

Ravi Kumar Marella

List of Publications by Year in descending order

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15
papers

459
citations

840776

11
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940533

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18
docs citations

18
times ranked

632
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly active Cu/MgO catalysts for selective dehydrogenation of benzyl alcohol into benzaldehyde using neither O ₂ nor H ₂ acceptor. <i>Catalysis Science and Technology</i> , 2012, 2, 1833.	4.1	79
2	Current Trends in the Application of Nanomaterials for the Removal of Pollutants from Industrial Wastewater Treatment—A Review. <i>Molecules</i> , 2021, 26, 2799.	3.8	61
3	Selective gas-phase hydrogenation of benzonitrile into benzylamine over Cu–MgO catalysts without using any additives. <i>New Journal of Chemistry</i> , 2013, 37, 3229.	2.8	49
4	Preparation of novel chitosan polymeric nanocomposite as an efficient material for the removal of Acid Blue 25 from aqueous environment. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 760-768.	7.5	46
5	Cu(II) complex heterogenized on SBA-15: a highly efficient and additive-free solid catalyst for the homocoupling of alkynes. <i>RSC Advances</i> , 2014, 4, 3718-3725.	3.6	39
6	RhNPs/SBA-NH ₂ : a high-performance catalyst for aqueous phase reduction of nitroarenes to aminoarenes at room temperature. <i>Catalysis Science and Technology</i> , 2014, 4, 1813-1819.	4.1	36
7	Selective benzylic oxidation of alkylaromatics over Cu/SBA-15 catalysts under solvent-free conditions. <i>Catalysis Communications</i> , 2013, 39, 5-9.	3.3	33
8	Salt Tunable Rheology of Thixotropic Supramolecular Organogels and Their Applications for Crystallization of Organic Semiconductors. <i>Langmuir</i> , 2016, 32, 12805-12813.	3.5	31
9	Synthesis and characterization of Cu(OH) ₂ -NWs-PVA-AC Nano-composite and its use as an efficient adsorbent for removal of methylene blue. <i>Scientific Reports</i> , 2021, 11, 5686.	3.3	22
10	Metal-Free Hydrogenation of Biomass Derived Furfural into Furfuryl Alcohol Over Carbon–MgO Catalysts in Continuous Mode. <i>Catalysis Letters</i> , 2017, 147, 1278-1284.	2.6	18
11	Hydrogen-free hydrogenation of nitrobenzene via direct coupling with cyclohexanol dehydrogenation over ordered mesoporous MgO/SBA-15 supported Cu nanoparticles. <i>RSC Advances</i> , 2020, 10, 38755-38766.	3.6	13
12	CO ₂ utilization as a soft oxidant for the synthesis of styrene from ethylbenzene over Co ₃ O ₄ supported on magnesium aluminate spinel: role of spinel activation temperature. <i>Scientific Reports</i> , 2020, 10, 22170.	3.3	12
13	Dynamic covalent bonding-triggered supramolecular gelation derived from tetrahydroxy-bisurea derivatives. <i>Soft Matter</i> , 2017, 13, 8609-8617.	2.7	8
14	Porphyrin N-Pincer Pd(II)-Complexes in Water: A Base-Free and Nature-Inspired Protocol for the Oxidative Self-Coupling of Potassium Aryltrifluoroborates in Open-Air. <i>Molecules</i> , 2021, 26, 5390.	3.8	8
15	Highly active biomorphic MgO/C supported Cu NPs direct catalytic coupling of 1,4-butanediol dehydrogenation and acetophenone hydrogenation using in-situ liberated H ₂ . <i>Molecular Catalysis</i> , 2021, 507, 111561.	2.0	2