

Reena Goyal

List of Publications by Year in descending order

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17
papers

534
citations

687363

13
h-index

888059

17
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17
times ranked

791
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies of synergy between metal–support interfaces and selective hydrogenation of HMF to DMF in water. <i>Journal of Catalysis</i> , 2016, 340, 248-260.	6.2	101
2	MoO ₃ Nanoclusters Decorated on TiO ₂ Nanorods for Oxidative dehydrogenation of ethane to ethylene. <i>Applied Catalysis B: Environmental</i> , 2017, 217, 637-649.	20.2	59
3	Single-step synthesis of hierarchical B _x CN: a metal-free catalyst for low-temperature oxidative dehydrogenation of propane. <i>Journal of Materials Chemistry A</i> , 2016, 4, 18559-18569.	10.3	54
4	Advantages and limitations of catalytic oxidation with hydrogen peroxide: from bulk chemicals to lab scale process. <i>Catalysis Reviews - Science and Engineering</i> , 2022, 64, 229-285.	12.9	52
5	Hydrogenation of 5-hydroxymethylfurfural to 2,5 dimethylfuran over nickel supported tungsten oxide nanostructured catalyst. <i>Sustainable Energy and Fuels</i> , 2018, 2, 191-198.	4.9	49
6	Highly nanodispersed Gd-doped Ni/ZSM-5 catalyst for enhanced carbon-resistant dry reforming of methane. <i>Journal of Molecular Catalysis A</i> , 2016, 424, 17-26.	4.8	39
7	Visible-Light-Assisted Photocatalytic CO ₂ Reduction over InTaO ₄ : Selective Methanol Formation. <i>Energy & Fuels</i> , 2017, 31, 12434-12438.	5.1	30
8	Oxidative coupling of aniline and desulfurization over nitrogen rich mesoporous carbon. <i>Catalysis Science and Technology</i> , 2015, 5, 3632-3638.	4.1	28
9	Ag and WO _x Nanoparticles Embedded in Mesoporous SiO ₂ for Cyclohexane Oxidation. <i>ACS Applied Nano Materials</i> , 2019, 2, 5989-5999.	5.0	25
10	Acid–Base Cooperative Catalysis over Mesoporous Nitrogen-Rich Carbon. <i>ChemCatChem</i> , 2014, 6, 3091-3095.	3.7	21
11	Morphology-controlled synthesis of TiO ₂ nanostructures for environmental application. <i>Catalysis Communications</i> , 2016, 74, 43-48.	3.3	15
12	CNx stabilized Ni-Ga nanoparticles for CO ₂ hydrogenation: Role of preparation methods. <i>Catalysis Today</i> , 2020, 343, 48-55.	4.4	15
13	Fe-decorated hierarchical molybdenum carbide for direct conversion of CO ₂ into ethylene: Tailoring activity and stability. <i>Journal of CO₂ Utilization</i> , 2021, 50, 101607.	6.8	14
14	One-pot transformation of glucose into hydroxymethyl furfural in water over Pd decorated acidic ZrO ₂ . <i>Renewable Energy</i> , 2022, 183, 791-801.	8.9	14
15	Synthesis of Ag ₂ WCN Nanocomposites for the One-Step Conversion of Cyclohexene to Adipic Acid and Its Mechanistic Studies. <i>Chemistry - A European Journal</i> , 2017, 23, 16555-16565.	3.3	9
16	Role of Pyridinic Nitrogen on Base Catalyzed Knoevenagel Condensation over Pristine CNx. <i>ChemistrySelect</i> , 2017, 2, 8086-8090.	1.5	6
17	Synthesis of sub-nanometric Cu ₂ O catalysts for Pd-free C–C coupling reactions. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 929-936.	3.7	3