 69, 4015-4039.	1.9	18
112	A practical and straightforward access to fluorinated homoallylic alcohols in aqueous media. Tetrahedron Letters, 2013, 54, 2821-2824.	1.4	9
113	Diethylzincâ€Mediated Addition of 2,2â€Dibromoâ€2â€fluoroacetamides to Carbonyl Compounds: Synthesis of αâ€Bromoâ€Î±â€fluoroâ€Î²â€hydroxy Amides and/or ( <i>Z</i> )â€Fluorovinyl Amides. European Journal of Organi Chemistry, 2013, 2013, 3278-3289.	c2.4	13
114	Copper Catalyzed β-Difluoroacetylation of Dihydropyrans and Glycals by Means of Direct C–H Functionalization. Organic Letters, 2013, 15, 3428-3431.	4.6	121
115	Addition of Electrophilic Radicals to 2â€Benzyloxyglycals: Synthesis and Functionalization of Fluorinated αâ€ <i>C</i> â€Glycosides and Derivatives. Chemistry - A European Journal, 2013, 19, 12778-12787.	3.3	29
116	Rutheniumâ€Catalyzed Oneâ€Pot Tandem Isomerization–Transfer Hydrogenation Reactions of γâ€Trifluoromethylated Allylic Alcohols and βâ€Trifluoromethylated Enones. Advanced Synthesis and Catalysis, 2013, 355, 1394-1402.	4.3	25
117	Syntheses and Applications of Monofluorinated Cyclopropanes. Chemistry - A European Journal, 2012, 18, 14904-14917.	3.3	68
118	Indium-Promoted Reformatsky Reaction: A Straightforward Access to β-Amino and β-Hydroxy α,α-Difluoro Carbonyl Compounds. Journal of Organic Chemistry, 2012, 77, 9277-9285.	3.2	50
119	Synthetic efforts towards the synthesis of fluorinated C-glycosidic analogues of α-galactosylceramides. Comptes Rendus Chimie, 2012, 15, 57-67.	0.5	7
120	Asymmetric Synthesis of Cyclopropanes with a Monofluorinated Quaternary Stereocenter. Organic Letters, 2012, 14, 5130-5133.	4.6	26
121	One-Step Synthesis of Highly Functionalized Monofluorinated Cyclopropanes from Electron-Deficient Alkenes. Organic Letters, 2012, 14, 2270-2273.	4.6	34
122	Rutheniumâ€Catalyzed Redox Isomerization of Trifluoromethylated Allylic Alcohols: Mechanistic Evidence for an Enantiospecific Pathway. Angewandte Chemie - International Edition, 2012, 51, 6467-6470.	13.8	95
123	Synthesis of exo-methylenedifluorocyclopentanes as precursors of fluorinated carbasugars by 5-exo-dig radical cyclization. Journal of Fluorine Chemistry, 2012, 134, 172-179.	1.7	7
124	Synthesis of fluorinated pseudopeptides: metal mediated reversal of stereochemistry in diastereoselective addition of organometallic reagents to N-(tert-butanesulfinyl)-α-fluoroenimines. Organic and Biomolecular Chemistry, 2011, 9, 2378.	2.8	23
125	Straightforward Preparation of Functionalized α F <sub>2</sub> â€Galactosides through an Oxygen to Carbon Acyl Migration. Chemistry - A European Journal, 2011, 17, 5238-5241.	3.3	18
126	Fluorine & chirality: how to create a nonracemic stereogenic carbon–fluorine centre?. Chemical Society Reviews, 2010, 39, 558-568.	38.1	218

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127	Diastereocontrolled addition of organometallic reagents to S-chiral N-(tert-butanesulfinyl)-α-fluoroenimines. Tetrahedron Letters, 2009, 50, 264-266.	1.4	25
128	Synthesis of tetrasubstituted α-fluoroenones. Tetrahedron, 2009, 65, 6034-6038.	1.9	14
129	New synthesis and cyclopropanation of α-phenylselanyl α,β-unsaturated ketones with non-stabilized phosphorus ylides. Tetrahedron, 2008, 64, 9293-9304.	1.9	27
130	6-Azido d-galactose transfer to N-acetyl-d-glucosamine derivative using commercially available β-1,4-galactosyltransferase. Tetrahedron Letters, 2008, 49, 2294-2297.	1.4	10
131	Synthesis and oxidative rearrangement of selenenylated dihydropyrans. Organic and Biomolecular Chemistry, 2008, 6, 1260.	2.8	13
132	Synthesis of β-CF2-d-Mannopyranosides and β-CF2-d-Galactopyranosides by Reformatsky Addition onto 5-Ketohexoses. Synlett, 2007, 2007, 0123-0126.	1.8	2
133	Chiral dipeptide mimics possessing a fluoroolefin moiety: a relevant tool for conformational and medicinal studies. Organic and Biomolecular Chemistry, 2007, 5, 1151.	2.8	182
134	Diastereomeric Fluoroolefins as Peptide Bond Mimics Prepared by Asymmetric Reductive Amination of α-Fluoroenones. Angewandte Chemie - International Edition, 2007, 46, 1290-1292.	13.8	123
135	Selenylated dienes: synthesis, stereochemical studies by 77Se NMR, and transformation into functionalized allenes. Tetrahedron, 2007, 63, 3707-3717.	1.9	16
136	First enantioselective reductive amination of α-fluoroenones. Journal of Fluorine Chemistry, 2007, 128, 34-39.	1.7	18
137	First Stereospecific Synthesis of (E)- or (Z)-α-Fluoroenones via a Kinetically Controlled Negishi Coupling Reaction. Journal of Organic Chemistry, 2006, 71, 4316-4319.	3.2	53
