

Qingquan Lu

List of Publications by Year in descending order

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186265

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times ranked

2114
citing authors

#	ARTICLE	IF	CITATIONS
1	Dioxygen-Triggered Oxidative Radical Reaction: Direct Aerobic Difunctionalization of Terminal Alkynes toward β -Keto Sulfones. <i>Journal of the American Chemical Society</i> , 2013, 135, 11481-11484.	13.7	442
2	Aerobic Oxysulfonylation of Alkenes Leading to Secondary and Tertiary β -Hydroxysulfones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7156-7159.	13.8	361
3	Redox-Neutral Manganese(I)-Catalyzed C-H Activation: Traceless Directing Group Enabled Regioselective Annulation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12778-12782.	13.8	160
4	Manganese-catalyzed allylation via sequential C-H and C-C/C-H bond activation. <i>Chemical Science</i> , 2017, 8, 3379-3383.	7.4	157
5	Manganese(I)-Catalyzed Regioselective C-H Allenylation: Direct Access to β -Allenylindoles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6660-6664.	13.8	157
6	Control over Organometallic Intermediate Enables Cp*Co(III) Catalyzed Switchable Cyclization to Quinolines and Indoles. <i>ACS Catalysis</i> , 2016, 6, 2352-2356.	11.2	151
7	Solvent-Enabled Radical Selectivities: Controlled Syntheses of Sulfoxides and Sulfides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1094-1097.	13.8	145
8	Markovnikov-Selective Radical Addition of S-Nucleophiles to Terminal Alkynes through a Photoredox Process. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 595-599.	13.8	118
9	Relay cooperation of $K_2S_2O_8$ and O_2 in oxytrifluoromethylation of alkenes using CF_3SO_2Na . <i>Chemical Communications</i> , 2014, 50, 14101-14104.	4.1	101
10	Manganese(I)-Catalyzed C-H (β -Indolyl)methylation: Expedient Access to Diheteroarylmethanes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1399-1403.	13.8	85
11	Radical Enantioselective $C(sp^3)$ -H Functionalization. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 49-51.	13.8	79
12	NMP and O_2 as Radical Initiator: Trifluoromethylation of Alkenes to Tertiary β -Trifluoromethyl Alcohols at Room Temperature. <i>Organic Letters</i> , 2015, 17, 6034-6037.	4.6	72
13	Operando X-ray absorption and EPR evidence for a single electron redox process in copper catalysis. <i>Chemical Science</i> , 2015, 6, 4851-4854.	7.4	65
14	Electrochemical Borylation of Alkyl Halides: Fast, Scalable Access to Alkyl Boronic Esters. <i>Journal of the American Chemical Society</i> , 2021, 143, 12985-12991.	13.7	65
15	Dioxygen-induced oxidative activation of a P-H bond: radical oxyphosphorylation of alkenes and alkynes toward β -oxy phosphonates. <i>Chemical Communications</i> , 2016, 52, 12338-12341.	4.1	59
16	Mangan(I)-katalysierte regioselektive C-H-Alkylierung: direkte Synthese von β -Allenylindolen. <i>Angewandte Chemie</i> , 2017, 129, 6760-6764.	2.0	56
17	Copper-/Cobalt-Catalyzed Highly Selective Radical Dioxygenation of Alkenes. <i>Organic Letters</i> , 2015, 17, 3402-3405.	4.6	50
18	Regio- and Stereoselective Oxysulfonylation of Allenes. <i>Organic Letters</i> , 2016, 18, 3940-3943.	4.6	49

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19	Catalyst-Free Difunctionalization of Activated Alkenes in Water: Efficient Synthesis of β -Keto Sulfides and Sulfones. <i>Chemistry - A European Journal</i> , 2016, 22, 14489-14493.	3.3	47
20	Site-selective C-H activation and regiospecific annulation using propargylic carbonates. <i>Chemical Science</i> , 2019, 10, 6560-6564.	7.4	47
21	Epoxide Electroreduction. <i>Journal of the American Chemical Society</i> , 2022, 144, 1389-1395.	13.7	42
22	Redoxneutrale Mangan(I)-katalysierte C-H-Aktivierung: regioselektive Anellierung mithilfe einer spurlosen dirigierenden Gruppe. <i>Angewandte Chemie</i> , 2017, 129, 12954-12958.	2.0	41
23	Oxidation-Induced β -Selective C-H Bond Functionalization: Thiolation and Selenation of N-Heterocycles. <i>ACS Catalysis</i> , 2019, 9, 1888-1894.	11.2	41
24	Mn I /Ag I Relay Catalysis: Traceless Diazo-Assisted C(sp ²)-H/C(sp ³)-H Coupling to β -(Hetero)Aryl/Alkenyl Ketones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10732-10736.	13.8	39
25	Copper-Catalyzed Trifluoromethylation-Initiated Radical Oxidative Annulation toward Oxindoles. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 273-276.	2.7	38
26	Autoinductive thiolation/oxygenation of alkenes at room temperature. <i>Organic Chemistry Frontiers</i> , 2015, 2, 908-912.	4.5	38
27	O ₂ -mediated C(sp ²)-X bond oxygenation: autoxidative carbon-heteroatom bond formation using activated alkenes as a linkage. <i>RSC Advances</i> , 2015, 5, 24494-24498.	3.6	37
28	Solvent-Enabled Radical Selectivities: Controlled Syntheses of Sulfoxides and Sulfides. <i>Angewandte Chemie</i> , 2016, 128, 1106-1109.	2.0	25
29	Copper-Catalyzed Aerobic Decarboxylation/Ketooxygenation of Electron-Deficient Alkenes. <i>Chemistry - A European Journal</i> , 2015, 21, 18580-18583.	3.3	22
30	Markovnikov-Selective Radical Addition of S-Nucleophiles to Terminal Alkynes through a Photoredox Process. <i>Angewandte Chemie</i> , 2017, 129, 610-614.	2.0	22
31	Radikalische enantioselektive C(sp ³)-H-Funktionalisierung. <i>Angewandte Chemie</i> , 2017, 129, 49-51.	2.0	22
32	Mangan(I)-katalysierte C-H-(2-Indolyl)methylierung: ein einfacher Zugang zu Diheteroarylmethan-Derivaten. <i>Angewandte Chemie</i> , 2018, 130, 1413-1417.	2.0	22
33	Mn I /Ag I -Kaskadenkatalyse: spurlose diazoassistierte C(sp ²)-H/C(sp ³)-H-Kupplung für β -(Hetero)aryl- β -Alkenylketone. <i>Angewandte Chemie</i> , 2018, 130, 10892-10896.	2.0	14
34	Three Types of Products Obtained Unexpectedly from the Reaction of Dimedone with Chalcones. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4429-4438.	2.4	13
35	Autoxidative Coupling and Its Applications to C-H Functionalization. <i>Acta Chimica Sinica</i> , 2015, 73, 1245.	1.4	7
36	Recent Advances in Oxidative Coupling Reactions. <i>Chinese Journal of Organic Chemistry</i> , 2015, 35, 743.	1.3	6