

Dr Hari Babu Bathula

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

335
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

469
citing authors

#	ARTICLE	IF	CITATIONS
1	Transesterification of glycerol with dimethyl carbonate for the synthesis of glycerol carbonate over Mg/Zr/Sr mixed oxide base catalysts. <i>Catalysis Science and Technology</i> , 2013, 3, 3242.	4.1	88
2	A sustainable mesoporous palladium-alumina catalyst for efficient hydrogen release from N-heterocyclic liquid organic hydrogen carriers. <i>Communications Chemistry</i> , 2019, 2, .	4.5	45
3	Oxidative Cyanation of Tertiary Amines with Ethyl Cyanoformate over a Niobia-Supported Iron-Exchanged Molybdophosphoric Acid Catalyst. <i>ChemCatChem</i> , 2012, 4, 1173-1178.	3.7	29
4	An integrated process for production of jet-fuel range olefins from ethylene using Ni- <i>AlSBA-15</i> and <i>Amberlyst-35</i> catalysts. <i>Applied Catalysis A: General</i> , 2017, 530, 48-55.	4.3	29
5	Vapor-phase selective aerobic oxidation of benzylamine to dibenzylimine over silica-supported vanadium-substituted tungstophosphoric acid catalyst. <i>Green Chemistry</i> , 2013, 15, 837.	9.0	25
6	Superior Long-Term Stability of a Mesoporous Alumina-Supported Pt Catalyst in the Hydrodeoxygenation of Palm Oil. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 1193-1202.	6.7	23
7	Glycerol steam reforming over La-Ce-Co mixed oxide-derived cobalt catalysts. <i>RSC Advances</i> , 2015, 5, 45184-45193.	3.6	22
8	Hydrogenation of 5-hydroxymethylfurfural into 2,5-bis(hydroxymethyl)furan over mesoporous Cu-Al ₂ O ₃ catalyst: From batch to continuous processing. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 102, 186-194.	5.8	22
9	Highly efficient and robust Pt ensembles on mesoporous alumina for reversible H ₂ charge and release of commercial benzyltoluene molecules. <i>Applied Catalysis B: Environmental</i> , 2022, 305, 121061.	20.2	16
10	One-step selective synthesis of 2-chlorobenzonitrile from 2-chlorotoluene <i>via</i> ammoxidation. <i>New Journal of Chemistry</i> , 2018, 42, 1892-1901.	2.8	11
11	Influence of promoters on the structural and catalytic functionalities of V ₂ O ₅ /Al ₂ O ₃ catalysts for the ammoxidation of ortho-chlorotoluene. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2015, 114, 121-134.	1.7	9
12	Dehydrogenation of 2-[(n-Methylcyclohexyl)Methyl]Piperidine over Mesoporous Pd-Al ₂ O ₃ Catalysts Prepared by Solvent Deficient Precipitation: Influence of Calcination Conditions. <i>Catalysts</i> , 2019, 9, 719.	3.5	8
13	Hydrogenation of levulinic acid with and without external hydrogen over Ni/SBA-15 catalyst. <i>Applied Petrochemical Research</i> , 2018, 8, 153-162.	1.3	7
14	Methane Combustion over Pd Catalysts Supported on Mesoporous Alumina. <i>Transactions of the Korean Society of Automotive Engineers</i> , 2020, 28, 353-357.	0.3	1