Konstantin RÃ¶der

List of Publications by Year
in descending order

19	365	933264 10	794469 19
papers	citations	h-index	g-index

21	21	21	362
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Energy Landscape Perspective: Encoding Structure and Function for Biomolecules. Frontiers in Molecular Biosciences, 2022, 9, 820792.	1.6	11
2	The effects of glycine to alanine mutations on the structure of GPO collagen model peptides. Physical Chemistry Chemical Physics, 2022, 24, 1610-1619.	1.3	4
3	Investigating the structural changes due to adenosine methylation of the Kaposiâ€™s sarcoma-associated herpes virus ORF50 transcript. PLoS Computational Biology, 2022, 18, e1010150.	1.5	8
4	RNA Modeling with the Computational Energy Framework. Methods in Molecular Biology, 2021, 2323, 49-66.	0.4	4
5	Is the H4 histone tail intrinsically disordered or intrinsically multifunctional?. Physical Chemistry Chemical Physics, 2021, 23, 5134-5142.	1.3	2
6	Structural transitions in the RNA 7SK 5â€² hairpin and their effect on HEXIM binding. Nucleic Acids Research, 2020, 48, 373-389.	6.5	15
7	Improving double-ended transition state searches for soft-matter systems. Journal of Chemical Physics, 2020, 153, 034104.	1.2	2
8	Affinity-Selected Bicyclic Peptide G-Quadruplex Ligands Mimic a Protein-like Binding Mechanism. Journal of the American Chemical Society, 2020, 142, 8367-8373.	6.6	20
9	Energy Landscapes of Deoxyxylo- and Xylo-Nucleic Acid Octamers. Journal of Physical Chemistry B, 2020, 124, 4062-4068.	1.2	3
10	Energy Landscapes for Proteins: From Single Funnels to Multifunctional Systems. Advanced Theory and Simulations, 2019, 2, 1800175.	1.3	62
11	Energy Landscapes for the Aggregation of Aî²_{17â€“42}. Journal of the American Chemical Society, 2018, 140, 4018-4027.	6.6	29
12	Analysis of the Ub to Ub-CR Transition in Ubiquitin. Biochemistry, 2018, 57, 6180-6186.	1.2	10
13	Mutational Basin-Hopping: Combined Structure and Sequence Optimization for Biomolecules. Journal of Physical Chemistry Letters, 2018, 9, 6169-6173.	2.1	15
14	Energy Landscapes of Mini-Dumbbell DNA Octanucleotides. Journal of Chemical Theory and Computation, 2018, 14, 3870-3876.	2.3	6
15	Evolved Minimal Frustration in Multifunctional Biomolecules. Journal of Physical Chemistry B, 2018, 122, 10989-10995.	1.2	26
16	Predicting Pathways between Distant Configurations for Biomolecules. Journal of Chemical Theory and Computation, 2018, 14, 4271-4278.	2.3	11
17	Transforming the Energy Landscape of a Coiled-Coil Peptide via Point Mutations. Journal of Chemical Theory and Computation, 2017, 13, 1468-1477.	2.3	17
18	Exploring biomolecular energy landscapes. Chemical Communications, 2017, 53, 6974-6988.	2.2	77

#	Article	IF	Citations
19	Selective crystallization of indigo B by a modified sublimation method and its redetermined structure. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2867-o2867.	0.2	42