

# Xingang Zhang

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4505443/xingang-zhang-publications-by-year.pdf>

**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

127 papers	6,197 citations	44 h-index	75 g-index
131 ext. papers	7,193 ext. citations	7.6 avg, IF	6.5 L-index

#	Paper	IF	Citations
127	(Fluoro)alkylation of alkenes promoted by photolysis of alkylzirconocenes.. <i>Chemical Science</i> , <b>2022</b> , 13, 3454-3460	9.4	0
126	Palladium-Catalyzed Carbonylative Cross-Coupling of Difluoroalkyl Halides with Alkylboranes under 1 atm of CO. <i>Organic Letters</i> , <b>2021</b> , 23, 9106-9111	6.2	1
125	Regio- and enantioselective umpolung gem-difluoroallylation of hydrazones via palladium catalysis enabled by N-heterocyclic carbene ligand. <i>Nature Communications</i> , <b>2021</b> , 12, 6551	17.4	3
124	Highly Eselective Arylation and Carbonylative Arylation of 3-Bromo-3,3-difluoropropene via Nickel Catalysis. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 12494-12499	3.6	0
123	Highly Eselective Arylation and Carbonylative Arylation of 3-Bromo-3,3-difluoropropene via Nickel Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 12386-12391	16.4	17
122	Copper-Catalyzed Enantioselective Trifluoromethylthiolation of Secondary Propargyl Sulfonates. <i>CCS Chemistry</i> , <b>2021</b> , 3, 1463-1471	7.2	6
121	Using Chlorotrifluoroethane for Trifluoroethylation of (Hetero)aryl Bromides and Chlorides via Nickel Catalysis. <i>Organic Letters</i> , <b>2021</b> , 23, 1400-1405	6.2	5
120	Visible-Light-Induced Palladium-Catalyzed Selective Defluoroarylation of Trifluoromethylarenes with Arylboronic Acids. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 13971-13979	16.4	27
119	Access to $\alpha$ -Difluoro- $\beta$ -amino Acids by Nickel-Catalyzed Reductive Aryldifluoroacetylation of N-Vinylacetamide. <i>Synlett</i> , <b>2020</b> ,	2.2	2
118	Stereoselective Functionalization of Racemic Cyclopropylzinc Reagents via Enantiodivergent Relay Coupling. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 11884-11892	16.4	17
117	Nickel-Catalyzed Dicarbofunctionalization of Alkenes $\square$ <i>Chinese Journal of Chemistry</i> , <b>2020</b> , 38, 1371-1394	4.9	56
116	trans-Selective Aryldifluoroalkylation of Endocyclic Enecarbamates and Enamides by Nickel Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 18741-18747	16.4	31
115	trans-Selective Aryldifluoroalkylation of Endocyclic Enecarbamates and Enamides by Nickel Catalysis. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 18900-18906	3.6	10
114	Nickel-catalyzed carbodifunctionalization of N-vinylamides enables access to $\beta$ -amino acids. <i>Chemical Communications</i> , <b>2020</b> , 56, 2642-2645	5.8	22
113	Difluoromethylation and Difluoroalkylation of (Hetero)Arenes <b>2020</b> , 1-46		
112	Palladium Difluorocarbene Involved Catalytic Coupling with Terminal Alkynes. <i>CCS Chemistry</i> , <b>2020</b> , 2, 293-304	7.2	14
111	Nickel-Catalyzed Four-Component Carbocarbonylation of Alkenes under 1 atm of CO. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 18191-18199	16.4	31

