

Xavier Pannecoucke

List of Publications by Year in descending order

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all docs

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docs citations

261
times ranked

4312
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic Modifications of the Linkage Region of Proteoglycans and Impact on CSGalNAcT4. European Journal of Organic Chemistry, 2022, 2022, .	1.2	0
2	Stereospecific Synthesis of Glycoside Mimics Through Migita-Kosugi-Stille Cross-Coupling Reactions of Chemically and Configurationally Stable 1-tributylstannyl Iminosugars. Advanced Synthesis and Catalysis, 2021, 363, 470-483.	2.1	8
3	Design and Use of Electrophilic Thiocyanating and Selenocyanating Reagents: An Interesting Trend for the Construction of SCN- and SeCN-Containing Compounds. Chemistry - A European Journal, 2021, 27, 6145-6160.	1.7	42
4	Wonderful fusion of organofluorine chemistry and decarboxylation strategy. Chemical Society Reviews, 2021, 50, 6094-6151.	18.7	64
5	Access to Trisubstituted Fluoroalkenes by Ruthenium-Catalyzed Cross-Metathesis. Advanced Synthesis and Catalysis, 2021, 363, 2140-2147.	2.1	13
6	Copper-Photocatalyzed Hydroboration of Alkynes and Alkenes. Angewandte Chemie - International Edition, 2021, 60, 14498-14503.	7.2	60
7	Copper-Photocatalyzed Hydroboration of Alkynes and Alkenes. Angewandte Chemie, 2021, 133, 14619-14624.	1.6	13
8	Copper-Photocatalyzed Hydrosilylation of Alkynes and Alkenes under Continuous Flow. Chemistry - A European Journal, 2021, 27, 11818-11822.	1.7	36
9	Palladium-Catalysed Oxidative Decarboxylative Cross-Coupling of Heteroarenes with CF ₃ -Acrylic Acids. ChemistrySelect, 2021, 6, 7367-7371.	0.7	1
10	Metal-Catalyzed Metathesis of Fluorinated Alkenes: Still a Current Major Challenge. ACS Catalysis, 2021, 11, 12307-12323.	5.5	7
11	Hydrogenation of fluorinated molecules: an overview. Chemical Society Reviews, 2021, 50, 8178-8192.	18.7	32
12	(Diethyl phosphonodifluoromethyl)Benzenesulfonothioate: A New Reagent for the Synthesis of SCF ₂ PO(OEt) ₂ -containing Molecules. Advanced Synthesis and Catalysis, 2020, 362, 760-764.	2.1	16
13	Pd-Catalyzed Selective Chlorination of Acrylamides at Room Temperature. Organic Letters, 2020, 22, 7556-7561.	2.4	10
14	Pd-Catalyzed Directed Thiocyanation Reaction by C-H Bond Activation. Chemistry - A European Journal, 2020, 26, 15497-15500.	1.7	16
15	Stereoselective Synthesis of Terminal Monofluoroalkenes from Trifluoromethylated Alkenes. Organic Letters, 2020, 22, 4858-4863.	2.4	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.	0.6	5
17	Recent advances in photocatalyzed reactions using well-defined copper(I) complexes. Beilstein Journal of Organic Chemistry, 2020, 16, 451-481.	1.3	58
18	Ligand-free palladium-catalyzed Mizoroki-Heck reaction to synthesize valuable α -trifluoromethylacrylates. Journal of Fluorine Chemistry, 2020, 233, 109483.	0.9	5

