

Xuefeng Cong

List of Publications by Year in descending order

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Version: 2024-02-01

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#	ARTICLE	IF	CITATIONS
1	Regio- and Diastereoselective [3+2] Annulation of Aliphatic Aldimines with Alkenes by Scandium-Catalyzed $\text{I}^2\text{C}(\text{sp}^3)\text{H}$ Activation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202115996.	13.8	15
2	Regio- and Diastereoselective [3+2] Annulation of Aliphatic Aldimines with Alkenes by Scandium-Catalyzed $\text{I}^2\text{C}(\text{sp}^3)\text{H}$ Activation. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
3	Synthesis of allylanilines via scandium-catalysed benzylic $\text{C}(\text{sp}^3)\text{H}$ alkenylation with alkynes. <i>Chemical Communications</i> , 2022, 58, 7257-7260.	4.1	7
4	Theoretical Studies of Rare-Earth-Catalyzed [3 + 2] Annulation of Aromatic Aldimine with Styrene: Mechanism and Origin of Diastereoselectivity. <i>Journal of Organic Chemistry</i> , 2021, 86, 4236-4244.	3.2	16
5	Mechanistic Diversity of Low-Valent Chromium Catalysis: Cross-Coupling and Hydrofunctionalization. <i>Accounts of Chemical Research</i> , 2021, 54, 2014-2026.	15.6	37
6	Iron-catalyzed <i>para</i> -selective C-H silylation of benzamide derivatives with chlorosilanes. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2442-2448.	4.5	7
7	Cyclic (Alkyl)(amino)carbene Ligand-Promoted Nitro Deoxygenative Hydroboration with Chromium Catalysis: Scope, Mechanism, and Applications. <i>Journal of the American Chemical Society</i> , 2021, 143, 1618-1629.	13.7	56
8	Diastereodivergent [3 + 2] Annulation of Aromatic Aldimines with Alkenes via C-H Activation by Half-Sandwich Rare-Earth Catalysts. <i>Journal of the American Chemical Society</i> , 2020, 142, 5531-5537.	13.7	40
9	Silver-catalyzed regioselective deuteration of (hetero)arenes and I^{\pm} -deuteration of 2-alkyl azaarenes. <i>RSC Advances</i> , 2020, 10, 25475-25479.	3.6	19
10	Reductive Cross-Coupling between Unactivated $\text{C}(\text{aryl})\text{N}$ and $\text{C}(\text{aryl})\text{O}$ Bonds by Chromium Catalysis Using a Bipyridyl Ligand. <i>Journal of the American Chemical Society</i> , 2020, 142, 12834-12840.	13.7	33
11	Chemoselective Cross-Coupling between Two Different and Unactivated $\text{C}(\text{aryl})\text{O}$ Bonds Enabled by Chromium Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 7715-7720.	13.7	57
12	Silver-Catalyzed anti-Markovnikov Hydroboration of C-C Multiple Bonds. <i>Organic Letters</i> , 2019, 21, 4035-4038.	4.6	54
13	Chromium- and Cobalt-Catalyzed, Regiocontrolled Hydrogenation of Polycyclic Aromatic Hydrocarbons: A Combined Experimental and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2019, 141, 9018-9026.	13.7	44
14	Silver-Catalyzed Reduction of Quinolines in Water. <i>Organic Letters</i> , 2019, 21, 3631-3634.	4.6	26
15	Chromium-catalyzed <i>para</i> -selective formation of quaternary carbon centers by alkylation of benzamide derivatives. <i>Nature Communications</i> , 2018, 9, 4637.	12.8	24
16	Silver-Promoted [3+1+1] Annulation of Isocyanoacetates with Nitrosoarenes. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1066-1070.	2.7	6
17	Front Cover Picture: Silver-Based Radical Reactions: Development and Insights (<i>Adv. Synth. Catal.</i>)	11.0	10
18	Silver-Based Radical Reactions: Development and Insights. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1422-1502.	4.3	96

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19	Azomethine-isocyanide [3+2] cycloaddition to imidazoles promoted by silver and DBU. <i>Chemical Communications</i> , 2017, 53, 3858-3861.	4.1	29
20	Low-Valent, High-Spin Chromium-Catalyzed Cleavage of Aromatic Carbon–Nitrogen Bonds at Room Temperature: A Combined Experimental and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2017, 139, 15182-15190.	13.7	62
21	2-Pyridylmethyl ether: a readily removable and efficient directing group for amino acid ligand accelerated ortho-C–H olefination of phenols. <i>Chemical Communications</i> , 2013, 49, 662-664.	4.1	81
22	Regioselective Synthesis of 2- and 3-Substituted Imidazo[1,2- <i>a</i>]pyridines. <i>Journal of Chemical Research</i> , 2012, 36, 687-690.	1.3	12