

Diganta Bhuyan

List of Publications by Year in descending order

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13
papers

615
citations

932766

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1199166

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14
docs citations

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times ranked

996
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | Facile synthesis of Fe ₃ O ₄ 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Magnetically recoverable Fe ₃ O ₄ @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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Template-free synthesis of Fe ₃ O ₄ nanorod bundles and their highly efficient peroxidase mimetic activity for the degradation of organic dye pollutants with H ₂ O ₂ . <i>New Journal of Chemistry</i> , 2015, 39, 7759-7762. | 1.4 | 16 |
| 10 | 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 |
| 11 | 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 |
| 12 | Scavenging Pd ²⁺ on Amine-Functionalized SBA-15: A Facile Synthesis of Leach-Free Pd ⁰ Nanocatalyst for Base-Free Chemoselective Transfer Hydrogenation of Olefins. <i>ChemistrySelect</i> , 2017, 2, 6350-6358. | 0.7 | 2 |
| 13 | 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 |