110	Nickel-Catalyzed Carbonylation of Secondary Trifluoromethylated, Difluoromethylated, and Nonfluorinated Aliphatic Electrophiles with Arylboronic Acids under 1 atm of CO. <i>ACS Catalysis</i> , <b>2020</b> , 10, 36-42	13.1	20
109	Decarboxylative and Deaminative Alkylation of Difluoroenoxy silanes via Photoredox Catalysis: A General Method for Site-Selective Synthesis of Difluoroalkylated Alkanes. <i>Organic Letters</i> , <b>2020</b> , 22, 7747-7751 <sup>28</sup>	6.2	1
108	Nickel-Catalyzed Carbonylation of Difluoroalkyl Bromides with Arylboronic Acids. <i>Organic Letters</i> , <b>2019</b> , 21, 1031-1036	6.2	32
107	Palladium-catalyzed cross-coupling of unactivated alkylzinc reagents with 2-bromo-3,3,3-trifluoropropene and its application in the synthesis of fluorinated amino acids. <i>Chemical Communications</i> , <b>2019</b> , 55, 3705-3708	5.8	14
106	Chlorodifluoromethane as a C1 Synthon in the Assembly of N-Containing Compounds. <i>IScience</i> , <b>2019</b> , 19, 1-13	6.1	26
105	Nickel-Catalyzed Difluoroalkylation/Alkylation of Enamides. <i>ACS Catalysis</i> , <b>2019</b> , 9, 8224-8229	13.1	48
104	Copper-Catalyzed Highly Enantioselective Difluoroalkylation of Secondary Propargyl Sulfonates with Difluoroenoxy silanes. <i>Chem</i> , <b>2019</b> , 5, 2987-2999	16.2	42
103	Nickel-Catalyzed Difluoromethylation of (Hetero)aryl Bromides with BrCF <sub>2</sub> H. <i>Chinese Journal of Organic Chemistry</i> , <b>2019</b> , 39, 215	3	9
102	Visible light promoted fluoroalkylation of alkenes and alkynes using 2-bromophenol as a catalyst. <i>Chemical Communications</i> , <b>2019</b> , 55, 12259-12262	5.8	34
101	Controllable catalytic difluorocarbene transfer enables access to diversified fluoroalkylated arenes. <i>Nature Chemistry</i> , <b>2019</b> , 11, 948-956	17.6	66
100	Fluoroalkylation/Borylation of Alkynes: An Efficient Method To Obtain (Z)-Tri- and Tetrasubstituted Fluoroalkylated Alkenylboronates. <i>ACS Catalysis</i> , <b>2019</b> , 9, 38-43	13.1	45
99	Ni-Catalyzed Defluorination for the Synthesis of gem-Difluoro-1,3-dienes and Their [4 + 2] Cycloaddition Reaction. <i>Organic Letters</i> , <b>2019</b> , 21, 671-674	6.2	17
98	Bromotrifluoromethane: A Useful Reagent for Hydrotrifluoromethylation of Alkenes and Alkynes. <i>Synlett</i> , <b>2018</b> , 29, 1028-1032	2.2	10
97	Copper-Catalyzed Highly Stereoselective Trifluoromethylation and Difluoroalkylation of Secondary Propargyl Sulfonates. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 3241-3245	3.6	10
96	Bulky Diamine Ligand Promotes Cross-Coupling of Difluoroalkyl Bromides by Iron Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 6921-6925	16.4	48
95	Highly Selective Pd-Catalyzed Direct C-F Bond Arylation of Polyfluoroarenes. <i>Organic Letters</i> , <b>2018</b> , 20, 2543-2546	6.2	30
94	Bulky Diamine Ligand Promotes Cross-Coupling of Difluoroalkyl Bromides by Iron Catalysis. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 7037-7041	3.6	3
93	Copper-Catalyzed Highly Stereoselective Trifluoromethylation and Difluoroalkylation of Secondary Propargyl Sulfonates. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 3187-3191	16.4	41

