Atanu Modak

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3173860/publications.pdf

Version: 2024-02-01

22 papers	1,971 citations	430874 18 h-index	642732 23 g-index
34 all docs	34 docs citations	34 times ranked	1860 citing authors

#	Article	IF	Citations
1	Remote para-Câ€“H Functionalization of Arenes by a D-Shaped Biphenyl Template-Based Assembly. Journal of the American Chemical Society, 2015, 137, 11888-11891.	13.7	302
2	Oxidative Trifluoromethylation of Unactivated Olefins: An Efficient and Practical Synthesis of Î±â€Trifluoromethylâ€Substituted Ketones. Angewandte Chemie - International Edition, 2013, 52, 9747-9750.	13.8	271
3	Palladiumâ€Catalyzed Directed para Câˆ’H Functionalization of Phenols. Angewandte Chemie - International Edition, 2016, 55, 7751-7755.	13.8	184
4	Meta-Selective Arene Câ€“H Bond Olefination of Arylacetic Acid Using a Nitrile-Based Directing Group. Organic Letters, 2014, 16, 5760-5763.	4.6	180
5	A general and efficient aldehyde decarbonylation reaction by using a palladium catalyst. Chemical Communications, 2012, 48, 4253.	4.1	164
6	Copper-Catalyzed, N-Directed Csp³â€“H Trifluoromethylthiolation (âˆ’SCF₃) and Trifluoromethylselenation (âˆ’SeCF₃). Journal of the American Chemical Society, 2019, 141, 18405-18410.	13.7	100
7	Predictably Selective (sp³)Câ€“O Bond Formation through Copper Catalyzed Dehydrogenative Coupling: Facile Synthesis of Dihydro-oxazinone Derivatives. Organic Letters, 2014, 16, 2602-2605.	4.6	91
8	Catalytic Arene meta-Câ€“H Functionalization Exploiting a Quinoline-Based Template. ACS Catalysis, 2017, 7, 3162-3168.	11.2	90
9	Metal catalyzed defunctionalization reactions. Organic and Biomolecular Chemistry, 2016, 14, 21-35.	2.8	77
10	Palladium-Catalyzed Remote meta-Selective Câ€“H Bond Silylation and Germanylation. Organometallics, 2017, 36, 2418-2423.	2.3	74
11	Iron-Catalyzed Regioselective Direct Arylation at the C-3 Position of N-Alkyl-2-pyridone. Journal of Organic Chemistry, 2015, 80, 296-303.	3.2	66
12	Remote meta Câ€“H bond functionalization of 2-phenethylsulphonic acid and 3-phenylpropanoic acid derivatives. Chemical Communications, 2016, 52, 13916-13919.	4.1	56
13	Nickel-catalyzed hydrogenolysis of unactivated carbonâ€“cyano bonds. Chemical Communications, 2013, 49, 8362.	4.1	43
14	An efficient dehydroxymethylation reaction by a palladium catalyst. Chemical Communications, 2013, 49, 252-254.	4.1	40
15	Palladiumâ€Catalyzed Directed para Câˆ’H Functionalization of Phenols. Angewandte Chemie, 2016, 128, 7882-7886.	2.0	39
16	Palladium Nanoparticles Supported on Fibrous Silica (KCCâ€1â€PEI/Pd): A Sustainable Nanocatalyst for Decarbonylation Reactions. ChemPlusChem, 2016, 81, 1142-1146.	2.8	39
17	Cu-Catalyzed Câ€“N Coupling with Sterically Hindered Partners. ACS Catalysis, 2020, 10, 10495-10499.	11.2	31
18	Fenton-Inspired Câ€“H Functionalization: Peroxide-Directed Câ€“H Thioetherification. Journal of Organic Chemistry, 2019, 84, 13073-13091.	3.2	16

#	Article	IF	Citations
19	Palladiumâ€Catalyzed Deformylation Reactions with Detailed Experimental and in Silico Mechanistic Studies. European Journal of Organic Chemistry, 2017, 2017, 4168-4174.	2.4	15
20	Homologation of Electron-Rich Benzyl Bromide Derivatives via Diazo Câ€“C Bond Insertion. Journal of the American Chemical Society, 2022, 144, 86-92.	13.7	13
21	CHAPTER 12. Direct Arylation via Câ€“H Activation. RSC Catalysis Series, 0, , 551-609.	0.1	4
22	Enabling the Facile Synthesis of Arenes by Transition Metal Catalyzed Decarbonylation Methodology. Chemical Record, 2021, , .	5.8	3