

# Diganta Bhuyan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9232475/publications.pdf>

Version: 2024-02-01

13  
papers

615  
citations

932766

10  
h-index

1199166

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

996  
citing authors

#	ARTICLE	IF	CITATIONS
1	ZnO nanoparticles embedded in SBA-15 as an efficient heterogeneous catalyst for the synthesis of dihydropyrimidinones via Biginelli condensation reaction. <i>Microporous and Mesoporous Materials</i> , 2018, 256, 39-48.	2.2	47
2	Pd@SBA-15 nanocomposite catalyst: Synthesis and efficient solvent-free semihydrogenation of phenylacetylene under mild conditions. <i>Microporous and Mesoporous Materials</i> , 2017, 241, 266-273.	2.2	26
3	Scavenging Pd <sup>2+</sup> on Amine-Functionalized SBA-15: A Facile Synthesis of Leach-Free Pd <sup>0</sup> Nanocatalyst for Base-Free Chemoselective Transfer Hydrogenation of Olefins. <i>ChemistrySelect</i> , 2017, 2, 6350-6358.	0.7	2
4	Magnetically recoverable chitosan-stabilised copper-iron oxide nanocomposite material as an efficient heterogeneous catalyst for azide-alkyne cycloaddition reactions. <i>New Journal of Chemistry</i> , 2015, 39, 5902-5907.	1.4	59
5	Keggin type phosphotungstic acid encapsulated chromium (III) terephthalate metal organic framework as active catalyst for Biginelli condensation. <i>Applied Catalysis A: General</i> , 2015, 505, 501-506.	2.2	49
6	Facile synthesis of gold nanoparticles on propylamine functionalized SBA-15 and effect of surface functionality of its enhanced bactericidal activity against gram positive bacteria. <i>Materials Research Express</i> , 2015, 2, 075402.	0.8	10
7	Template-free synthesis of Fe <sub>3</sub> O <sub>4</sub> nanorod bundles and their highly efficient peroxidase mimetic activity for the degradation of organic dye pollutants with H <sub>2</sub> O <sub>2</sub> . <i>New Journal of Chemistry</i> , 2015, 39, 7759-7762.	1.4	16
8	Photocatalytic performance of ZnO nanomaterials for self sensitized degradation of malachite green dye under solar light. <i>Applied Catalysis A: General</i> , 2015, 490, 42-49.	2.2	248
9	Facile synthesis of Fe <sub>3</sub> O <sub>4</sub> nanoparticles on metal organic framework MIL-101(Cr): characterization and catalytic activity. <i>New Journal of Chemistry</i> , 2015, 39, 64-67.	1.4	79
10	Magnetically recoverable Fe <sub>3</sub> O <sub>4</sub> @SBA-15: An improved catalyst for three component coupling reaction of aldehyde, amine and alkyne. <i>Catalysis Communications</i> , 2015, 58, 158-163.	1.6	41
11	Block Copolymer Assisted Synthesis of ZnO Nanoparticles and Its Photocatalytic Activity Study Under Solar Irradiation. <i>Journal of Nanoengineering and Nanomanufacturing</i> , 2015, 5, 170-175.	0.3	0
12	Flower shaped homocentric pencil like ZnO nanorod bundles: synthesis, characterisation and study of their photocatalytic activity. <i>RSC Advances</i> , 2014, 4, 8256.	1.7	14
13	Modified Montmorillonite clay catalyzed regioselective ring opening of epoxide with amines and alcohols under solvent free conditions. <i>Applied Catalysis A: General</i> , 2014, 487, 195-201.	2.2	24