Marek Havrila

List of Publications by Year
in descending order

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Version: 2024-02-01

9 papers	386 citations	1040056 9 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	520 citing authors

#	Article	IF	Citations
1	Structural Dynamics of Lateral and Diagonal Loops of Human Telomeric G-Quadruplexes in Extended MD Simulations. Journal of Chemical Theory and Computation, 2018, 14, 5011-5026.	5.3	28
2	Structural dynamics of propeller loop: towards folding of RNA G-quadruplex. Nucleic Acids Research, 2018, 46, 8754-8771.	14.5	29
3	Noncanonical Î±/Î³ Backbone Conformations in RNA and the Accuracy of Their Description by the AMBER Force Field. Journal of Physical Chemistry B, 2017, 121, 2420-2433.	2.6	27
4	Effect of Monovalent Ion Parameters on Molecular Dynamics Simulations of G-Quadruplexes. Journal of Chemical Theory and Computation, 2017, 13, 3911-3926.	5.3	50
5	How to understand atomistic molecular dynamics simulations of <scp>RNA</scp> and proteinâ€“<scp>RNA</scp> complexes?. Wiley Interdisciplinary Reviews RNA, 2017, 8, e1405.	6.4	54
6	Comparative Assessment of Different RNA Tetranucleotides from the DFT-D3 and Force Field Perspective. Journal of Physical Chemistry B, 2016, 120, 10635-10648.	2.6	16
7	Microsecond-Scale MD Simulations of HIV-1 DIS Kissing-Loop Complexes Predict Bulged-In Conformation of the Bulged Bases and Reveal Interesting Differences between Available Variants of the AMBER RNA Force Fields. Journal of Physical Chemistry B, 2015, 119, 15176-15190.	2.6	20
8	Molecular Dynamics Simulations of Nucleic Acids. From Tetranucleotides to the Ribosome. Journal of Physical Chemistry Letters, 2014, 5, 1771-1782.	4.6	139
9	Isosteric and Nonisosteric Base Pairs in RNA Motifs: Molecular Dynamics and Bioinformatics Study of the Sarcinâ€“Ricin Internal Loop. Journal of Physical Chemistry B, 2013, 117, 14302-14319.	2.6	23