

Gargi Chakraborty

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

668
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Metalâ€‘ligand cooperative approaches in homogeneous catalysis using transition metal complex catalysts of redox noninnocent ligands. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 296-328.	2.8	28
2	Ruthenium-Catalyzed Dehydrogenative Functionalization of Alcohols to Pyrroles: A Comparison between Metalâ€‘Ligand Cooperative and Non-cooperative Approaches. <i>Journal of Organic Chemistry</i> , 2022, 87, 7106-7123.	3.2	12
3	Nickel-Catalyzed [4 + 2] Annulation of Nitriles and Benzylamines by Câ€‘H/Nâ€‘H Activation. <i>Journal of Organic Chemistry</i> , 2021, 86, 279-290.	3.2	16
4	Zinc Stabilized Azo-anion Radical in Dehydrogenative Synthesis of N-Heterocycles. An Exclusively Ligand Centered Redox Controlled Approach. <i>ACS Catalysis</i> , 2021, 11, 7498-7512.	11.2	42
5	Iron-Catalyzed Alkyne-Based Multicomponent Synthesis of Pyrimidines under Air. <i>Journal of Organic Chemistry</i> , 2021, 86, 13186-13197.	3.2	17
6	Nickel catalyzed sustainable synthesis of benzazoles and purines <i>via</i> acceptorless dehydrogenative coupling and borrowing hydrogen approach. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7217-7233.	2.8	23
7	Iron catalyzed metal-ligand cooperative approaches towards sustainable synthesis of quinolines and quinazolin-4(3H)-ones. <i>Tetrahedron</i> , 2021, 100, 132479.	1.9	9
8	Copper-catalyzed oxidative dehydrogenative functionalization of alkanes to allylic esters. <i>Inorganica Chimica Acta</i> , 2020, 500, 119190.	2.4	4
9	Iron Catalyzed Synthesis of Pyrimidines Under Air. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 594-600.	4.3	57
10	Câˆ‘N Crossâ€‘Coupling Reactions Under Mild Conditions Using Singlet Diâ€‘Radical Nickel(II)â€‘Complexes as Catalyst: Nâ€‘Arylation and Quinazoline Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4342-4353.	4.3	35
11	Metalâ€‘Ligand Cooperative Approach To Achieve Dehydrogenative Functionalization of Alcohols to Quinolines and Quinazolin-4(3<i>H</i>)-ones under Mild Aerobic Conditions. <i>Journal of Organic Chemistry</i> , 2019, 84, 10160-10171.	3.2	77
12	Dehydrogenative Synthesis of Quinolines, 2-Aminoquinolines, and Quinazolines Using Singlet Diradical Ni(II)-Catalysts. <i>Journal of Organic Chemistry</i> , 2019, 84, 2626-2641.	3.2	98
13	Achieving Nickel Catalyzed Câ€‘S Cross-Coupling under Mild Conditions Using Metalâ€‘Ligand Cooperativity. <i>Journal of Organic Chemistry</i> , 2019, 84, 4072-4085.	3.2	61
14	A nickel catalyzed acceptorless dehydrogenative approach to quinolines. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 274-284.	2.8	93
15	Cu^{II} Complex of a 1,10â€‘Phenanthrolineâ€‘Based Pincer as an Efficient Catalyst for Oxidative Cross Dehydrogenative Coupling of Carboxylic Acids with Unactivated Alkanes. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1681-1688.	2.7	9
16	Accessing Polysubstituted Quinazolines via Nickel Catalyzed Acceptorless Dehydrogenative Coupling. <i>Journal of Organic Chemistry</i> , 2018, 83, 11154-11166.	3.2	87