

Carlos Hi Ramos

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

125
papers

2,770
citations

30
h-index

47
g-index

138
ext. papers

3,097
ext. citations

4
avg, IF

5.04
L-index

#	Paper	IF	Citations
125	Binding of SARS-CoV-2 protein ORF9b to mitochondrial translocase TOM70 prevents its interaction with chaperone HSP90. <i>Biochimie</i> , 2022 , 200, 99-106	4.6	1
124	Purification and characterization of a novel and conserved TPR-domain protein that binds both Hsp90 and Hsp70 and is expressed in all developmental stages of <i>Leishmania major</i> . <i>Biochimie</i> , 2021 , 182, 51-60	4.6	
123	Characterizing protein conformers by cross-linking mass spectrometry and pattern recognition. <i>Bioinformatics</i> , 2021 ,	7.2	1
122	<i>Leishmania major</i> RUVBL1 has a hexameric conformation in solution and, in the presence of RUVBL2, forms a heterodimer with ATPase activity. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 703, 108841	4.1	0
121	New insights on human Hsp70-escort protein 1: Chaperone activity, interaction with liposomes, cellular localizations and HSPAB self-assemblies remodeling. <i>International Journal of Biological Macromolecules</i> , 2021 , 182, 772-784	7.9	
120	The chaperone HSPB1 prepares protein aggregates for resolubilization by HSP70. <i>Scientific Reports</i> , 2021 , 11, 17139	4.9	6
119	Insights into the structure and function of the C-terminus of SGTs (small glutamine-rich TPR-containing proteins): A study of the <i>Aedes aegypti</i> homolog. <i>Biochimie</i> , 2021 , 187, 131-143	4.6	
118	Structural, thermodynamic and functional studies of human 71kDa heat shock cognate protein (HSPA8/hHsc70). <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2021 , 1869, 140719	4	1
117	DIBMA nanodiscs keep β synuclein folded. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020 , 1862, 183314	3.8	10
116	Crystal structure of a novel xylose isomerase from <i>Streptomyces</i> sp. F-1 revealed the presence of unique features that differ from conventional classes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020 , 1864, 129549	4	4
115	Sorafenib as an Inhibitor of RUVBL2. <i>Biomolecules</i> , 2020 , 10,	5.9	5
114	Heat shock protein 90kDa (Hsp90) from <i>Aedes aegypti</i> has an open conformation and is expressed under heat stress. <i>International Journal of Biological Macromolecules</i> , 2020 , 156, 522-530	7.9	1
113	On the structure and function of <i>Sorghum bicolor</i> CHIP (carboxyl terminus of Hsc70-interacting protein): A link between chaperone and proteasome systems. <i>Plant Science</i> , 2020 , 296, 110506	5.3	1
112	Unveiling the interaction between the molecular motor Myosin Vc and the small GTPase Rab3A. <i>Journal of Proteomics</i> , 2020 , 212, 103549	3.9	6
111	A rationally identified marine GH1 β glucosidase has distinguishing functional features for simultaneous saccharification and fermentation. <i>Biofuels, Bioproducts and Biorefining</i> , 2020 , 14, 1163-1179	5.9	2
110	Are Hsp90 inhibitors good candidates against Covid-19?. <i>Current Protein and Peptide Science</i> , 2020 ,	2.8	3
109	Optimization of a Methodology for Quantification and Removal of Zinc Gives Insights Into the Effect of This Metal on the Stability and Function of the Zinc-Binding Co-chaperone Ydj1. <i>Frontiers in Chemistry</i> , 2019 , 7, 416	5	4

