

Alfredo E Cardenas

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.

16
papers

396
citations

12
h-index

19
g-index

19
ext. papers

462
ext. citations

4
avg, IF

3.66
L-index

#	Paper	IF	Citations
16	Kinetics of cytochrome C folding: atomically detailed simulations. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003 , 51, 245-57	4.2	52
15	Unassisted transport of N-acetyl-L-tryptophanamide through membrane: experiment and simulation of kinetics. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 2739-50	3.4	51
14	MOIL-opt: Energy-Conserving Molecular Dynamics on a GPU/CPU system. <i>Journal of Chemical Theory and Computation</i> , 2011 , 7, 3072-3082	6.4	42
13	Membrane permeation of a peptide: it is better to be positive. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 6412-20	3.4	32
12	Computational study of peptide permeation through membrane: Searching for hidden slow variables. <i>Molecular Physics</i> , 2013 , 111, 3565-3578	1.7	31
11	Calculating Iso-Committer Surfaces as Optimal Reaction Coordinates with Milestoning. <i>Entropy</i> , 2017 , 19,	2.8	30
10	Modeling kinetics and equilibrium of membranes with fields: milestoning analysis and implication to permeation. <i>Journal of Chemical Physics</i> , 2014 , 141, 054101	3.9	30
9	Atomically detailed simulations of helix formation with the stochastic difference equation. <i>Biophysical Journal</i> , 2003 , 85, 2919-39	2.9	28
8	Bridging the Gap between Long Time Trajectories and Reaction Pathways. <i>Advances in Chemical Physics</i> , 2003 , 93-129		27
7	The Impact of Protonation on Early Translocation of Anthrax Lethal Factor: Kinetics from Molecular Dynamics Simulations and Milestoning Theory. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14837-14840	16.4	22
6	Physiological Calcium Concentrations Slow Dynamics at the Lipid-Water Interface. <i>Biophysical Journal</i> , 2018 , 115, 1541-1551	2.9	16
5	Direct Measurement of the Effect of Cholesterol and 6-Ketocholestanol on the Membrane Dipole Electric Field Using Vibrational Stark Effect Spectroscopy Coupled with Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 3424-3436	3.4	12
4	Markovian and Non-Markovian Modeling of Membrane Dynamics with Milestoning. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 8208-16	3.4	12
3	Calcium-Lipid Interactions Observed with Isotope-Edited Infrared Spectroscopy. <i>Biophysical Journal</i> , 2020 , 118, 2694-2702	2.9	5
2	Dramatic Shape Changes Occur as Cytochrome Folds. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 8240-8248	3.4	2
1	Molecular Dynamics at Extended Timescales. <i>Israel Journal of Chemistry</i> , 2014 , 54, 1302-1310	3.4	1