

# VÃ©ronique Gouverneur

## List of Publications by Year in descending order

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194  
papers

19,735  
citations

14614

66  
h-index

12233

133  
g-index

252  
all docs

252  
docs citations

252  
times ranked

11804  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorine in medicinal chemistry. <i>Chemical Society Reviews</i> , 2008, 37, 320-330.	18.7	6,102
2	<sup>18</sup> F-Labeling of Arenes and Heteroarenes for Applications in Positron Emission Tomography. <i>Chemical Reviews</i> , 2016, 116, 719-766.	23.0	544
3	Catalytic Hydrotrifluoromethylation of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2013, 135, 2505-2508.	6.6	403
4	Organocatalyzed Enantioselective Fluorocyclizations. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8105-8109.	7.2	365
5	Transition metal catalysis and nucleophilic fluorination. <i>Chemical Communications</i> , 2012, 48, 2929.	2.2	357
6	A General Copper-Mediated Nucleophilic <sup>18</sup> F-Fluorination of Arenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7751-7755.	7.2	306
7	Au <sup>I</sup> /Au <sup>III</sup> Catalysis: An Alternative Approach for C-C Oxidative Coupling. <i>Chemistry - A European Journal</i> , 2011, 17, 8248-8262.	1.7	294
8	The Fluorination of C-H Bonds: Developments and Perspectives. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14824-14848.	7.2	282
9	Fluorine in Pharmaceutical and Medicinal Chemistry. <i>Molecular Medicine and Medicinal</i> , 2012, , .	0.4	263
10	<sup>18</sup> F Labeling of Arenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11426-11437.	7.2	241
11	Introduction: Fluorine Chemistry. <i>Chemical Reviews</i> , 2015, 115, 563-565.	23.0	204
12	Catalytic Decarboxylative Fluorination for the Synthesis of Tri- and Difluoromethyl Arenes. <i>Organic Letters</i> , 2013, 15, 2648-2651.	2.4	181
13	A broadly applicable [ <sup>18</sup> F]trifluoromethylation of aryl and heteroaryl iodides for PET imaging. <i>Nature Chemistry</i> , 2013, 5, 941-944.	6.6	178
14	Late-stage difluoromethylation: concepts, developments and perspective. <i>Chemical Society Reviews</i> , 2021, 50, 8214-8247.	18.7	172
15	Copper-Catalyzed Insertion into Heteroatom-Hydrogen Bonds with Trifluorodiazalkanes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3785-3789.	7.2	165
16	Palladium-Catalyzed Allylic Fluorination. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2613-2617.	7.2	160
17	Derisking the Cu-Mediated <sup>18</sup> F-Fluorination of Heterocyclic Positron Emission Tomography Radioligands. <i>Journal of the American Chemical Society</i> , 2017, 139, 8267-8276.	6.6	158
18	Catalytic asymmetric fluorinations. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 2065.	1.5	156

