

Chandra S Azad

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Assembling covalent organic framework membranes via phase switching for ultrafast molecular transport. <i>Nature Communications</i> , 2022, 13, .	12.8	42
2	Phosphinic Acid/ NaI Mediated Reductive Cyclization Approach for Accessing the L-Deoxyojirimycin Using a Two-Component Three-Centered (2C3C) Ugi Type Reaction. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1503-1510.	4.9	1
3	Carbohydrate hitched imidazoles as agents for the disruption of fungal cell membrane. <i>Journal De Mycologie Medicale</i> , 2020, 30, 100910.	1.5	6
4	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
5	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
6	N-Heterocyclic Carbene/Cobalt Cooperative Catalysis for the Chemo- and Regioselective C-N Bond Formation between Aldehyde and Amines/Amides. <i>ChemCatChem</i> , 2020, 12, 4281-4287.	3.7	1
7	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
8	New dimensions in the field of antimalarial research against malaria resurgence. <i>European Journal of Medicinal Chemistry</i> , 2019, 181, 111353.	5.5	32
9	Exploration of Antifungal Potential of Carbohydrate-Tethered Triazoles as CYP450 Inhibitors. <i>ChemistrySelect</i> , 2018, 3, 10762-10767.	1.5	5
10	Synthesis of primaquine glycoconjugates as potential tissue schizontocidal antimalarial agents. <i>Chemical Biology and Drug Design</i> , 2017, 90, 254-261.	3.2	16
11	Substituted, Fused, Tricyclic 6,7-Dihydro-1 <i>H</i> ,5 <i>H</i> -pyrido[1,2,3- <i>de</i>]quinoxaline- <i>B</i> -amines by Isocyanide-Mediated Cycloaddition Reaction. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6413-6416.	2.4	7
12	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
13	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
14	Neglected Tropical Bacterial Diseases. <i>Topics in Medicinal Chemistry</i> , 2016, , 169-244.	0.8	1
15	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
16	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 biososteres of 3-carboxy-4-quinolones as antibacterial agents. <i>RSC Advances</i> , 2016, 6, 19052-19059.	3.6	12
17	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
18	Copper-catalysed regioselective azidation of arenes by C-H activation directed by pyridine. <i>RSC Advances</i> , 2015, 5, 100223-100227.	3.6	22

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19	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
20	Operative conversions of 3-carboxy-4-quinolones into 3-nitro-4-quinolones <i>via ipso</i> -nitration: potential antifilarial agents as inhibitors of <i>Brugia malayi</i> thymidylate kinase. <i>RSC Advances</i> , 2015, 5, 82208-82214.	3.6	13
21	One pot conversion of carbohydrates alcohol into chloride via benzotriazole sulfonate. <i>Tetrahedron</i> , 2013, 69, 2608-2612.	1.9	14