

# Jin-Tao Liu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Decarboxylative aldol reaction of $\alpha,\alpha$ -difluoro- $\beta$ -keto acids and isatins: A facile synthesis of 3-difluoroalkyl-3-hydroxyoxindole derivatives. <i>Journal of Fluorine Chemistry</i> , 2022, 253, 109930.	1.7	1
2	Synthesis of $\alpha$ -alkynyl perfluoroalkyl sulfoxides by the reaction of terminal alkynes and perfluoroalkanesulfinyl chlorides. <i>Tetrahedron</i> , 2021, 83, 131994.	1.9	4
3	A New Approach for the Synthesis of Perfluoroalkanesulfenic Acids. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1919-1923.	2.4	3
4	CF <sub>3</sub> SOCl-promoted intramolecular cyclization of $\beta$ -diketones: An efficient synthesis of flavones. <i>Tetrahedron</i> , 2021, 91, 132226.	1.9	10
5	Oxytrifluoromethylthiolation of 2,3-Allenolates with Trifluoromethanesulfinyl Chloride: A Synthetic Approach to Trifluoromethylthiolated 4-oxo-2(E)-alkenoates and Furans. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2882-2887.	4.3	9
6	Triflylation of 1,4-Benzoquinones with sodium trifluoromethanesulfinate. <i>Journal of Fluorine Chemistry</i> , 2019, 228, 109410.	1.7	5
7	Novel Bifunctionalization of Activated Methylene: Base-Promoted Trifluoromethylthiolation of $\beta$ -Diketones with Trifluoromethanesulfinyl Chloride. <i>Chemistry - A European Journal</i> , 2019, 25, 10797-10802.	3.3	19
8	Asymmetric aza-Henry reaction of fluoromethylated imines catalyzed by cinchona-derived bifunctional thiourea. <i>Tetrahedron</i> , 2019, 75, 603-607.	1.9	7
9	POCl <sub>3</sub> -Promoted Trifluoromethylthiolation-Based Vicinal Bifunctionalization of Indoles with CF <sub>3</sub> SO <sub>2</sub> Na. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2078-2081.	2.4	30
10	Copper-catalyzed Intramolecular Carbotrifluoromethylation of Ene-Imines for the Construction of 3-(2,2,2-trifluoro)ethylated 4-Amino-Chromans. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1402-1406.	4.3	10
11	Transition metal-free aminofluorination of $\beta,\beta$ -unsaturated hydrazones: base-controlled regioselective synthesis of fluorinated dihydropyrazole and tetrahydropyridazine derivatives. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1155-1159.	4.5	16
12	Regio- and diastereoselective Reformatsky reaction of chiral fluoroalkyl $\alpha,\beta$ -unsaturated N-tert-butanesulfinyl ketimines: Efficient asymmetric synthesis of $\beta$ -fluoroalkyl $\beta$ -vinyl $\beta$ -amino esters. <i>Tetrahedron</i> , 2018, 74, 3074-3080.	1.9	17
13	Diastereoselective Trifluoromethylation of Chiral $\alpha,\beta$ -Unsaturated $\alpha$ -N-tert-butanesulfinyl Ketimines with Ruppert-Prakash Reagent: Asymmetric Synthesis of $\alpha$ -Tertiary Trifluoromethyl Allylic Amines. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3418-3423.	4.3	10
14	Decarboxylative difluoromethylation of aldehydes with PhSO <sub>2</sub> CF <sub>2</sub> COOK: A facile and efficient access to difluoromethylated carbinols. <i>Tetrahedron Letters</i> , 2018, 59, 3184-3187.	1.4	7
15	Preparation and Reactions of Perfluoroalkanesulfonyl Chlorides. <i>Chinese Journal of Chemistry</i> , 2017, 35, 442-446.	4.9	8
16	Selective Trifluoromethylthiolation and Trifluoromethylsulfonylation of Indoles with Sodium Trifluoromethanesulfinate Promoted by Phosphorus Reagents. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3505-3511.	2.4	41
17	Base-controlled reaction of $\alpha,\beta$ -unsaturated trifluoromethyl ketone and dialkyl phosphite. <i>Tetrahedron Letters</i> , 2017, 58, 1871-1874.	1.4	9
18	Synthesis of Fluoromethyl-Substituted Isoxazolines via Transition Metal-Free Oxyfluorination of Alkenyl Oximes. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1626-1630.	4.3	29

