

Lin Guo

List of Publications by Year in descending order

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papers

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218592

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39
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1527
citing authors

#	ARTICLE	IF	CITATIONS
1	Decarbonylative Cross-Couplings: Nickel Catalyzed Functional Group Interconversion Strategies for the Construction of Complex Organic Molecules. <i>Accounts of Chemical Research</i> , 2018, 51, 1185-1195.	7.6	165
2	Ligand-Controlled Chemoselective C(acyl)-O Bond vs C(aryl)-C Bond Activation of Aromatic Esters in Nickel Catalyzed C(sp ²)-C(sp ³) Cross-Couplings. <i>Journal of the American Chemical Society</i> , 2018, 140, 3724-3735.	6.6	154
3	Catalytic Ester and Amide to Amine Interconversion: Nickel-Catalyzed Decarbonylative Amination of Esters and Amides by C=O and C=C Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4282-4285.	7.2	148
4	Selective Reductive Removal of Ester and Amide Groups from Arenes and Heteroarenes through Nickel-Catalyzed C=O and C=N Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3972-3976.	7.2	141
5	Lewis Acid Assisted Nickel-Catalyzed Cross-Coupling of Aryl Methyl Ethers by C=O Bond-Cleaving Alkylation: Prevention of Undesired β -Hydride Elimination. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6093-6098.	7.2	136
6	Visible light-induced oxidative coupling reaction: easy access to Mannich-type products. <i>Chemical Communications</i> , 2012, 48, 2337.	2.2	127
7	Decarbonylative Silylation of Esters by Combined Nickel and Copper Catalysis for the Synthesis of Arylsilanes and Heteroarylsilanes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11810-11813.	7.2	121
8	Metal-Catalyzed Dealkoxyative C _{aryl} -C Cross-Coupling-Replacement of Aromatic Methoxy Groups of Aryl Ethers by Employing a Functionalized Nucleophile. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12912-12915.	7.2	118
9	Transition-Metal-Catalyzed Decarbonylative Coupling Reactions: Concepts, Classifications, and Applications. <i>Chemistry - A European Journal</i> , 2018, 24, 7794-7809.	1.7	106
10	Photoinduced Deoxygenative Borylations of Aliphatic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18830-18834.	7.2	103
11	Nickel-Catalyzed C _{sp²} -C _{sp³} Cross-Coupling via C=O Bond Activation. <i>ACS Catalysis</i> , 2016, 6, 4438-4442.	5.5	84
12	Nickel-Catalyzed Alkoxy-Alkyl Interconversion with Alkylborane Reagents through C=O Bond Activation of Aryl and Enol Ethers. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15415-15419.	7.2	82
13	Functional Group Interconversion: Decarbonylative Borylation of Esters for the Synthesis of Organoboronates. <i>Chemistry - A European Journal</i> , 2016, 22, 16787-16790.	1.7	81
14	Nickel catalyzed dealkoxyative C _{sp²} -C _{sp³} cross coupling reactions for stereospecific synthesis of allylsilanes from enol ethers. <i>Chemical Communications</i> , 2015, 51, 1937-1940.	2.2	64
15	Reactivity Insight into Reductive Coupling and Aldol Cyclization of Chalcones by Visible Light Photocatalysis. <i>Journal of Organic Chemistry</i> , 2012, 77, 6302-6306.	1.7	63
16	Nickel-catalyzed Suzuki-Miyaura cross-couplings of aldehydes. <i>Nature Communications</i> , 2019, 10, 1957.	5.8	58
17	Cross-Coupling of Amides with Alkylboranes via Nickel-Catalyzed C=N Bond Cleavage. <i>Organic Letters</i> , 2018, 20, 2976-2979.	2.4	55
18	Synthesis of Amidines from Amides Using a Nickel-Catalyzed Decarbonylative Amination through CO Extrusion Intramolecular Recombination Fragment Coupling. <i>Chemistry - A European Journal</i> , 2017, 23, 11771-11775.	1.7	49

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19	Nickel-Catalyzed Synthesis of Primary Aryl and Heteroaryl Amines via C–O Bond Cleavage. <i>Organic Letters</i> , 2017, 19, 1788-1791.	2.4	40
20	Visible-Light-Induced Palladium-Catalyzed Intermolecular Narasaka–Heck Reaction at Room Temperature. <i>Organic Letters</i> , 2020, 22, 3964-3968.	2.4	38
21	Metallkatalysierte desalkoxylierende C–Ar–Kreuzkupplung – Austausch aromatischer Methoxygruppen von Arylethern unter Verwendung eines funktionalisierten Nukleophils. <i>Angewandte Chemie</i> , 2014, 126, 13126-13129.	1.6	37
22	Lewis-Säure-unterstützte metallkatalysierte Kreuzkupplung: Alkylierung von Arylmethylethern unter C–O-Bindungsspaltung ohne Hydrideliminierung. <i>Angewandte Chemie</i> , 2016, 128, 6198-6203.	1.6	36
23	Nickel-Catalyzed Decarbonylative Silylation, Borylation, and Amination of Arylamides via a Deamidative Reaction Pathway. <i>Synlett</i> , 2017, 28, 2594-2598.	1.0	36
24	Catalytic Ester and Amide to Amine Interconversion: Nickel-Catalyzed Decarbonylative Amination of Esters and Amides by C–O and C–C Bond Activation. <i>Angewandte Chemie</i> , 2017, 129, 4346-4349.	1.6	35
25	Decarbonylative Silylation of Esters by Combined Nickel and Copper Catalysis for the Synthesis of Arylsilanes and Heteroarylsilanes. <i>Angewandte Chemie</i> , 2016, 128, 11989-11992.	1.6	33
26	Selective Reductive Removal of Ester and Amide Groups from Arenes and Heteroarenes through Nickel-Catalyzed C–O and C–N Bond Activation. <i>Angewandte Chemie</i> , 2017, 129, 4030-4034.	1.6	30
27	Multicomponent Synthesis of β -Branched Tertiary and Secondary Amines by Photocatalytic Hydrogen Atom Transfer Strategy. <i>Organic Letters</i> , 2021, 23, 4473-4477.	2.4	23
28	Visible light-mediated oxidative quenching reaction to electron-rich epoxides: highly regioselective synthesis of β -bromo (di)ketones and mechanism study. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5787.	1.5	22
29	Photoinduced Deoxygenative Borylations of Aliphatic Alcohols. <i>Angewandte Chemie</i> , 2019, 131, 19006-19010.	1.6	21
30	Nickel-katalysierter Alkoxy–Alkylation/Austausch mit Alkylboranen mittels C–O-Aktivierung von Aryl- und Enolethern. <i>Angewandte Chemie</i> , 2016, 128, 15641-15645.	1.6	15
31	Hydride Transfer Enables the Nickel-Catalyzed <i>ipso</i> -Borylation and Silylation of Aldehydes. <i>Chemistry - A European Journal</i> , 2020, 26, 423-427.	1.7	10
32	Nickel-catalyzed <i>exo</i> -selective hydroacylation/Suzuki cross-coupling reaction. <i>Chemical Communications</i> , 2019, 55, 14984-14987.	2.2	9
33	Conformationally Controlled Linear and Helical Hydrocarbons Bearing Extended Side Chains. <i>Journal of the American Chemical Society</i> , 2021, 143, 16682-16692.	6.6	7
34	Frontispiece: Transition-Metal-Catalyzed Decarbonylative Coupling Reactions: Concepts, Classifications, and Applications. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	1