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19	Access to Isothiazolones from Simple Acrylamides by Pd-Catalyzed C-H Bond Activation. <i>Journal of Organic Chemistry</i> , 2019, 84, 13194-13202.	1.7	21
20	Copper-Catalyzed Enantioselective Formation of CF_3 Centers from CF_3 -Substituted Acrylates and Acrylonitriles. <i>Chemistry - A European Journal</i> , 2019, 25, 15262-15266.	1.7	17
21	Catalytic Asymmetric Synthesis of β , β -Difluoromethylated and β -Fluoromethylated Tertiary Alcohols. <i>Organic Letters</i> , 2019, 21, 7509-7513.	2.4	11
22	Use of $ArSO_2SR_f$ reagents: an efficient tool for the introduction of SR_f moieties. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1683-1693.	1.5	61
23	Rhodium catalysed enantioselective synthesis of mono-(halo)-methyl-cyclopropanes. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 472-476.	1.5	13
24	Recent Advances for the Direct Introduction of the CF_2Me Moiety. <i>Frontiers in Chemistry</i> , 2019, 7, 111.	1.8	19
25	$BiCl_3$ -Mediated direct functionalization of unsaturated C=C bonds with an electrophilic $SCF_2PO(OEt)_2$ reagent. <i>Chemical Communications</i> , 2019, 55, 8784-8787.	2.2	18
26	Catalytic Enantioselective Cyclopropanation of β -Fluoroacrylates: An Experimental and Theoretical Study. <i>ACS Catalysis</i> , 2019, 9, 2594-2598.	5.5	29
27	Copper-Photocatalyzed Borylation of Organic Halides under Batch and Continuous-Flow Conditions. <i>Chemistry - A European Journal</i> , 2019, 25, 3262-3266.	1.7	50
28	Synthesis of β -Trifluoromethylacrylates by Ligand-Free Palladium-Catalyzed Mizoroki-Heck Reaction. <i>Journal of Organic Chemistry</i> , 2019, 84, 2072-2082.	1.7	14
29	Continuous flow palladium-catalyzed trifluoromethylthiolation of C-H bonds. <i>Journal of Flow Chemistry</i> , 2019, 9, 9-12.	1.2	11
30	Catalytic Enantioselective Synthesis of Highly Functionalized Pentafluorosulfanylated Pyrrolidines. <i>Chemistry - A European Journal</i> , 2018, 24, 5644-5651.	1.7	18
31	An electrophilic reagent for the synthesis of $OCHFMe$ -containing molecules. <i>Chemical Communications</i> , 2018, 54, 2491-2493.	2.2	15
32	Synthesis of β -Fluorinated Acrylates by a Palladium-Catalyzed Decarboxylative Olefination Reaction. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3705-3715.	1.2	17
33	Synthesis of 4-Difluoromethylquinolines by NHC-Catalyzed Umpolung of Imines. <i>Organic Letters</i> , 2018, 20, 1086-1089.	2.4	53
34	Ring-closing metathesis of fluoroalkenes toward the synthesis of fluorinated heterocycles containing an oxaza bond. <i>Comptes Rendus Chimie</i> , 2018, 21, 740-748.	0.2	4
35	1-C-phosphonomethyl- and 1-C-difluorophosphonomethyl-1,4-imino-l-arabinitols as GalT transferase inhibitors: A comparison. <i>Carbohydrate Research</i> , 2018, 461, 45-50.	1.1	12
36	Pd -Catalyzed Trifluoromethylthiolation of Unsaturated Compounds: A General Approach. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6167-6175.	1.2	24