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19	Gold(I)-Catalyzed Alkoxyhalogenation of $\beta$ -Hydroxy $\alpha,\alpha$ -Difluoro ketones. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7927-7930.	7.2	156
20	Catalytic enantioselective synthesis of P-stereogenic compounds. <i>Chemical Communications</i> , 2010, 46, 7477.	2.2	151
21	Asymmetric Fluorocyclizations of Alkenes. <i>Accounts of Chemical Research</i> , 2014, 47, 3560-3570.	7.6	137
22	Asymmetric nucleophilic fluorination under hydrogen bonding phase-transfer catalysis. <i>Science</i> , 2018, 360, 638-642.	6.0	137
23	The Chemistry of Propargylic and Allylic Fluorides. <i>Chemical Reviews</i> , 2008, 108, 1943-1981.	23.0	136
24	Contemporary synthetic strategies in organofluorine chemistry. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	11.8	134
25	Enhanced copper-mediated $^{18}\text{F}$ -fluorination of aryl boronic esters provides eight radiotracers for PET applications. <i>Chemical Communications</i> , 2016, 52, 8361-8364.	2.2	132
26	Enantioselective Synthesis of $\beta$ -Stereogenic Phosphinates and Phosphine Oxides by Molybdenum-Catalyzed Asymmetric Ring-Closing Metathesis. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 762-766.	7.2	126
27	Radiosynthesis and Evaluation of [ $^{18}\text{F}$ ]Selectfluor bis(triflate). <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6821-6824.	7.2	125
28	Gold-Catalyzed Cascade Cyclization~Oxidative Alkynylation of Allenolates. <i>Organic Letters</i> , 2010, 12, 4904-4907.	2.4	123
29	Gold-Catalyzed Intramolecular Oxidative Cross-Coupling of Nonactivated Arenes. <i>Chemistry - A European Journal</i> , 2010, 16, 4739-4743.	1.7	122
30	Trifluoromethylation of Allylsilanes under Copper Catalysis. <i>Chemistry - A European Journal</i> , 2012, 18, 8583-8587.	1.7	122
31	Tetraethylammonium Trichloride: A Versatile Reagent for Chlorinations and Oxidations. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2342-2344.	4.4	120
32	Organophotoredox Hydrodefluorination of Trifluoromethylarenes with Translational Applicability to Drug Discovery. <i>Journal of the American Chemical Society</i> , 2020, 142, 9181-9187.	6.6	120
33	Regio- and Enantioselective Synthesis of Allylic Fluorides by Electrophilic Fluorodesilylation of Allyl Silanes. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3291-3294.	7.2	119
34	Trifluoromethylation of Allylsilanes under Photoredox Catalysis. <i>Organic Letters</i> , 2013, 15, 1250-1253.	2.4	117
35	Hydrodifluoromethylation of Alkenes with Difluoroacetic Acid. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8829-8833.	7.2	107
36	Transition-Metal-Mediated Reactions for C-F Bond Construction: The State of Play. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8610-8614.	7.2	105

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37	Improvement in Olefin Metathesis Using a New Generation of Ruthenium Catalyst Bearing an Imidazolylidene Ligand: Synthesis of Heterocycles. <i>Organic Letters</i> , 2000, 2, 1517-1519.	2.4	103
38	Diels-Alder Exo Selectivity in Terminal-Substituted Dienes and Dienophiles: Experimental Discoveries and Computational Explanations. <i>Journal of the American Chemical Society</i> , 2009, 131, 1947-1957.	6.6	103
39	Asymmetric Electrophilic Fluorocyclization with Carbon Nucleophiles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9796-9800.	7.2	103
40	Selective Radical Trifluoromethylation of Native Residues in Proteins. <i>Journal of the American Chemical Society</i> , 2018, 140, 1568-1571.	6.6	102
41	Synthesis and reactivity of [18F]-N-fluorobenzenesulfonimide. <i>Chemical Communications</i> , 2007, , 2330-2332.	2.2	101
42	Palladium-Catalyzed Substitution of Allylic Fluorides. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1296-1299.	7.2	101
43	Light-driven post-translational installation of reactive protein side chains. <i>Nature</i> , 2020, 585, 530-537.	13.7	100
44	Hydrosulfonylation of Alkenes with Sulfonyl Chlorides under Visible Light Activation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11620-11626.	7.2	100
45	Enantioselective Organocatalytic Aldol Reaction of Ynones and Its Synthetic Applications. <i>Organic Letters</i> , 2006, 8, 5417-5419.	2.4	98
46	Enhanced Aqueous Suzuki-Miyaura Coupling Allows Site-Specific Polypeptide <sup>18</sup> F-Labeling. <i>Journal of the American Chemical Society</i> , 2013, 135, 13612-13615.	6.6	95
47	Diversity-Oriented Approach to CF <sub>3</sub> CHF <sub>2</sub> , CF <sub>3</sub> CFBr <sub>2</sub> , CF <sub>3</sub> CF <sub>2</sub> CH <sub>2</sub> , (CF <sub>3</sub> ) <sub>2</sub> CH, and CF <sub>3</sub> (SCF <sub>3</sub> )CH-Substituted Arenes from 1-(Diazo-2,2,2-trifluoroethyl)arenes. <i>Organic Letters</i> , 2014, 16, 6004-6007.	2.4	94
48	Hydrogen Bonding Phase-Transfer Catalysis with Potassium Fluoride: Enantioselective Synthesis of <sup>18</sup> F-Fluoroamines. <i>Journal of the American Chemical Society</i> , 2019, 141, 2878-2883.	6.6	94
49	Ultrafast Click Chemistry with Fluorosynones. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12073-12077.	7.2	93
50	Electrophilic Fluorocyclization of Allyl Silanes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7083-7086.	7.2	89
51	[18F]Fluorination of an arylboronic ester using [18F]selectfluor bis(triflate): application to 6-[18F]fluoro-l-DOPA. <i>Chemical Communications</i> , 2013, 49, 1386.	2.2	89
52	<sup>18</sup> F-Labeling of Aryl-SCF <sub>3</sub> , OCF <sub>3</sub> and OCHF <sub>2</sub> with [ <sup>18</sup> F]Fluoride. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9991-9995.	7.2	88
53	Imaging of translocator protein upregulation is selective for pro-inflammatory polarized astrocytes and microglia. <i>Glia</i> , 2020, 68, 280-297.	2.5	85
54	Metal-Free Oxidative Fluorination of Phenols with [ <sup>18</sup> F]Fluoride. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6733-6737.	7.2	83

