

Sreedhar Gundekari

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	In situ generated Ni(0)@boehmite from NiAl-LDH: An efficient catalyst for selective hydrogenation of biomass derived levulinic acid to γ -valerolactone. <i>Catalysis Communications</i> , 2017, 102, 40-43.	1.6	46
2	Hydrous ruthenium oxide: A new generation remarkable catalyst precursor for energy efficient and sustainable production of γ -valerolactone from levulinic acid in aqueous medium. <i>Applied Catalysis A: General</i> , 2019, 569, 117-125.	2.2	30
3	Screening of Solvents, Hydrogen Source, and Investigation of Reaction Mechanism for the Hydrocyclisation of Levulinic Acid to γ -Valerolactone Using Ni/SiO ₂ @Al ₂ O ₃ Catalyst. <i>Catalysis Letters</i> , 2019, 149, 215-227.	1.4	25
4	Selective Synthesis of Cyclohexanol Intermediates from Lignin-Based Phenolics and Diaryl Ethers using Hydrogen over Supported Metal Catalysts: A Critical Review. <i>Catalysis Surveys From Asia</i> , 2021, 25, 1-26.	1.0	11
5	Chemo- and Regioselective Synthesis of Arylated γ -Valerolactones from Bio-based Levulinic Acid with Aromatics Using H ₂ Zeolite Catalyst. <i>ChemCatChem</i> , 2019, 11, 1102-1111.	1.8	10
6	Preparation of cyclohexanol from lignin-based phenolic concoction using controlled hydrogen delivery tool over in-situ Ru catalyst. <i>Biomass and Bioenergy</i> , 2022, 161, 106448.	2.9	10
7	Recent Catalytic Approaches for the Production of Cycloalkane Intermediates from Lignin-Based Aromatic Compounds: A Review. <i>ChemistrySelect</i> , 2021, 6, 1715-1733.	0.7	8
8	Selective preparation of renewable ketals from biomass-based carbonyl compounds with polyols using γ -zeolite catalyst. <i>Molecular Catalysis</i> , 2022, 524, 112269.	1.0	6
9	Classification, characterization, and properties of edible and non-edible biomass feedstocks. , 2020, , 89-120.		5
10	In situ Generated Ru(0)-HRO@Na- γ From Hydrous Ruthenium Oxide (HRO)/Na- γ : An Energy-Efficient Catalyst for Selective Hydrogenation of Sugars. <i>Frontiers in Chemistry</i> , 2020, 8, 525277.	1.8	1
11	Levulinic Acid- and Furan-Based Multifunctional Materials: Opportunities and Challenges. , 2021, , 291-343.		0
12	Catalytic approaches for the selective preparation of cyclohexanone from lignin-based methoxyphenols/phenols. , 2021, , 301-327.		0
13	Preparation of cyclohexanol intermediates from lignin through catalytic intervention. , 2021, , 57-82.		0