92	Difluoromethylation of (hetero)aryl chlorides with chlorodifluoromethane catalyzed by nickel. <i>Nature Communications</i> , <b>2018</b> , 9, 1170	17.4	96
91	Transition-Metal (Cu, Pd, Ni)-Catalyzed Difluoroalkylation via Cross-Coupling with Difluoroalkyl Halides. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 2264-2278	24.3	266
90	Iron-Catalyzed Cross-Coupling of Diarylzinc or Aryl Grignard Reagents with Difluoroalkyl Bromides. <i>Acta Chimica Sinica</i> , <b>2018</b> , 76, 977	3.3	5
89	Nickel-Catalyzed Difluoromethylation of Arylboronic Acids with Bromodifluoromethane. <i>Chinese Journal of Chemistry</i> , <b>2018</b> , 36, 143-146	4.9	33
88	Catalyst-free and visible light promoted trifluoromethylation and perfluoroalkylation of uracils and cytosines. <i>Chemical Communications</i> , <b>2018</b> , 54, 13662-13665	5.8	29
87	Palladium-catalyzed direct allylation of fluorinated benzothiadiazoles with allyl chlorides. <i>Tetrahedron</i> , <b>2018</b> , 74, 6329-6334	2.4	0
86	Nickel-Catalyzed Difluoroalkylation of (Hetero)aryl Bromides with Unactivated 1-Bromo-1,1-difluoroalkanes. <i>Chinese Journal of Chemistry</i> , <b>2018</b> , 36, 1059-1062	4.9	9
85	Chlorodifluoromethane-triggered formation of difluoromethylated arenes catalysed by palladium. <i>Nature Chemistry</i> , <b>2017</b> , 9, 918-923	17.6	168
84	Visible-Light-Promoted Tandem Difluoroalkylation-Amidation: Access to Difluorooxindoles from Free Anilines. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 3943-3949	4.2	44
83	Access to Difluoromethylene-Skipped 1,4-Diynes with gem-Difluoropropargyl Bromide. <i>ACS Catalysis</i> , <b>2017</b> , 7, 896-901	13.1	16
82	Synthesis of 5-pentafluorosulfanyl indazoles. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 4473-4475	2	4
81	Visible-light-mediated direct perfluoroalkylation and trifluoromethylation of free anilines. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 3939-3941	2	17
80	Highly selective nickel-catalyzed gem-difluoropropargylation of unactivated alkylzinc reagents. <i>Nature Communications</i> , <b>2017</b> , 8, 1460	17.4	36
79	Palladium-catalyzed Heck-type reaction of secondary trifluoromethylated alkyl bromides. <i>Beilstein Journal of Organic Chemistry</i> , <b>2017</b> , 13, 2610-2616	2.5	8
78	Carbonylation of Difluoroalkyl Bromides Catalyzed by Palladium. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 10401-5	16.4	44
77	Copper-Catalyzed Direct Propargylation of Polyfluoroarenes with Secondary Propargyl Phosphates. <i>Organic Letters</i> , <b>2016</b> , 18, 3302-5	6.2	19
76	Brønsted Acid Catalyzed gem-Difluoroallylation of Aldehydes and Ketone with $\alpha$ -Tosyloxy- $\beta$ -difluoroallylboronic Acid Pinacol Ester. <i>Chinese Journal of Chemistry</i> , <b>2016</b> , 34, 477-480	4.9	14
75	Nickel-Catalyzed Difluoroalkylation of (Hetero)Arylborons with Unactivated 1-Bromo-1,1-difluoroalkanes. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 5837-41	16.4	84

74	Access to Difluoromethylated Arenes by Pd-Catalyzed Reaction of Arylboronic Acids with Bromodifluoroacetate. <i>Organic Letters</i> , <b>2016</b> , 18, 44-7	6.2	123
73	Palladium-catalyzed phosphonyldifluoromethylation of alkenes with bromodifluoromethylphosphonate. <i>Organic Chemistry Frontiers</i> , <b>2016</b> , 3, 466-469	5.2	35
72	Pd-catalyzed gem-difluoroallylation of arylboronic acids with difluoroallylic acetates. <i>Chemical Communications</i> , <b>2016</b> , 52, 1238-41	5.8	25
71	Nickel-Catalyzed Difluoroalkylation of (Hetero)Arylborons with Unactivated 1-Bromo-1,1-difluoroalkanes. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 5931-5935	3.6	17
70	Tandem Difluoroalkylation-Arylation of Enamides Catalyzed by Nickel. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 12270-4	16.4	189
69	Tandem Difluoroalkylation-Arylation of Enamides Catalyzed by Nickel. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 12458-12462	3.6	53
68	Palladium-Catalyzed Heck-Type Difluoroalkylation of Alkenes with Functionalized Difluoromethyl Bromides. <i>Synthesis</i> , <b>2015</b> , 47, 2912-2923	2.9	53
67	Facile Access to Fluoromethylated Arenes by Nickel-Catalyzed Cross-Coupling between Arylboronic Acids and Fluoromethyl Bromide. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 9207-9211	3.6	19
66	Palladium-Catalyzed Difluoroalkylation of Isocyanides: Access to Difluoroalkylated Phenanthridine Derivatives. <i>Organic Letters</i> , <b>2015</b> , 17, 5384-7	6.2	83
65	Nickel-Catalyzed Reductive Cross-Coupling of (Hetero)Aryl Iodides with Fluorinated Secondary Alkyl Bromides. <i>Organic Letters</i> , <b>2015</b> , 17, 5570-3	6.2	37
64	Palladium-Catalyzed Direct Thienylation of Monobromide-Substituted Difluorinated Benzothiadiazoles for Organic Photovoltaics. <i>Synlett</i> , <b>2015</b> , 26, 2175-2179	2.2	0
63	Synthesis of diaryldifluoromethanes by Pd-catalyzed difluoroalkylation of arylboronic acids. <i>Organic Chemistry Frontiers</i> , <b>2015</b> , 2, 38-41	5.2	25
62	Rhodium-Catalyzed ortho-Selective C-F Bond Borylation of Polyfluoroarenes with Bpin-Bpin. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 9075-8	16.4	95
61	Facile Access to Fluoromethylated Arenes by Nickel-Catalyzed Cross-Coupling between Arylboronic Acids and Fluoromethyl Bromide. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 9079-83	16.4	65
60	A general synthesis of fluoroalkylated alkenes by palladium-catalyzed Heck-type reaction of fluoroalkyl bromides. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 1270-4	16.4	225
59	Nickel-Catalyzed Cross-Coupling of gem-Difluoropropargyl Bromide with Aryl Boronic Acids. <i>Acta Chimica Sinica</i> , <b>2015</b> , 73, 383	3.3	15
58	Pd-catalyzed cross-coupling of polyfluoroarenes with cyclic vinyl triflates. <i>Science China Chemistry</i> , <b>2014</b> , 57, 276-281	7.9	2
57	Direct olefination of fluorinated benzothiadiazoles: a new entry to optoelectronic materials. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 4532-6	4.8	13

