

Chandra S Azad

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Covalent Organic Framework Nanosheets as Reactive Fillers To Fabricate Free-Standing Polyamide Membranes for Efficient Desalination. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 27777-27785.	8.0	62
2	Assembling covalent organic framework membranes via phase switching for ultrafast molecular transport. <i>Nature Communications</i> , 2022, 13, .	12.8	42
3	New dimensions in the field of antimalarial research against malaria resurgence. <i>European Journal of Medicinal Chemistry</i> , 2019, 181, 111353.	5.5	32
4	Stereoconvergent synthesis of 1-deoxynojirimycin isomers by using the 3 component 4 centred Ugi reaction. <i>Organic Chemistry Frontiers</i> , 2015, 2, 665-669.	4.5	23
5	Copper-catalysed regioselective azidation of arenes by C-H activation directed by pyridine. <i>RSC Advances</i> , 2015, 5, 100223-100227.	3.6	22
6	Novel Glycoconjugate of 8-Fluoro Norfloxacin Derivatives as Gentamicin-resistant <i>Staphylococcus aureus</i> Inhibitors: Synthesis and Molecular Modelling Studies. <i>Chemical Biology and Drug Design</i> , 2015, 86, 440-446.	3.2	18
7	Organocatalyzed asymmetric Michael addition by an efficient bifunctional carbohydrate-thiourea hybrid with mechanistic DFT analysis. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 11454-11461.	2.8	18
8	Synthesis of primaquine glycoconjugates as potential tissue schizontocidal antimalarial agents. <i>Chemical Biology and Drug Design</i> , 2017, 90, 254-261.	3.2	16
9	One pot conversion of carbohydrates alcohol into chloride via benzotriazole sulfonate. <i>Tetrahedron</i> , 2013, 69, 2608-2612.	1.9	14
10	Operative conversions of 3-carboxy-4-quinolones into 3-nitro-4-quinolones via ipso-nitration: potential antifilarial agents as inhibitors of <i>Brugia malayi</i> thymidylate kinase. <i>RSC Advances</i> , 2015, 5, 82208-82214.	3.6	13
11	An operational transformation of 3-carboxy-4-quinolones into 3-nitro-4-quinolones via ipso-nitration using polysaccharide supported copper nanoparticles: synthesis of 3-tetrazolyl bioisosteres of 3-carboxy-4-quinolones as antibacterial agents. <i>RSC Advances</i> , 2016, 6, 19052-19059.	3.6	12
12	Novel Imbricatolic acid derivatives as protein tyrosine phosphatase-1B inhibitors: Design, synthesis, biological evaluation and molecular docking. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1988-1992.	2.2	8
13	Oxidative Amidation of Aldehydes with Amines Catalysed by Fe(II) Hydride Complex and N-Heterocyclic Carbenes (NHC). <i>ChemistrySelect</i> , 2020, 5, 9417-9423.	1.5	8
14	Substituted, Fused, Tricyclic 6,7-Dihydro-1,5-dihydro-1H-pyrido[1,2,3-de]quinoxaline-3-aminines by Isocyanide-Mediated Cycloaddition Reaction. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6413-6416.	2.4	7
15	Novel nucleosides as potential inhibitors of fungal lanosterol 14 α -demethylase: an <i>in vitro</i> and <i>in silico</i> study. <i>Future Medicinal Chemistry</i> , 2019, 11, 2663-2686.	2.3	6
16	Carbohydrate hitched imidazoles as agents for the disruption of fungal cell membrane. <i>Journal De Mycologie Medicale</i> , 2020, 30, 100910.	1.5	6
17	Exploration of Antifungal Potential of Carbohydrate-Tethered Triazoles as CYP450 Inhibitors. <i>ChemistrySelect</i> , 2018, 3, 10762-10767.	1.5	5
18	Antioxidant and free radical scavenging activities of <i>Viola odorata</i> in the search of potential inhibitor of tobaccos free radicals. <i>Journal of Medicinal Plants Research</i> , 2017, 11, 433-438.	0.4	2

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19	Neglected Tropical Bacterial Diseases. Topics in Medicinal Chemistry, 2016, , 169-244.	0.8	1
20	Nâ€Heterocyclic Carbene/Cobalt Cooperative Catalysis for the Chemoâ€and Regioselective Câ~N Bond Formation between Aldehyde and Amines/Amides. ChemCatChem, 2020, 12, 4281-4287.	3.7	1
21	Phosphinic Acid/ NaI Mediated Reductive Cyclization Approach for Accessing the L â€1â€Deoxynojirimycin Using a Twoâ€Component Threeâ€Centered (2C3C) Ugi Type Reaction. Chinese Journal of Chemistry, 2021, 39, 1503-1510.	4.9	1