Xuefeng Cong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2648425/publications.pdf

Version: 2024-02-01

22	725	567281 15	677142 22
papers	citations	h-index	g-index

23	23	23	777
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Silverâ€Based Radical Reactions: Development and Insights. Advanced Synthesis and Catalysis, 2017, 359, 1422-1502.	4.3	96
2	2-Pyridylmethyl ether: a readily removable and efficient directing group for amino acidligand accelerated ortho-Câ€“H olefination of phenols. Chemical Communications, 2013, 49, 662-664.	4.1	81
3	Low-Valent, High-Spin Chromium-Catalyzed Cleavage of Aromatic Carbonâ€“Nitrogen Bonds at Room Temperature: A Combined Experimental and Theoretical Study. Journal of the American Chemical Society, 2017, 139, 15182-15190.	13.7	62
4	Chemoselective Cross-Coupling between Two Different and Unactivated C(aryl)â€“O Bonds Enabled by Chromium Catalysis. Journal of the American Chemical Society, 2020, 142, 7715-7720.	13.7	57
5	Cyclic (Alkyl)(amino)carbene Ligand-Promoted Nitro Deoxygenative Hydroboration with Chromium Catalysis: Scope, Mechanism, and Applications. Journal of the American Chemical Society, 2021, 143, 1618-1629.	13.7	56
6	Silver-Catalyzed anti-Markovnikov Hydroboration of Câ€“C Multiple Bonds. Organic Letters, 2019, 21, 4035-4038.	4.6	54
7	Chromium- and Cobalt-Catalyzed, Regiocontrolled Hydrogenation of Polycyclic Aromatic Hydrocarbons: A Combined Experimental and Theoretical Study. Journal of the American Chemical Society, 2019, 141, 9018-9026.	13.7	44
8	Diastereodivergent [3 + 2] Annulation of Aromatic Aldimines with Alkenes via Câ€“H Activation by Half-Sandwich Rare-Earth Catalysts. Journal of the American Chemical Society, 2020, 142, 5531-5537.	13.7	40
9	Mechanistic Diversity of Low-Valent Chromium Catalysis: Cross-Coupling and Hydrofunctionalization. Accounts of Chemical Research, 2021, 54, 2014-2026.	15.6	37
10	Reductive Cross-Coupling between Unactivated C(aryl)â€“N and C(aryl)â€“O Bonds by Chromium Catalysis Using a Bipyridyl Ligand. Journal of the American Chemical Society, 2020, 142, 12834-12840.	13.7	33
11	Azomethine-isocyanide [3+2] cycloaddition to imidazoles promoted by silver and DBU. Chemical Communications, 2017, 53, 3858-3861.	4.1	29
12	Silver-Catalyzed Reduction of Quinolines in Water. Organic Letters, 2019, 21, 3631-3634.	4.6	26
13	Chromium-catalyzed para-selective formation of quaternary carbon centers by alkylation of benzamide derivatives. Nature Communications, 2018, 9, 4637.	12.8	24
14	Silver-catalyzed regioselective deuteration of (hetero)arenes and Î±-deuteration of 2-alkyl azaarenes. RSC Advances, 2020, 10, 25475-25479.	3.6	19
15	Theoretical Studies of Rare-Earth-Catalyzed [3 + 2] Annulation of Aromatic Aldimine with Styrene: Mechanism and Origin of Diastereoselectivity. Journal of Organic Chemistry, 2021, 86, 4236-4244.	3.2	16
16	Regioâ€•and Diastereoselective [3+2] Annulation of Aliphatic Aldimines with Alkenes by Scandiumâ€Catalyzed Î²â€(sp³)â^'H Activation. Angewandte Chemie - International Edition, 2022, 61, e202115996.	13.8	15
17	Regioselective Synthesis of 2- and 3-Substituted Imidazo[1,2-a]pyridines. Journal of Chemical Research, 2012, 36, 687-690.	1.3	12
18	Iron-catalyzed para-selective Câ€“H silylation of benzamide derivatives with chlorosilanes. Organic Chemistry Frontiers, 2021, 8, 2442-2448.	4.5	7

#	Article	IF	Citations
19	Synthesis of allylanilines via scandium-catalysed benzylic C(sp³)â€“H alkenylation with alkynes. Chemical Communications, 2022, 58, 7257-7260.	4.1	7
20	Silverâ€Promoted [3+1+1] Annulation of Isocyanoacetates with Nitrosoarenes. Asian Journal of Organic Chemistry, 2018, 7, 1066-1070.	2.7	6
21	Regioâ€•and Diastereoselective [3+2] Annulation of Aliphatic Aldimines with Alkenes by Scandiumâ€Catalyzed Î²â€C(sp ³)â^'H Activation. Angewandte Chemie, 2022, 134, .	2.0	3
22	Front Cover Picture: Silverâ€Based Radical Reactions: Development and Insights (Adv. Synth. Catal.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.3	0