Daniel Trzesniak

List of Publications by Year
in descending order

14 papers	1,820 citations	758635 12 h-index	1058022 14 g-index
15 all docs	15 docs citations	15 times ranked	2130 citing authors

#	Article	IF	Citations
1	On using a too large integration time step in molecular dynamics simulations of coarse-grained molecular models. Physical Chemistry Chemical Physics, 2009, 11, 1934-41.	1.3	76
2	A Comparison of Methods to Compute the Potential of Mean Force. ChemPhysChem, 2007, 8, 162-169.	1.0	243
3	Comparison of Thermodynamic Properties of Coarse-Grained and Atomic-Level Simulation Models. ChemPhysChem, 2007, 8, 452-461.	1.0	102
4	Enthalpyâ^'Entropy Compensation in the Effects of Urea on Hydrophobic Interactions. Journal of Physical Chemistry B, 2006, 110, 12852-12855.	1.2	32
5	Protein under pressure: Molecular dynamics simulation of the arc repressor. Proteins: Structure, Function and Bioinformatics, 2006, 65, 136-144.	1.5	31
6	Catalytic mechanism of cyclophilin as observed in molecular dynamics simulations: Pathway prediction and reconciliation of X-ray crystallographic and NMR solution data. Protein Science, 2006, 15, 2544-2551.	3.1	29
7	Pathway dependence of the efficiency of calculating free energy and entropy of soluteâ€“solute association in water. Chemical Physics, 2006, 330, 410-416.	0.9	4
8	Simulation of an all-Î²3-icosapeptide containing the 20 proteinogenic side chains: Effect of temperature, pH, counterions, solvent, and force field on helix stability. Biopolymers, 2006, 83, 636-645.	1.2	5
9	Biomolecular Modeling: Goals, Problems, Perspectives. Angewandte Chemie - International Edition, 2006, 45, 4064-4092.	7.2	503
10	The GROMOS software for biomolecular simulation: GROMOS05. Journal of Computational Chemistry, 2005, 26, 1719-1751.	1.5	592
11	Energy-Entropy Compensation in the Transfer of Nonpolar Solutes from Water to Cosolvent/Water Mixtures. ChemPhysChem, 2005, 6, 1010-1010.	1.0	0
12	Interpreting NMR Data for Î²-Peptides Using Molecular Dynamics Simulations. Journal of the American Chemical Society, 2005, 127, 14320-14329.	6.6	39
13	Energyâ€“Entropy Compensation in the Transfer of Nonpolar Solutes from Water to Cosolvent/Water Mixtures. ChemPhysChem, 2004, 5, 144-147.	1.0	49
14	Computer simulation studies on the solvation of aliphatic hydrocarbons in 6.9 M aqueous urea solution. Physical Chemistry Chemical Physics, 2004, 6, 697.	1.3	84