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19	An efficient method for the synthesis of gem-difluoroolefins. <i>Tetrahedron Letters</i> , 2017, 58, 482-485.	1.4	10
20	The preparation and cycloaddition reaction of 1-sulfonyl-1-trifluoromethyl allenes. <i>Tetrahedron Letters</i> , 2017, 58, 3377-3379.	1.4	12
21	Copper-Catalyzed Diastereoselective Synthesis of Trifluoromethylated Tetrahydrofurans. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1322-1327.	4.3	18
22	The addition of polyfluoroalkanesulfenic acids to alkenes. <i>Journal of Fluorine Chemistry</i> , 2016, 185, 24-30.	1.7	8
23	Synthesis of trifluoromethylated compounds from alcohols via alkoxydiphenylphosphines. <i>Journal of Fluorine Chemistry</i> , 2015, 178, 254-259.	1.7	8
24	One-pot asymmetric reductive amination of ketones induced by polyfluoroalkanesulfinamide. <i>Journal of Fluorine Chemistry</i> , 2015, 173, 18-22.	1.7	4
25	Metal-Mediated Reformatsky Reaction of Bromodifluoromethyl Ketone and Imine. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1144-1151.	2.4	19
26	Copper-catalyzed stereoselective oxytrifluoromethylation of propargyl amides for the construction of oxazolines. <i>Organic Chemistry Frontiers</i> , 2015, 2, 542-547.	4.5	21
27	Synthesis of Chiral $\alpha$ -Aminomalonates from $\alpha$ -Chlorotetrafluoroethanesulfinyl Aldimines through the Mannich Reaction. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3109-3115.	2.4	5
28	Highly enantioselective direct Michael addition of 1,3-dicarbonyl compounds to $\beta$ -fluoroalkyl- $\alpha$ -nitroalkenes. <i>Tetrahedron</i> , 2014, 70, 2523-2528.	1.9	18
29	Synthesis and Identification of Solution-Stable Sulfenic Acids: Perfluoroalkanesulfenic Acids. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1182-1188.	2.4	17
30	2-Chlorotetrafluoroethanesulfinamide induced asymmetric vinylogous Mannich reaction. <i>Tetrahedron</i> , 2014, 70, 1236-1245.	1.9	14
31	Copper-Catalyzed Intramolecular Carbotrifluoromethylation of Alkynes for the Construction of Trifluoromethylated Heterocycles. <i>Chemistry - A European Journal</i> , 2014, 20, 15315-15319.	3.3	41
32	Asymmetric Pudovik Reaction of Chiral Fluoroalkyl $\alpha$ -Unsaturated Ketimines and Diphenyl Phosphite. <i>Chinese Journal of Chemistry</i> , 2014, 32, 1003-1006.	4.9	14
33	Copper-Catalyzed Regioselective Oxytrifluoromethylation of Allenes Using a $CF_3$ -Transfer Reagent. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2907-2912.	4.3	28
34	A practical route for the highly stereoselective synthesis of tetrasubstituted fluoroalkenes. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 467-473.	2.8	17
35	The Synthesis and Strecker Reaction of 2-Chlorotetrafluoroethanesulfinyl Ketimines. <i>Journal of Organic Chemistry</i> , 2014, 79, 3215-3220.	3.2	10
36	Enantioselective Michael addition of cyclic ketones to nitroolefins catalyzed by a novel fluorine-insertion organocatalyst. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 212-218.	1.8	11

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37	A Synthetic Approach to Tetrasubstituted Alkenes: Using $\beta$ -Carbonyl Benzothiazolyl Sulfones as Electrophiles. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6510-6513.	2.4	10
38	Metal-mediated Reformatsky reaction of bromodifluoromethyl ketone and aldehyde using water as solvent. <i>Journal of Fluorine Chemistry</i> , 2013, 156, 45-50.	1.7	13
39	Synthesis of 2,2-difluoro-2H-chromenes through the tandem reaction of ethyl 3-bromo-3,3-difluoropropionate with salicylaldehyde derivatives. <i>Tetrahedron</i> , 2013, 69, 10820-10825.	1.9	11
