

Mayank Joshi

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

572
citations

567281

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docs citations

30
times ranked

548
citing authors

#	ARTICLE	IF	CITATIONS
1	C 60 -fullerenes for delivery of docetaxel to breast cancer cells: A promising approach for enhanced efficacy and better pharmacokinetic profile. <i>International Journal of Pharmaceutics</i> , 2015, 495, 551-559.	5.2	115
2	Salen Type Ligand as a Selective and Sensitive Nickel(II) ion Chemosensor: A Combined Investigation with Experimental and Theoretical Modelling. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 560-566.	7.8	46
3	Synthesis, structure, polyphenol oxidase mimicking and bactericidal activity of a zinc-schiff base complex. <i>Polyhedron</i> , 2021, 194, 114933.	2.2	39
4	Ligand-Centered Radical Activity by a Zinc-Schiff Base Complex towards Catechol Oxidation. <i>ChemistrySelect</i> , 2018, 3, 10774-10781.	1.5	28
5	Synthesis and spectroscopic characterization of a photo-stable tetrazinc(II)-Schiff base cluster: A rare case of ligand centric phenoxazinone synthase activity. <i>Polyhedron</i> , 2018, 156, 223-230.	2.2	27
6	Cascade detection of fluoride and bisulphate ions by newly developed hydrazine functionalised Schiff bases. <i>Journal of Molecular Liquids</i> , 2021, 326, 115293.	4.9	25
7	Aminated carbon-based "cargo vehicles" for improved delivery of methotrexate to breast cancer cells. <i>Materials Science and Engineering C</i> , 2017, 75, 1376-1388.	7.3	24
8	Transesterification activity by a zinc(II)-Schiff base complex with theoretical interpretation. <i>Inorganica Chimica Acta</i> , 2020, 506, 119541.	2.4	24
9	Schiff base triggering synthesis of copper(II) complex and its catalytic fate towards mimics of phenoxazinone synthase activity. <i>Inorganica Chimica Acta</i> , 2020, 505, 119468.	2.4	24
10	Designed pincer ligand supported Co(II)-based catalysts for dehydrogenative activation of alcohols: Studies on <i>N</i> -alkylation of amines, α -alkylation of ketones and synthesis of quinolines. <i>Dalton Transactions</i> , 2021, 50, 8567-8587.	3.3	24
11	Layered Cs ₄ CuSb ₂ Cl ₁₂ Nanocrystals for Sunlight-Driven Photocatalytic Degradation of Pollutants. <i>ACS Applied Nano Materials</i> , 2021, 4, 1305-1313.	5.0	23
12	Ligand directed synthesis of a unprecedented tetragonalbipyramidal copper (II) complex and its antibacterial activity and catalytic role in oxidative dimerisation of 2-aminophenol. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5935.	3.5	21
13	Salts of Amoxapine with Improved Solubility for Enhanced Pharmaceutical Applicability. <i>ACS Omega</i> , 2018, 3, 2406-2416.	3.5	20
14	Diastereoselective Desymmetrization of Prochiral Cyclopentenediones via Cycloaddition Reaction with <i>N</i> -Phenacylbenzothiazolium Bromides. <i>Journal of Organic Chemistry</i> , 2017, 82, 12763-12770.	3.2	17
15	Copper(II) complexes with a benzimidazole functionalized Schiff base: Synthesis, crystal structures, and role of ancillary ions in phenoxazinone synthase activity. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6211.	3.5	17
16	Structural and luminescent properties of a new 1D Cadmium(II) coordination polymer: A combined effort with experiment & theory. <i>Journal of Molecular Structure</i> , 2018, 1167, 187-193.	3.6	14
17	Phenoxazinone synthase and antimicrobial activity by a bis(1,3-diamino-2-propanolate) cobalt(III) complex. <i>Journal of Chemical Sciences</i> , 2018, 130, 1.	1.5	14
18	Strategic design and synthesis of AIEE (Aggregation Induced Enhanced Emission) active push-pull type pyrene derivatives for the ultrasensitive detection of explosives. <i>Sensing and Bio-Sensing Research</i> , 2019, 23, 100267.	4.2	13

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19	<i>De novo</i> synthesis of hybrid dâ€™f block metal complex salts for electronic charge transport applications. Dalton Transactions, 2022, 51, 1561-1570.	3.3	12
20	Hydroboration and reductive amination of ketones and aldehydes with HBpin by a bench stable Pd(ⁱ)-catalyst. Organic and Biomolecular Chemistry, 2022, 20, 1103-1111.	2.8	12
21	Synthesis and structural characterization of a linkage isomer to a mononuclear Nickel(II) complex: Experimental and computational depiction of phosphoesterase efficiency. Journal of Molecular Structure, 2020, 1200, 127083.	3.6	5
22	pH dependent catecholase activity of Fe(II) complexes of type [Fe(L)]X ₂ [L=AN-(phenyl-pyridin-2-yl-methylene)-ethane-1,2-diamine; X=ClO ₄ ⁻ (1), PF ₆ ⁻ (2)]: Role of counter anion on 2.4 turnover number. Inorganica Chimica Acta, 2020, 513, 119933.		5
23	Molecular Engineering for the Development of a Discotic Nematic Mesophase and Solid-State Emitter in Deep-Blue OLEDs. Journal of Organic Chemistry, 2021, 86, 7256-7262.	3.2	5
24	Biomimics of phenazine oxidase activity of a cobalt (III)â€™dipyridylamine complex: Spectroscopic, structural, and computational studies^{â€™}. Applied Organometallic Chemistry, 2022, 36, .	3.5	5
25	Unprecedented copper(ii) coordination induced nucleophilic cleavage of a quinoxaline heterocycle: structural and computational studies. CrystEngComm, 2021, 23, 5078-5086.	2.6	3
26	Synthesis, in vitro anti-plasmodial potency, in silico cum SPR binding with inhibition of PfPyridoxal synthase, and rapid parasiticidal action by 3,5-Bis {(E) arylidene}-N-methyl-4-piperidones. New Journal of Chemistry, 0, , .	2.8	3
27	Organocatalyzed umpolung addition for synthesis of heterocyclic-fused arylidene-imidazolones as anticancer agents. Bioorganic and Medicinal Chemistry, 2022, 67, 116835.	3.0	3
28	Molecular di- and tetra-nuclear zinc(II) phosphates with sterically hindered aryl phosphate mono esters ligands. Polyhedron, 2019, 172, 216-225.	2.2	2
29	Diarylidenecyclopentanone derivatives as potent anti-inflammatory and anticancer agents. Medicinal Chemistry Research, 2020, 29, 1579-1589.	2.4	2
30	Salts of amoxapine with improved solubility for enhanced pharmaceutical applicability. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C208-C208.	0.1	0