Xi Lu

List of Publications by Year in descending order

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44 papers	3,064 citations	172457 29 h-index	214800 47 g-index
61 all docs	61 docs citations	61 times ranked	2262 citing authors

#	Article	IF	Citations
1	NiH-Catalyzed Reductive Hydrocarbonation of Enol Esters and Ethers. CCS Chemistry, 2022, 4, 605-615.	7.8	40
2	Synthesis of gem-Difluoroalkenes through Nickel-Promoted Electrochemical Reductive Cross-Coupling. Chinese Journal of Organic Chemistry, 2022, 42, 147.	1.3	8
3	NiH-catalysed proximal-selective hydroalkylation of unactivated alkenes and the ligand effects on regioselectivity. Nature Communications, 2022, 13, 1890.	12.8	41
4	Nickelâ€Catalyzed Switchable Siteâ€Selective Alkene Hydroalkylation by Temperature Regulation**. Angewandte Chemie, 2022, 134, .	2.0	8
5	Nickelâ€Catalyzed Switchable Siteâ€Selective Alkene Hydroalkylation by Temperature Regulation**. Angewandte Chemie - International Edition, 2022, 61, .	13.8	37
6	Catalytic asymmetric reductive hydroalkylation of enamides and enecarbamates to chiral aliphatic amines. Nature Communications, 2021, 12, 1313.	12.8	101
7	Cobalt-catalysed enantioselective C(sp3)â€“C(sp3) coupling. Nature Catalysis, 2021, 4, 901-911.	34.4	65
8	Nickel-Catalyzed Enantioconvergent Reductive Hydroalkylation of Olefins with Î±-Heteroatom Phosphorus or Sulfur Alkyl Electrophiles. Journal of the American Chemical Society, 2020, 142, 214-221.	13.7	135
9	Recent advances in nickel-catalyzed reductive hydroalkylation and hydroarylation of electronically unbiased alkenes. Science China Chemistry, 2020, 63, 1586-1600.	8.2	109
10	Nickel-catalyzed three-component olefin reductive dicarbofunctionalization to access alkylborates. Chemical Science, 2020, 11, 7950-7956.	7.4	52
11	Nickel-catalyzed allylic defluorinative alkylation of trifluoromethyl alkenes with reductive decarboxylation of redox-active esters. Chemical Science, 2019, 10, 809-814.	7.4	167
12	Vicinal Diboration of Alkyl Bromides via Tandem Catalysis. Organic Letters, 2019, 21, 4298-4302.	4.6	13
13	Synthesis of Conjugated Boronâ€Enynes via cisâ€Alkynylboration of Terminal Alkynes. Advanced Synthesis and Catalysis, 2019, 361, 3937-3942.	4.3	13
14	Free Radical Pathway Cleavage of Câ€”O Bonds for the Synthesis of Alkylboron Compounds. Chinese Journal of Chemistry, 2019, 37, 11-18.	4.9	30
15	Exploration of Biaryl Carboxylic Acids as Proton Shuttles for the Selective Functionalization of Indole Câ€“H Bonds. Journal of Organic Chemistry, 2018, 83, 5791-5800.	3.2	9
16	Rhodium(III)-Catalyzed Directed Câ€“H Coupling with Methyl Trifluoroacrylate: Diverse Synthesis of Fluoroalkenes and Heterocycles. Organic Letters, 2018, 20, 570-573.	4.6	48
17	Transition-metal-catalyzed C H functionalization for late-stage modification of peptides and proteins. Chinese Chemical Letters, 2018, 29, 1001-1008.	9.0	50
18	Selective modification of natural nucleophilic residues in peptides and proteins using arylpalladium complexes. Organic Chemistry Frontiers, 2018, 5, 3186-3193.	4.5	30

