

Viacheslav Bolnykh

List of Publications by Citations

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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.

10
papers

87
citations

5
h-index

9
g-index

14
ext. papers

156
ext. citations

9.8
avg, IF

2.24
L-index

#	Paper	IF	Citations
10	Extreme Scalability of DFT-Based QM/MM MD Simulations Using MiMiC. <i>Journal of Chemical Theory and Computation</i> , 2019 , 15, 5601-5613	6.4	20
9	MiMiC: A Novel Framework for Multiscale Modeling in Computational Chemistry. <i>Journal of Chemical Theory and Computation</i> , 2019 , 15, 3810-3823	6.4	18
8	A universal co-solvent dilution strategy enables facile and cost-effective fabrication of perovskite photovoltaics.. <i>Nature Communications</i> , 2022 , 13, 89	17.4	14
7	Accuracy of Molecular Simulation-Based Predictions of Values: A Metadynamics Study. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 6373-6381	6.4	14
6	Molecular Basis of CLC Antiporter Inhibition by Fluoride. <i>Journal of the American Chemical Society</i> , 2020 , 142, 7254-7258	16.4	10
5	MiMiC: Multiscale Modeling in Computational Chemistry. <i>Frontiers in Molecular Biosciences</i> , 2020 , 7, 45	5.6	3
4	Recent Advances in First-Principles Based Molecular Dynamics.. <i>Accounts of Chemical Research</i> , 2022 ,	24.3	3
3	Expanding the boundaries of ligand-target modeling by exascale calculations. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2021 , 11, e1535	7.9	2
2	On the accuracy of molecular simulation-based predictions of koff values: a Metadynamics study		1
1	Biomolecular Simulation: A Perspective from High Performance Computing. <i>Israel Journal of Chemistry</i> , 2020 , 60, 694-704	3.4	0