108	Solution NMR investigation on the structure and function of the isolated J-domain from Sis1: Evidence of transient inter-domain interactions in the full-length protein. <i>Archives of Biochemistry and Biophysics</i> , 2019 , 669, 71-79	4.1	4
107	Thermodynamic analysis of interactions of the Hsp90 with adenosine nucleotides: A comparative perspective. <i>International Journal of Biological Macromolecules</i> , 2019 , 130, 125-138	7.9	9
106	A brief review on the strategy of developing SPR-based biosensors for application to the diagnosis of neglected tropical diseases. <i>Talanta</i> , 2019 , 205, 120122	6.2	23
105	ClpP protease activation results from the reorganization of the electrostatic interaction networks at the entrance pores. <i>Communications Biology</i> , 2019 , 2, 410	6.7	14
104	Studies on the effect of the J-domain on the substrate binding domain (SBD) of Hsp70 using a chimeric human J-SBD polypeptide. <i>International Journal of Biological Macromolecules</i> , 2019 , 124, 111-120 ⁹	7.9	2
103	Revealing the interaction mode of the highly flexible Sorghum bicolor Hsp70/Hsp90 organizing protein (Hop): A conserved carboxylate clamp confers high affinity binding to Hsp90. <i>Journal of Proteomics</i> , 2019 , 191, 191-201	3.9	2
102	The 70 KDA Heat Shock Protein Hsp70 as Part of a Protein Disaggregase System. <i>Heat Shock Proteins</i> , 2018 , 155-180	0.2	1
101	H, N and C resonance assignments of the J-domain of co-chaperone Sis1 from <i>Saccharomyces cerevisiae</i> . <i>Biomolecular NMR Assignments</i> , 2018 , 12, 279-281	0.7	1
100	Initial characterization of newly identified mitochondrial and chloroplast small HSPs from sugarcane shows that these chaperones have different oligomerization states and substrate specificities. <i>Plant Physiology and Biochemistry</i> , 2018 , 129, 285-294	5.4	5
99	Resveratrol prevents p53 aggregation and in breast cancer cells. <i>Oncotarget</i> , 2018 , 9, 29112-29122	3.3	36
98	Heat Shock Factor (HSF): The Promoter of Chaperone Genes. A Mini Review. <i>Current Proteomics</i> , 2018 , 16, 22-30	0.7	1
97	Acyldepsipeptide Analogs Dysregulate Human Mitochondrial ClpP Protease Activity and Cause Apoptotic Cell Death. <i>Cell Chemical Biology</i> , 2018 , 25, 1017-1030.e9	8.2	42
96	Characterization of the Hsp100 disaggregase from sugarcane (SHsp101) for chaperone like activity in a yeast system. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2017 , 26, 478-487	1.6	2
95	Hsp78 (78 kDa Heat Shock Protein), a Representative AAA Family Member Found in the Mitochondrial Matrix of. <i>Frontiers in Molecular Biosciences</i> , 2017 , 4, 60	5.6	5
94	Low sequence identity but high structural and functional conservation: The case of Hsp70/Hsp90 organizing protein (Hop/Sti1) of <i>Leishmania braziliensis</i> . <i>Archives of Biochemistry and Biophysics</i> , 2016 , 600, 12-22	4.1	8
93	Overexpression and Characterization of The C-Terminal Domain of Human Siva1, A Proapoptotic Factor and Cytoskeleton Binding Protein. <i>Protein and Peptide Letters</i> , 2016 , 23, 43-50	1.9	2
92	Molecular Chaperones and HSPs in Sugarcane and Eucalyptus. <i>Heat Shock Proteins</i> , 2016 , 245-282	0.2	1
91	Heat Shock Protein 90 kDa (Hsp90) Has a Second Functional Interaction Site with the Mitochondrial Import Receptor Tom70. <i>Journal of Biological Chemistry</i> , 2016 , 291, 18620-31	5.4	23