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37	General Catalytic Enantioselective Access to Monohalomethyl and Trifluoromethyl Cyclopropanes. <i>Chemistry - A European Journal</i> , 2018, 24, 10339-10343.	1.7	41
38	Trifluoromethylthiolation of α -Chloroaldehydes: Access to Quaternary SCF ₃ -Containing Centers. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3693-3696.	1.2	26
39	Palladium-catalyzed synthesis of 3-trifluoromethylated 1,3-dienes from acrylate derivatives and BTP. <i>Tetrahedron</i> , 2018, 74, 6033-6040.	1.0	9
40	N-Heterocyclic Carbene-Catalyzed Synthesis of α -Trifluoromethyl Esters. <i>Organic Letters</i> , 2018, 20, 3897-3901.	2.4	21
41	Transition metal-free stereospecific access to (E)-(1-fluoro-2-arylviny)phosphine borane complexes. <i>Chemical Communications</i> , 2017, 53, 2048-2051.	2.2	9
42	Tunable Approach for the Stereoselective Synthesis of 1-C-Diethylphosphono(difluoromethyl) Iminosugars as Glycosyl Phosphate Mimics. <i>Journal of Organic Chemistry</i> , 2017, 82, 2753-2763.	1.7	26
43	Copper-Mediated [(Diethylphosphono)difluoromethyl]thiolation of α -Bromo Ketones. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2475-2480.	1.2	19
44	Metal-Catalyzed Direct C-H Fluoroalkenylation of Pyridine <i>N</i> -Oxides and Related Derivatives. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3049-3054.	1.2	14
45	¹⁸ F-Fluoroform: a ¹⁸ F-trifluoromethylating agent for the synthesis of SCF ₂ - ¹⁸ F-aromatic derivatives. <i>Chemical Communications</i> , 2017, 53, 5706-5709.	2.2	43
46	Palladium-Catalyzed Synthesis of 3-Trifluoromethyl-Substituted 1,3-Butadienes by Means of Directed C-H Bond Functionalization. <i>Organic Letters</i> , 2017, 19, 2106-2109.	2.4	45
47	Stereoselective access to trisubstituted fluorinated alkenyl thioethers. <i>Catalysis Science and Technology</i> , 2017, 7, 1921-1927.	2.1	12
48	Copper-Mediated Introduction of the CF ₂ PO(OEt) ₂ Motif: Scope and Limitations. <i>Chemistry - A European Journal</i> , 2017, 23, 17318-17338.	1.7	43
49	Catalytic Enantioselective Synthesis of Highly Functionalized Difluoromethylated Cyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13319-13323.	7.2	58
50	Pd-Catalyzed Diastereoselective Trifluoromethylthiolation of Functionalized Acrylamides. <i>Organic Letters</i> , 2017, 19, 5106-5109.	2.4	47
51	Catalytic Enantioselective Synthesis of Highly Functionalized Difluoromethylated Cyclopropanes. <i>Angewandte Chemie</i> , 2017, 129, 13504-13508.	1.6	18
52	Recent Progress Toward the Synthesis of Trifluoromethyl- and Difluoromethyl-Substituted Cyclopropanes. <i>Chemistry - A European Journal</i> , 2017, 23, 4950-4961.	1.7	99
53	New Prospects toward the Synthesis of Difluoromethylated Phosphate Mimics. <i>Chemistry - A European Journal</i> , 2016, 22, 10284-10293.	1.7	57
54	Copper Salt-Controlled Divergent Reactivity of [Cu]CF ₂ PO(OEt) ₂ with α -Diazocarbonyl Derivatives. <i>Angewandte Chemie</i> , 2016, 128, 14347-14351.	1.6	19

