

Michael D Ward

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

742
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

1379
citing authors

#	ARTICLE	IF	CITATIONS
1	The SARS-CoV-2 nucleocapsid protein is dynamic, disordered, and phase separates with RNA. Nature Communications, 2021, 12, 1936.	12.8	334
2	SARS-CoV-2 simulations go exascale to predict dramatic spike opening and cryptic pockets across the proteome. Nature Chemistry, 2021, 13, 651-659.	13.6	190
3	SARS-CoV-2 Nsp16 activation mechanism and a cryptic pocket with pan-coronavirus antiviral potential. Biophysical Journal, 2021, 120, 2880-2889.	0.5	52
4	Deep learning the structural determinants of protein biochemical properties by comparing structural ensembles with DiffNets. Nature Communications, 2021, 12, 3023.	12.8	42
5	Direct Tracking of Particles and Quantification of Margination in Blood Flow. Biophysical Journal, 2016, 111, 1487-1495.	0.5	32
6	Evaluation of the hybrid resolution PACE model for the study of folding, insertion, and pore formation of membrane associated peptides. Journal of Computational Chemistry, 2017, 38, 1462-1471.	3.3	20
7	XenoNet: Inference and Likelihood of Intermediate Metabolite Formation. Journal of Chemical Information and Modeling, 2020, 60, 3431-3449.	5.4	14
8	Naturally Occurring Genetic Variants in the Oxytocin Receptor Alter Receptor Signaling Profiles. ACS Pharmacology and Translational Science, 2021, 4, 1543-1555.	4.9	6
9	Bioactivation of Isoxazole-Containing Bromodomain and Extra-Terminal Domain (BET) Inhibitors. Metabolites, 2021, 11, 390.	2.9	3