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55	<i>cis</i> -Specific Hydrofluorination of Alkenylarenes under Palladium Catalysis through an Ionic Pathway. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4181-4185.	7.2	79
56	Silyl Radical-Mediated Activation of Sulfamoyl Chlorides Enables Direct Access to Aliphatic Sulfonamides from Alkenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 720-725.	6.6	78
57	Sequential Cross-Metathesis/Electrophilic Fluorodesilylation: A Novel Entry to Functionalized Allylic Fluorides. <i>Organic Letters</i> , 2003, 5, 4891-4893.	2.4	76
58	Regio- and stereoretentive synthesis of branched, linear (E)- and (Z)-allyl fluorides from allyl carbonates under Ir-catalysis. <i>Chemical Science</i> , 2013, 4, 89-96.	3.7	76
59	<sup>18</sup> F-Trifluoromethylation of Unmodified Peptides with 5-( <sup>18</sup> F-(Trifluoromethyl)dibenzothiophenium Trifluoromethanesulfonate. <i>Journal of the American Chemical Society</i> , 2018, 140, 1572-1575.	6.6	76
60	Palladium-Catalyzed Substitution and Cross-Coupling of Benzylic Fluorides. <i>Organic Letters</i> , 2012, 14, 2754-2757.	2.4	75
61	Coordination diversity in hydrogen-bonded homoleptic fluoride-alcohol complexes modulates reactivity. <i>Chemical Science</i> , 2015, 6, 5293-5302.	3.7	74
62	Hydrogen-Bonded Homoleptic Fluoride-Diarylurea Complexes: Structure, Reactivity, and Coordinating Power. <i>Journal of the American Chemical Society</i> , 2016, 138, 13314-13325.	6.6	73
63	The First Example of Molecularly Imprinted Nanogels with Aldolase Type I Activity. <i>Chemistry - A European Journal</i> , 2008, 14, 7059-7065.	1.7	72
64	Bridging the gaps in <sup>18</sup> F PET tracer development. <i>Nature Chemistry</i> , 2017, 9, 1-3.	6.6	71
65	Electrophilic fluorination of organosilanes. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 26-32.	1.5	70
66	PET Imaging of PARP Expression Using <sup>18</sup> F-Olaparib. <i>Journal of Nuclear Medicine</i> , 2019, 60, 504-510.	2.8	69
67	Intramolecular OH...FC Hydrogen Bonding in Fluorinated Carbohydrates: CHF is a Better Hydrogen Bond Acceptor than CF <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10524-10528.	7.2	68
68	A Comparison of the Behavior of <sup>64</sup> Cu-Acetate and <sup>64</sup> Cu-ATSM In Vitro and In Vivo. <i>Journal of Nuclear Medicine</i> , 2014, 55, 128-134.	2.8	66
69	Fluorous Synthesis of <sup>18</sup> F-Radiotracers with the [ <sup>18</sup> F]Fluoride Ion: Nucleophilic Fluorination as the Detagging Process. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 586-589.	7.2	64
70	Pd(II)-Catalyzed Cascade Wacker-Heck Reaction: Chemoselective Coupling of Two Electron-Deficient Reactants. <i>Journal of Organic Chemistry</i> , 2006, 71, 8390-8394.	1.7	61
71	<sup>18</sup> F-Trifluoromethanesulfinate Enables Direct C-H <sup>18</sup> F-Trifluoromethylation of Native Aromatic Residues in Peptides. <i>Journal of the American Chemical Society</i> , 2020, 142, 1180-1185.	6.6	61
72	Fluorodesilylation of alkenyltrimethylsilanes: a new route to fluoroalkenes and difluoromethyl-substituted amides, alcohols or ethers. <i>Chemical Communications</i> , 2001, , 233-234.	2.2	59

