

# Sriparna Dutta

## List of Publications by Year in descending order

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23  
papers

965  
citations

687363

13  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1277  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Earth-abundant cobalt based photocatalyst: visible light induced direct (het)arene C-H arylation and CO <sub>2</sub> capture. Dalton Transactions, 2022, 51, 2452-2463.	3.3	5
2	A sustainable gateway to access 1,8-dioxo-octahydroxanthene scaffolds <i>via</i> a surface-engineered halloysite-based magnetically responsive catalyst. New Journal of Chemistry, 2022, 46, 5405-5418.	2.8	4
3	Magnetic Boron Nitride Nanosheets Decorated with Cobalt Nanoparticles as Catalyst for the Synthesis of 3,4-Dihydropyrimidin-2(1 <i>H</i> )-ones/thiones. ACS Applied Nano Materials, 2022, 5, 4875-4886.	5.0	8
4	Unravelling the catalytic potential of a magnetic CoFe <sub>2</sub> O <sub>4</sub> /Cu <sup>II</sup> ABDC MOF composite in the sustainable synthesis of 2 <i>H</i> -indazole motifs. New Journal of Chemistry, 2022, 46, 10829-10843.	2.8	10
5	Recyclable magnetically retrievable nanocatalysts for C-H heteroatom bond formation reactions. ChemistrySelect, 2022, .	1.5	0
6	Magnetic metal-organic framework composites: structurally advanced catalytic materials for organic transformations. Materials Advances, 2021, 2, 2153-2187.	5.4	42
7	Nanoengineered iron oxide-based sorbents for separation of various water pollutants: current status, opportunities and future outlook. Environmental Science: Water Research and Technology, 2021, 7, 818-860.	2.4	10
8	Unlocking the catalytic potency of a magnetic responsive CoFe <sub>2</sub> O <sub>4</sub> /Ni-BTC MOF composite for the sustainable synthesis of tri- and tetra-substituted imidazoles. Materials Chemistry Frontiers, 2021, 5, 7343-7355.	5.9	14
9	Silver nanomaterials: synthesis and (electro/photo) catalytic applications. Chemical Society Reviews, 2021, 50, 11293-11380.	38.1	79
10	Efficient and sustainable Co <sub>3</sub> O <sub>4</sub> nanocages based nickel catalyst: A suitable platform for the synthesis of quinoxaline derivatives. Molecular Catalysis, 2021, 504, 111454.	2.0	9
11	Enhanced catalysis through structurally modified hybrid 2-D boron nitride nanosheets comprising of complexed 2-hydroxy-4-methoxybenzophenone motif. Scientific Reports, 2021, 11, 24429.	3.3	2
12	<i>In situ</i> hydroxyl radical generation using the synergism of the Co <sup>II</sup> -Ni bimetallic centres of a developed nanocatalyst with potent efficiency for degrading toxic water pollutants. Materials Chemistry Frontiers, 2020, 4, 605-620.	5.9	26
13	Aldehydes: magnificent acyl equivalents for direct acylation. Organic and Biomolecular Chemistry, 2020, 18, 7987-8033.	2.8	30
14	Harnessing the Untapped Catalytic Potential of a CoFe <sub>2</sub> O <sub>4</sub> /Mn-BDC Hybrid MOF Composite for Obtaining a Multitude of 1,4-Disubstituted 1,2,3-Triazole Scaffolds. Inorganic Chemistry, 2020, 59, 8334-8344.	4.0	23
15	Design and Exploration of Catalytic Activity of Two-Dimensional Surface-Engineered Graphene Oxide Nanosheets in the Transannulation of N-Heterocyclic Aldehydes or Ketones with Alkylamines. ACS Omega, 2019, 4, 3146-3158.	3.5	16
16	Expanding the Horizon of Multicomponent Oxidative Coupling Reaction via the Design of a Unique, 3D Copper Isophthalate MOF-Based Catalyst Decorated with Mixed Spinel CoFe <sub>2</sub> O <sub>4</sub> Nanoparticles. ACS Omega, 2018, 3, 15100-15111.	3.5	29
17	Fabrication of Core-Shell-Structured Organic-Inorganic Hybrid Nanocatalyst for the Expedient Synthesis of Polysubstituted Oxazoles via Tandem Oxidative Cyclization Pathway. ACS Omega, 2017, 2, 2778-2791.	3.5	29
18	Fe <sub>3</sub> O <sub>4</sub> (iron oxide)-supported nanocatalysts: synthesis, characterization and applications in coupling reactions. Green Chemistry, 2016, 18, 3184-3209.	9.0	342

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19	Zinc(II) complex immobilized on amine functionalized silica gel: a novel, highly efficient and recyclable catalyst for multicomponent click synthesis of 1,4-disubstituted 1,2,3-triazoles. <i>Journal of Coordination Chemistry</i> , 2016, 69, 1152-1165.	2.2	14
20	Nickel(II) complex covalently anchored on core shell structured $\text{SiO}_2@Fe_3O_4$ nanoparticles: a robust and magnetically retrievable catalyst for direct one-pot reductive amination of ketones. <i>New Journal of Chemistry</i> , 2016, 40, 2089-2101.	2.8	25
21	Coordinated copper(II) supported on silica nanospheres applied to the synthesis of $\alpha$ -ketoamides via oxidative amidation of methyl ketones. <i>Journal of Materials Science</i> , 2016, 51, 2121-2133.	3.7	10
22	Silica-nanosphere-based organic-inorganic hybrid nanomaterials: synthesis, functionalization and applications in catalysis. <i>Green Chemistry</i> , 2015, 17, 3207-3230.	9.0	191
23	Quinoline-2-carboimine copper complex immobilized on amine functionalized silica coated magnetite nanoparticles: a novel and magnetically retrievable catalyst for the synthesis of carbamates via C-H activation of formamides. <i>Dalton Transactions</i> , 2015, 44, 1303-1316.	3.3	47