

Yachana Jain

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

477
citations

933447

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Preparation of Fe ₃ O ₄ -Cys-Cu magnetic nanocatalyst for expedient synthesis of tripodal C ₃ symmetric chromofluorogenic receptor for sensing of fluoride ion selectively: An experimental and computational slant. <i>Materials Chemistry and Physics</i> , 2022, 288, 126360.	4.0	3
2	Selective removal of uranium from an aqueous solution of mixed radionuclides of uranium, cesium, and strontium via a viable recyclable GO@chitosan based magnetic nanocomposite. <i>Materials Today Communications</i> , 2022, 32, 104020.	1.9	17
3	Antipyrine based Schiff TM s base as a reversible fluorescence turn <i>off-on-off</i> -chemosensor for sequential recognition of Al ³⁺ and F ⁻ ions: A theoretical and experimental perspective. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117596.	3.9	27
4	Sonochemical Decoration of Graphene Oxide with Magnetic Fe ₃ O ₄ @CuO Nanocomposite for Efficient Click Synthesis of Coumarin-Sugar Based Bioconjugates and Their Cytotoxic Activity. <i>Catalysis Letters</i> , 2020, 150, 1142-1154.	2.6	20
5	Robust synthesis of sugar-coumarin based fluorescent 1,4-disubstituted-1,2,3-triazoles using highly efficient recyclable citrate grafted β -cyclodextrin@magnetite nano phase transfer catalyst in aqueous media. <i>Carbohydrate Research</i> , 2019, 482, 107736.	2.3	10
6	Fe ₃ O ₄ @Ag nanoparticles: A new magnetically separable robust and facile catalyst for aqueous phase reduction of nitroarenes. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5223.	3.5	12
7	Preparation of a simple biocompatible magnetite@citric acid: An efficient reusable solid acid catalyst for the rapid synthesis of antipyrine Schiff TM s bases and study of their radical scavenging potential. <i>Synthetic Communications</i> , 2019, 49, 529-538.	2.1	19
8	Ultrasound Promoted Fabrication of CuO@Graphene Oxide Nanocomposite for Facile Synthesis of Fluorescent Coumarin Based 1,4-disubstituted 1,2,3-triazoles in Aqueous Media. <i>ChemistrySelect</i> , 2019, 4, 7015-7026.	1.5	12
9	Synthesis of Fe ₃ O ₄ -DOPA-Cu Magnetically Separable Nanocatalyst: A Versatile and Robust Catalyst for an Array of Sustainable Multicomponent Reactions under Microwave Irradiation. <i>Catalysis Letters</i> , 2019, 149, 2180-2194.	2.6	29
10	Sonochemical synthesis of fluorescent 1,4-disubstituted triazoles using l-phenylalanine as an accelerator ligand in aqueous media. <i>Tetrahedron Letters</i> , 2019, 60, 1215-1220.	1.4	11
11	Chemical Waltz of Organic Molecules <i>On Water</i> : Saline-Assisted Sustainable Regioselective Synthesis of Fluorogenic Heterobioconjugates via Click Reaction. <i>ACS Omega</i> , 2019, 4, 3582-3592.	3.5	13
12	Trifluoromethyl group containing C ₃ symmetric coumarin-triazole based fluorometric tripodal receptors for selective fluoride ion recognition: A theoretical and experimental approach. <i>Journal of Fluorine Chemistry</i> , 2018, 212, 153-160.	1.7	15
13	Synthesis and Characterization of Graphene Oxide (GO) and Reduced Graphene Oxide (rGO) for Gas Sensing Application. <i>Macromolecular Symposia</i> , 2017, 376, 1700006.	0.7	289