

# Bhavya Arora

## List of Publications by Year in descending order

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Version: 2024-02-01

8  
papers

92  
citations

1478505

6  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

63  
citing authors

#	ARTICLE	IF	CITATIONS
1	<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
2	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
3	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. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7343-7355.	5.9	14
4	Unravelling the catalytic potential of a magnetic CoFe <sub>2</sub> O <sub>4</sub> /Cu–ABDC MOF composite in the sustainable synthesis of 2-H-indazole motifs. <i>New Journal of Chemistry</i> , 2022, 46, 10829-10843.	2.8	10
5	Efficient and sustainable Co <sub>3</sub> O <sub>4</sub> nanocages based nickel catalyst: A suitable platform for the synthesis of quinoxaline derivatives. <i>Molecular Catalysis</i> , 2021, 504, 111454.	2.0	9
6	Magnetic Boron Nitride Nanosheets Decorated with Cobalt Nanoparticles as Catalyst for the Synthesis of 3,4-Dihydropyrimidin-2(1H)-ones/thiones. <i>ACS Applied Nano Materials</i> , 2022, 5, 4875-4886.	5.0	8
7	An Earth-abundant cobalt based photocatalyst: visible light induced direct (het)arene C–H arylation and CO <sub>2</sub> capture. <i>Dalton Transactions</i> , 2022, 51, 2452-2463.	3.3	5
8	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