

Rafal P Wiewiora

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6683797/publications.pdf>

Version: 2024-02-01

10
papers

2,291
citations

1163117

8
h-index

1372567

10
g-index

19
all docs

19
docs citations

19
times ranked

3449
citing authors

#	ARTICLE	IF	CITATIONS
1	What Markov State Models Can and Cannot Do: Correlation versus Path-Based Observables in Protein-Folding Models. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 3119-3133.	5.3	32
2	Site-Specific Lipidation Enhances IFITM3 Membrane Interactions and Antiviral Activity. <i>ACS Chemical Biology</i> , 2021, 16, 844-856.	3.4	22
3	SARS-CoV-2 simulations go exascale to predict dramatic spike opening and cryptic pockets across the proteome. <i>Nature Chemistry</i> , 2021, 13, 651-659.	13.6	190
4	Machine Learning Force Fields and Coarse-Grained Variables in Molecular Dynamics: Application to Materials and Biological Systems. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 4757-4775.	5.3	120
5	Ancestral reconstruction reveals mechanisms of ERK regulatory evolution. <i>ELife</i> , 2019, 8, .	6.0	24
6	The dynamic conformational landscape of the protein methyltransferase SETD8. <i>ELife</i> , 2019, 8, .	6.0	38
7	Conformational Dynamics of Histone Methyltransferase SET8 Probed by Millisecond-Timescale Molecular Dynamics, Markov State Modeling and Biochemical Experiments. <i>Biophysical Journal</i> , 2018, 114, 398a.	0.5	1
8	OpenMM 7: Rapid development of high performance algorithms for molecular dynamics. <i>PLoS Computational Biology</i> , 2017, 13, e1005659.	3.2	1,561
9	Posttranslational mutagenesis: A chemical strategy for exploring protein side-chain diversity. <i>Science</i> , 2016, 354, .	12.6	247
10	An efficient one-pot synthesis of 2-bromo-6-aryl[5H]pyrrolo[2,3-b]pyrazines. <i>Tetrahedron Letters</i> , 2015, 56, 1492-1495.	1.4	5