90	Specification of Hsp70 function by Type I and Type II Hsp40. <i>Sub-Cellular Biochemistry</i> , 2015 , 78, 91-102	5.5	40
89	The C-terminal region of the human p23 chaperone modulates its structure and function. <i>Archives of Biochemistry and Biophysics</i> , 2015 , 565, 57-67	4.1	12
88	Disaggregases, molecular chaperones that resolubilize protein aggregates. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015 , 87, 1273-92	1.4	15
87	Cooperative substrate binding by a diguanylate cyclase. <i>Journal of Molecular Biology</i> , 2015 , 427, 415-32	6.5	16
86	Human mitochondrial Hsp70 (mortalin): shedding light on ATPase activity, interaction with adenosine nucleotides, solution structure and domain organization. <i>PLoS ONE</i> , 2015 , 10, e0117170	3.7	34
85	From Conformation to Interaction: Techniques to Explore the Hsp70/Hsp90 Network. <i>Current Protein and Peptide Science</i> , 2015 , 16, 735-53	2.8	21
84	β -crystallin interacts with and prevents stress-activated proteolysis of focal adhesion kinase by calpain in cardiomyocytes. <i>Nature Communications</i> , 2014 , 5, 5159	17.4	26
83	The effect of celastrol, a triterpene with antitumorigenic activity, on conformational and functional aspects of the human 90kDa heat shock protein Hsp90 α chaperone implicated in the stabilization of the tumor phenotype. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 3145-52	4	21
82	Conformational changes in human Hsp70 induced by high hydrostatic pressure produce oligomers with ATPase activity but without chaperone activity. <i>Biochemistry</i> , 2014 , 53, 2884-9	3.2	8
81	Structural and functional characterization of the chaperone Hsp70 from sugarcane. Insights into conformational changes during cycling from cross-linking/mass spectrometry assays. <i>Journal of Proteomics</i> , 2014 , 104, 48-56	3.9	12
80	Comparative proteomics and metallomics studies in Arabidopsis thaliana leaf tissues: evaluation of the selenium addition in transgenic and nontransgenic plants using two-dimensional difference gel electrophoresis and laser ablation imaging. <i>Proteomics</i> , 2014 , 14, 904-12	4.8	16
79	The Interaction Networks of Hsp70 and Hsp90 in the Plasmodium and Leishmania Parasites 2014 , 445-481		9
78	Conformational and functional studies of a cytosolic 90kDa heat shock protein Hsp90 from sugarcane. <i>Plant Physiology and Biochemistry</i> , 2013 , 68, 16-22	5.4	12
77	Structural and stability studies of the human mtHsp70-escort protein 1: an essential mortalin co-chaperone. <i>International Journal of Biological Macromolecules</i> , 2013 , 56, 140-8	7.9	20
76	Chemical modifications of PhTX-I myotoxin from Porthidium hyoprora snake venom: effects on structural, enzymatic, and pharmacological properties. <i>BioMed Research International</i> , 2013 , 2013, 103494	3.4	5
75	Biochemical characterization of uracil phosphoribosyltransferase from Mycobacterium tuberculosis. <i>PLoS ONE</i> , 2013 , 8, e56445	3.7	14
74	The stability of wild-type and deletion mutants of human C-terminus Hsp70-interacting protein (CHIP). <i>Protein and Peptide Letters</i> , 2013 , 20, 524-9	1.9	3
73	The network interaction of the human cytosolic 90 kDa heat shock protein Hsp90: A target for cancer therapeutics. <i>Journal of Proteomics</i> , 2012 , 75, 2790-802	3.9	61

72	Cloning, purification and characterization of a 90kDa heat shock protein from Citrus sinensis (sweet orange). <i>Plant Physiology and Biochemistry</i> , 2012 , 50, 87-94	5.4	6
71	Mutant p53 aggregates into prion-like amyloid oligomers and fibrils: implications for cancer. <i>Journal of Biological Chemistry</i> , 2012 , 287, 28152-62	5.4	167
70	Identification of regions involved in substrate binding and dimer stabilization within the central domains of yeast Hsp40 Sis1. <i>PLoS ONE</i> , 2012 , 7, e50927	3.7	19
69	Stoichiometry and thermodynamics of the interaction between the C-terminus of human 90kDa heat shock protein Hsp90 and the mitochondrial translocase of outer membrane Tom70. <i>Archives of Biochemistry and Biophysics</i> , 2011 , 513, 119-25	4.1	15
68	Amyloid fibril formation by circularly permuted and C-terminally deleted mutants. <i>International Journal of Biological Macromolecules</i> , 2011 , 48, 583-8	7.9	4
67	Sugarcane Hsp101 is a hexameric chaperone that binds nucleotides. <i>International Journal of Biological Macromolecules</i> , 2011 , 49, 1022-30	7.9	9
66	An overview of the role of molecular chaperones in protein homeostasis. <i>Protein and Peptide Letters</i> , 2011 , 18, 101-9	1.9	43
65	Human Nek6 is a monomeric mostly globular kinase with an unfolded short N-terminal domain. <i>BMC Structural Biology</i> , 2011 , 11, 12	2.7	17
64	Central domain deletions affect the SAXS solution structure and function of yeast Hsp40 proteins Sis1 and Ydj1. <i>BMC Structural Biology</i> , 2011 , 11, 40	2.7	20
63	Is there nascent structure in the intrinsically disordered region of troponin I?. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011 , 79, 1240-50	4.2	19
62	Analysis of molecular targets of Mycobacterium tuberculosis by analytical ultracentrifugation. <i>Current Medicinal Chemistry</i> , 2011 , 18, 1276-85	4.3	36
61	Sir2-Related Protein 1 from Leishmania amazonensis is a glycosylated NAD ⁺ -dependent deacetylase. <i>Parasitology</i> , 2011 , 138, 1245-58	2.7	14
60	Human mitochondrial import receptor Tom70 functions as a monomer. <i>Biochemical Journal</i> , 2010 , 429, 553-63	3.8	8
59	Human Hsp70/Hsp90 organizing protein (Hop) D456G is a mixture of monomeric and dimeric species. <i>Protein and Peptide Letters</i> , 2010 , 17, 492-8	1.9	7
58	Heat causes oligomeric disassembly and increases the chaperone activity of small heat shock proteins from sugarcane. <i>Plant Physiology and Biochemistry</i> , 2010 , 48, 108-16	5.4	19
57	Human 90 kDa Heat Shock Protein Hsp90 as a Target for Cancer Therapeutics. <i>Current Chemical Biology</i> , 2009 , 3, 10-21	0.4	2
56	Polypeptide transfer from Hsp40 to Hsp70 molecular chaperones. <i>Trends in Biochemical Sciences</i> , 2009 , 34, 230-3	10.3	62
55	Human hnRNP Q re-localizes to cytoplasmic granules upon PMA, thapsigargin, arsenite and heat-shock treatments. <i>Experimental Cell Research</i> , 2009 , 315, 968-80	4.2	27