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55	An Electrophilic Reagent for the Direct Introduction of the SCF ₂ PO(OEt) ₂ Group to Molecules. <i>Angewandte Chemie</i> , 2016, 128, 13688-13692.	1.6	17
56	Copper Saltâ€Controlled Divergent Reactivity of [Cu]CF ₂ PO(OEt) ₂ with Î±â€Diazocarbonyl Derivatives. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14141-14145.	7.2	46
57	An Electrophilic Reagent for the Direct Introduction of the SCF ₂ PO(OEt) ₂ Group to Molecules. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13490-13494.	7.2	52
58	Palladiumâ€Catalysed Synthesis of Î±â€(Trifluoromethyl)styrenes by Means of Directed Câ€H Bond Functionalization. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 76-82.	1.2	22
59	Synthesis and Applications of Fluorocyclopropanes. <i>Synthesis</i> , 2016, 48, 4060-4071.	1.2	43
60	Recent Advances in the Synthesis of SCF ₂ Hâ€and SCF ₂ FGâ€Containing Molecules. <i>Chemistry - A European Journal</i> , 2016, 22, 16734-16749.	1.7	115
61	Pdâ€Catalyzed Directed Chlorination of Unactivated C(sp ³)â€H Bonds at Room Temperature. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3625-3630.	1.2	26
62	Access to Constrained Fluoropseudopeptides via Ring-Closing Metathesis of Fluoroalkenes. <i>Organic Letters</i> , 2016, 18, 3606-3609.	2.4	21
63	Catalytic Enantioselective Synthesis of Halocyclopropanes. <i>Chemistry - A European Journal</i> , 2016, 22, 6239-6242.	1.7	25
64	New entries toward the synthesis of OCF ₃ -containing molecules. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1004-1010.	2.3	152
65	Stereospecific Synthesis of Tri- and Tetrasubstituted Î±-Fluoroacrylates by Mizorokiâ€Heck Reaction. <i>Organic Letters</i> , 2016, 18, 540-543.	2.4	46
66	Oxidative trifluoromethylthiolation and thiocyanation of amines: a general approach to Nâ€S bond formation. <i>Organic Chemistry Frontiers</i> , 2016, 3, 620-624.	2.3	35
67	Copper-catalyzed direct Câ€H fluoroalkenylation of heteroarenes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 353-357.	1.5	15
68	Synthesis and Reactivity of <i>N</i> - <i>tert</i> -Butanesulfinyl Glycosylamines. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4330-4334.	1.2	17
69	Recent Progress toward the Introduction of Functionalized Difluoromethylated Building Blocks onto C(sp ²) and C(sp) Centers. <i>Chemistry - A European Journal</i> , 2015, 21, 12836-12865.	1.7	302
70	Copperâ€Mediated Synthesis of Aryldifluoromethylphosphonates: A Sandmeyer Approach. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3787-3792.	1.2	30
71	Copperâ€Mediated Formation of Aryl, Heteroaryl, Vinyl and Alkynyl Difluoromethylphosphonates: A General Approach to Fluorinated Phosphate Mimics. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13406-13410.	7.2	83
72	First efficient synthesis of SF ₅ -substituted pyrrolidines using 1,3-dipolar cycloaddition of azomethine ylides with pentafluorosulfonyl-substituted acrylic esters and amides. <i>RSC Advances</i> , 2015, 5, 6864-6868.	1.7	31

