

# Ruo-Xing Jin

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Facile synthesis of axially chiral styrene-type carboxylic acids <i>via</i> palladium-catalyzed asymmetric C-H activation. <i>Chemical Science</i> , 2021, 12, 3726-3732.	7.4	62
2	Nickel-Catalyzed C-H Trifluoromethylation of Electron-Rich Heteroarenes. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3528-3533.	4.3	59
3	Novel and facile synthesis of 1-benzazepines via copper-catalyzed oxidative C(sp <sup>3</sup> )-C(sp <sup>2</sup> )-H cross-coupling. <i>Chemical Communications</i> , 2017, 53, 12229-12232.	4.1	45
4	Copper-Catalyzed Dichloromethylazidation of Alkenes Using BrCCl <sub>2</sub> H as a Stoichiometric Dichloromethylating Reagent. <i>Organic Letters</i> , 2018, 20, 7283-7287.	4.6	43
5	Enantioselective Copper-Catalyzed Remote C(sp <sup>3</sup> )-H Alkynylation of Linear Primary Sulfonamides. <i>Organic Letters</i> , 2020, 22, 4006-4009.	4.6	37
6	Enantioselective Copper-Catalyzed Cyanation of Remote C(sp <sup>3</sup> )-H Bonds Enabled by 1,5-Hydrogen Atom Transfer. <i>IScience</i> , 2019, 21, 490-498.	4.1	35
7	Development of Axially Chiral Styrene-Type Carboxylic Acid Ligands via Palladium-Catalyzed Asymmetric C-H Alkynylation. <i>Organic Letters</i> , 2021, 23, 8132-8137.	4.6	34
8	Copper-catalyzed oxidative C(sp <sup>3</sup> )-C(sp <sup>2</sup> )-H cross-coupling en route to carbocyclic rings. <i>Chemical Science</i> , 2017, 8, 3838-3842.	7.4	29
9	Highly stereoselective nickel-catalyzed difluoroalkylation of aryl ketones to tetrasubstituted monofluoroalkenes and quaternary alkyl difluorides. <i>Chemical Science</i> , 2019, 10, 9285-9291.	7.4	22
10	Nickel-Catalyzed Heck-Type Monofluoroacetylation of Styrenes for Facile Synthesis of Allylic Fluorides. <i>Chemistry - an Asian Journal</i> , 2018, 13, 261-265.	3.3	19
11	Copper-Catalyzed Intramolecular Amination of C(sp <sup>3</sup> )-H Bond of Secondary Amines to Access Azacycles. <i>Organic Letters</i> , 2021, 23, 421-426.	4.6	16
12	Selective 1,4-arylsulfonation of 1,3-enynes <i>via</i> photoredox/nickel dual catalysis. <i>Organic Chemistry Frontiers</i> , 2022, 9, 788-794.	4.5	14
13	Copper-catalyzed monochloromethylazidation to access transformable terminal alkyl chlorides using stoichiometric BrCH <sub>2</sub> Cl. <i>Chemical Communications</i> , 2021, 57, 5666-5669.	4.1	6
14	Fragment-Based Discovery of AF9 YEATS Domain Inhibitors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3893.	4.1	3