Mayank Joshi

List of Publications by Year
in descending order

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30	572	567281 15	610901 24
papers	citations	h-index	g-index

30	30	30	548
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	De novo synthesis of hybrid dâ€“f block metal complex salts for electronic charge transport applications. Dalton Transactions, 2022, 51, 1561-1570.	3.3	12
3	Hydroboration and reductive amination of ketones and aldehydes with HBpin by a bench stable Pd(<scp>ii</scp>)-catalyst. Organic and Biomolecular Chemistry, 2022, 20, 1103-1111.	2.8	12
4	Organocatalyzed umpolung addition for synthesis of heterocyclic-fused arylidene-imidazolones as anticancer agents. Bioorganic and Medicinal Chemistry, 2022, 67, 116835.	3.0	3
5	Synthesis, structure, polyphenol oxidase mimicking and bactericidal activity of a zinc-schiff base complex. Polyhedron, 2021, 194, 114933.	2.2	39
6	Designed pincer ligand supported Co(<scp>ii</scp>)-based catalysts for dehydrogenative activation of alcohols: Studies on N-alkylation of amines, Î±-alkylation of ketones and synthesis of quinolines. Dalton Transactions, 2021, 50, 8567-8587.	3.3	24
7	Layered Cs₄CuSb₂Cl₁₂ Nanocrystals for Sunlight-Driven Photocatalytic Degradation of Pollutants. ACS Applied Nano Materials, 2021, 4, 1305-1313.	5.0	23
8	Copper(II) complexes with a benzimidazole functionalized Schiff base: Synthesis, crystal structures, and role of ancillary ions in phenoxazinone synthase activity. Applied Organometallic Chemistry, 2021, 35, e6211.	3.5	17
9	Cascade detection of fluoride and bisulphate ions by newly developed hydrazine functionalised Schiff bases. Journal of Molecular Liquids, 2021, 326, 115293.	4.9	25
10	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
11	Unprecedented copper(ii) coordination induced nucleophilic cleavage of a quinoxaline heterocycle: structural and computational studies. CrystEngComm, 2021, 23, 5078-5086.	2.6	3
12	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
13	Ligand directed synthesis of a unprecedented tetragonalbipyramidal copper (II) complex and its antibacterial activity and catalytic role in oxidative dimerisation of 2â€aminophenol. Applied Organometallic Chemistry, 2020, 34, e5935.	3.5	21
14	pH dependent catecholase activity of Fe(II) complexes of type [Fe(L)]X2 [LÂ=ÂN-(phenyl-pyridin-2-yl-methylene)-ethane-1,2-diamine; XÂ=ÂClO4â^' (1), PF6â^' (2)]: Role of counter anion on turnover number. Inorganica Chimica Acta, 2020, 513, 119933.	2.4	5
15	Diarylidenecyclopentanone derivatives as potent anti-inflammatory and anticancer agents. Medicinal Chemistry Research, 2020, 29, 1579-1589.	2.4	2
16	Transesterification activity by a zinc(II)-Schiff base complex with theoretical interpretation. Inorganica Chimica Acta, 2020, 506, 119541.	2.4	24
17	Schiff base triggering synthesis of copper(II) complex and its catalytic fate towards mimics of phenoxazinone synthase activity. Inorganica Chimica Acta, 2020, 505, 119468.	2.4	24
18	Molecular di- and tetra-nuclear zinc(II) phosphates with sterically hindered aryl phosphate mono esters ligands. Polyhedron, 2019, 172, 216-225.	2.2	2

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19	Strategic design and synthesis of AIEE (Aggregation Induced Enhanced Emission) active push-pull type pyrene derivatives for the ultrasensitive detection of explosives. Sensing and Bio-Sensing Research, 2019, 23, 100267.	4.2	13
20	Salts of Amoxapine with Improved Solubility for Enhanced Pharmaceutical Applicability. ACS Omega, 2018, 3, 2406-2416.	3.5	20
21	Structural and luminescent properties of a new 1D Cadmium(II) coordination polymer: A combined effort with experiment & theory. Journal of Molecular Structure, 2018, 1167, 187-193.	3.6	14
22	Phenoxazinone synthase and antimicrobial activity by a bis(1,3-diamino-2-propanolate) cobalt(III) complex. Journal of Chemical Sciences, 2018, 130, 1.	1.5	14
23	Synthesis and spectroscopic characterization of a photo-stable tetrazinc(II)â€“Schiff base cluster: A rare case of ligand centric phenoxazinone synthase activity. Polyhedron, 2018, 156, 223-230.	2.2	27
24	Ligandâ€€centered Radical Activity by a Zincâ€€Schiffâ€€Base Complex towards Catechol Oxidation. ChemistrySelect, 2018, 3, 10774-10781.	1.5	28
25	Salen Type Ligand as a Selective and Sensitive Nickel(II) ion Chemosensor: A Combined Investigation with Experimental and Theoretical Modelling. Sensors and Actuators B: Chemical, 2018, 276, 560-566.	7.8	46
26	Aminated carbon-based â€œcargo vehiclesâ€•for improved delivery of methotrexate to breast cancer cells. Materials Science and Engineering C, 2017, 75, 1376-1388.	7.3	24
27	Diastereoselective Desymmetrization of Prochiral Cyclopentenediones via Cycloaddition Reaction with N-Phenacylbenzothiazolium Bromides. Journal of Organic Chemistry, 2017, 82, 12763-12770.	3.2	17
28	Salts of amoxapine with improved solubility for enhanced pharmaceutical applicability. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C208-C208.	0.1	0
29	C 60 -fullerenes for delivery of docetaxel to breast cancer cells: A promising approach for enhanced efficacy and better pharmacokinetic profile. International Journal of Pharmaceutics, 2015, 495, 551-559.	5.2	115
30	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