Md Ackas Ali

List of Publications by Citations

19 papers	301 citations	7 h-index	17 g-index
20 ext. papers	459 ext. citations	3.7 avg, IF	4.27 L-index

#	Paper	IF	Citations
19	A molecular modeling approach to identify effective antiviral phytochemicals against the main protease of SARS-CoV-2. *Journal of Biomolecular Structure and Dynamics*, **2021**, 39, 3213-3224	3.6	149
18	Antiviral Peptides as Promising Therapeutics against SARS-CoV-2. *Journal of Physical Chemistry B*, **2020**, 124, 9785-9792	3.4	33
17	Virtual screening, molecular dynamics and structure-activity relationship studies to identify potent approved drugs for Covid-19 treatment. *Journal of Biomolecular Structure and Dynamics*, **2021**, 39, 6231-6241	3.6	32
16	Structure and dynamics of membrane protein in SARS-CoV-2. *Journal of Biomolecular Structure and Dynamics*, **2020**, 1-14	3.6	15
15	Investigating the binding affinity, interaction, and structure-activity-relationship of 76 prescription antiviral drugs targeting RdRp and Mpro of SARS-CoV-2. *Journal of Biomolecular Structure and Dynamics*, **2021**, 39, 6290-6305	3.6	15
14	Immunoinformatics and molecular modeling approach to design universal multi-epitope vaccine for SARS-CoV-2. *Informatics in Medicine Unlocked*, **2021**, 24, 100578	5.3	14
13	Computational screening of 645 antiviral peptides against the receptor-binding domain of the spike protein in SARS-CoV-2. *Computers in Biology and Medicine*, **2021**, 136, 104759	7	8
12	Cysteine focused covalent inhibitors against the main protease of SARS-CoV-2. *Journal of Biomolecular Structure and Dynamics*, **2020**, 1-20	3.6	7
11	Clouding phenomena and thermodynamics of TX-100 + polyethylene glycol mixture: influence of several electrolytes. *Chemical Papers*, **2021**, 75, 1363-1375	1.9	6
10	Structure Elucidation of Menthol-Based Deep Eutectic Solvent using Experimental and Computational Techniques. *Journal of Physical Chemistry A*, **2021**, 125, 2402-2412	2.8	4
9	Impact of salts on the phase separation and thermodynamic properties of mixed nonionic surfactants in absence/attendance of polyvinyl alcohol. *Zeitschrift Fur Physikalische Chemie*, **2021**,	3.1	4
8	Antiviral phytochemicals as potent inhibitors against NS3 protease of dengue virus. *Computers in Biology and Medicine*, **2021**, 134, 104492	7	4
7	A comprehensive computational and principal component analysis on various choline chloride-based deep eutectic solvents to reveal their structural and spectroscopic properties. *Journal of Chemical Physics*, **2021**, 155, 044308	3.9	3
6	Remdesivir analogs against SARS-CoV-2 RNA-dependent RNA polymerase. *Journal of Biomolecular Structure and Dynamics*, **2021**, 1-14	3.6	2
5	Repurposing fusion inhibitor peptide against SARS-CoV-2. *Journal of Computational Chemistry*, **2021**, 42, 2283-2293	3.5	2
4	A student led computational screening of peptide inhibitors against main protease of SARS-CoV-2. *Biochemistry and Molecular Biology Education*, **2021**,	1.3	1
3	Identification of potent inhibitors against transmembrane serine protease 2 for developing therapeutics against SARS-CoV-2. *Journal of Biomolecular Structure and Dynamics*, **2021**, 1-13	3.6	1

2	Molecular dynamics investigation of ivermectin bound to importin alpha/beta heterodimer. *Molecular Simulation*, **2022**, 48, 314-321	2	1
1	Designing potent inhibitors against the multidrug resistance P-glycoprotein. *Journal of Biomolecular Structure and Dynamics*, **2021**, 1-13	3.6	