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List of Publications by Year
in descending order

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31 papers	1,192 citations	471509 17 h-index	501196 28 g-index
32 all docs	32 docs citations	32 times ranked	1832 citing authors

#	Article	IF	Citations
1	The role of the M-band myomesin proteins in muscle integrity and cardiac disease. Journal of Biomedical Science, 2022, 29, 18.	7.0	9
2	Characterization of the membrane interactions of phospholipase CÎ³ reveals key features of the active enzyme. Science Advances, 2022, 8, .	10.3	7
3	Cryo-EM structure of a monomeric yeast S. cerevisiae complex IV isolated with maltosides: Implications in supercomplex formation. Biochimica Et Biophysica Acta - Bioenergetics, 2022, 1863, 148591.	1.0	2
4	Crystallization and Preliminary X-Ray Diffraction Study of the C-Terminal Fragment of Myomesin-2. Crystallography Reports, 2021, 66, 808-810.	0.6	0
5	The M-band: The underestimated part of the sarcomere. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118440.	4.1	70
6	Calcium modulates the domain flexibility and function of an Î±-actinin similar to the ancestral Î±-actinin. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 22101-22112.	7.1	10
7	Rcf2 revealed in cryo-EM structures of hypoxic isoforms of mature mitochondrial III-IV supercomplexes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9329-9337.	7.1	40
8	Structure of yeast cytochrome c oxidase in a supercomplex with cytochrome bc1. Nature Structural and Molecular Biology, 2019, 26, 78-83.	8.2	121
9	Structure of the WipA protein reveals a novel tyrosine protein phosphatase effector from Legionella pneumophila. Journal of Biological Chemistry, 2017, 292, 9240-9251.	3.4	12
10	Crystal structure of the Legionella pneumophila Lpg2936 in complex with the cofactor Sâ€adenosylâ€Lâ€methionine reveals novel insights into the mechanism of RsmE family methyltransferases. Protein Science, 2017, 26, 2381-2391.	7.6	9
11	The Legionella effector WipB is a translocated Ser/Thr phosphatase that targets the host lysosomal nutrient sensing machinery. Scientific Reports, 2017, 7, 9450.	3.3	8
12	Structural insight into the Phosphoinositide-Regulated Cellular Dynamics of Alpha-Actinin. Biophysical Journal, 2015, 108, 16a.	0.5	0
13	Virulenceâ€targeted Antibacterials: Concept, Promise, and Susceptibility to Resistance Mechanisms. Chemical Biology and Drug Design, 2015, 86, 379-399.	3.2	66
14	The Structure and Regulation of Human Muscle Î±-Actinin. Cell, 2014, 159, 1447-1460.	28.9	178
15	The Center for Optimized Structural Studies (COSS) platform for automation in cloning, expression, and purification of single proteins and proteinâ€“protein complexes. Amino Acids, 2014, 46, 1565-1582.	2.7	15
16	Structure of muscle Î±-actinin: Insights into its regulation and Z-disk assembly. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C431-C431.	0.1	0
17	Superhelical Architecture of the Myosin Filament-Linking Protein Myomesin with Unusual Elastic Properties. PLoS Biology, 2012, 10, e1001261.	5.6	35
18	Heterologous overexpression of Glomerella cingulata FAD-dependent glucose dehydrogenase in Escherichia coli and Pichia pastoris. Microbial Cell Factories, 2011, 10, 106.	4.0	45

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19	Fast-folding Î±-helices as reversible strain absorbers in the muscle protein myomesin. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14139-14144.	7.1	59
20	Terminal assembly of sarcomeric filaments by intermolecular Î²-sheet formation. Trends in Biochemical Sciences, 2009, 34, 33-39.	7.5	14
21	Protein assemblies with palindromic structure motifs. Cellular and Molecular Life Sciences, 2008, 65, 2953-2956.	5.4	5
22	Molecular basis of the C-terminal tail-to-tail assembly of the sarcomeric filament protein myomesin. EMBO Journal, 2008, 27, 253-264.	7.8	33
23	Paxillin and Ponsin Interact in Nascent Costameres of Muscle Cells. Journal of Molecular Biology, 2007, 369, 665-682.	4.2	35
24	Second SH3 Domain of Ponsin Solved from Powder Diffraction. Journal of the American Chemical Society, 2007, 129, 11865-11871.	13.7	42
25	Evidence for a dimeric assembly of two titin/telethonin complexes induced by the telethonin C-terminus. Journal of Structural Biology, 2006, 155, 239-250.	2.8	25
26	Palindromic assembly of the giant muscle protein titin in the sarcomeric Z-disk. Nature, 2006, 439, 229-233.	27.8	166
27	The structure of the 2[4Feâ€“4S] ferredoxin from Pseudomonas aeruginosa at 1.32-Ã… resolution: comparison with other high-resolution structures of ferredoxins and contributing structural features to reduction potential values. Journal of Biological Inorganic Chemistry, 2006, 11, 445-458.	2.6	36
28	Mechanical Strength of the Titin Z1Z2-Telethonin Complex. Structure, 2006, 14, 497-509.	3.3	70
29	Inclusion compounds of plant growth regulators in cyclodextrins. V. 4-Chlorophenoxyacetic acid encapsulated in Î²-cyclodextrin and heptakis(2,3,6-tri-O-methyl)-Î²-cyclodextrin. Acta Crystallographica Section B: Structural Science, 2005, 61, 207-217.	1.8	13
30	The binding of Î²- and Î³-cyclodextrins to glycogen phosphorylase b: Kinetic and crystallographic studies. Protein Science, 2003, 12, 1914-1924.	7.6	48
31	Chemiluminometric determination of reserpine and related alkaloids. Analyst, The, 2000, 125, 1307-1311.	3.5	19