Mohtadin Hashemi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8473298/publications.pdf

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19	399	933447	940533
papers	citations	10 h-index	16 g-index

27	27	27	509
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hybrid resolution molecular dynamics simulations of amyloid proteins interacting with membranes. Methods, 2022, 197, 89-96.	3.8	4
2	Free Cholesterol Accelerates AÎ² Self-Assembly on Membranes at Physiological Concentration. International Journal of Molecular Sciences, 2022, 23, 2803.	4.1	12
3	Site-Search Process for Synaptic Protein-DNA Complexes. International Journal of Molecular Sciences, 2022, 23, 212.	4.1	6
4	DNA Looping Mediated by Site-Specific Sfilâ€“DNA Interactions. Journal of Physical Chemistry B, 2021, 125, 4645-4653.	2.6	6
5	Restriction of RecG translocation by DNA mispairing. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 130006.	2.4	0
6	Cholesterol in Membranes Facilitates Aggregation of Amyloid Î² Protein at Physiologically Relevant Concentrations. ACS Chemical Neuroscience, 2021, 12, 506-516.	3.5	32
7	Interaction of AÎ²42 with Membranes Triggers the Self-Assembly into Oligomers. International Journal of Molecular Sciences, 2020, 21, 1129.	4.1	29
8	Assembly of Î±-synuclein aggregates on phospholipid bilayers. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 802-812.	2.3	34
9	Spontaneous self-assembly of amyloid Î² (1â€“40) into dimers. Nanoscale Advances, 2019, 1, 3892-3899.	4.6	11
10	Dynamics of the Interaction of RecG Protein with Stalled Replication Forks. Biochemistry, 2018, 57, 1967-1976.	2.5	21
11	High-speed atomic force microscopy reveals structural dynamics of Î±-synuclein monomers and dimers. Journal of Chemical Physics, 2018, 148, 123322.	3.0	57
12	Nanoscale dynamics of centromere nucleosomes and the critical roles of CENP-A. Nucleic Acids Research, 2018, 46, 94-103.	14.5	41
13	A novel pathway for amyloids self-assembly in aggregates at nanomolar concentration mediated by the interaction with surfaces. Scientific Reports, 2017, 7, 45592.	3.3	44
14	Nano-assembly of amyloid Î² peptide: role of the hairpin fold. Scientific Reports, 2017, 7, 2344.	3.3	29
15	Aggregation of Amyloid Proteins at the Surface-Liquid Interface. Biophysical Journal, 2017, 112, 365a.	0.5	0
16	Self-Assembly of Full-Size Amyloid Beta 40 Proteins in Dimers. Biophysical Journal, 2016, 110, 553a.	0.5	0
17	Self-assembly of the full-length amyloid AÎ²42 protein in dimers. Nanoscale, 2016, 8, 18928-18937.	5.6	47
18	Aligned deposition and electrical measurements on single DNA molecules. Nanotechnology, 2015, 26, 475102.	2.6	3

#	Article	IF	Citations
19	Role of monomer arrangement in the amyloid self-assembly. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 218-228.	2.3	19