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73	Oxidative Cyclization of $\beta$ -Hydroxyenones with Palladium(II): A Novel Entry to 2,3-Dihydro-4H-pyran-4-ones. <i>Organic Letters</i> , 2004, 6, 91-94.	2.4	59
74	Using Chemical Genetics and ATP Analogues To Dissect Protein Kinase Function. <i>ACS Chemical Biology</i> , 2007, 2, 299-314.	1.6	59
75	Asymmetric amination of carboxylic acids via a diels-alder strategy.. <i>Tetrahedron Letters</i> , 1991, 32, 5349-5352.	0.7	56
76	Biocatalytic Approaches to Hetero-Diels-Alder Adducts of Carbonyl Compounds. <i>Chemistry - A European Journal</i> , 2005, 11, 5806-5815.	1.7	55
77	Fluorierung von C-H-Bindungen: Entwicklungen und Perspektiven. <i>Angewandte Chemie</i> , 2019, 131, 14966-14991.	1.6	54
78	Redox chemistry of trifluoromethyl sulfonium salts as CF <sub>3</sub> radical sources. <i>Journal of Fluorine Chemistry</i> , 2013, 155, 124-131.	0.9	53
79	Hydrogen Bonding Phase-Transfer Catalysis with Ionic Reactants: Enantioselective Synthesis of $\beta$ -Fluoroamines. <i>Journal of the American Chemical Society</i> , 2020, 142, 14045-14051.	6.6	53
80	Asymmetric Diels-Alder reactions of a nitroso compound derived from D-bornane-10,2-sultam. <i>Tetrahedron: Asymmetry</i> , 1991, 2, 1173-1176.	1.8	52
81	Novel Synthesis of Borane Complexes of Cyclic Phosphanes Using Ruthenium-Catalyzed Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2491-2493.	7.2	52
82	Palladium-Catalyzed Oxidative Cyclizations: Synthesis of Dihydropyranones and Furanones. <i>Journal of Organic Chemistry</i> , 2005, 70, 8478-8485.	1.7	47
83	Electrophilic Fluorodesilylation of Allenylmethylsilanes: A Novel Entry to 2-Fluoro-1,3-dienes. <i>Organic Letters</i> , 2005, 7, 1267-1270.	2.4	47
84	Radiosynthesis of SPECT tracers via a copper mediated <sup>123</sup> I iodination of (hetero)aryl boron reagents. <i>Chemical Communications</i> , 2016, 52, 13277-13280.	2.2	47
85	Total Synthesis of ( $\pm$ )-Halomon by a Johnson-Claisen Rearrangement. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2085-2087.	7.2	46
86	Ring-Closing Olefin Metathesis for the Synthesis of Phosphorus Containing Heterocycles. <i>Tetrahedron</i> , 2000, 56, 2053-2060.	1.0	46
87	A Catalytic Asymmetric Bioorganic Route to Enantioenriched Tetrahydro- and Dihydropyranones. <i>Journal of the American Chemical Society</i> , 2005, 127, 1481-1486.	6.6	46
88	Organomediated Enantioselective <sup>18</sup> F-Fluorination for PET Applications. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13366-13369.	7.2	46
89	Asymmetric <sup>18</sup> F-fluorination for applications in positron emission tomography. <i>Chemical Science</i> , 2016, 7, 1645-1652.	3.7	46
90	Highly Diastereoselective Synthesis of Trifluoromethyl Indolines by Intercepting Benzylic Decarboxylative Cycloaddition of Nonvinyl, Trifluoromethyl Benzoxazinones with Sulfur Ylides under Palladium Catalysis. <i>Organic Letters</i> , 2018, 20, 1526-1529.	2.4	46

