

Xiao-Yu Lu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Copper-Catalyzed S_N2 -Selective Allylic Substitution Reaction of <i>gem</i> -Diborylalkanes. <i>Organic Letters</i> , 2016, 18, 952-955.	4.6	81
2	Copper-catalyzed cross-coupling reactions of epoxides with <i>gem</i> -diborylmethane: access to β -hydroxyl boronic esters. <i>Chemical Communications</i> , 2016, 52, 4891-4893.	4.1	70
3	1,1-Disubstituted olefin synthesis via Ni-catalyzed Markovnikov hydroalkylation of alkynes with alkyl halides. <i>Chemical Communications</i> , 2016, 52, 5324-5327.	4.1	41
4	Cu-Catalyzed cross-coupling reactions of epoxides with organoboron compounds. <i>Chemical Communications</i> , 2015, 51, 2388-2391.	4.1	36
5	Synthesis of <i>gem</i> -difluoroalkenes via nickel-catalyzed allylic defluorinative reductive cross-coupling of trifluoromethyl alkenes with epoxides. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3674-3678.	2.8	26
6	Trisubstituted olefin synthesis via Ni-catalyzed hydroalkylation of internal alkynes with non-activated alkyl halides. <i>Chemical Communications</i> , 2018, 54, 4417-4420.	4.1	23
7	Pd-Catalyzed decarboxylative cross-coupling reactions of epoxides with α,β -unsaturated carboxylic acids. <i>Chemical Communications</i> , 2019, 55, 11123-11126.	4.1	19
8	Base-free Ni-catalyzed Suzuki-type cross-coupling reactions of epoxides with boronic acids. <i>Chemical Communications</i> , 2020, 56, 109-112.	4.1	17
9	Dual Nickel/Ruthenium Strategy for Photoinduced Decarboxylative Cross-Coupling of α,β -Unsaturated Carboxylic Acids with Cycloketone Oxime Esters. <i>Journal of Organic Chemistry</i> , 2021, 86, 8829-8842.	3.2	17
10	Copper-catalyzed Borylation of Primary and Secondary Alkyl Halides with Bis(neopentyl glycolate) Diboron at Room Temperature. <i>Chemistry Letters</i> , 2016, 45, 200-202.	1.3	13
11	Cu-catalyzed cross-coupling reactions of vinyl epoxide with organoboron compounds: access to homoallylic alcohols. <i>RSC Advances</i> , 2018, 8, 41561-41565.	3.6	13
12	Synthesis of trisubstituted alkenes by Ni-catalyzed hydroalkylation of internal alkynes with cycloketone oxime esters. <i>Chemical Communications</i> , 2020, 56, 14191-14194.	4.1	11
13	Exploration of Biaryl Carboxylic Acids as Proton Shuttles for the Selective Functionalization of Indole C-H Bonds. <i>Journal of Organic Chemistry</i> , 2018, 83, 5791-5800.	3.2	9
14	Iron-catalyzed decarboxylative and oxidative decarbonylative cross-coupling: a new strategy for the synthesis of monofluoroalkenes. <i>Organic Chemistry Frontiers</i> , 2022, 9, 831-837.	4.5	9
15	Stereoconvergent Synthesis of Monofluoroalkenes via Photoinduced Dual Decarboxylative Cross-Coupling of α -Fluoroacrylic Acids with Redox-Active Esters. <i>Journal of Organic Chemistry</i> , 2022, 87, 4654-4669.	3.2	9
16	Synthesis of trisubstituted olefins via nickel-catalyzed decarboxylative hydroalkylation of internal alkynes. <i>Tetrahedron</i> , 2018, 74, 6979-6984.	1.9	7
17	Unprecedented copper-mediated oxidative demethylation of propionamides via bidentate-chelation assistance. <i>Chemical Communications</i> , 2016, 52, 1242-1245.	4.1	5
18	Photoinduced copper-catalyzed dual decarboxylative coupling of α,β -unsaturated carboxylic acids with redox-active esters. <i>Tetrahedron</i> , 2021, 92, 132259.	1.9	4