

Javier Oroz

List of Publications by Year in descending order

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docs citations

32
times ranked

1132
citing authors

#	ARTICLE	IF	CITATIONS
1	Do polyproline II helix associations modulate biomolecular condensates?. FEBS Open Bio, 2021, 11, 2390-2399.	1.0	12
2	Molecular basis of the interaction of Hsp90 with its co-chaperone Hop. Protein Science, 2020, 29, 2422-2432.	3.1	15
3	Mechanistic Insights into the Role of Molecular Chaperones in Protein Misfolding Diseases: From Molecular Recognition to Amyloid Disassembly. International Journal of Molecular Sciences, 2020, 21, 9186.	1.8	20
4	Conformational Priming of RepA-WH1 for Functional Amyloid Conversion Detected by NMR Spectroscopy. Structure, 2020, 28, 336-347.e4.	1.6	6
5	Structural transitions in Orb2 prion-like domain relevant for functional aggregation in memory consolidation. Journal of Biological Chemistry, 2020, 295, 18122-18133.	1.6	12
6	Dynamic Aha1 co-chaperone binding to human Hsp90. Protein Science, 2019, 28, 1545-1551.	3.1	19
7	RNA binding proteins: Diversity from microsurgeons to cowboys. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 194398.	0.9	3
8	Nanomechanics of tip-link cadherins. Scientific Reports, 2019, 9, 13306.	1.6	14
9	Mapping interactions with the chaperone network reveals factors that protect against tau aggregation. Nature Structural and Molecular Biology, 2018, 25, 384-393.	3.6	119
10	Structure and pro-toxic mechanism of the human Hsp90/PPlase/Tau complex. Nature Communications, 2018, 9, 4532.	5.8	68
11	Mechanistic basis for the recognition of a misfolded protein by the molecular chaperone Hsp90. Nature Structural and Molecular Biology, 2017, 24, 407-413.	3.6	44
12	The Y9P Variant of the Titin I27 Module: Structural Determinants of Its Revisited Nanomechanics. Structure, 2016, 24, 606-616.	1.6	10
13	Structure of Monomeric Transthyretin Carrying the Clinically Important T119M Mutation. Angewandte Chemie - International Edition, 2016, 55, 16168-16171.	7.2	15
14	ASC Pyrin Domain Self-associates and Binds NLRP3 Protein Using Equivalent Binding Interfaces. Journal of Biological Chemistry, 2016, 291, 19487-19501.	1.6	71
15	Struktur eines monomeren Transthyretin mit der klinisch wichtigen T119M-Mutation. Angewandte Chemie, 2016, 128, 16402-16405.	1.6	0
16	A ring-like model for ASC self-association via the CARD domain. Inflammasome, 2014, 1, .	0.6	1
17	Common Features at the Start of the Neurodegeneration Cascade. PLoS Biology, 2012, 10, e1001335.	2.6	60
18	The Nanomechanics of Neurotoxic Proteins Reveals Common Features at the Start of the Neurodegeneration Cascade. Biophysical Journal, 2012, 102, 633a.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Unequivocal Single-Molecule Force Spectroscopy of Proteins by AFM Using pFS Vectors. Biophysical Journal, 2012, 102, 682-690.	0.2	30
20	Mechanical Properties of β -Catenin Revealed by Single-Molecule Experiments. Biophysical Journal, 2012, 103, 1744-1752.	0.2	28
21	Unequivocal Single-Molecule Force Spectroscopy of Intrinsically Disordered Proteins. Methods in Molecular Biology, 2012, 896, 71-87.	0.4	7
22	Nanomechanics of the Cadherin Ectodomain. Journal of Biological Chemistry, 2011, 286, 9405-9418.	1.6	45
23	On the remarkable mechanostability of scaffoldins and the mechanical clamp motif. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13791-13796.	3.3	116
24	Quasi-simultaneous imaging/pulling analysis of single polyprotein molecules by atomic force microscopy. Review of Scientific Instruments, 2007, 78, 113707.	0.6	22
25	Protein Nanomechanics " as Studied by AFM Single-Molecule Force Spectroscopy. , 2006, , 163-245.		25