Oliver Carrillo

List of Publications by Year
in descending order

10 papers	387 citations	1040056 9 h-index	1474206 9 g-index
11 all docs	11 docs citations	11 times ranked	642 citing authors

#	Article	IF	Citations
1	Prediction and validation of protein intermediate states from structurally rich ensembles and coarse-grained simulations. Nature Communications, 2016, 7, 12575.	12.8	62
2	Fast Atomistic Molecular Dynamics Simulations from Essential Dynamics Samplings. Journal of Chemical Theory and Computation, 2012, 8, 792-799.	5.3	10
3	Application of Drug-Perturbed Essential Dynamics/Molecular Dynamics (ED/MD) to Virtual Screening and Rational Drug Design. Journal of Chemical Theory and Computation, 2012, 8, 2204-2214.	5.3	11
4	Coarse-grained Representation of Protein Flexibility. Foundations, Successes, and Shortcomings. Advances in Protein Chemistry and Structural Biology, 2011, 85, 183-215.	2.3	33
5	MoDEL (Molecular Dynamics Extended Library): AÂDatabase of Atomistic Molecular Dynamics Trajectories. Structure, 2010, 18, 1399-1409.	3.3	123
6	FlexServ: an integrated tool for the analysis of protein flexibility. Bioinformatics, 2009, 25, 1709-1710.	4.1	72
7	Structural Plasticity and Functional Implications of Internal Cavities in Distal Mutants of Type 1 Non-Symbiotic Hemoglobin AHb1 fromArabidopsis thaliana. Journal of Physical Chemistry B, 2009, 113, 16028-16038.	2.6	20
8	GRIDâ€MDâ€”A tool for massive simulation of protein channels. Proteins: Structure, Function and Bioinformatics, 2008, 70, 892-899.	2.6	13
9	Exploring the Suitability of Coarse-Grained Techniques for the Representation of Protein Dynamics. Biophysical Journal, 2008, 95, 2127-2138.	0.5	42
10	Multiplicative white-noise-induced phase transitions: the role of the stochastic interpretation. , 2004, , .		0