

Murali Mohan Guru

List of Publications by Year in descending order

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9
papers

453
citations

1163117

8
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

567
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper-Mediated Synthesis of Substituted 2-Aryl- <i>N</i> -benzylbenzimidazoles and 2-Arylbenzoxazoles via C-H Functionalization/C-N/O Bond Formation. <i>Journal of Organic Chemistry</i> , 2011, 76, 5295-5308.	3.2	118
2	Copper(II)-Catalyzed Aerobic Oxidative Synthesis of Substituted 1,2,3- and 1,2,4-Triazoles from Bisarylhydrazones via C-H Functionalization/C-C/N-N/C-N Bonds Formation. <i>Journal of Organic Chemistry</i> , 2012, 77, 5063-5073.	3.2	105
3	Copper(II)-Catalyzed Conversion of Bisaryloxime Ethers to 2-Arylbenzoxazoles via C-H Functionalization/C-N/C-O Bonds Formation. <i>Organic Letters</i> , 2011, 13, 1194-1197.	4.6	83
4	Conversion of Dinitrogen to Nitriles at a Multinuclear Titanium Framework. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12316-12320.	13.8	80
5	B(C ₆ F ₅) ₃ -catalyzed dehydrogenative cyclization of <i>N</i> -tosylhydrazones and anilines via a Lewis adduct: a combined experimental and computational investigation. <i>Chemical Science</i> , 2019, 10, 7964-7974.	7.4	21
6	Boron-Catalyzed <i>N</i> -Alkylation of Arylamines and Arylamides with Benzylic Alcohols. <i>Journal of Organic Chemistry</i> , 2020, 85, 806-819.	3.2	21
7	Pyrene-affixed triazoles: a new class of molecular semiconductors for robust, non-volatile resistive memory devices. <i>Chemical Communications</i> , 2019, 55, 4643-4646.	4.1	11
8	Manganese-Catalyzed Divergent Markovnikov Addition and [2+2+2] Cycloaddition of 2-Carbonyl Indanone with Terminal Alkyne. <i>Journal of Organic Chemistry</i> , 2019, 84, 8185-8193.	3.2	10
9	Borane-catalyzed dehydrogenative C-C bond formation of indoles with <i>N</i> -tosylhydrazones: an experimental and computational study. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3428-3437.	4.5	4