56	Pd-catalyzed aerobic direct olefination of polyfluoroarenes. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 2962-2964	2	9
55	Selective thienylation of fluorinated benzothiadiazoles and benzotriazoles for organic photovoltaics. <i>Chemical Science</i> , <b>2014</b> , 5, 1317-1321	9.4	19
54	Palladium-catalyzed difluoroalkylation of aryl boronic acids: a new method for the synthesis of aryl difluoromethylated phosphonates and carboxylic acid derivatives. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 1669-73	16.4	267
53	Highly selective gem-difluoroalkylation of organoborons with bromodifluoromethylated alkenes catalyzed by palladium. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 1230-3	16.4	147
52	Copper-catalyzed cross-coupling of bromozinc-difluoromethylphosphonate with iodo/bromo-aryl triazenes. <i>Organic Chemistry Frontiers</i> , <b>2014</b> , 1, 113-116	5.2	50
51	Nickel-catalyzed cross-coupling of functionalized difluoromethyl bromides and chlorides with aryl boronic acids: a general method for difluoroalkylated arenes. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 9909-13	16.4	184
50	Heteroaryldifluoromethylation of organoborons catalyzed by palladium: facile access to aryl(heteroaryl)difluoromethanes. <i>Organic Letters</i> , <b>2014</b> , 16, 4822-5	6.2	34
49	Synthesis of gem-difluoromethylene alkynes by palladium-catalyzed gem-difluoropropargylation of aryl and alkenyl boron reagents. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 10457-61	16.4	61
48	Nickel-Catalyzed Cross-Coupling of Functionalized Difluoromethyl Bromides and Chlorides with Aryl Boronic Acids: A General Method for Difluoroalkylated Arenes. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 10067-10071	3.6	86
47	Palladium-Catalyzed Difluoroalkylation of Aryl Boronic Acids: A New Method for the Synthesis of Aryl difluoromethylated Phosphonates and Carboxylic Acid Derivatives. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 1695-1699	3.6	86
46	Direct (het)arylation of fluorinated benzothiadiazoles and benzotriazole with (het)aryl iodides. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 1712-8	4.2	21
45	Synthesis of gem-Difluoromethylene Alkynes by Palladium-Catalyzed gem-Difluoropropargylation of Aryl and Alkenyl Boron Reagents. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 10625-10629	3.6	32
44	Construction of Optically Active Quaternary Propargyl Amines by Highly Enantioselective Zinc/BINOL-Catalyzed Alkynylation of Ketoimines. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 11992-8	4.8	70
43	Thioether-promoted direct olefination of polyfluoroarenes catalyzed by palladium. <i>Organic Letters</i> , <b>2013</b> , 15, 5266-9	6.2	31
42	Pd-catalyzed direct arylation of nitro(pentafluorosulfonyl)benzenes with aryl bromides. <i>Organic Letters</i> , <b>2013</b> , 15, 5004-7	6.2	28
41	Palladium-catalyzed ortho-selective C-F activation of polyfluoroarenes with triethylsilane: a facile access to partially fluorinated aromatics. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 5813-7	16.4	80
40	Pd-catalyzed oxidative cross-coupling between two electron rich heteroarenes. <i>Chemical Science</i> , <b>2013</b> , 4, 3508	9.4	36
39	Nickel-Catalyzed ortho-Selective Hydrodefluorination of N-Containing Heterocycle-Polyfluoroarenes. <i>Chinese Journal of Chemistry</i> , <b>2013</b> , 31, 873-877	4.9	14

