Antonio Caliri

List of Publications by Year
in descending order

33	242	1163117 8	1058476 14
papers	citations	h-index	g-index

33	33	33	339
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bacillus subtilis Engagement Induced via Sporulation: a Case of Bacterial Communication. Brazilian Journal of Physics, 2022, 52, 1.	1.4	0
2	The 3-phenylcoumarin derivative 6,7-dihydroxy-3-[3â€²,4â€²-methylenedioxyphenyl]-coumarin downmodulates the Fcî³R- and CR-mediated oxidative metabolism and elastase release in human neutrophils: Possible mechanisms underlying inhibition of the formation and release of neutrophil extracellular traps. Free Radical Biology and Medicine, 2018, 115, 421-435.	2.9	9
3	Entropic formulation for the protein folding process: Hydrophobic stability correlates with folding rates. Physica A: Statistical Mechanics and Its Applications, 2018, 490, 1111-1124.	2.6	1
4	Membrane vesiculation induced by proteins of the dengue virus envelope studied by molecular dynamics simulations. Journal of Physics Condensed Matter, 2017, 29, 504002.	1.8	14
5	Phospholipase A2 Isolated from the Venom of Crotalus durissus terrificus Inactivates Dengue virus and Other Enveloped Viruses by Disrupting the Viral Envelope. PLoS ONE, 2014, 9, e112351.	2.5	53
6	In silico assessment of S100A12 monomer and dimer structural dynamics: implications for the understanding of its metal-induced conformational changes. Journal of Biological Inorganic Chemistry, 2014, 19, 1113-1120.	2.6	9
7	Extended secondary structures in proteins. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 384-388.	2.3	3
8	The Early Events of the Protein Folding Process. Current Physical Chemistry, 2013, 3, 69-76.	0.2	2
9	Extensive structural change of the envelope protein of dengue virus induced by a tuned ionic strength: conformational and energetic analyses. Journal of Computer-Aided Molecular Design, 2012, 26, 1311-1325.	2.9	9
10	Effect of local thermal fluctuations on folding kinetics: A study from the perspective of nonextensive statistical mechanics. Physical Review E, 2011, 84, 041903.	2.1	4
11	Distinct conformational properties determined by implicit and explicit representation of proteinâ€“solvent interactions. An analytical and computer simulation study. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 4097-4104.	2.6	5
12	Nonextensive statistical mechanics applied to protein folding problem: kinetics aspects. Brazilian Journal of Physics, 2009, 39, .	1.4	4
13	The role of disulfide bridges in the 3-D structures of the antimicrobial peptides gomesin and protegrin-1: a molecular dynamics study. Genetics and Molecular Research, 2008, 7, 1070-1088.	0.2	5
14	Topology-dependent protein folding rates analyzed by a stereochemical model. Journal of Chemical Physics, 2005, 123, 154906.	3.0	6
15	LMProt: An Efficient Algorithm for Monte Carlo Sampling of Protein Conformational Space. Biophysical Journal, 2004, 87, 1567-1577.	0.5	15
16	The water factor in the protein-folding problem. Brazilian Journal of Physics, 2004, 34, 90-101.	1.4	7
17	The predictive power of r(0) in an epidemic probabilistic system. Journal of Biological Physics, 2003, 29, 63-75.	1.5	12
18	Steric constraints as folding coadjuvant. Physical Review E, 2003, 67, 031901.	2.1	6

#	Article	IF	Citations
19	Deterministic folding: The role of entropic forces and steric specificities. Journal of Chemical Physics, 2001, 114, 4235-4242.	3.0	9
20	Solution of deterministicâ€“stochastic epidemic models by dynamical Monte Carlo method. Physica A: Statistical Mechanics and Its Applications, 2000, 282, 546-558.	2.6	11
21	Temporal duration and event size distribution at the epidemic threshold. Journal of Biological Physics, 1999, 25, 309-324.	1.5	6
22	Epidemic phase and the site percolation with distant-neighbor interactions. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 238, 54-58.	2.1	5
23	PercolaÃ§Ã£o e o fenÃ´meno epidÃªmico: uma abordagem temporal e espacial da difusÃ£o de doenÃ§as. Scientia Agricola, 1998, 55, 418-427.	1.2	1
24	Geometrical effects on folding of macromolecules. Journal of Chemical Physics, 1997, 106, 7856-7861.	3.0	5
25	Entropic force and folding of macromolecules. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 220, 178-182.	2.1	6
26	Geometric constraints in polymer chains: analysis on the pearl-necklace model by Monte Carlo simulation. Computational and Theoretical Chemistry, 1995, 335, 123-127.	1.5	3
27	Two-dimensional chain folding-random energy interaction. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 183, 327-331.	2.1	3
28	Thermal properties of the Â±J infinite-range Sherrington-Kirkpatrick model by analysis of the partition function zeros. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 154, 287-292.	2.1	1
29	A new technique for grand canonical Monte Carlo simulation: Application in a hardâ€disk system. Journal of Chemical Physics, 1989, 91, 6328-6336.	3.0	5
30	Phase Transition in a System of Hard Disks by Monte Carlo Simulation. Physical Review Letters, 1987, 58, 2312-2314.	7.8	10
31	Free energy of a spin glass. Physics Letters, Section A: General, Atomic and Solid State Physics, 1985, 108, 111-114.	2.1	2
32	Theory and calculations for a spin glass. Physics Letters, Section A: General, Atomic and Solid State Physics, 1985, 109, 282-288.	2.1	1
33	Partition function of long-ranged ferromagnet and of a long-ranged fully frustrated model. Physics Letters, Section A: General, Atomic and Solid State Physics, 1984, 106, 74-76.	2.1	10