

Marek Havrila

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/32015/publications.pdf>

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	Molecular Dynamics Simulations of Nucleic Acids. From Tetranucleotides to the Ribosome. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1771-1782.	4.6	139
2	How to understand atomistic molecular dynamics simulations of <scp>RNA</scp> and proteinâ€™<scp>RNA</scp> complexes?. <i>Wiley Interdisciplinary Reviews RNA</i> , 2017, 8, e1405.	6.4	54
3	Effect of Monovalent Ion Parameters on Molecular Dynamics Simulations of G-Quadruplexes. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 3911-3926.	5.3	50
4	Structural dynamics of propeller loop: towards folding of RNA G-quadruplex. <i>Nucleic Acids Research</i> , 2018, 46, 8754-8771.	14.5	29
5	Structural Dynamics of Lateral and Diagonal Loops of Human Telomeric G-Quadruplexes in Extended MD Simulations. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 5011-5026.	5.3	28
6	Noncanonical Î±/Î² Backbone Conformations in RNA and the Accuracy of Their Description by the AMBER Force Field. <i>Journal of Physical Chemistry B</i> , 2017, 121, 2420-2433.	2.6	27
7	Isosteric and Nonisosteric Base Pairs in RNA Motifs: Molecular Dynamics and Bioinformatics Study of the Sarcinâ€™Ricin Internal Loop. <i>Journal of Physical Chemistry B</i> , 2013, 117, 14302-14319.	2.6	23
8	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. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15176-15190.	2.6	20
9	Comparative Assessment of Different RNA Tetranucleotides from the DFT-D3 and Force Field Perspective. <i>Journal of Physical Chemistry B</i> , 2016, 120, 10635-10648.	2.6	16