40	The Regio-specific solvent controlled asymmetric Strecker reaction of trifluoromethyl $\beta$ -unsaturated N-tert-butanesulfinyl ketimines with trimethylsilyl cyanide. <i>Journal of Fluorine Chemistry</i> , 2012, 144, 102-107.	1.7	16
41	Regiospecific and diastereoselective aldol reaction of chiral N-sulfinyl metalloenamines with $\beta$ -unsaturated trifluoromethyl ketones: Asymmetric synthesis of tertiary trifluoromethyl allylic carbinols. <i>Journal of Fluorine Chemistry</i> , 2012, 133, 102-107.	1.7	15
42	Optically Pure Polyfluoroalkanesulfinamides: Synthesis and Application as Promising and Monitorable Chiral Auxiliaries. <i>Journal of Organic Chemistry</i> , 2011, 76, 4675-4681.	3.2	28
43	Per(poly)fluoroalkanesulfinamides assisted diastereoselective three-component inverse-electron-demand aza Diels-Alder reaction. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 74-77.	2.8	32
44	Asymmetric aza-Henry reaction of chiral fluoroalkyl $\beta$ -unsaturated N-tert-butanesulfinyl ketoimines: an efficient approach to enantiopure fluoroalkylated $\beta$ -diamines and $\beta$ -diamino acids. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3625.	2.8	44
45	Perfluoroalkylation of aromatics. <i>Chinese Journal of Chemistry</i> , 2010, 11, 272-279.	4.9	9
46	Synthesis of 4-fluoroalkyl-2H-pyrido [1, 2-a] pyrimidin-2-ones from 2, 2-dihydropolyfluoroalkanoic acids. <i>Chinese Journal of Chemistry</i> , 2010, 19, 1268-1272.	4.9	2
47	Iodocyclization of trifluoromethylallenic phosphonates: an efficient approach to trifluoromethylated oxaphospholenes. <i>Tetrahedron</i> , 2010, 66, 9729-9732.	1.9	24
48	The addition of perfluoroalkanesulfinyl chlorides to alkoxyallenes. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 329-331.	1.7	6
49	Asymmetric synthesis of either diastereomer of trifluoromethylated allylic amines by the selective reduction of trifluoromethyl $\beta$ -unsaturated N-tert-butanesulfinyl ketoimines. <i>Chemical Communications</i> , 2008, , 5233.	4.1	51
50	Regiospecific Organocatalytic Asymmetric Aldol Reaction of Methyl Ketones and $\beta$ -Unsaturated Trifluoromethyl Ketones. <i>Organic Letters</i> , 2007, 9, 1343-1345.	4.6	93
51	Unusual Cycloadducts from the Dipolar Cycloaddition of Allenyl Perfluoroalkyl Sulfones to Nitrones. <i>Chinese Journal of Chemistry</i> , 2007, 25, 649-652.	4.9	12
52	Conjugate Additions of Secondary Amines and Water to Allenyl Perfluoroalkyl Sulfones. <i>Chinese Journal of Chemistry</i> , 2006, 24, 775-780.	4.9	12
53	Diastereoselectivity-switchable and regiospecific hetero Diels-Alder reaction of N-sulfinylper(poly)fluoroalkanesulfinamides with dienes. <i>Tetrahedron</i> , 2005, 61, 6982-6987.	1.9	14
54	Synthesis of $\beta$ -fluoroalkyl Isoxazolidines via 1,3-dipolar cycloaddition of ethyl 2-hydropolyfluoroalkanoates with nitrones. <i>Chinese Journal of Chemistry</i> , 2004, 22, 945-949.	4.9	3

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55	A Convenient Synthesis of 2-arylper(poly) fluoroacylindoles. Chinese Journal of Chemistry, 2002, 20, 1330-1333.	4.9	3
56	Synthesis of polyfluoroalkylated glycerol and crown ether. Chinese Journal of Chemistry, 1995, 13, 251-262.	4.9	3
57	Perfluoroalkylation of benzo crown ethers with sodium perfluoroalkanesulfonates in the presence of oxidant. Chinese Journal of Chemistry, 1994, 12, 283-288.	4.9	5
58	The reaction of perhalofluoroalkanes with sodium hydrogen sulfite or sodium dithionite in the presence of triethylamine. Chinese Journal of Chemistry, 1994, 12, 528-533.	4.9	2
59	Synthesis and properties of perfluoroalkylcalix[4]arenes. Chinese Journal of Chemistry, 1993, 11, 370-375.	4.9	6