

Li-Jie Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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516710

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	C ^α -C and C ^α -X coupling reactions of unactivated alkyl electrophiles using copper catalysis. <i>Chemical Society Reviews</i> , 2020, 49, 8036-8064.	38.1	132
2	Copper-Catalyzed Carbonylative Coupling of Alkyl Halides. <i>Accounts of Chemical Research</i> , 2021, 54, 2261-2274.	15.6	84
3	Cu-Catalyzed Hydrocarbonylative C ^α -C Coupling of Terminal Alkynes with Alkyl Iodides. <i>Journal of the American Chemical Society</i> , 2017, 139, 10200-10203.	13.7	81
4	Copper-Catalyzed Borocarbonylative Coupling of Internal Alkynes with Unactivated Alkyl Halides: Modular Synthesis of Tetrasubstituted β -Borylenones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10328-10332.	13.8	62
5	Enantioselective Total Synthesis of (Δ^8)-THC and (Δ^9)-THC via Catalytic Asymmetric Hydrogenation and S _N Ar Cyclization. <i>Organic Letters</i> , 2013, 15, 764-767.	4.6	57
6	Synthesis of Allylic Alcohols via Cu-Catalyzed Hydrocarbonylative Coupling of Alkynes with Alkyl Halides. <i>Journal of the American Chemical Society</i> , 2018, 140, 1159-1164.	13.7	53
7	Cu/Mn bimetallic catalysis enables carbonylative Suzuki-Miyaura coupling with unactivated alkyl electrophiles. <i>Chemical Science</i> , 2017, 8, 4750-4755.	7.4	52
8	Enantioselective propargylic [1,3]-rearrangements: copper-catalyzed O-to-N migrations toward C ^α -N bond formation. <i>Chemical Science</i> , 2017, 8, 4299-4305.	7.4	51
9	Cu-Catalyzed Carbonylative Silylation of Alkyl Halides: Efficient Access to Acylsilanes. <i>Journal of the American Chemical Society</i> , 2020, 142, 80-84.	13.7	43
10	Heterobimetallic Control of Regioselectivity in Alkyne Hydrostannylation: Divergent Syntheses of β - and γ -Vinylstannanes via Cooperative Sn-H Bond Activation. <i>Journal of the American Chemical Society</i> , 2019, 141, 3710-3716.	13.7	35
11	Catalytic Nucleophilic Fluorination of Secondary and Tertiary Propargylic Electrophiles with a Copper-N ⁺ Heterocyclic Carbene Complex. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13734-13738.	13.8	30
12	Recent Advances in Catalytic Transformations Involving Copper Acetylides. <i>Synthesis</i> , 2017, 49, 790-801.	2.3	27
13	One-Step Synthesis of Acylboron Compounds via Copper-Catalyzed Carbonylative Borylation of Alkyl Halides**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2094-2098.	13.8	27
14	Divergent enantioselective synthesis of hapalindole-type alkaloids using catalytic asymmetric hydrogenation of a ketone to construct the chiral core structure. <i>Chemical Science</i> , 2016, 7, 4725-4729.	7.4	26
15	Enantioselective Synthesis of (Δ^5)-CP β via Ruthenium-Catalyzed Asymmetric Hydrogenation of Ketones. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1105-1113.	4.3	19
16	Enantioselective Palladium-Catalyzed Ring-Opening Reaction of Azabenzonorbornadienes with Methyl β -Iodobenzoate: An Efficient Access to β -Dihydrobenzo[<i>a</i>]phenanthridinones. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2833-2838.	4.3	19
17	Copper-Catalyzed Borocarbonylative Coupling of Internal Alkynes with Unactivated Alkyl Halides: Modular Synthesis of Tetrasubstituted β -Borylenones. <i>Angewandte Chemie</i> , 2018, 130, 10485-10489.	2.0	14
18	One-Step Synthesis of Acylboron Compounds via Copper-Catalyzed Carbonylative Borylation of Alkyl Halides**. <i>Angewandte Chemie</i> , 2021, 133, 2122-2126.	2.0	8

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19	From Propargylic Fluorinations to [1,3]-Rearrangements: Anion and Ligand Effects in Cu-Acetylide Chemistry. <i>Synlett</i> , 2018, 29, 1675-1682.	1.8	2