54	Protein cutoff scanning: A comparative analysis of cutoff dependent and cutoff free methods for prospecting contacts in proteins. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009 , 74, 727-43	4.2	63
53	DNA and heparin chaperone the refolding of purified recombinant replication protein A subunit 1 from <i>Leishmania amazonensis</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009 , 1790, 119-25	4	6
52	Structure and activity analysis of two spider toxins that alter sodium channel inactivation kinetics. <i>Biochemistry</i> , 2009 , 48, 3078-88	3.2	31
51	Human 90 kDa Heat Shock Protein Hsp90 as a Target for Cancer Therapeutics. <i>Current Chemical Biology</i> , 2009 , 3, 330-341	0.4	11
50	Insights on the structure of amyloid fibrils from site-directed mutagenesis. <i>Protein and Peptide Letters</i> , 2009 , 16, 1519-25	1.9	3
49	Characterization of nucleotide-induced changes on the quaternary structure of human 70 kDa heat shock protein Hsp70.1 by analytical ultracentrifugation. <i>BMB Reports</i> , 2009 , 42, 166-71	5.5	14
48	Human regulatory protein Ki-1/57 has characteristics of an intrinsically unstructured protein. <i>Journal of Proteome Research</i> , 2008 , 7, 4465-74	5.6	20
47	Conserved central domains control the quaternary structure of type I and type II Hsp40 molecular chaperones. <i>Journal of Molecular Biology</i> , 2008 , 383, 155-66	6.5	41
46	On the quaternary structure of a C-type lectin from <i>Bothrops jararacussu</i> venom--BJ-32 (BjcuL). <i>Toxicon</i> , 2008 , 52, 944-53	2.8	7
45	Biophysical characterization of the recombinant merozoite surface protein-3 of <i>Plasmodium vivax</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008 , 1780, 983-8	4	8
44	Structural studies of prephenate dehydratase from <i>Mycobacterium tuberculosis</i> H37Rv by SAXS, ultracentrifugation, and computational analysis. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008 , 72, 1352-62	4.2	6
43	Diffusive motions control the folding and unfolding kinetics of the apomyoglobin pH 4 molten globule intermediate. <i>Biochemistry</i> , 2007 , 46, 4379-89	3.2	15
42	Identification of the flagellar chaperone FlgN in the phytopathogen <i>Xanthomonas axonopodis</i> pathovar citri by its interaction with hook-associated FlgK. <i>Archives of Microbiology</i> , 2007 , 188, 243-50	3	11
41	Cloning and characterization of three hypothetical secretion chaperone proteins from <i>Xanthomonas axonopodis</i> pv. citri. <i>Protein Expression and Purification</i> , 2007 , 53, 363-9	2	7
40	LaTBP1: a <i>Leishmania amazonensis</i> DNA-binding protein that associates in vivo with telomeres and GT-rich DNA using a Myb-like domain. <i>Archives of Biochemistry and Biophysics</i> , 2007 , 465, 399-409	4.1	7
39	<i>Leishmania</i> replication protein A-1 binds in vivo single-stranded telomeric DNA. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 358, 417-23	3.4	26
38	LaRbp38: a <i>Leishmania amazonensis</i> protein that binds nuclear and kinetoplast DNAs. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 358, 854-60	3.4	6
37	Biochemical and biophysical characterization of small heat shock proteins from sugarcane. Involvement of a specific region located at the N-terminus with substrate specificity. <i>International Journal of Biochemistry and Cell Biology</i> , 2007 , 39, 818-31	5.6	25

