

Guoyin Yin

List of Publications by Year in descending order

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papers

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citations

236612

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times ranked

1748
citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium(II)-Catalyzed Oxidative Difunctionalization of Alkenes: Bond Forming at a High-Valent Palladium Center. <i>Accounts of Chemical Research</i> , 2016, 49, 2413-2423.	7.6	563
2	Palladium-Catalyzed Intramolecular Aminofluorination of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2009, 131, 16354-16355.	6.6	292
3	Difunctionalization of Alkenes Involving Metal Migration. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7990-8003.	7.2	214
4	Scope and Mechanism of Allylic C ^α H Amination of Terminal Alkenes by the Palladium/PhI(OPiv) ₂ Catalyst System: Insights into the Effect of Naphthoquinone. <i>Journal of the American Chemical Society</i> , 2010, 132, 11978-11987.	6.6	204
5	Palladium-Catalyzed Oxidative Cyclization of Enynes with Hydrogen Peroxide as the Oxidant. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5442-5445.	7.2	125
6	Ligand-Controlled Nickel-Catalyzed Reductive Relay Cross-Coupling of Alkyl Bromides and Aryl Bromides. <i>ACS Catalysis</i> , 2018, 8, 310-313.	5.5	119
7	Migratory Arylboration of Unactivated Alkenes Enabled by Nickel Catalysis. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4612-4616.	7.2	114
8	Photochemical Nickel-Catalyzed Reductive Migratory Cross-Coupling of Alkyl Bromides with Aryl Bromides. <i>Organic Letters</i> , 2018, 20, 1880-1883.	2.4	104
9	Reaction scope and mechanistic insights of nickel-catalyzed migratory Suzuki-Miyaura cross-coupling. <i>Nature Communications</i> , 2020, 11, 417.	5.8	92
10	Catalyst-controlled enantioselective 1,1-arylboration of unactivated olefins. <i>Nature Catalysis</i> , 2020, 3, 951-958.	16.1	88
11	Highly Selective Palladium-Catalyzed Intramolecular Chloroamination of Unactivated Alkenes by Using Hydrogen Peroxide as an Oxidant. <i>Chemistry - A European Journal</i> , 2012, 18, 451-455.	1.7	63
12	Nickel-Catalyzed 1,1-Alkylboration of Electronically Unbiased Terminal Alkenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8872-8876.	7.2	62
13	Regio- and Stereoselective Alkylboration of Endocyclic Olefins Enabled by Nickel Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 20027-20034.	6.6	56
14	Homogeneous Light-Driven Catalytic Direct Carboxylation with CO ₂ . <i>Chinese Journal of Chemistry</i> , 2018, 36, 545-554.	2.6	53
15	Nickel-Catalyzed Chemodivergent 1,1-Difunctionalization of Unactivated $\hat{\pm}$ -Olefins with Alkynyl Electrophiles and B ₂ pin ₂ . <i>ACS Catalysis</i> , 2020, 10, 4888-4894.	5.5	47
16	Migratory Arylboration of Unactivated Alkenes Enabled by Nickel Catalysis. <i>Angewandte Chemie</i> , 2019, 131, 4660-4664.	1.6	41
17	Stereoselective Palladium-Catalyzed 1,3-Arylboration of Unconjugated Dienes for Expedient Synthesis of 1,3-Disubstituted Cyclohexanes. <i>ACS Catalysis</i> , 2019, 9, 8555-8560.	5.5	39
18	Recent advances in the synthesis of 1,1-diaryllkanes by transition-metal catalysis. <i>Science China Chemistry</i> , 2021, 64, 513-533.	4.2	35

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19	Nickel/Brønsted acid dual-catalyzed regio- and enantioselective hydrophosphinylation of 1,3-dienes: access to chiral allylic phosphine oxides. <i>Chemical Science</i> , 2022, 13, 1390-1397.	3.7	35
20	Modular access to substituted cyclohexanes with kinetic stereocontrol. <i>Science</i> , 2022, 376, 749-753.	6.0	34
21	Nickel/Brønsted Acid-Catalyzed Chemo- and Enantioselective Intermolecular Hydroamination of Conjugated Dienes. <i>Science</i> , 2019, 22, 369-379.	1.9	33
22	Nickel-Catalyzed 1,2-Arylboration of Vinylarenes. <i>Organic Letters</i> , 2019, 21, 3968-3971.	2.4	31
23	Difunctionalization of Alkenes Involving Metal Migration. <i>Angewandte Chemie</i> , 2020, 132, 8066-8079.	1.6	28
24	Synergistic Ni/Cu catalyzed migratory arylsilylation of terminal olefins. <i>Science Bulletin</i> , 2021, 66, 570-577.	4.3	24
25	Nickel-catalyzed migratory alkyl-alkyl cross-coupling reaction. <i>Chemical Science</i> , 2020, 11, 10461-10464.	3.7	20
26	Modular Synthesis of Diarylalkanes by Nickel-Catalyzed 1,1-Diarylation of Unactivated Terminal Alkenes. <i>CCS Chemistry</i> , 2021, 3, 576-582.	4.6	20
27	Nickel-Catalyzed 1,1-Alkylboration of Electronically Unbiased Terminal Alkenes. <i>Angewandte Chemie</i> , 2019, 131, 8964-8968.	1.6	13
28	Integrating aryl chlorides into nickel-catalyzed 1,1-difunctionalization of alkenes. <i>Chinese Chemical Letters</i> , 2022, 33, 5096-5100.	4.8	11
29	Catalyst-controlled regiodivergent 1,2-difunctionalization of alkenes with two carbon-based electrophiles. <i>Science China Chemistry</i> , 2022, 65, 514-520.	4.2	10
30	Nickel-Catalyzed Regioselective Arylboration of Conjugated Dienes. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1424-1428.	1.2	8
31	Nickel-Catalyzed Migratory Benzylboration of Allylbenzenes. <i>Tetrahedron Letters</i> , 2022, 100, 153889.	0.7	6
32	Nickel/Brønsted acid dual-catalyzed regioselective C-H bond allylation of phenols with 1,3-dienes. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3834-3839.	2.3	3