Dhurvas Chandrasekaran Dinesh

List of Publications by Year
in descending order

13	851	1040056 9	1125743 13
papers	citations	h-index	g-index

13	13	13	1597
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Iron-Dependent Callose Deposition Adjusts Root Meristem Maintenance to Phosphate Availability. Developmental Cell, 2015, 33, 216-230.	7.0	271
2	Structural basis of RNA recognition by the SARS-CoV-2 nucleocapsid phosphoprotein. PLoS Pathogens, 2020, 16, e1009100.	4.7	206
3	Arabidopsis Calmodulin-binding Protein IQ67-Domain 1 Localizes to Microtubules and Interacts with Kinesin Light Chain-related Protein-1. Journal of Biological Chemistry, 2013, 288, 1871-1882.	3.4	116
4	Structure-based virtual screening and molecular dynamics simulation of SARS-CoV-2 Guanine-N7 methyltransferase (nsp14) for identifying antiviral inhibitors against COVID-19. Journal of Biomolecular Structure and Dynamics, 2021, 39, 4582-4593.	3.5	73
5	Solution structure of the PsIAA4 oligomerization domain reveals interaction modes for transcription factors in early auxin response. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6230-6235.	7.1	52
6	Structural Biology of Nuclear Auxin Action. Trends in Plant Science, 2016, 21, 302-316.	8.8	45
7	Microsecond MD Simulation and Multiple-Conformation Virtual Screening to Identify Potential Anti-COVID-19 Inhibitors Against SARS-CoV-2 Main Protease. Frontiers in Chemistry, 2020, 8, 595273.	3.6	32
8	Antiviral Drug Targets of Single-Stranded RNA Viruses Causing Chronic Human Diseases. Current Drug Targets, 2020, 21, 105-124.	2.1	18
9	High-Throughput Screening and Quantum Mechanics for Identifying Potent Inhibitors Against Mac1 Domain of SARS-CoV-2 Nsp3. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 1262-1270.	3.0	17
10	An in silico molecular dynamics simulation study on the inhibitors of SARS-CoV-2 proteases (3CL^{pro} and PL^{pro}) to combat COVID-19. Molecular Simulation, 2021, 47, 1168-1184.	2.0	10
11	Structural insights of macromolecules involved in bacteria-induced apoptosis in the pathogenesis of human diseases. Advances in Protein Chemistry and Structural Biology, 2021, 126, 1-38.	2.3	5
12	Structural Understanding of SARS-CoV-2 Drug Targets, Active Site Contour Map Analysis and COVID-19 Therapeutics. Current Molecular Pharmacology, 2021, 14, .	1.5	4
13	Molecular Insights into Agonist/Antagonist Effects on Macromolecules Involved in Human Disease Mechanisms. Current Molecular Pharmacology, 2022, 15, 263-264.	1.5	2