

Radhika Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

797
citations

758635

12
h-index

839053

18
g-index

23
all docs

23
docs citations

23
times ranked

840
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent development of covalent organic frameworks (COFs): synthesis and catalytic (organic-electro-photo) applications. <i>Materials Horizons</i> , 2020, 7, 411-454.	6.4	291
2	Green and Sustainable Pathways for Wastewater Purification. , 2019, , 355-383.		86
3	A straightforward one-pot synthesis of bioactive N-aryl oxazolidin-2-ones via a highly efficient Fe ₃ O ₄ @SiO ₂ -supported acetate-based butylimidazolium ionic liquid nanocatalyst under metal- and solvent-free conditions. <i>Green Chemistry</i> , 2017, 19, 3801-3812.	4.6	62
4	Endocrine disruption and obesity: A current review on environmental obesogens. <i>Current Research in Green and Sustainable Chemistry</i> , 2020, 3, 100009.	2.9	49
5	Silica-Coated Magnetic-Nanoparticle-Supported DABCO-Derived Acidic Ionic Liquid for the Efficient Synthesis of Bioactive 3,3-Di(indolyl)indolin-2-ones. <i>ACS Omega</i> , 2019, 4, 21529-21539.	1.6	44
6	Cross-dehydrogenative C(sp ³)–C(sp ³) coupling <i>via</i> C–H activation using magnetically retrievable ruthenium-based photoredox nanocatalyst under aerobic conditions. <i>Chemical Communications</i> , 2019, 55, 7402-7405.	2.2	36
7	Synthesis of Magnetic Nanoparticles Using Potato Extract for Dye Degradation: A Green Chemistry Experiment. <i>Journal of Chemical Education</i> , 2019, 96, 3038-3044.	1.1	35
8	Magnetically supported ionic liquids: a sustainable catalytic route for organic transformations. <i>Materials Horizons</i> , 2020, 7, 3097-3130.	6.4	33
9	Synthesis of Iron Oxide Palladium Nanoparticles and Their Catalytic Applications for Direct Coupling of Acyl Chlorides with Alkynes. <i>ChemPlusChem</i> , 2016, 81, 1312-1319.	1.3	30
10	Aerobic Oxidation of Thiols to Disulfides by Silver-Based Magnetic Catalyst. <i>ChemistrySelect</i> , 2018, 3, 2502-2508.	0.7	22
11	Fabrication of Copper-Based Silica-Coated Magnetic Nanocatalyst for Efficient One-pot Synthesis of Chalcones <i>via</i> A ³ Coupling of Aldehydes–Alkynes–Amines. <i>ChemCatChem</i> , 2020, 12, 2488-2496.	1.8	19
12	Fabrication, functionalization and advanced applications of magnetic hollow materials in confined catalysis and environmental remediation. <i>Nanoscale</i> , 2021, 13, 10967-11003.	2.8	18
13	A Novel and Template-Free Synthesis of Multifunctional Double-Shelled Fe ₃ O ₄ –C Nanoreactor as an Ideal Support for Confined Catalytic Reactions. <i>ChemistrySelect</i> , 2017, 2, 10871-10879.	0.7	15
14	Current Status of Heavy Metal Contaminants and Their Removal/Recovery Techniques. <i>ACS Symposium Series</i> , 2020, , 41-64.	0.5	13
15	Ultrasonically-mediated one-pot synthesis of substituted imidazoles via sulfamic acid functionalized hollow magnetically retrievable solid-acid catalyst. <i>Current Research in Green and Sustainable Chemistry</i> , 2021, 4, 100050.	2.9	11
16	A magnetically retrievable copper ionic liquid nanocatalyst for cyclooxidative synthesis of 2-phenylquinazolin-4(3 <i>H</i>)-ones. <i>Dalton Transactions</i> , 2021, 50, 890-898.	1.6	10
17	A template free protocol for fabrication of a Ni(<i>scp</i>)-loaded magnetically separable nanoreactor scaffold for confined synthesis of unsymmetrical diaryl sulfides in water. <i>RSC Advances</i> , 2020, 10, 19390-19396.	1.7	9
18	Chemistry of magnetic covalent organic frameworks (MagCOFs): from synthesis to separation applications. <i>Materials Advances</i> , 2022, 3, 1432-1458.	2.6	9

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19	An Efficient and Sustainable Approach to Decarboxylative Cross-Coupling Using Silica Coated Magnetic Copper Nanocatalyst for the Synthesis of Internal Alkynes. <i>Frontiers in Chemistry</i> , 2021, 9, 773855.	1.8	3
20	Synthesis of phenol esters by direct C-H activation of aldehydes using highly efficient and reusable copper immobilized polyimide covalent organic framework (Cu@PI-COF). <i>New Journal of Chemistry</i> , 0, , .	1.4	2
21	Catalytic Applications of Silica-Based Organic-Inorganic Hybrid Nanomaterials for Different Organic Transformations. <i>Sustainable Chemistry Series</i> , 2019, , 171-219.	0.1	0
22	Other Potential Catalytic Applications and Future Perspectives. <i>Sustainable Chemistry Series</i> , 2019, , 221-258.	0.1	0
23	Silica-Encapsulated Magnetic Nanoparticles. <i>Sustainable Chemistry Series</i> , 2019, , 67-95.	0.1	0