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73	Toward the Synthesis of Fluorinated Analogues of HCV NS3/4A Serine Protease Inhibitors Using Methyl β -Amino- β -fluoro- β -vinylcyclopropanecarboxylate as Key Intermediate. <i>Organic Letters</i> , 2015, 17, 2968-2971.	2.4	16
74	Synthesis and studies on the mGluR agonist activity of FAP4 stereoisomers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2523-2526.	1.0	8
75	Copper-Catalyzed Innate Ethoxycarbonyldifluoromethylation of Electron-Rich Arenes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1719-1726.	1.2	43
76	Direct Vicinal Difunctionalization of Alkynes: An Efficient Approach Towards the Synthesis of Highly Functionalized Fluorinated Alkenes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2765-2789.	1.2	116
77	1,4-Addition of the CF ₃ group, perfluoroalkyl groups and functionalized difluoromethylated moieties: An overview. <i>Journal of Fluorine Chemistry</i> , 2015, 178, 225-240.	0.9	10
78	Rhodium-Catalyzed Cyclopropanation of Fluorinated Olefins: A Straightforward Route to Highly Functionalized Fluorocyclopropanes. <i>Organic Letters</i> , 2015, 17, 1790-1793.	2.4	34
79	Synthesis and immunological evaluation of fluorinated β -C-galactosylceramide analogs. <i>Journal of Fluorine Chemistry</i> , 2015, 173, 84-91.	0.9	5
80	Palladium(II)-Catalyzed Directed Trifluoromethylthiolation of Unactivated C(sp ³)-H Bonds. <i>Journal of Organic Chemistry</i> , 2015, 80, 4204-4212.	1.7	105
81	The fluoroalkene motif as a surrogate of the amide bond: syntheses of AA-[<i>Z</i>] and (<i>E</i>)-CFCH]-Pro pseudodipeptides and an Enalapril analogue. <i>Tetrahedron</i> , 2015, 71, 7054-7062.	1.0	22
82	Synthesis of SF ₅ -substituted isoxazolidines using 1,3-dipolar cycloaddition reactions of nitrones with pentafluorosulfanyl acrylic esters and amides. <i>Tetrahedron</i> , 2015, 71, 8067-8076.	1.0	29
83	1,4 Addition of unprotected pyrrole onto chiral acrylamides: toward synthesis of new polypeptidic architectures. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1082-1090.	1.5	2
84	First synthesis of diethyl N-acetyl-glycosamine-1-difluoromethylphosphonate from 2-nitroglycals as phosphate analog. <i>Journal of Fluorine Chemistry</i> , 2015, 171, 56-59.	0.9	15
85	Studies of the New Reactivity of Chiral Acrylamides and Unprotected Pyrroles: Diastereoselective and Carbonyl Compatible 1,4-Addition. <i>Synlett</i> , 2014, 25, 1555-1560.	1.0	2
86	Copper-Mediated Direct Functionalization of Unsaturated C=C Bonds with Ethyl Bromo(difluoro)acetate: A Straightforward Access to Highly Valuable Difluoromethylated Alkenes. <i>Synthesis</i> , 2014, 46, 1859-1870.	1.2	54
87	Efficient access to fluorinated homoallylic alcohols through an indium promoted fluoroallylation reaction. <i>Tetrahedron</i> , 2014, 70, 3123-3133.	1.0	9
88	Stereoselective Access to β -Glycosamines by Nitro-Michael Addition of Organolithium Reagents. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3341-3345.	1.2	13
89	Indium-Promoted Diastereoselective Addition of Fluorinated Haloallylic Derivatives to Imines. <i>Journal of Organic Chemistry</i> , 2014, 79, 2916-2925.	1.7	17
90	Regio- and Diastereoselective Cu-Mediated Trifluoromethylation of Functionalized Alkenes. <i>Journal of Organic Chemistry</i> , 2014, 79, 413-418.	1.7	70

