

Sneha Yadav

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ingeniously designed Silica nanostructures as an exceptional support: Opportunities, potential challenges and future prospects for viable degradation of pesticides. <i>Journal of Environmental Management</i> , 2022, 301, 113821.	7.8	11
2	An Earth-abundant cobalt based photocatalyst: visible light induced direct (het)arene C-H arylation and CO ₂ capture. <i>Dalton Transactions</i> , 2022, 51, 2452-2463.	3.3	5
3	A sustainable gateway to access 1,8-dioxo-octahydroxanthene scaffolds <i>via</i> a surface-engineered halloysite-based magnetically responsive catalyst. <i>New Journal of Chemistry</i> , 2022, 46, 5405-5418.	2.8	4
4	Magnetic Boron Nitride Nanosheets Decorated with Cobalt Nanoparticles as Catalyst for the Synthesis of 3,4-Dihydropyrimidin-2(1 <i>H</i>)-ones/thiones. <i>ACS Applied Nano Materials</i> , 2022, 5, 4875-4886.	5.0	8
5	Magnetically separable type-II semiconductor based ZnO/MoO ₃ photocatalyst: a proficient system for heteroarenes arylation and rhodamine B degradation under visible light. <i>New Journal of Chemistry</i> , 2022, 46, 8478-8488.	2.8	5
6	Unravelling the catalytic potential of a magnetic CoFe ₂ O ₄ /Cu ^{II} ABDC MOF composite in the sustainable synthesis of 2 <i>H</i> -indazole motifs. <i>New Journal of Chemistry</i> , 2022, 46, 10829-10843.	2.8	10
7	Recyclable magnetically retrievable nanocatalysts for C-heteroatom bond formation reactions. <i>ChemistrySelect</i> , 2022, .	1.5	0
8	Magnetic metal-organic framework composites: structurally advanced catalytic materials for organic transformations. <i>Materials Advances</i> , 2021, 2, 2153-2187.	5.4	42
9	Unlocking the catalytic potency of a magnetic responsive CoFe ₂ O ₄ /Ni-BTC MOF composite for the sustainable synthesis of tri- and tetra-substituted imidazoles. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7343-7355.	5.9	14
10	Silver nanomaterials: synthesis and (electro/photo) catalytic applications. <i>Chemical Society Reviews</i> , 2021, 50, 11293-11380.	38.1	79
11	Efficient and sustainable Co ₃ O ₄ nanocages based nickel catalyst: A suitable platform for the synthesis of quinoxaline derivatives. <i>Molecular Catalysis</i> , 2021, 504, 111454.	2.0	9
12	Enhanced catalysis through structurally modified hybrid 2-D boron nitride nanosheets comprising of complexed 2-hydroxy-4-methoxybenzophenone motif. <i>Scientific Reports</i> , 2021, 11, 24429.	3.3	2
13	<i>In situ</i> hydroxyl radical generation using the synergism of the Co-Ni bimetallic centres of a developed nanocatalyst with potent efficiency for degrading toxic water pollutants. <i>Materials Chemistry Frontiers</i> , 2020, 4, 605-620.	5.9	26
14	Harnessing the Untapped Catalytic Potential of a CoFe ₂ O ₄ /Mn-BDC Hybrid MOF Composite for Obtaining a Multitude of 1,4-Disubstituted 1,2,3-Triazole Scaffolds. <i>Inorganic Chemistry</i> , 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. <i>ACS Omega</i> , 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 ₂ O ₄ Nanoparticles. <i>ACS Omega</i> , 2018, 3, 15100-15111.	3.5	29
17	An efficient synthesis of novel 3-hydroxy-12-arylbenzo[a]xanthene-11-ones and 5,12-diarylxantheno[2,1-a]xanthene-4,12-diones using pTSA in [bmim]BF ₄ . <i>Canadian Journal of Chemistry</i> , 2013, 91, 698-703.	1.1	8