

Jianbo Zhao

List of Publications by Year in descending order

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8
papers

136
citations

1478280

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1588896

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docs citations

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times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear Magnetic Resonance Spectra and AMBER OL3 and ROC-RNA Simulations of UCUCGU Reveal Force Field Strengths and Weaknesses for Single-Stranded RNA. <i>Journal of Chemical Theory and Computation</i> , 2022, 18, 1241-1254.	2.3	11
2	Nuclear Magnetic Resonance of Single-Stranded RNAs and DNAs of CAAU and UCAAUC as Benchmarks for Molecular Dynamics Simulations. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 1968-1984.	2.3	22
3	Accurate geometrical restraints for Watson-Crick base pairs. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 235-245.	0.5	14
4	Predicting the Kinetics of RNA Oligonucleotides Using Markov State Models. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 926-934.	2.3	26
5	Physics-based all-atom modeling of RNA energetics and structure. <i>Wiley Interdisciplinary Reviews RNA</i> , 2017, 8, e1422.	3.2	32
6	Nuclear Magnetic Resonance Structure of an 8 Å – 8 Nucleotide RNA Internal Loop Flanked on Each Side by Three Watson-Crick Pairs and Comparison to Three-Dimensional Predictions. <i>Biochemistry</i> , 2017, 56, 3733-3744.	1.2	4
7	Crystal structure of a poly(rA) staggered zipper at acidic pH: evidence that adenine N1 protonation mediates parallel double helix formation. <i>Nucleic Acids Research</i> , 2016, 44, 8417-8424.	6.5	24
8	Ab initio molecular dynamics studies on the growth of ammonium chloride clusters. <i>Theoretical Chemistry Accounts</i> , 2013, 132, 1.	0.5	3