Viacheslav Bolnykh

List of Publications by Citations

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. *Journal of Chemical Theory and Computation*, **2019**, 15, 5601-5613	6.4	20
9	MiMiC: A Novel Framework for Multiscale Modeling in Computational Chemistry. *Journal of Chemical Theory and Computation*, **2019**, 15, 3810-3823	6.4	18
8	A universal co-solvent dilution strategy enables facile and cost-effective fabrication of perovskite photovoltaics.. *Nature Communications*, **2022**, 13, 89	17.4	14
7	Accuracy of Molecular Simulation-Based Predictions of Values: A Metadynamics Study. *Journal of Physical Chemistry Letters*, **2020**, 11, 6373-6381	6.4	14
6	Molecular Basis of CLC Antiporter Inhibition by Fluoride. *Journal of the American Chemical Society*, **2020**, 142, 7254-7258	16.4	10
5	MiMiC: Multiscale Modeling in Computational Chemistry. *Frontiers in Molecular Biosciences*, **2020**, 7, 45	5.6	3
4	Recent Advances in First-Principles Based Molecular Dynamics.. *Accounts of Chemical Research*, **2022**,	24.3	3
3	Expanding the boundaries of ligand–target modeling by exascale calculations. *Wiley Interdisciplinary Reviews: Computational Molecular Science*, **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. *Israel Journal of Chemistry*, **2020**, 60, 694-704	3.4	0