38	Copper-catalyzed oxidative trifluoromethylthiolation of aryl boronic acids with TMSCF <sub>3</sub> and elemental sulfur. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 2492-5	16.4	269
37	Copper- and phosphine-ligand-free palladium-catalyzed direct allylation of electron-deficient polyfluoroarenes with allylic chlorides. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 14643-8	4.8	65
36	Copper-catalyzed dehydrogenative cross-coupling of benzothiazoles with thiazoles and polyfluoroarene. <i>Organic Letters</i> , <b>2012</b> , 14, 4950-3	6.2	93
35	Copper catalyzed cross-coupling of iodobenzoates with bromozinc-difluorophosphonate. <i>Organic Letters</i> , <b>2012</b> , 14, 1938-41	6.2	129
34	New interpretation of tectonic model in south Tibet. <i>Journal of Asian Earth Sciences</i> , <b>2012</b> , 56, 147-159	2.8	15
33	Pd-catalyzed dehydrogenative cross-coupling of polyfluoroarenes with heteroatom-substituted enones. <i>Organic Letters</i> , <b>2012</b> , 14, 1176-9	6.2	72
32	Palladium-Catalyzed Aerobic Dehydrogenative Cross-Coupling of Polyfluoroarenes with Thiophenes: Facile Access to Polyfluoroarene-Thiophene Structure. <i>Organometallics</i> , <b>2012</b> , 31, 1335-1340	3.8	79
31	Ductile deformation within Upper Himalaya Crystalline Sequence and geological implications, in Nyalam area, Southern Tibet. <i>Science Bulletin</i> , <b>2012</b> , 57, 3469-3481		11
30	Pd-catalyzed direct arylation of polyfluoroarenes on water under mild conditions using PPh <sub>3</sub> ligand. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 2992-8	4.2	80
29	Pd-catalyzed Highly Regio- and Stereocontrolled Direct Alkenylation of Electron-deficient Polyfluoroarenes. <i>Chemistry Letters</i> , <b>2011</b> , 40, 978-979	1.7	18
28	Highly diastereoselective synthesis of quaternary $\alpha$ -trifluoromethyl $\beta$ -amino acids by addition of benzylzinc reagents to chiral imines of trifluoropyruvate. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 4675-4677	2	12
27	Direct palladium-catalyzed intermolecular allylation of highly electron-deficient polyfluoroarenes. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 5918-23	16.4	142
26	Biosynthesis of the antimicrobial peptide epilancin 15X and its N-terminal lactate. <i>Chemistry and Biology</i> , <b>2011</b> , 18, 857-67		56
25	Pd-catalyzed direct cross-coupling of electron-deficient polyfluoroarenes with heteroaromatic tosylates. <i>Organic Letters</i> , <b>2011</b> , 13, 4374-7	6.2	72
24	Highly enantioselective zinc/BINOL-catalyzed alkynylation of $\beta$ -ketoimine ester: a new entry to optically active quaternary $\alpha$ -CF <sub>3</sub> $\beta$ -amino acids. <i>Chemical Communications</i> , <b>2011</b> , 47, 5587-9	5.8	66
23	Direct Pd-catalyzed benzylation of highly electron-deficient perfluoroarenes. <i>Chemical Communications</i> , <b>2010</b> , 46, 4926-8	5.8	57
22	Pd(OAc) <sub>2</sub> catalyzed olefination of highly electron-deficient perfluoroarenes. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 4506-7	16.4	179
21	Pd-catalyzed oxidative cross-coupling of perfluoroarenes with aromatic heterocycles. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 12850-2	16.4	288



