

# Reena Goyal

## List of Publications by Year in descending order

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17  
papers

534  
citations

687363

13  
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888059

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docs citations

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times ranked

791  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	One-pot transformation of glucose into hydroxymethyl furfural in water over Pd decorated acidic ZrO <sub>2</sub> . <i>Renewable Energy</i> , 2022, 183, 791-801.	8.9	14
3	Synthesis of sub-nanometric Cu <sub>2</sub> O catalysts for Pd-free C-C coupling reactions. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 929-936.	3.7	3
4	Fe-decorated hierarchical molybdenum carbide for direct conversion of CO <sub>2</sub> into ethylene: Tailoring activity and stability. <i>Journal of CO<sub>2</sub> Utilization</i> , 2021, 50, 101607.	6.8	14
5	CNx stabilized Ni-Ga nanoparticles for CO <sub>2</sub> hydrogenation: Role of preparation methods. <i>Catalysis Today</i> , 2020, 343, 48-55.	4.4	15
6	Ag and WO <sub>x</sub> Nanoparticles Embedded in Mesoporous SiO <sub>2</sub> for Cyclohexane Oxidation. <i>ACS Applied Nano Materials</i> , 2019, 2, 5989-5999.	5.0	25
7	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
8	MoO <sub>3</sub> Nanoclusters Decorated on TiO <sub>2</sub> Nanorods for Oxidative dehydrogenation of ethane to ethylene. <i>Applied Catalysis B: Environmental</i> , 2017, 217, 637-649.	20.2	59
9	Visible-Light-Assisted Photocatalytic CO <sub>2</sub> Reduction over InTaO <sub>4</sub> : Selective Methanol Formation. <i>Energy &amp; Fuels</i> , 2017, 31, 12434-12438.	5.1	30
10	Role of Pyridinic Nitrogen on Base Catalyzed Knoevenagel Condensation over Pristine CNx. <i>ChemistrySelect</i> , 2017, 2, 8086-8090.	1.5	6
11	Synthesis of Ag/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
12	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
13	Single-step synthesis of hierarchical B <sub>x</sub> 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
14	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
15	Morphology-controlled synthesis of TiO <sub>2</sub> nanostructures for environmental application. <i>Catalysis Communications</i> , 2016, 74, 43-48.	3.3	15
16	Oxidative coupling of aniline and desulfurization over nitrogen rich mesoporous carbon. <i>Catalysis Science and Technology</i> , 2015, 5, 3632-3638.	4.1	28
17	Acid-Base Cooperative Catalysis over Mesoporous Nitrogen-Rich Carbon. <i>ChemCatChem</i> , 2014, 6, 3091-3095.	3.7	21