

Konstantin RÄjder

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8149210/publications.pdf>

Version: 2024-02-01

19
papers

365
citations

933264

10
h-index

794469

19
g-index

21
all docs

21
docs citations

21
times ranked

362
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring biomolecular energy landscapes. <i>Chemical Communications</i> , 2017, 53, 6974-6988.	2.2	77
2	Energy Landscapes for Proteins: From Single Funnels to Multifunctional Systems. <i>Advanced Theory and Simulations</i> , 2019, 2, 1800175.	1.3	62
3	Selective crystallization of indigo B by a modified sublimation method and its redetermined structure. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o2867-o2867.	0.2	42
4	Energy Landscapes for the Aggregation of A β 17. <i>Journal of the American Chemical Society</i> , 2018, 140, 4018-4027.	6.6	29
5	Evolved Minimal Frustration in Multifunctional Biomolecules. <i>Journal of Physical Chemistry B</i> , 2018, 122, 10989-10995.	1.2	26
6	Affinity-Selected Bicyclic Peptide G-Quadruplex Ligands Mimic a Protein-like Binding Mechanism. <i>Journal of the American Chemical Society</i> , 2020, 142, 8367-8373.	6.6	20
7	Transforming the Energy Landscape of a Coiled-Coil Peptide via Point Mutations. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 1468-1477.	2.3	17
8	Mutational Basin-Hopping: Combined Structure and Sequence Optimization for Biomolecules. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6169-6173.	2.1	15
9	Structural transitions in the RNA 7SK 5' hairpin and their effect on HEXIM binding. <i>Nucleic Acids Research</i> , 2020, 48, 373-389.	6.5	15
10	Predicting Pathways between Distant Configurations for Biomolecules. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 4271-4278.	2.3	11
11	The Energy Landscape Perspective: Encoding Structure and Function for Biomolecules. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 820792.	1.6	11
12	Analysis of the Ub to Ub-CR Transition in Ubiquitin. <i>Biochemistry</i> , 2018, 57, 6180-6186.	1.2	10
13	Investigating the structural changes due to adenosine methylation of the Kaposi's sarcoma-associated herpes virus ORF50 transcript. <i>PLoS Computational Biology</i> , 2022, 18, e1010150.	1.5	8
14	Energy Landscapes of Mini-Dumbbell DNA Octanucleotides. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 3870-3876.	2.3	6
15	RNA Modeling with the Computational Energy Framework. <i>Methods in Molecular Biology</i> , 2021, 2323, 49-66.	0.4	4
16	The effects of glycine to alanine mutations on the structure of GPO collagen model peptides. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 1610-1619.	1.3	4
17	Energy Landscapes of Deoxyxylo- and Xylo-Nucleic Acid Octamers. <i>Journal of Physical Chemistry B</i> , 2020, 124, 4062-4068.	1.2	3
18	Improving double-ended transition state searches for soft-matter systems. <i>Journal of Chemical Physics</i> , 2020, 153, 034104.	1.2	2

#	ARTICLE	IF	CITATIONS
19	Is the H4 histone tail intrinsically disordered or intrinsically multifunctional?. Physical Chemistry Chemical Physics, 2021, 23, 5134-5142.	1.3	2