

# Changwon Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4897931/publications.pdf>

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11  
papers

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citations

1307594

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1372567

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docs citations

11  
times ranked

281  
citing authors

#	ARTICLE	IF	CITATIONS
1	A fully atomistic computer simulation study of cold denaturation of a $\hat{I}^2$ -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 Sr <sup>2+</sup> . 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