

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