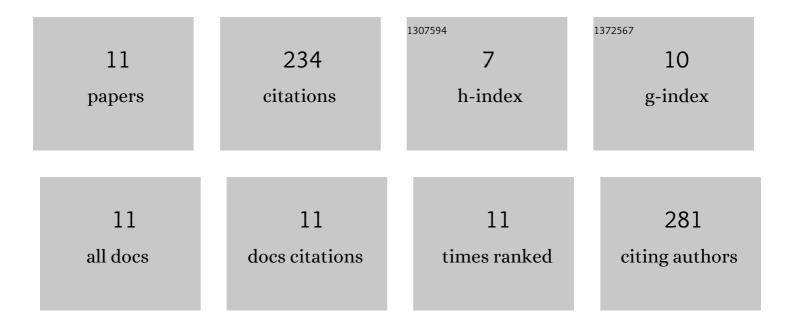
## **Changwon Yang**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4897931/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A fully atomistic computer simulation study of cold denaturation of a β-hairpin. Nature Communications, 2014, 5, 5773.	12.8	44
2	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
3	Free energy landscape and transition pathways from Watson–Crick to Hoogsteen base pairing in free duplex DNA. Nucleic Acids Research, 2015, 43, 7769-7778.	14.5	38
4	In silico direct folding of thrombin-binding aptamer G-quadruplex at all-atom level. Nucleic Acids Research, 2017, 45, 12648-12656.	14.5	37
5	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
6	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
7	Computational Probing of Watson–Crick/Hoogsteen Breathing in a DNA Duplex Containing N1-Methylated Adenine. Journal of Chemical Theory and Computation, 2019, 15, 751-761.	5.3	14
8	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
9	Improving Temperature Generator in Parallel Tempering Simulation in the NPT Condition. Journal of Chemical Theory and Computation, 2020, 16, 1827-1833.	5.3	4
10	Free-Energy Landscape of a pH-Modulated G·C Base Pair Transition from Watson–Crick to Hoogsteen State in Duplex DNA. Journal of Chemical Theory and Computation, 2021, 17, 2556-2565.	5.3	4
11	Refined Alkali Metal Ion Parameters for the OPC Water Model. Bulletin of the Korean Chemical Society, 2018, 39, 931-935.	1.9	0