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91	A novel access to alicyclic phosphine oxides via ring closing metathesis. <i>Tetrahedron Letters</i> , 1999, 40, 7333-7336.	0.7	45
92	Fluorine-directed Diastereoselective Iodocyclizations. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 357-360.	7.2	45
93	Synthetic Applications of Electrophilic Fluorodesilylation. <i>Chemistry - A European Journal</i> , 2002, 8, 766-772.	1.7	44
94	Synthesis of Novel Enantiopure Fluorinated Building Blocks from Acyclic Chiral Allylsilanes. <i>Organic Letters</i> , 2005, 7, 4495-4497.	2.4	44
95	Intramolecular Hetero-Michael Addition of $\hat{I}^2$ -Hydroxyenones for the Preparation of Highly Substituted Tetrahydropyranones. <i>Chemistry - A European Journal</i> , 2006, 12, 7190-7203.	1.7	43
96	A Concise Synthesis of Enantioenriched Fluorinated Carbocycles. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5106-5110.	7.2	43
97	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 3413-3416.	1.6	42
98	Batch-mode microfluidic radiosynthesis of $^{18}F$ -succinimidyl- $^{18}F$ fluorobenzoate for protein labelling. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2011, 54, 117-122.	0.5	42
99	Synthesis of unprotected and borane-protected cyclic phosphines using Ru <sup>2+</sup> and Mo <sup>2+</sup> based olefin metathesis catalysts This is one of a number of contributions from the current members of the Dyson Perrins Laboratory to mark the end of almost 90 years of organic chemistry research in that building, as all its current academic staff move across South Parks Road to a new purpose-built laboratory. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 3020.	1.5	41
100	The traceless Staudinger ligation for indirect $^{18}F$ -radiolabelling. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 136-140.	1.5	41
101	The dual role of thiourea in the thiotrifluoromethylation of alkenes. <i>Chemical Science</i> , 2017, 8, 1195-1199.	3.7	41
102	Recent progress in the use of fluoroorganic compounds in pericyclic reactions. <i>Tetrahedron</i> , 2009, 65, 9905-9933.	1.0	40
103	Glial Activation in the Early Stages of Brain Metastasis: TSPO as a Diagnostic Biomarker. <i>Journal of Nuclear Medicine</i> , 2014, 55, 275-280.	2.8	38
104	Convergent $^{18}F$ radiosynthesis: A new dimension for radiolabelling. <i>Chemical Science</i> , 2011, 2, 123-131.	3.7	37
105	Boron reagents for divergent radiochemistry. <i>Chemical Society Reviews</i> , 2018, 47, 6990-7005.	18.7	37
106	Hydrofluoromethylation of alkenes with fluoriodomethane and beyond. <i>Chemical Science</i> , 2021, 12, 12149-12155.	3.7	37
107	Diastereoselective Synthesis of P-Stereogenic Heterocycles via Enyne Ring-Closing Metathesis. <i>Organic Letters</i> , 2010, 12, 1236-1239.	2.4	36
108	Platinum-Catalyzed Substitution of Allylic Fluorides. <i>Organometallics</i> , 2012, 31, 1408-1416.	1.1	36

