Atal Shivhare

List of Publications by Year
in descending order

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15	500	759233 12	996975 15
papers	citations	h-index	g-index

15	15	15	699
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Sizeâ€Dependent Catalytic Performances of Supported Metal Nanoparticles and Single Atoms for the Upgrading of Biomassâ€Derived 5â€Hydroxymethylfurfural, Furfural, and Levulinic acid. ChemCatChem, 2022, 14, .	3.7	3
2	Catalytic interplay of metal ions (Cu²⁺, Ni²⁺, and Fe²⁺) in MFe₂O₄ inverse spinel catalysts for enhancing the activity and selectivity during selective transfer hydrogenation of furfural into 2-methylfuran. Catalysis Science and Technology, 2022, 12, 4857-4870.	4.1	14
3	An Account of the Catalytic Transfer Hydrogenation and Hydrogenolysis of Carbohydrateâ€Derived Renewable Platform Chemicals over Nonâ€Precious Heterogeneous Metal Catalysts. ChemCatChem, 2021, 13, 59-80.	3.7	36
4	Metal phosphate catalysts to upgrade lignocellulose biomass into value-added chemicals and biofuels. Green Chemistry, 2021, 23, 3818-3841.	9.0	33
5	Metal and solvent-dependent activity of spinel-based catalysts for the selective hydrogenation and rearrangement of furfural. Sustainable Energy and Fuels, 2021, 5, 3191-3204.	4.9	12
6	Hydrogenolysis of Lignin-Derived Aromatic Ethers over Heterogeneous Catalysts. ACS Sustainable Chemistry and Engineering, 2021, 9, 3379-3407.	6.7	59
7	Metalâ€“Acid Synergy: Hydrodeoxygenation of Anisole over Pt/Alâ€SBAâ€15. ChemSusChem, 2020, 13, 4945-4953.	6.8	31
8	Au 25 clusters as precursors for the synthesis of AuPd bimetallic nanoparticles with isolated atomic Pd-surface sites. Molecular Catalysis, 2018, 457, 33-40.	2.0	6
9	Synthesis of sinter-resistant Au@silica catalysts derived from Au₂₅ clusters. Catalysis Science and Technology, 2017, 7, 272-280.	4.1	31
10	Supported bimetallic AuPd clusters using activated Au25 clusters. Catalysis Today, 2017, 280, 259-265.	4.4	19
11	Solving local structure around dopants in metal nanoparticles with ab initio modeling of X-ray absorption near edge structure. Physical Chemistry Chemical Physics, 2016, 18, 19621-19630.	2.8	25
12	Isolation of Carboxylic Acid-Protected Au₂₅ Clusters Using a Borohydride Purification Strategy. Langmuir, 2015, 31, 1835-1841.	3.5	16
13	Following the Reactivity of Au₂₅(SC₈H₉)₁₈^{â€“} Clusters with Pd²⁺ and Ag⁺ Ions Using in Situ X-ray Absorption Spectroscopy: A Tale of Two Metals. Journal of Physical Chemistry C, 2015, 119, 23279-23284.	3.1	15
14	Stable and recyclable Au₂₅clusters for the reduction of 4-nitrophenol. Chemical Communications, 2013, 49, 276-278.	4.1	134
15	Following the Thermal Activation of Au₂₅(SR)₁₈ Clusters for Catalysis by X-ray Absorption Spectroscopy. Journal of Physical Chemistry C, 2013, 117, 20007-20016.	3.1	66