Alfredo E Cardenas

List of Publications by Year in Descending Order

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