138	New synthesis ofcis 5-tert-butyl-L-proline via cuprate. Evaluation as acis proline mimetic in a biological active octapeptide. Journal of Peptide Science, 2006, 12, 154-160.	1.4	6
139	Diastereoselective synthesis of aziridine esters via amino selanyl esters. Tetrahedron, 2006, 62, 2657-2670.	1.9	23
140	Efficient Synthesis of Fluoroalkenes via Diethylzinc-Promoted Wittig Reaction. Synthesis, 2006, 2006, 3409-3418.	2.3	4
141	α-Phenylselanyl imines: preparation of β-phenylselanyl amines and original synthesis of allylaziridines. Tetrahedron, 2005, 61, 447-456.	1.9	14
142	An Efficient Asymmetric Synthesis of 2-Substituted 1,4-Benzodiazepin-3-one as a Potential Molecular Scaffold. European Journal of Organic Chemistry, 2005, 2005, 1590-1596.	2.4	14
143	?-Phenylselanyl Imines: Preparation of ?-Phenylselanyl Amines and Original Synthesis of Allylaziridines ChemInform, 2005, 36, no.	0.0	0
144	?-Phenylselanyl Imines: Preparation of ?-Phenylselanyl Amines and Original Synthesis of Allylaziridines ChemInform, 2005, 36, no.	0.0	0

#	Article	IF	CITATIONS
145	A Novel Diastereoselective Synthesis of (Z)-Fluoroalkenes via a Nozaki—Hiyama—Kishi-Type Reaction ChemInform, 2005, 36, no.	0.0	Ο
146	An Efficient Asymmetric Synthesis of 2-Substituted 1,4-Benzodiazepin-3-one as a Potential Molecular Scaffold ChemInform, 2005, 36, no.	0.0	0
147	Asymmetric hydrogenation of enamides with a new chiral phosphine–phosphinite ligand. Tetrahedron: Asymmetry, 2005, 16, 2455-2458.	1.8	8
148	Addition of Ethyl Bromodifluoroacetate to Lactones: Reactivity and ÂStereoselectivity. Synlett, 2005, 2005, 2627-2630.	1.8	1
149	Regio- and Diastereoselective Synthesis of a Primary β-Azidoalcohol via Stereoselective Epoxidation of a Highly Functionalised di-o,o′-Substituted Styrene: Toward a New Total Synthesis of (-)-Quinocarcin. Synlett, 2005, 2005, 1853-1856.	1.8	1
150	A Novel Diastereoselective Synthesis of (Z)-Fluoroalkenes via a Nozakiâ^'Hiyamaâ^'Kishi-Type Reaction. Journal of Organic Chemistry, 2005, 70, 1911-1914.	3.2	35
151	Synthesis and Evaluation of a Broad Range of New Chiral (Aminoalkyl)phosphane Ligands for Asymmetric Hydrogen-Transfer Reduction of Prochiral Ketones ChemInform, 2004, 35, no.	0.0	Ο
152	A Facile and Mild Method for the Synthesis of Terminal Bromofluoroolefins via Diethylzinc-Promoted Wittig Reaction ChemInform, 2004, 35, no.	0.0	0
153	New Phenylselanyl Group Activation: Synthesis of Aziridines and Oxazolidin-2-ones ChemInform, 2004, 35, no.	0.0	Ο
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155	New phenylselanyl group activation: synthesis of aziridines and oxazolidin-2-onesElectronic Supplementary Information (ESI) available: experimental section. See http://www.rsc.org/suppdata/ob/b4/b406566m/. Organic and Biomolecular Chemistry, 2004, 2, 1575.	2.8	18
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160	Alternative Synthesis of α-Substituted β-Amidophosphines by [1,4]-Addition. A New Route to Chiral Ligands ChemInform, 2003, 34, no.	0.0	0
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163	Regio- and Enantioselective Alkylation of a N-Protected Pyrrolidin-3-one Using Enders' Chiral Hydrazone Method: A Key Step Towards a New Asymmetric Total Synthesis of (-)-Quinocarcin and Related Analogues. Synlett, 2002, 2002, 1669-1672.	1.8	0
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165	Synthesis of α-phenylselanyl and α-phenylsulfanyl nitriles from aldehyde N,N-dialkylhydrazones. Tetrahedron, 2002, 58, 3275-3279.	1.9	11
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168	Diastereoselective Alkylation of 2,3,4,6-Di-O-isopropylidene-2-keto-l-gulonic Amides. Application to the Asymmetric Synthesis of 1-Substituted-1,2,3,4-tetrahydroisoquinolines and 1-Substituted-1,2,3,4,-tetrahydro-β-carbolines. Journal of Organic Chemistry, 2001, 66, 8744-8750.	3.2	30
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170	Synthesis of new α- and β-gem-difluoromethylene C-glycosides in the galactose and glucose series. Tetrahedron Letters, 2001, 42, 5879-5882.	1.4	22
171	Synthesis of the three isomeric mono-2-, 3-, or 6-hydroxy permethylated β-cyclodextrins and unambiguous high field NMR characterisation. Tetrahedron: Asymmetry, 2001, 12, 81-88.	1.8	31
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181	Effect of oxysterol derivatives on the time course development of hepatocarcinoma in transgenic mice. Anticancer Research, 1993, 13, 1097-101.	1.1	8
182	Mass spectrometric studies of phosphodiesters linked to oxysterols and nucleosides, a family of biologically potent oxygenated sterols. Organic Mass Spectrometry, 1992, 27, 140-144.	1.3	2
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