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91	Pd- and Cu-Catalyzed Stereo- and Regiocontrolled Decarboxylative/C-H Fluoroalkenylation of Heteroarenes. <i>Chemistry - A European Journal</i> , 2014, 20, 15000-15004.	1.7	54
92	Recent Progress in Direct Introduction of Fluorinated Groups on Alkenes and Alkynes by means of C-H Bond Functionalization. <i>Chemistry - A European Journal</i> , 2014, 20, 16830-16845.	1.7	229
93	Copper-Catalyzed Direct C-2 Difluoromethylation of Furans and Benzofurans: Access to C-2 CF ₂ -H Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 7205-7211.	1.7	89
94	A mild and efficient synthesis of new pentafluorosulfanyl-substituted electron-deficient alkenes and allylsilanes. <i>Tetrahedron Letters</i> , 2014, 55, 4833-4836.	0.7	13
95	Access to Difluoromethylated Alkynes through the Castro-Stephens Reaction. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7220-7225.	1.2	17
96	2-Nitroglycals: Versatile Building Blocks for the Synthesis of 2-Aminoglycosides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7525-7546.	1.2	25
97	Three new monoterpene indole alkaloids from <i>Psychotria umbellata</i> Thonn.. <i>Tetrahedron Letters</i> , 2014, 55, 4798-4800.	0.7	15
98	Access to Fluorinated Lactams through Ring-Closing Metathesis of Reluctant Fluoroalkenes Promoted by Appropriate Substitution of a Double Bond. <i>ACS Catalysis</i> , 2014, 4, 2374-2378.	5.5	18
99	Copper-catalyzed olefinic C-H difluoroacetylation of enamides. <i>Chemical Communications</i> , 2014, 50, 5887-5890.	2.2	90
100	[¹⁸ F]CuCF ₃ : A [¹⁸ F]Trifluoromethylating Agent for Arylboronic Acids and Aryl Iodides. <i>Chemistry - A European Journal</i> , 2014, 20, 9514-9518.	1.7	62
101	Stereoselectivity of the Honda-Reformatsky Reaction in Reactions with Ethyl Bromodifluoroacetate with I-Oxygenated Sulfinylimines. <i>Journal of Organic Chemistry</i> , 2014, 79, 4186-4195.	1.7	28
102	Straightforward asymmetric synthesis of Ala- ¹ [CF ₂ CH]-Pro, a proline-containing pseudodipeptide bearing a fluoroolefin as a peptide bond mimic. <i>New Journal of Chemistry</i> , 2013, 37, 1320-1325.	1.4	17
103	Fluorinated Pseudopeptide Analogues of the Neuropeptide 26RFa: Synthesis, Biological, and Structural Studies. <i>ChemBioChem</i> , 2013, 14, 1620-1633.	1.3	38
104	Synthesis of ¹ 2-CF ₃ ketones from trifluoromethylated allylic alcohols by ruthenium catalyzed isomerization. <i>Journal of Fluorine Chemistry</i> , 2013, 152, 56-61.	0.9	29
105	A Straightforward and Highly Diastereoselective Access to Functionalized Monofluorinated Cyclopropanes via a Michael Initiated Ring Closure Reaction. <i>Organic Letters</i> , 2013, 15, 5598-5601.	2.4	41
106	Ethyl dibromodifluoroacetate: a versatile reagent for the synthesis of fluorinated molecules. <i>Tetrahedron</i> , 2013, 69, 11039-11055.	1.0	11
107	Synthesis of Fluorinated Cyclopropyl Amino Acid Analogues: Toward the Synthesis of Original Fluorinated Peptidomimetics.. <i>Journal of Organic Chemistry</i> , 2013, 78, 212-223.	1.7	30
108	Copper-Catalyzed Direct Arylation of Cyclic Enamides Using Diaryliodonium Salts. <i>Organic Letters</i> , 2013, 15, 278-281.	2.4	92

