

Iva Pritisanac

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

586
citations

933447

10
h-index

940533

16
g-index

23
all docs

23
docs citations

23
times ranked

672
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Separation as a Missing Mechanism for Interpretation of Disease Mutations. <i>Cell</i> , 2020, 183, 1742-1756.	28.9	147
2	Local unfolding of the HSP27 monomer regulates chaperone activity. <i>Nature Communications</i> , 2019, 10, 1068.	12.8	93
3	Automatic Assignment of Methyl-NMR Spectra of Supramolecular Machines Using Graph Theory. <i>Journal of the American Chemical Society</i> , 2017, 139, 9523-9533.	13.7	48
4	Identifying molecular features that are associated with biological function of intrinsically disordered protein regions. <i>ELife</i> , 2021, 10, .	6.0	47
5	Entropy and Information within Intrinsically Disordered Protein Regions. <i>Entropy</i> , 2019, 21, 662.	2.2	41
6	Automatic structure-based NMR methyl resonance assignment in large proteins. <i>Nature Communications</i> , 2019, 10, 4922.	12.8	30
7	<i>O</i>-Linked-<i>N</i>-Acetylglucosaminylation of the RNA-Binding Protein EWS N-Terminal Low Complexity Region Reduces Phase Separation and Enhances Condensate Dynamics. <i>Journal of the American Chemical Society</i> , 2021, 143, 11520-11534.	13.7	26
8	Automated assignment of methyl NMR spectra from large proteins. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2020, 118-119, 54-73.	7.5	23
9	Insight into the conformational stability of membrane-embedded BamA using a combined solution and solid-state NMR approach. <i>Journal of Biomolecular NMR</i> , 2015, 61, 321-332.	2.8	19
10	Discovering molecular features of intrinsically disordered regions by using evolution for contrastive learning. <i>PLoS Computational Biology</i> , 2022, 18, e1010238.	3.2	16
11	A weakened interface in the P182L variant of HSP27 associated with severe Charcotâ€Marieâ€™tooth neuropathy causes aberrant binding to interacting proteins. <i>EMBO Journal</i> , 2021, 40, e103811.	7.8	14
12	A recurrent SHANK3 frameshift variant in Autism Spectrum Disorder. <i>Npj Genomic Medicine</i> , 2021, 6, 91.	3.8	9
13	Global regulatory features of alternative splicing across tissues and within the nervous system of <i>C. elegans</i>. <i>Genome Research</i> , 2020, 30, 1766-1780.	5.5	8
14	Protein structural changes characterized by high-pressure, pulsed field gradient diffusion NMR spectroscopy. <i>Journal of Magnetic Resonance</i> , 2020, 312, 106701.	2.1	8
15	Whence Blobs? Phylogenetics of functional protein condensates. <i>Biochemical Society Transactions</i> , 2020, 48, 2151-2158.	3.4	7
16	FOXO transcription factors differ in their dynamics and intra/intermolecular interactions. <i>Current Research in Structural Biology</i> , 2022, 4, 118-133.	2.2	7