Changwon Yang

List of Publications by Year
in descending order

11 papers	234 citations	1307594 7 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	281 citing authors

#	Article	IF	Citations
1	Computational Probing of Temperature-Dependent Unfolding of a Small Globular Protein: From Cold to Heat Denaturation. Journal of Chemical Theory and Computation, 2021, 17, 515-524.	5.3	7
2	Free-Energy Landscape of a pH-Modulated GÂ·C Base Pair Transition from Watsonâ€“Crick to Hoogsteen State in Duplex DNA. Journal of Chemical Theory and Computation, 2021, 17, 2556-2565.	5.3	4
3	Improving Temperature Generator in Parallel Tempering Simulation in the NPT Condition. Journal of Chemical Theory and Computation, 2020, 16, 1827-1833.	5.3	4
4	Computational Probing of Watsonâ€“Crick/Hoogsteen Breathing in a DNA Duplex Containing N1-Methylated Adenine. Journal of Chemical Theory and Computation, 2019, 15, 751-761.	5.3	14
5	Refined Alkali Metal Ion Parameters for the OPC Water Model. Bulletin of the Korean Chemical Society, 2018, 39, 931-935.	1.9	0
6	Predicting RNA Structures via a Simple van der Waals Correction to an All-Atom Force Field. Journal of Chemical Theory and Computation, 2017, 13, 395-399.	5.3	43
7	In silico direct folding of thrombin-binding aptamer G-quadruplex at all-atom level. Nucleic Acids Research, 2017, 45, 12648-12656.	14.5	37
8	Free energy landscape and transition pathways from Watsonâ€“Crick to Hoogsteen base pairing in free duplex DNA. Nucleic Acids Research, 2015, 43, 7769-7778.	14.5	38
9	A fully atomistic computer simulation study of cold denaturation of a Î²-hairpin. Nature Communications, 2014, 5, 5773.	12.8	44
10	Free-Energy Landscape of a Thrombin-Binding DNA Aptamer in Aqueous Environment. Journal of Chemical Theory and Computation, 2012, 8, 4845-4851.	5.3	25
11	Multiple stepwise pattern for potential of mean force in unfolding the thrombin binding aptamer in complex with Sr2+. Journal of Chemical Physics, 2011, 135, 225104.	3.0	18