

Minyan Li

List of Publications by Year in descending order

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34
papers

1,064
citations

394421

19
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

765
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition-metal-free chemo- and regioselective vinylation of azaallyls. <i>Nature Chemistry</i> , 2017, 9, 997-1004.	13.6	91
2	Synthesis of diarylmethylamines via palladium-catalyzed regioselective arylation of 1,1,3-triaryl-2-azaallyl anions. <i>Chemical Science</i> , 2014, 5, 2383.	7.4	86
3	Nickel-catalyzed arylation of heteroaryl-containing diarylmethanes: exceptional reactivity of the Ni(NIXANTPHOS)-based catalyst. <i>Chemical Science</i> , 2016, 7, 611-618.	7.4	79
4	Transition-Metal-Free Radical C(sp ³)–C(sp ²) and C(sp ³)–C(sp ³) Coupling Enabled by 2-Azaallyls as Super-Electron-Donors and Coupling-Partners. <i>Journal of the American Chemical Society</i> , 2017, 139, 16327-16333.	13.7	77
5	Cation–π Interactions in the Benzylic Arylation of Toluenes with Bimetallic Catalysts. <i>Journal of the American Chemical Society</i> , 2018, 140, 12415-12423.	13.7	72
6	Palladium-Catalyzed C–H Arylation of α,β -Unsaturated Imines: Catalyst-Controlled Synthesis of Enamine and Allylic Amine Derivatives. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2825-2829.	13.8	71
7	Palladium-Catalyzed Regioselective Arylation of 1,1,3-Triaryl-2-azaallyl Anions with Aryl Chlorides. <i>Organic Letters</i> , 2014, 16, 4312-4315.	4.6	63
8	Synthesis of Benzofuran Derivatives through Cascade Radical Cyclization/Intermolecular Coupling of α -Azaallyls. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2826-2830.	13.8	60
9	α -Azaallyl Anions as Light-Tunable Super-Electron-Donors: Coupling with Aryl Fluorides, Chlorides, and Bromides. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2854-2868.	4.3	39
10	Ligand-Enabled Pd(II)-Catalyzed C(sp ³)–H Lactonization Using Molecular Oxygen as Oxidant. <i>Organic Letters</i> , 2020, 22, 3960-3963.	4.6	38
11	Umpolung Synthesis of Diarylmethylamines via Palladium-Catalyzed Arylation of <i>N</i> -Benzyl Aldimines. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1910-1915.	4.3	33
12	Transition-metal-free C(sp ³)–H/C(sp ³)–H dehydrogenative coupling of saturated heterocycles with <i>N</i> -benzyl imines. <i>Chemical Science</i> , 2020, 11, 7619-7625.	7.4	32
13	Synthesis and cytotoxic activity of novel hexahydropyrrolo[2,3- <i>b</i>]indole imidazolium salts. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 460-465.	2.2	29
14	Total Syntheses of (<i>R</i>)-Strongylodiols C and D. <i>Journal of Natural Products</i> , 2016, 79, 244-247.	3.0	28
15	Palladium-Catalyzed Selective α -Alkenylation of Pyridylmethyl Ethers with Vinyl Bromides. <i>Organic Letters</i> , 2016, 18, 2371-2374.	4.6	27
16	An Efficient Route to Isochromene Derivatives via Cascade Radical Cyclization and Radical–Radical Coupling. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4354-4359.	4.3	24
17	Aryl Fluoride Activation through Palladium–Magnesium Bimetallic Cooperation: A Mechanistic and Computational Study. <i>ACS Catalysis</i> , 2020, 10, 7934-7944.	11.2	22
18	Palladium-Catalyzed α -Arylation of Methyl Sulfonamides with Aryl Chlorides. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2156-2162.	4.3	20

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19	Arylation of Azaarylmethylamines with Aryl Chlorides and a NiBr ₂ /NIXANTPHOS-based Catalyt. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2890-2894.	4.3	20
20	Palladium-Catalyzed C ^α -H Arylation of β,γ -Unsaturated Imines: Catalyst-Controlled Synthesis of Enamine and Allylic Amine Derivatives. <i>Angewandte Chemie</i> , 2016, 128, 2875-2879.	2.0	18
21	Chemoselective synthesis of aryl(pyridinyl)methanol derivatives through Ni-NIXANTPHOS catalyzed β -arylation and tandem arylation/rearrangement of pyridylmethyl ethers. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1870-1876.	4.5	16
22	Palladium-Catalyzed Alkenylation of Azaarylmethylamines with Vinyl Halides. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4837-4842.	4.3	14
23	Palladium-Catalyzed Decarboxylative Generation and Regiodivergent Prenylation of β -Azaallyl Anions. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3751-3757.	4.3	13
24	Room Temperature Benzofused Lactam Synthesis Enabled by Cobalt(III)-Catalyzed C(^α) ² -H Amidation. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1050-1058.	4.3	13
25	Metal-Free Synthesis of Phenol-Aryl Selenides via Dehydrogenative C-Se Coupling of Aryl Selenoxides with Phenols. <i>Journal of Organic Chemistry</i> , 2020, 85, 7386-7398.	3.2	12
26	Nickel-catalyzed enantioselective vinylation of aryl 2-azaallyl anions. <i>Chemical Science</i> , 2021, 12, 6406-6412.	7.4	11
27	Synthesis of Benzofuran Derivatives through Cascade Radical Cyclization/Intermolecular Coupling of β -Azaallyls. <i>Angewandte Chemie</i> , 2019, 131, 2852-2856.	2.0	10
28	Palladium-Catalyzed Allylic Alkylation of β,γ -Dithianes, an Umpolung Synthesis of β,γ -Unsaturated Ketones. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 502-509.	4.3	10
29	Super-Electron-Donor 2-Azaallyl Anions Enable Construction of Isoquinolines. <i>Organic Letters</i> , 2022, 24, 1786-1790.	4.6	10
30	Palladium-Catalyzed Chemoselective β -Arylation of Methyl Sulfones with Aryl Chlorides. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 654-657.	2.7	9
31	Sulfenate anions as organocatalysts for benzylic chloromethyl coupling polymerization via C=C bond formation. <i>Nature Communications</i> , 2018, 9, 1754.	12.8	9
32	β -Branched amines through radical coupling with 2-azaallyl anions, redox active esters and alkenes. <i>Chemical Science</i> , 2022, 13, 3740-3747.	7.4	5
33	Synthesis of Tryptamines from Radical Cyclization of 2-Iodoaryl Allenyl Amines and Coupling with 2-Azaallyls. <i>Journal of Organic Chemistry</i> , 2022, 87, 8099-8103.	3.2	3
34	Front Cover Picture: An Efficient Route to Isochromene Derivatives via Cascade Radical Cyclization and Radical-Radical Coupling (<i>Adv. Synth. Catal.</i> 18/2019). <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4147-4147.	4.3	0