

Minhajul Arfeen

List of Publications by Year in descending order

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papers

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687363

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docs citations

19
times ranked

537
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular dynamics simulation studies of GSK-3 β ATP competitive inhibitors: understanding the factors contributing to selectivity. <i>Journal of Biomolecular Structure and Dynamics</i> , 2015, 33, 2578-2593.	3.5	42
2	Dihydropyridines as potential α -amylase and α -glucosidase inhibitors: Synthesis, in vitro and in silico studies. <i>Bioorganic Chemistry</i> , 2020, 96, 103581.	4.1	42
3	Design and synthesis of guanylthiourea derivatives as potential inhibitors of Plasmodium falciparum dihydrofolate reductase enzyme. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 613-617.	2.2	37
4	Design, synthesis and biological evaluation of 5-benzylidene-2-iminothiazolidin-4-ones as selective GSK-3 β inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 727-736.	5.5	34
5	Design of Glycogen Synthase Kinase-3 Inhibitors: An Overview on Recent Advancements. <i>Current Pharmaceutical Design</i> , 2013, 19, 4755-4775.	1.9	33
6	Design, Synthesis, and Structural Analysis of Divalent N ^I Compounds and Identification of a New Electron-Donating Ligand. <i>Chemistry - A European Journal</i> , 2016, 22, 1088-1096.	3.3	33
7	Mechanism of the Paal-Knorr reaction: the importance of water mediated hemialcohol pathway. <i>RSC Advances</i> , 2015, 5, 88353-88366.	3.6	32
8	Importance of cytochromes in cyclization reactions: Quantum chemical study on a model reaction of proguanil to cycloguanil. <i>Journal of Computational Chemistry</i> , 2014, 35, 2047-2055.	3.3	28
9	A Metal and Base-Free Chemoselective Primary Amination of Boronic Acids Using Cyanamido/Arylcyanamido Radical as Aminating Species: Synthesis and Mechanistic Studies by Density Functional Theory. <i>Journal of Organic Chemistry</i> , 2016, 81, 5120-5127.	3.2	26
10	Carbene π -N ⁺ Coordination Bonds in Drugs: A Quantum Chemical Study. <i>Journal of Chemical Sciences</i> , 2016, 128, 1607-1614.	1.5	22
11	Design, synthesis and biological evaluation of 4-aminoquinoline-guanylthiourea derivatives as antimalarial agents. <i>Bioorganic Chemistry</i> , 2019, 91, 103094.	4.1	22
12	Can Remote N-Heterocyclic Carbenes Coordinate with Main Group Elements? Synthesis, Structure, and Quantum Chemical Analysis of N ⁺ -Centered Complexes. <i>Chemistry - A European Journal</i> , 2018, 24, 6418-6425.	3.3	21
13	Guanylthiourea derivatives as potential antimalarial agents: Synthesis, in vivo and molecular modelling studies. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 339-348.	5.5	16
14	Sukkari dates seed improves type-2 diabetes mellitus-induced memory impairment by reducing blood glucose levels and enhancing brain cholinergic transmission: In vivo and molecular modeling studies. <i>Saudi Pharmaceutical Journal</i> , 2022, 30, 750-763.	2.7	13
15	Electronic and ligating properties of carbocyclic carbenes: A theoretical investigation. <i>Journal of Computational Chemistry</i> , 2018, 40, 726.	3.3	7
16	Divalent N I Compounds: Identifying new Carbocyclic Carbenes to Design Nitreones using Quantum Chemical Methods. <i>Journal of Computational Chemistry</i> , 2020, 41, 2624-2633.	3.3	7
17	Aqueous Ajwa dates seeds extract improves memory impairment in type-2 diabetes mellitus rats by reducing blood glucose levels and enhancing brain cholinergic transmission. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2738-2748.	3.8	6
18	Neuroprotective Effect of Clobenpropit against Lipopolysaccharide-Induced Cognitive Deficits via Attenuating Neuroinflammation and Enhancing Mitochondrial Functions in Mice. <i>Brain Sciences</i> , 2021, 11, 1617.	2.3	6