Lin Guo

List of Publications by Year in descending order

34 papers	2,248 citations	218381 26 h-index	377514 34 g-index
39 all docs	39 docs citations	39 times ranked	1527 citing authors

#	Article	IF	Citations
1	Multicomponent Synthesis of Î±-Branched Tertiary and Secondary Amines by Photocatalytic Hydrogen Atom Transfer Strategy. Organic Letters, 2021, 23, 4473-4477.	2.4	23
2	Conformationally Controlled Linear and Helical Hydrocarbons Bearing Extended Side Chains. Journal of the American Chemical Society, 2021, 143, 16682-16692.	6.6	7
3	Hydride Transfer Enables the Nickelâ€Catalyzed ipsoâ€Borylation and Silylation of Aldehydes. Chemistry - A European Journal, 2020, 26, 423-427.	1.7	10
4	Visible-Light-Induced Palladium-Catalyzed Intermolecular Narasakaâ€“Heck Reaction at Room Temperature. Organic Letters, 2020, 22, 3964-3968.	2.4	38
5	Photoinduced Deoxygenative Borylations of Aliphatic Alcohols. Angewandte Chemie - International Edition, 2019, 58, 18830-18834.	7.2	103
6	Photoinduced Deoxygenative Borylations of Aliphatic Alcohols. Angewandte Chemie, 2019, 131, 19006-19010.	1.6	21
7	Nickel-catalyzed Suzukiâ€“Miyaura cross-couplings of aldehydes. Nature Communications, 2019, 10, 1957.	5.8	58
8	Nickel-catalyzed exo-selective hydroacylation/Suzuki cross-coupling reaction. Chemical Communications, 2019, 55, 14984-14987.	2.2	9
9	Ligand-Controlled Chemoselective C(acyl)â€“O Bond vs C(aryl)â€“C Bond Activation of Aromatic Esters in Nickel Catalyzed C(sp²)â€“C(sp³) Cross-Couplings. Journal of the American Chemical Society, 2018, 140, 3724-3735.	6.6	154
10	Decarbonylative Cross-Couplings: Nickel Catalyzed Functional Group Interconversion Strategies for the Construction of Complex Organic Molecules. Accounts of Chemical Research, 2018, 51, 1185-1195.	7.6	165
11	Transitionâ€Metalâ€Catalyzed Decarbonylative Coupling Reactions: Concepts, Classifications, and Applications. Chemistry - A European Journal, 2018, 24, 7794-7809.	1.7	106
12	Cross-Coupling of Amides with Alkylboranes via Nickel-Catalyzed Câ€“N Bond Cleavage. Organic Letters, 2018, 20, 2976-2979.	2.4	55
13	Frontispiece: Transition-Metal-Catalyzed Decarbonylative Coupling Reactions: Concepts, Classifications, and Applications. Chemistry - A European Journal, 2018, 24, .	1.7	1
14	Nickel-Catalyzed Synthesis of Primary Aryl and Heteroaryl Amines via Câ€“O Bond Cleavage. Organic Letters, 2017, 19, 1788-1791.	2.4	40
15	Catalytic Ester and Amide to Amine Interconversion: Nickelâ€Catalyzed Decarbonylative Amination of Esters and Amides by Câˆ'O and Câˆ'C Bond Activation. Angewandte Chemie, 2017, 129, 4346-4349.	1.6	35
16	Catalytic Ester and Amide to Amine Interconversion: Nickelâ€Catalyzed Decarbonylative Amination of Esters and Amides by Câˆ'O and Câˆ'C Bond Activation. Angewandte Chemie - International Edition, 2017, 56, 4282-4285.	7.2	148
17	Selective Reductive Removal of Ester and Amide Groups from Arenes and Heteroarenes through Nickelâ€Catalyzed Câˆ'O and Câˆ'N Bond Activation. Angewandte Chemie, 2017, 129, 4030-4034.	1.6	30
18	Selective Reductive Removal of Ester and Amide Groups from Arenes and Heteroarenes through Nickelâ€Catalyzed Câˆ'O and Câˆ'N Bond Activation. Angewandte Chemie - International Edition, 2017, 56, 3972-3976.	7.2	141

