

Mahdi Muhammad Moosa

List of Publications by Year in descending order

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31
papers

1,342
citations

623734

14
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501196

28
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36
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docs citations

36
times ranked

1523
citing authors

#	ARTICLE	IF	CITATIONS
1	Reentrant Phase Transition Drives Dynamic Substructure Formation in Ribonucleoprotein Droplets. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11354-11359.	13.8	320
2	Interplay between Short-Range Attraction and Long-Range Repulsion Controls Reentrant Liquid Condensation of Ribonucleoprotein-RNA Complexes. <i>Journal of the American Chemical Society</i> , 2019, 141, 14593-14602.	13.7	144
3	Phase transition of RNA-protein complexes into ordered hollow condensates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15650-15658.	7.1	143
4	Comparative genomics of two jute species and insight into fibre biogenesis. <i>Nature Plants</i> , 2017, 3, 16223.	9.3	95
5	Programmable viscoelasticity in protein-RNA condensates with disordered sticker-spacer polypeptides. <i>Nature Communications</i> , 2021, 12, 6620.	12.8	95
6	Molecular Crowding Tunes Material States of Ribonucleoprotein Condensates. <i>Biomolecules</i> , 2019, 9, 71.	4.0	91
7	Counteracting chemical chaperone effects on the single-molecule β -synuclein structural landscape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17826-17831.	7.1	65
8	Reentrant Phase Transition Drives Dynamic Substructure Formation in Ribonucleoprotein Droplets. <i>Angewandte Chemie</i> , 2017, 129, 11512-11517.	2.0	53
9	The N-Terminal Domain of ALS-Linked TDP-43 Assembles without Misfolding. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12590-12593.	13.8	52
10	A Chemical Chaperone Decouples TDP-43 Disordered Domain Phase Separation from Fibrillation. <i>Biochemistry</i> , 2018, 57, 6822-6826.	2.5	41
11	Danger Avoidance: An Evolutionary Explanation of Uncanny Valley. <i>Biological Theory</i> , 2010, 5, 12-14.	1.5	34
12	Two-Dimensional Crowding Uncovers a Hidden Conformation of β -Synuclein. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12789-12792.	13.8	31
13	Forced Folding of a Disordered Protein Accesses an Alternative Folding Landscape. <i>ChemPhysChem</i> , 2015, 16, 90-94.	2.1	24
14	FUS oncofusion protein condensates recruit mSWI/SNF chromatin remodeler via heterotypic interactions between prion-like domains. <i>Protein Science</i> , 2021, 30, 1454-1466.	7.6	22
15	Structure of an EIIc sugar transporter trapped in an inward-facing conformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5962-5967.	7.1	18
16	Ectopic biomolecular phase transitions: fusion proteins in cancer pathologies. <i>Trends in Cell Biology</i> , 2022, 32, 681-695.	7.9	18
17	Mutation Analysis of the <i>HBB</i> Gene in Selected Bangladeshi β -Thalassemic Individuals: Presence of Rare Mutations. <i>Genetic Testing and Molecular Biomarkers</i> , 2010, 14, 299-302.	0.7	15
18	Influenza A Virus Protein NS1 Exhibits Strain-Independent Conformational Plasticity. <i>Journal of Virology</i> , 2019, 93, .	3.4	11

#	ARTICLE	IF	CITATIONS
19	Subversion of host stress granules by coronaviruses: Potential roles of rich disordered domains of viral nucleocapsids. <i>Journal of Medical Virology</i> , 2020, 92, 2891-2893.	5.0	11
20	The Role of Dominance Hierarchy in the Evolution of Social Species. <i>Journal for the Theory of Social Behaviour</i> , 2011, 41, 203-208.	1.2	10
21	Direct Single-Molecule Observation of Sequential DNA Bending Transitions by the Sox2 HMG Box. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3865.	4.1	7
22	Combination of two rare mutations causes β^2 -thalassaemia in a Bangladeshi patient. <i>Genetics and Molecular Biology</i> , 2011, 34, 406-409.	1.3	6
23	Denaturant-specific effects on the structural energetics of a protein-denatured ensemble. <i>European Biophysics Journal</i> , 2018, 47, 89-94.	2.2	4
24	Single-Molecule FRET Detection of Early-Stage Conformations in α -Synuclein Aggregation. <i>Methods in Molecular Biology</i> , 2019, 1948, 221-233.	0.9	4
25	Ligand interactions and the protein order-disorder energetic continuum. <i>Seminars in Cell and Developmental Biology</i> , 2020, 99, 78-85.	5.0	4
26	Frontispiece: Reentrant Phase Transition Drives Dynamic Substructure Formation in Ribonucleoprotein Droplets. <i>Angewandte Chemie - International Edition</i> , 2017, 56, .	13.8	3
27	Members of <i>Ectocarpus siliculosus</i> F-box Family Are Subjected to Differential Selective Forces. <i>Interdisciplinary Bio Central</i> , 2012, 4, 1.1-1.7.	0.1	2
28	Two-Dimensional Crowding Uncovers a Hidden Conformation of α -Synuclein. <i>Angewandte Chemie</i> , 2016, 128, 12981-12984.	2.0	2
29	The N-Terminal Domain of ALS-Linked TDP43 Assembles without Misfolding. <i>Angewandte Chemie</i> , 2017, 129, 12764-12767.	2.0	2
30	An equilibrium model for coat protein mediated resistance to viral infection in plants. <i>Bioscience Hypotheses</i> , 2008, 1, 224-227.	0.2	0
31	Frontispiz: Reentrant Phase Transition Drives Dynamic Substructure Formation in Ribonucleoprotein Droplets. <i>Angewandte Chemie</i> , 2017, 129, .	2.0	0