

# Atanu Modak

## List of Publications by Year in descending order

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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	Homologation of Electron-Rich Benzyl Bromide Derivatives via Diazo C=C Bond Insertion. <i>Journal of the American Chemical Society</i> , 2022, 144, 86-92.	13.7	13
2	Enabling the Facile Synthesis of Arenes by Transition Metal Catalyzed Decarbonylation Methodology. <i>Chemical Record</i> , 2021, , .	5.8	3
3	Cu-Catalyzed C=N Coupling with Sterically Hindered Partners. <i>ACS Catalysis</i> , 2020, 10, 10495-10499.	11.2	31
4	Copper-Catalyzed, N-Directed Csp <sup>3</sup> -H Trifluoromethylthiolation (â <sup>3</sup> SCF <sub>3</sub> ) and Trifluoromethylselenation (â <sup>3</sup> SeCF <sub>3</sub> ). <i>Journal of the American Chemical Society</i> , 2019, 141, 18405-18410.	13.7	100
5	Fenton-Inspired C-H Functionalization: Peroxide-Directed C-H Thioetherification. <i>Journal of Organic Chemistry</i> , 2019, 84, 13073-13091.	3.2	16
6	Palladium-Catalyzed Deformylation Reactions with Detailed Experimental and in Silico Mechanistic Studies. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4168-4174.	2.4	15
7	Catalytic Arene <i>meta</i> -C-H Functionalization Exploiting a Quinoline-Based Template. <i>ACS Catalysis</i> , 2017, 7, 3162-3168.	11.2	90
8	Palladium-Catalyzed Remote <i>meta</i> -Selective C-H Bond Silylation and Germanylation. <i>Organometallics</i> , 2017, 36, 2418-2423.	2.3	74
9	Palladium-Catalyzed Directed <i>para</i> -C-H Functionalization of Phenols. <i>Angewandte Chemie</i> , 2016, 128, 7882-7886.	2.0	39
10	Palladium-Catalyzed Directed <i>para</i> -C-H Functionalization of Phenols. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7751-7755.	13.8	184
11	Palladium Nanoparticles Supported on Fibrous Silica (KCC-1@PEI/Pd): A Sustainable Nanocatalyst for Decarbonylation Reactions. <i>ChemPlusChem</i> , 2016, 81, 1142-1146.	2.8	39
12	Remote <i>meta</i> -C-H bond functionalization of 2-phenethylsulphonic acid and 3-phenylpropanoic acid derivatives. <i>Chemical Communications</i> , 2016, 52, 13916-13919.	4.1	56
13	Metal catalyzed defunctionalization reactions. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 21-35.	2.8	77
14	Remote <i>para</i> -C-H Functionalization of Arenes by a D-Shaped Biphenyl Template-Based Assembly. <i>Journal of the American Chemical Society</i> , 2015, 137, 11888-11891.	13.7	302
15	Iron-Catalyzed Regioselective Direct Arylation at the C-3 Position of <i>N</i> -Alkyl-2-pyridone. <i>Journal of Organic Chemistry</i> , 2015, 80, 296-303.	3.2	66
16	Predictably Selective (sp <sup>3</sup> )C=O Bond Formation through Copper Catalyzed Dehydrogenative Coupling: Facile Synthesis of Dihydro-oxazinone Derivatives. <i>Organic Letters</i> , 2014, 16, 2602-2605.	4.6	91
17	<i>Meta</i> -Selective Arene C-H Bond Olefination of Arylacetic Acid Using a Nitrile-Based Directing Group. <i>Organic Letters</i> , 2014, 16, 5760-5763.	4.6	180
18	Nickel-catalyzed hydrogenolysis of unactivated carbon-cyano bonds. <i>Chemical Communications</i> , 2013, 49, 8362.	4.1	43

#	ARTICLE	IF	CITATIONS
19	Oxidative Trifluoromethylation of Unactivated Olefins: An Efficient and Practical Synthesis of $\alpha$ -Trifluoromethyl-Substituted Ketones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9747-9750.	13.8	271
20	An efficient dehydroxy-methylation reaction by a palladium catalyst. <i>Chemical Communications</i> , 2013, 49, 252-254.	4.1	40
21	A general and efficient aldehyde decarbonylation reaction by using a palladium catalyst. <i>Chemical Communications</i> , 2012, 48, 4253.	4.1	164
22	CHAPTER 12. Direct Arylation <i>via</i> C-H Activation. <i>RSC Catalysis Series</i> , 0, , 551-609.	0.1	4