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19	Nickel-Catalyzed Decarbonylative Silylation, Borylation, and Amination of Arylamides via a Deamidative Reaction Pathway. Synlett, 2017, 28, 2594-2598.	1.0	36
20	Synthesis of Amidines from Amides Using a Nickelâ€Catalyzed Decarbonylative Amination through CO Extrusion Intramolecular Recombination Fragment Coupling. Chemistry - A European Journal, 2017, 23, 11771-11775.	1.7	49
21	Lewis Acid Assisted Nickelâ€Catalyzed Crossâ€Coupling of Aryl Methyl Ethers by Câ^'O Bondâ€Cleaving Alkylation: Prevention of Undesired Î²â€Hydride Elimination. Angewandte Chemie - International Edition, 2016, 55, 6093-6098.	7.2	136
22	Nickelâ€katalysierter Alkoxyâ€Alkylâ€Austausch mit Alkylboranen mittels Câ€Oâ€Aktivierung von Arylâ€•und Enolethern. Angewandte Chemie, 2016, 128, 15641-15645.	1.6	15
23	Functional Group Interconversion: Decarbonylative Borylation of Esters for the Synthesis of Organoboronates. Chemistry - A European Journal, 2016, 22, 16787-16790.	1.7	81
24	Decarbonylative Silylation of Esters by Combined Nickel and Copper Catalysis for the Synthesis of Arylsilanes and Heteroarylsilanes. Angewandte Chemie, 2016, 128, 11989-11992.	1.6	33
25	Decarbonylative Silylation of Esters by Combined Nickel and Copper Catalysis for the Synthesis of Arylsilanes and Heteroarylsilanes. Angewandte Chemie - International Edition, 2016, 55, 11810-11813.	7.2	121
26	Nickelâ€Catalyzed Alkoxyâ€“Alkyl Interconversion with Alkylborane Reagents through Câ^'O Bond Activation of Aryl and Enol Ethers. Angewandte Chemie - International Edition, 2016, 55, 15415-15419.	7.2	82
27	Lewisâ€SÃureâ€unterstÃ¼tzte metallkatalysierte Kreuzkupplung: Alkylierung von Arylmethylethern unter Câ€Oâ€Bindungsspaltung ohne Î²â€Hydrideliminierung. Angewandte Chemie, 2016, 128, 6198-6203.	1.6	36
28	Nickel-Catalyzed C_{sp2}â€“C_{sp3} Cross-Coupling via Câ€“O Bond Activation. ACS Catalysis, 2016, 6, 4438-4442.	5.5	84
29	Nickel catalyzed dealkoxylative C_{sp2}â€“C_{sp3} cross coupling reactions â€“ stereospecific synthesis of allylsilanes from enol ethers. Chemical Communications, 2015, 51, 1937-1940.	2.2	64
30	Metallkatalysierte desalkoxylierende C_{Ar}â€Câ€Kreuzkupplung â€“ Austausch aromatischer Methoxygruppen von Arylethern unter Verwendung eines funktionalisierten Nukleophils. Angewandte Chemie, 2014, 126, 13126-13129.	1.6	37
31	Metalâ€Catalyzed Dealkoxylative C_{aryl}ï£¿C Crossâ€Couplingâ€”Replacement of Aromatic Methoxy Groups of Aryl Ethers by Employing a Functionalized Nucleophile. Angewandte Chemie - International Edition, 2014, 53, 12912-12915.	7.2	118
32	Visible light-mediated oxidative quenching reaction to electron-rich epoxides: highly regioselective synthesis of Î±-bromo (di)ketones and mechanism study. Organic and Biomolecular Chemistry, 2013, 11, 5787.	1.5	22
33	Reactivity Insight into Reductive Coupling and Aldol Cyclization of Chalcones by Visible Light Photocatalysis. Journal of Organic Chemistry, 2012, 77, 6302-6306.	1.7	63
34	Visible light-induced oxidative coupling reaction: easy access to Mannich-type products. Chemical Communications, 2012, 48, 2337.	2.2	127