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19	Probing the interplay between chain diffusion and polymer crystal growth under nanoscale confinement: a study by single molecule fluorescence microscopy. Science China Chemistry, 2018, 61, 1440-1446.	8.2	4
20	Copper-Catalyzed Reagent-Controlled Regioselective Cyanoborylation of Vinylarenes. Organic Letters, 2018, 20, 5208-5212.	4.6	24
21	Iron-mediated remote Câ€“H bond benzylation of 8-aminoquinoline amides. Tetrahedron Letters, 2017, 58, 1912-1916.	1.4	20
22	Copper-catalyzed propargylation of diborylmethane. Chemical Communications, 2017, 53, 3551-3554.	4.1	34
23	Copper-catalyzed/mediated borylation reactions of epoxides with diboron reagents: access to Î²-hydroxyl boronic esters. Chemical Communications, 2017, 53, 909-912.	4.1	17
24	Copperâ€Catalyzed Alkynylboration of Alkenes with Diboron Reagents and Bromoalkynes. Chemistry - an Asian Journal, 2017, 12, 2884-2888.	3.3	34
25	Nickel-Catalyzed Defluorinative Reductive Cross-Coupling of gem-Difluoroalkenes with Unactivated Secondary and Tertiary Alkyl Halides. Journal of the American Chemical Society, 2017, 139, 12632-12637.	13.7	214
26	Nickel-catalyzed synthesis of 1,1-diborylalkanes from terminal alkenes. Nature Communications, 2017, 8, 345.	12.8	110
27	Formation of C(sp³)â€“C(sp³) Bonds through Nickelâ€Catalyzed Decarboxylative Olefin Hydroalkylation Reactions. Chemistry - A European Journal, 2016, 22, 11161-11164.	3.3	60
28	Pd-catalyzed cross-coupling of 1,1-diborylalkanes with aryl triflates. RSC Advances, 2016, 6, 51932-51935.	3.6	28
29	Directing Group in Decarboxylative Cross-Coupling: Copper-Catalyzed Site-Selective Câ€“N Bond Formation from Nonactivated Aliphatic Carboxylic Acids. Journal of the American Chemical Society, 2016, 138, 9714-9719.	13.7	72
30	Practical carbonâ€“carbon bond formation from olefins through nickel-catalyzed reductive olefin hydrocarbonation. Nature Communications, 2016, 7, 11129.	12.8	221
31	Synthesis of unnatural amino acids through palladium-catalyzed C(sp3)H functionalization. Chinese Chemical Letters, 2016, 27, 305-311.	9.0	75
32	1,1-Disubstituted olefin synthesis via Ni-catalyzed Markovnikov hydroalkylation of alkynes with alkyl halides. Chemical Communications, 2016, 52, 5324-5327.	4.1	41
33	Copper-Catalyzed S_N2â€²-Selective Allylic Substitution Reaction of gem-Diborylalkanes. Organic Letters, 2016, 18, 952-955.	4.6	81
34	Ligandâ€Controlled Regiodivergent Copperâ€Catalyzed Alkylboration of Alkenes. Angewandte Chemie - International Edition, 2015, 54, 12957-12961.	13.8	164
35	Cu-Catalyzed cross-coupling reactions of epoxides with organoboron compounds. Chemical Communications, 2015, 51, 2388-2391.	4.1	36
36	Copper-Catalyzed/Promoted Cross-coupling of gem-Diborylalkanes with Nonactivated Primary Alkyl Halides: An Alternative Route to Alkylboronic Esters. Organic Letters, 2014, 16, 6342-6345.	4.6	147

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37	Cu-Catalyzed Suzukiâ€“Miyaura reactions of primary and secondary benzyl halides with arylboronates. Chemical Communications, 2014, 50, 11060-11062.	4.1	76
38	Copperâ€Catalyzed Reductive Crossâ€Coupling of Nonactivated Alkyl Tosylates and Mesylates with Alkyl and Aryl Bromides. Chemistry - A European Journal, 2014, 20, 15334-15338.	3.3	95
39	Expedient Synthesis of Chiral Î±â€Amino Acids through Nickelâ€Catalyzed Reductive Crossâ€Coupling. Chemistry - A European Journal, 2014, 20, 15339-15343.	3.3	39
40	Nickelâ€Catalyzed Sonogashira Reactions of Nonâ€activated Secondary Alkyl Bromides and Iodides. Angewandte Chemie - International Edition, 2013, 52, 12409-12413.	13.8	125
41	Copper-Promoted Sandmeyer Trifluoromethylation Reaction. Journal of the American Chemical Society, 2013, 135, 8436-8439.	13.7	260
42	Differential expression of ISG20 in chronic hepatitis B patients and relation to interferonâ€alpha therapy response. Journal of Medical Virology, 2013, 85, 1506-1512.	5.0	12
43	Î²â€Aryl Nitrile Construction via Palladiumâ€Catalyzed Decarboxylative Benzylation of Î±â€Cyano Aliphatic Carboxylate Salts. Advanced Synthesis and Catalysis, 2012, 354, 2465-2472.	4.3	42
44	Effect of Particle Size and Capping on Photoluminescence Quantum Efficiency of 1,3,5â€Triphenylâ€2â€pyrazoline Nanocrystals. Chinese Journal of Chemistry, 2003, 21, 79-82.	4.9	1