Julio M Fernandez

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3214608/publications.pdf

Version: 2024-02-01

19	7,633	430442	794141
papers	citations	18	19
		h-index	g-index

21	21	21	5677
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protein folding modulates the chemical reactivity of a Gram-positive adhesin. Nature Chemistry, 2021, 13, 172-181.	6.6	35
2	Talin folding as the tuning fork of cellular mechanotransduction. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21346-21353.	3.3	44
3	Direct observation of a coil-to-helix contraction triggered by vinculin binding to talin. Science Advances, 2020, 6, eaaz4707.	4.7	47
4	Ephemeral states in protein folding under force captured with a magnetic tweezers design. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7873-7878.	3.3	67
5	A HaloTag Anchored Ruler for Week-Long Studies of Protein Dynamics. Journal of the American Chemical Society, 2016, 138, 10546-10553.	6.6	121
6	Stretching Single Talin Rod Molecules Activates Vinculin Binding. Science, 2009, 323, 638-641.	6.0	1,297
7	Force-dependent chemical kinetics of disulfide bond reduction observed with single-molecule techniques. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7222-7227.	3.3	324
8	Fingerprinting polysaccharides with single-molecule atomic force microscopy. Nature Biotechnology, 2001, 19, 258-262.	9.4	139
9	Intracellular Ca2+channel immunoreactivity in neuroendocrine axon terminals. FEBS Letters, 2000, 482, 131-138.	1.3	13
10	Single protein misfolding events captured by atomic force microscopy. Nature Structural Biology, 1999, 6, 1025-1028.	9.7	188
11	The micro-mechanics of single molecules studied with atomic force microscopy. Journal of Physiology, 1999, 520, 5-14.	1.3	68
12	Mechanical unfolding intermediates in titin modules. Nature, 1999, 402, 100-103.	13.7	789
13	The molecular elasticity of the extracellular matrix protein tenascin. Nature, 1998, 393, 181-185.	13.7	820
14	Elastically Coupled Two-Level Systems as a Model for Biopolymer Extensibility. Physical Review Letters, 1998, 81, 4764-4767.	2.9	446
15	Reversible Unfolding of Individual Titin Immunoglobulin Domains by AFM. Science, 1997, 276, 1109-1112.	6.0	2,874
16	The exocytotic fusion pore interface: a model of the site of neurotransmitter release. Molecular Membrane Biology, 1995, 12, 151-156.	2.0	40
17	Localization of the site of Ca2 + release at the level of a single sarcomere in skeletal muscle fibres. Nature, 1994, 367, 739-741.	13.7	99
18	RT-PCR cloning of Rab3 isoforms expressed in peritoneal mast cells. FEBS Letters, 1994, 339, 171-174.	1.3	39

#	Article	IF	Citations
19	Exocytotic fusion is activated by Rab3a peptides. Nature, 1992, 360, 270-273.	13.7	174