Mahdi Muhammad Moosa

List of Publications by Year
in descending order

31	1,342	623734	501196
papers	citations	14 h-index	28 g-index

36	36	36	1523
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ectopic biomolecular phase transitions: fusion proteins in cancer pathologies. Trends in Cell Biology, 2022, 32, 681-695.	7.9	18
2	FUS oncofusion protein condensates recruit mSWI/SNF chromatin remodeler via heterotypic interactions between prionâ€like domains. Protein Science, 2021, 30, 1454-1466.	7.6	22
3	Programmable viscoelasticity in protein-RNA condensates with disordered sticker-spacer polypeptides. Nature Communications, 2021, 12, 6620.	12.8	95
4	Ligand interactions and the protein order-disorder energetic continuum. Seminars in Cell and Developmental Biology, 2020, 99, 78-85.	5.0	4
5	Phase transition of RNAâ”protein complexes into ordered hollow condensates. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15650-15658.	7.1	143
6	Subversion of host stress granules by coronaviruses: Potential roles of Ï€â€rich disordered domains of viral nucleocapsids. Journal of Medical Virology, 2020, 92, 2891-2893.	5.0	11
7	Influenza A Virus Protein NS1 Exhibits Strain-Independent Conformational Plasticity. Journal of Virology, 2019, 93, .	3.4	11
8	Interplay between Short-Range Attraction and Long-Range Repulsion Controls Reentrant Liquid Condensation of Ribonucleoproteinâ€“RNA Complexes. Journal of the American Chemical Society, 2019, 141, 14593-14602.	13.7	144
9	Single-Molecule FRET Detection of Early-Stage Conformations in Î±-Synuclein Aggregation. Methods in Molecular Biology, 2019, 1948, 221-233.	0.9	4
10	Molecular Crowding Tunes Material States of Ribonucleoprotein Condensates. Biomolecules, 2019, 9, 71.	4.0	91
11	Denaturant-specific effects on the structural energetics of a protein-denatured ensemble. European Biophysics Journal, 2018, 47, 89-94.	2.2	4
12	Direct Single-Molecule Observation of Sequential DNA Bending Transitions by the Sox2 HMG Box. International Journal of Molecular Sciences, 2018, 19, 3865.	4.1	7
13	A Chemical Chaperone Decouples TDP-43 Disordered Domain Phase Separation from Fibrillation. Biochemistry, 2018, 57, 6822-6826.	2.5	41
14	Structure of an EIIC sugar transporter trapped in an inward-facing conformation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5962-5967.	7.1	18
15	Comparative genomics of two jute species and insight into fibre biogenesis. Nature Plants, 2017, 3, 16223.	9.3	95
16	Reentrant Phase Transition Drives Dynamic Substructure Formation in Ribonucleoprotein Droplets. Angewandte Chemie - International Edition, 2017, 56, 11354-11359.	13.8	320
17	Reentrant Phase Transition Drives Dynamic Substructure Formation in Ribonucleoprotein Droplets. Angewandte Chemie, 2017, 129, 11512-11517.	2.0	53
18	The Nâ€Terminal Domain of ALSâ€Linked TDPâ€43 Assembles without Misfolding. Angewandte Chemie, 2017, 129, 12764-12767.	2.0	2

#	Article	IF	Citations
19	The Nâ€Terminal Domain of ALSâ€Linked TDPâ€43 Assembles without Misfolding. Angewandte Chemie - International Edition, 2017, 56, 12590-12593.	13.8	52
20	Frontispiece: Reentrant Phase Transition Drives Dynamic Substructure Formation in Ribonucleoprotein Droplets. Angewandte Chemie - International Edition, 2017, 56, .	13.8	3
21	Frontispiz: Reentrant Phase Transition Drives Dynamic Substructure Formation in Ribonucleoprotein Droplets. Angewandte Chemie, 2017, 129, .	2.0	0
22	Twoâ€Dimensional Crowding Uncovers a Hidden Conformation of Î±â€Synuclein. Angewandte Chemie - International Edition, 2016, 55, 12789-12792.	13.8	31
23	Twoâ€Dimensional Crowding Uncovers a Hidden Conformation of Î±â€Synuclein. Angewandte Chemie, 2016, 128, 12981-12984.	2.0	2
24	Forced Folding of a Disordered Protein Accesses an Alternative Folding Landscape. ChemPhysChem, 2015, 16, 90-94.	2.1	24
25	Counteracting chemical chaperone effects on the single-molecule Î±-synuclein structural landscape. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17826-17831.	7.1	65
26	Members of Ectocarpus siliculosus F-box Family Are Subjected to Differential Selective Forces. Interdisciplinary Bio Central, 2012, 4, 1.1-1.7.	0.1	2
27	Combination of two rare mutations causes Î²-thalassaemia in a Bangladeshi patient. Genetics and Molecular Biology, 2011, 34, 406-409.	1.3	6
28	The Role of Dominance Hierarchy in the Evolution of Social Species. Journal for the Theory of Social Behaviour, 2011, 41, 203-208.	1.2	10
29	Danger Avoidance: An Evolutionary Explanation of Uncanny Valley. Biological Theory, 2010, 5, 12-14.	1.5	34
30	Mutation Analysis of theHBBGene in Selected Bangladeshi Î²-Thalassemic Individuals: Presence of Rare Mutations. Genetic Testing and Molecular Biomarkers, 2010, 14, 299-302.	0.7	15
31	An equilibrium model for coat protein mediated resistance to viral infection in plants. Bioscience Hypotheses, 2008, 1, 224-227.	0.2	0