

Md Ackas Ali

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Molecular dynamics investigation of ivermectin bound to importin alpha/beta heterodimer. <i>Molecular Simulation</i> , 2022 , 48, 314-321	2	1
18	A molecular modeling approach to identify effective antiviral phytochemicals against the main protease of SARS-CoV-2. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 3213-3224	3.6	149
17	A student led computational screening of peptide inhibitors against main protease of SARS-CoV-2. <i>Biochemistry and Molecular Biology Education</i> , 2021 ,	1.3	1
16	Virtual screening, molecular dynamics and structure-activity relationship studies to identify potent approved drugs for Covid-19 treatment. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 6231-6241	3.6	32
15	Investigating the binding affinity, interaction, and structure-activity-relationship of 76 prescription antiviral drugs targeting RdRp and Mpro of SARS-CoV-2. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 6290-6305	3.6	15
14	Structure Elucidation of Menthol-Based Deep Eutectic Solvent using Experimental and Computational Techniques. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 2402-2412	2.8	4
13	Impact of salts on the phase separation and thermodynamic properties of mixed nonionic surfactants in absence/attendance of polyvinyl alcohol. <i>Zeitschrift Fur Physikalische Chemie</i> , 2021 ,	3.1	4
12	Designing potent inhibitors against the multidrug resistance P-glycoprotein. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-13	3.6	
11	Antiviral phytochemicals as potent inhibitors against NS3 protease of dengue virus. <i>Computers in Biology and Medicine</i> , 2021 , 134, 104492	7	4
10	Clouding phenomena and thermodynamics of TX-100 + polyethylene glycol mixture: influence of several electrolytes. <i>Chemical Papers</i> , 2021 , 75, 1363-1375	1.9	6
9	Remdesivir analogs against SARS-CoV-2 RNA-dependent RNA polymerase. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-14	3.6	2
8	A comprehensive computational and principal component analysis on various choline chloride-based deep eutectic solvents to reveal their structural and spectroscopic properties. <i>Journal of Chemical Physics</i> , 2021 , 155, 044308	3.9	3
7	Computational screening of 645 antiviral peptides against the receptor-binding domain of the spike protein in SARS-CoV-2. <i>Computers in Biology and Medicine</i> , 2021 , 136, 104759	7	8
6	Repurposing fusion inhibitor peptide against SARS-CoV-2. <i>Journal of Computational Chemistry</i> , 2021 , 42, 2283-2293	3.5	2
5	Identification of potent inhibitors against transmembrane serine protease 2 for developing therapeutics against SARS-CoV-2. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-13	3.6	1
4	Immunoinformatics and molecular modeling approach to design universal multi-epitope vaccine for SARS-CoV-2. <i>Informatics in Medicine Unlocked</i> , 2021 , 24, 100578	5.3	14
3	Structure and dynamics of membrane protein in SARS-CoV-2. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-14	3.6	15

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| 2 | Antiviral Peptides as Promising Therapeutics against SARS-CoV-2. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 9785-9792 | 3.4 | 33 |
| 1 | Cysteine focused covalent inhibitors against the main protease of SARS-CoV-2. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-20 | 3.6 | 7 |