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109	Fluoro-C-glycosides and fluoro-carbasugars, hydrolytically stable and synthetically challenging glycomimetics. <i>Chemical Society Reviews</i> , 2013, 42, 4270-4283.	18.7	93
110	Palladium- and Copper- Catalyzed Stereocontrolled Direct C-H Fluoroalkenylation of Heteroarenes using Bromofluoroalkenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3246-3249.	7.2	50
111	3,3-gem-Difluorinated β -lactams: synthesis pathways and applications. <i>Tetrahedron</i> , 2013, 69, 4015-4039.	1.0	18
112	A practical and straightforward access to fluorinated homoallylic alcohols in aqueous media. <i>Tetrahedron Letters</i> , 2013, 54, 2821-2824.	0.7	9
113	Diethylzinc-Mediated Addition of 2,2-Dibromo-2-fluoroacetamides to Carbonyl Compounds: Synthesis of β -Bromo- β -fluoro- β -hydroxy Amides and/or (<i>Z</i>)-Fluorovinyl Amides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3278-3289.		13
114	Copper Catalyzed β -Difluoroacetylation of Dihydropyrans and Glycals by Means of Direct C-H Functionalization. <i>Organic Letters</i> , 2013, 15, 3428-3431.	2.4	121
115	Addition of Electrophilic Radicals to 2-Benzyloxyglycals: Synthesis and Functionalization of Fluorinated β -C-Glycosides and Derivatives. <i>Chemistry - A European Journal</i> , 2013, 19, 12778-12787.	1.7	29
116	Ruthenium-Catalyzed One-Pot Tandem Isomerization-Transfer Hydrogenation Reactions of β -Trifluoromethylated Allylic Alcohols and β -Trifluoromethylated Enones. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1394-1402.	2.1	25
117	Syntheses and Applications of Monofluorinated Cyclopropanes. <i>Chemistry - A European Journal</i> , 2012, 18, 14904-14917.	1.7	68
118	Indium-Promoted Reformatsky Reaction: A Straightforward Access to β -Amino and β -Hydroxy β , β -Difluoro Carbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2012, 77, 9277-9285.	1.7	50
119	Synthetic efforts towards the synthesis of fluorinated C-glycosidic analogues of β -galactosylceramides. <i>Comptes Rendus Chimie</i> , 2012, 15, 57-67.	0.2	7
120	Asymmetric Synthesis of Cyclopropanes with a Monofluorinated Quaternary Stereocenter. <i>Organic Letters</i> , 2012, 14, 5130-5133.	2.4	26
121	One-Step Synthesis of Highly Functionalized Monofluorinated Cyclopropanes from Electron-Deficient Alkenes. <i>Organic Letters</i> , 2012, 14, 2270-2273.	2.4	34
122	Ruthenium-Catalyzed Redox Isomerization of Trifluoromethylated Allylic Alcohols: Mechanistic Evidence for an Enantiospecific Pathway. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6467-6470.	7.2	95
123	Synthesis of exo-methylenedifluorocyclopentanes as precursors of fluorinated carbasugars by 5-exo-dig radical cyclization. <i>Journal of Fluorine Chemistry</i> , 2012, 134, 172-179.	0.9	7
124	Synthesis of fluorinated pseudopeptides: metal mediated reversal of stereochemistry in diastereoselective addition of organometallic reagents to N-(tert-butanesulfinyl)- β -fluoroenamines. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2378.	1.5	23
125	Straightforward Preparation of Functionalized β -Galactosides through an Oxygen to Carbon Acyl Migration. <i>Chemistry - A European Journal</i> , 2011, 17, 5238-5241.	1.7	18
126	Fluorine & chiral: how to create a nonracemic stereogenic carbon-fluorine centre?. <i>Chemical Society Reviews</i> , 2010, 39, 558-568.	18.7	218

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127	Diastereocontrolled addition of organometallic reagents to S-chiral N-(tert-butanesulfinyl)- $\hat{1}\pm$ -fluoroenamines. <i>Tetrahedron Letters</i> , 2009, 50, 264-266.	0.7	25
128	Synthesis of tetrasubstituted $\hat{1}\pm$ -fluoroenones. <i>Tetrahedron</i> , 2009, 65, 6034-6038.	1.0	14
129	New synthesis and cyclopropanation of $\hat{1}\pm$ -phenylselanyl $\hat{1}\pm, \hat{1}^2$ -unsaturated ketones with non-stabilized phosphorus ylides. <i>Tetrahedron</i> , 2008, 64, 9293-9304.	1.0	27
130	6-Azido d-galactose transfer to N-acetyl-d-glucosamine derivative using commercially available $\hat{1}^2$ -1,4-galactosyltransferase. <i>Tetrahedron Letters</i> , 2008, 49, 2294-2297.	0.7	10
131	Synthesis and oxidative rearrangement of selenenylated dihydropyrans. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1260.	1.5	13
132	Synthesis of $\hat{1}^2$ -CF ₂ -d-Mannopyranosides and $\hat{1}^2$ -CF ₂ -d-Galactopyranosides by Reformatsky Addition onto 5-Ketohexoses. <i>Synlett</i> , 2007, 2007, 0123-0126.	1.0	2
133	Chiral dipeptide mimics possessing a fluoroolefin moiety: a relevant tool for conformational and medicinal studies. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 1151.	1.5	182
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