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109	Synthesis of <sup>18</sup> F-difluoromethylarenes using aryl boronic acids, ethyl bromofluoroacetate and [ <sup>18</sup> F]fluoride. <i>Chemical Science</i> , 2019, 10, 3237-3241.	3.7	36
110	Impact of Multiple Hydrogen Bonds with Fluoride on Catalysis: Insight from NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2020, 142, 19731-19744.	6.6	35
111	Unprecedented Regiocontrol Using An Aldolase I Antibody. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1012-1014.	7.2	34
112	A New Departure in Fluorination Chemistry. <i>Science</i> , 2009, 325, 1630-1631.	6.0	34
113	Manual and automated Cu-mediated radiosynthesis of the PARP inhibitor [ <sup>18</sup> F]olaparib. <i>Nature Protocols</i> , 2020, 15, 1525-1541.	5.5	34
114	Synthesis of a novel diarylphosphinic acid: a distorted ground state mimic and transition state analogue for amide hydrolysis. <i>Tetrahedron</i> , 2001, 57, 10299-10307.	1.0	33
115	Asymmetric de novo synthesis of fluorinated d-glucitol and d-mannitol analogues. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 910-920.	1.8	33
116	Diastereoselective Ring-Closing Metathesis: Synthesis of P-Stereogenic Phosphinates from Prochiral Phosphinic Acid Derivatives. <i>Journal of Organic Chemistry</i> , 2005, 70, 10803-10809.	1.7	32
117	Synthesis of propargylic fluorides from allenylsilanes. <i>Chemical Communications</i> , 2006, , 4113.	2.2	32
118	Enantioselective Synthesis of a Key $\alpha$ -Ring Intermediate for the Preparation of $^{11}\beta$ -Fluoro Vitamin D3 Analogues. <i>Journal of Organic Chemistry</i> , 2006, 71, 5361-5364.	1.7	32
119	Synthesis and reactivity of novel $\beta^3$ -phosphate modified ATP analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 3804-3807.	1.0	32
120	Copper-Catalyzed Insertion into Heteroatom-Hydrogen Bonds with Trifluorodiazalkanes. <i>Angewandte Chemie</i> , 2016, 128, 3849-3853.	1.6	32
121	Stereospecific anti SE <sub>2</sub> fluorination of allenylsilanes: synthesis of enantioenriched propargylic fluorides. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1731.	1.5	31
122	Pre-clinical evaluation of a 3-nitro-1,2,4-triazole analogue of [ <sup>18</sup> F]FMISO as hypoxia-selective tracer for PET. <i>Nuclear Medicine and Biology</i> , 2010, 37, 565-575.	0.3	31
123	Conformational Analysis of Fluorinated Pyrrolidines Using <sup>19</sup> F- <sup>1</sup> H Scalar Couplings and Heteronuclear NOEs. <i>Chemistry - A European Journal</i> , 2012, 18, 13133-13141.	1.7	31
124	Closing the gap between <sup>19</sup> F and <sup>18</sup> F chemistry. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2021, 6, 33.	1.8	31
125	Desymmetrization by direct cross-metathesis producing hitherto unreachable P-stereogenic phosphine oxides. <i>Tetrahedron</i> , 2005, 61, 2395-2400.	1.0	30
126	Gold Catalysis and Fluorine. <i>Israel Journal of Chemistry</i> , 2010, 50, 675-690.	1.0	30



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127	[18F]Difluorocarbene for positron emission tomography. <i>Nature</i> , 2022, 606, 102-108.	13.7	30
128	Homometathesis and cross-metathesis coupling of phosphine-borane templates with electron-rich and electron-poor olefins. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 5246-5259.	0.8	29
129	Synthesis and O-phosphorylation of 3,3,4,4-tetrafluoroaryl-C-nucleoside analogues. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1445.	1.5	29
130	Developments in fluorocyclization methodologies. <i>Future Medicinal Chemistry</i> , 2009, 1, 847-863.	1.1	28
131	A fluorous and click approach for screening potential PET probes: Evaluation of potential hypoxia biomarkers. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 324-329.	1.4	28
132	Cross-Coupling of [2-Aryl-1,1,2,2-tetrafluoroethyl](trimethyl)silanes with Aryl Halides. <i>Organic Letters</i> , 2015, 17, 3466-3469.	2.4	28
133	Hydrogen Bonding Phase-Transfer Catalysis with Alkali Metal Fluorides and Beyond. <i>Journal of the American Chemical Society</i> , 2022, 144, 5200-5213.	6.6	28
134	Stereoselective synthesis of internal allylic fluorides. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1110.	1.5	27
135	Sequential Desymmetrization of Fluorinated Cyclohexanes: Enantioselective Synthesis of Fluorinated Cyclitols. <i>Chemistry - A European Journal</i> , 2006, 12, 9176-9185.	1.7	27
136	Flipping fluoride's reactivity. <i>Nature Chemistry</i> , 2012, 4, 152-154.	6.6	27
137	A convergent approach for the synthesis of fluorinated sphingosine analogues. <i>Arkivoc</i> , 2007, 2007, 232-244.	0.3	26
138	Controlled Single and Double Iodofluorination of Alkynes with DIH- and HF-Based Reagents. <i>Organic Letters</i> , 2018, 20, 1576-1579.	2.4	25
139	Hydrosulfonylation of Alkenes with Sulfonyl Chlorides under Visible Light Activation. <i>Angewandte Chemie</i> , 2020, 132, 11717-11723.	1.6	24
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