

Vishwas G Chandrashekhar

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

650
citations

933264

10
h-index

1281743

11
g-index

11
all docs

11
docs citations

11
times ranked

467
citing authors

#	ARTICLE	IF	CITATIONS
1	Reductive Amination, Hydrogenation and Hydrodeoxygenation of 5-Hydroxymethylfurfural using Silica-supported Cobalt Nanoparticles. <i>ChemCatChem</i> , 2022, 14, .	1.8	19
2	Silica-supported Fe/Fe ³⁺ O nanoparticles for the catalytic hydrogenation of nitriles to amines in the presence of aluminium additives. <i>Nature Catalysis</i> , 2022, 5, 20-29.	16.1	65
3	Synergy between homogeneous and heterogeneous catalysis. <i>Catalysis Science and Technology</i> , 2022, 12, 6623-6649.	2.1	29
4	Nickel-catalyzed hydrogenative coupling of nitriles and amines for general amine synthesis. <i>Science</i> , 2022, 376, 1433-1441.	6.0	46
5	Catalytic reductive aminations using molecular hydrogen for synthesis of different kinds of amines. <i>Chemical Society Reviews</i> , 2020, 49, 6273-6328.	18.7	240
6	A General Catalyst Based on Cobalt Core-Shell Nanoparticles for the Hydrogenation of N-Heteroarenes Including Pyridines. <i>Angewandte Chemie</i> , 2020, 132, 17561-17565.	1.6	8
7	A General Catalyst Based on Cobalt Core-Shell Nanoparticles for the Hydrogenation of N-Heteroarenes Including Pyridines. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17408-17412.	7.2	58
8	Reductive amination using cobalt-based nanoparticles for synthesis of amines. <i>Nature Protocols</i> , 2020, 15, 1313-1337.	5.5	56
9	Ultra-small cobalt nanoparticles from molecularly-defined Co-salen complexes for catalytic synthesis of amines. <i>Chemical Science</i> , 2020, 11, 2973-2981.	3.7	43
10	General and selective synthesis of primary amines using Ni-based homogeneous catalysts. <i>Chemical Science</i> , 2020, 11, 4332-4339.	3.7	29
11	Homogeneous cobalt-catalyzed reductive amination for synthesis of functionalized primary amines. <i>Nature Communications</i> , 2019, 10, 5443.	5.8	57