20	Highly diastereoselective synthesis of quaternary $\alpha$ -trifluoromethyl $\beta$ -amino acids from chiral imines of trifluoropyruvate. <i>Chemical Communications</i> , <b>2010</b> , 46, 8029-31	5.8	38
19	Diastereoselective synthesis of propargylic fluorides and its application in preparation of monofluorinated sugar. <i>Tetrahedron</i> , <b>2010</b> , 66, 5218-5228	2.4	9
18	CuBr-catalyzed oxidative difluoromethylation of tertiary amines with difluoroenol silyl ethers. <i>Organic Letters</i> , <b>2009</b> , 11, 2197-200	6.2	97
17	Using expressed protein ligation to probe the substrate specificity of lantibiotic synthetases. <i>Methods in Enzymology</i> , <b>2009</b> , 462, 117-34	1.7	5
16	Stereoselective Reformatskii-Claisen rearrangement: synthesis of 2'S3Sdideoxy-6'S6Sdifluoro-2'Sthionucleosides. <i>Chemical Communications</i> , <b>2009</b> , 1505-7	5.8	8
15	Highly diastereoselective Zn/SnCl <sub>2</sub> -mediated gem-difluoroallylation of chiral hydrazones. <i>Organic Letters</i> , <b>2009</b> , 11, 73-6	6.2	24
14	Ruthenium-catalyzed 1,3-dipolar cycloaddition of trifluoromethylated propargylic alcohols with azides. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 3927-3930	2	30
13	On the substrate specificity of dehydration by lactacin 481 synthetase. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 2212-3	16.4	33
12	On the regioselectivity of thioether formation by lactacin 481 synthetase. <i>Organic Letters</i> , <b>2007</b> , 9, 3343-6	6.2	26
11	Synthesis of 3-deoxy-3,3-difluoro-d-ribohexose from gem-difluorohomoallyl alcohol. <i>Journal of Fluorine Chemistry</i> , <b>2007</b> , 128, 535-539	2.1	9
10	Stereocontrolled Synthesis of gem-Difluoromethylenated Goniodiols and Goniothalamine Epoxides Based on Ring-Closing Metathesis. <i>Synthesis</i> , <b>2006</b> , 2006, 2535-2542	2.9	3
9	Synthesis of L-beta-3'Sdeoxy-3'S3Sdifluoro-4'Sthionucleosides. <i>Organic Letters</i> , <b>2006</b> , 8, 6083-6	6.2	17
8	Synthesis of L- and D-beta-3'SDeoxy-3'S3Sdifluoronucleosides. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 2820-4	4.2	17
7	Synthesis of nonproteinogenic amino acids to probe lantibiotic biosynthesis. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 6685-92	4.2	22
6	Synthesis of new 2'S3Sdideoxy-6'S6Sdifluoro-3'Sthionucleoside from gem-difluorohomoallyl alcohol. <i>Organic Letters</i> , <b>2004</b> , 6, 3941-4	6.2	25
5	3-deoxy-3,3-difluoro-D-arabinofuranose: first stereoselective synthesis and application in preparation of gem-difluorinated sugar nucleosides. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 9026-33	4.2	51
4	Synthesis of novel L-2'S3Sdideoxy-2'Strifluoromethyl-4'S thiocytidines from $\alpha$ -trifluoromethyl- $\alpha$ , $\beta$ -unsaturated ester. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 1016-9	4.2	22
3	A one-pot synthesis of (E)- $\beta$ -bromo- $\beta$ -unsaturated esters and their trifluoromethylation: a general and stereoselective route to (E)- $\beta$ -trifluoromethyl- $\beta$ -unsaturated esters. <i>Tetrahedron Letters</i> , <b>2001</b> , 42, 5929-5931	2	28



2	A new route to $\alpha$ -trifluoromethyl- $\beta$ -unsaturated esters. <i>Tetrahedron Letters</i> , <b>2000</b> , 41, 2953-2955	2	25
1	Synthesis of 2,3,5-trideoxy-2-trifluoromethyl nucleosides from $\alpha$ -trifluoromethyl- $\alpha,\beta$ -unsaturated ester. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 7075-82	4-2	44