36	Expression and variability of molecular chaperones in the sugarcane expressome. <i>Journal of Plant Physiology</i> , 2007 , 164, 505-13	3.6	24
35	Molecular dynamics and circular dichroism studies of human and rat C-peptides. <i>Journal of Molecular Graphics and Modelling</i> , 2006 , 25, 532-42	2.8	9
34	A spectroscopic analysis of the interaction between the human regulatory proteins RACK1 and Ki-1/57. <i>Biological Chemistry</i> , 2006 , 387, 577-82	4.5	7
33	Low resolution structure and stability studies of human GrpE#2, a mitochondrial nucleotide exchange factor. <i>Archives of Biochemistry and Biophysics</i> , 2006 , 449, 77-86	4.1	15
32	Spectroscopic and thermodynamic measurements of nucleotide-induced changes in the human 70-kDa heat shock cognate protein. <i>Archives of Biochemistry and Biophysics</i> , 2006 , 452, 46-54	4.1	46
31	Phosphate closes the solution structure of the 5-enolpyruvylshikimate-3-phosphate synthase (EPSPS) from <i>Mycobacterium tuberculosis</i> . <i>Archives of Biochemistry and Biophysics</i> , 2006 , 452, 156-64	4.1	19
30	Solution conformation and heparin-induced dimerization of the full-length extracellular domain of the human amyloid precursor protein. <i>Journal of Molecular Biology</i> , 2006 , 357, 493-508	6.5	56
29	Structure of chorismate synthase from <i>Mycobacterium tuberculosis</i> . <i>Journal of Structural Biology</i> , 2006 , 154, 130-43	3.4	36
28	The molybdate-binding protein (ModA) of the plant pathogen <i>Xanthomonas axonopodis</i> pv. <i>citri</i> . <i>Protein Expression and Purification</i> , 2006 , 50, 215-22	2	17
27	The HD-GYP domain of RpfG mediates a direct linkage between the Rpf quorum-sensing pathway and a subset of diguanylate cyclase proteins in the phytopathogen <i>Xanthomonas axonopodis</i> pv <i>citri</i> . <i>Molecular Microbiology</i> , 2006 , 62, 537-51	4.1	102
26	The putative telomerase reverse transcriptase component of <i>Leishmania amazonensis</i> : gene cloning and characterization. <i>Parasitology Research</i> , 2006 , 98, 447-54	2.4	22
25	Circular permutation and deletion studies of myoglobin indicate that the correct position of its N-terminus is required for native stability and solubility but not for native-like heme binding and folding. <i>Biochemistry</i> , 2005 , 44, 4699-709	3.2	24
24	Heparin-binding sites in granulocyte-macrophage colony-stimulating factor. Localization and regulation by histidine ionization. <i>Journal of Biological Chemistry</i> , 2005 , 280, 31949-56	5.4	34
23	Purification and in vitro characterization of the maltose-binding protein of the plant pathogen <i>Xanthomonas citri</i> . <i>Protein Expression and Purification</i> , 2005 , 43, 103-10	2	13
22	On the difference in stability between horse and sperm whale myoglobins. <i>Archives of Biochemistry and Biophysics</i> , 2005 , 436, 168-77	4.1	31
21	Mapping contacts between regulatory domains of skeletal muscle TnC and TnI by analyses of single-chain chimeras. <i>FEBS Journal</i> , 2005 , 272, 779-90	5.7	7
20	In silico identification of potential chaperone genes that belong to type III and type IV secretion systems in <i>Xanthomonas axonopodis</i> pv <i>citri</i> . <i>Genetics and Molecular Biology</i> , 2005 , 28, 321-327	2	4
19	Identification and in silico expression pattern analysis of <i>Eucalyptus</i> expressed sequencing tags (ESTs) encoding molecular chaperones. <i>Genetics and Molecular Biology</i> , 2005 , 28, 520-528	2	12

18	Protein folding, misfolding and aggregation: evolving concepts and conformational diseases. <i>Protein and Peptide Letters</i> , 2005 , 12, 213-22	1.9	34
17	Protein folding assisted by chaperones. <i>Protein and Peptide Letters</i> , 2005 , 12, 257-61	1.9	117
16	Identification of new protein-protein interactions involving the products of the chromosome- and plasmid-encoded type IV secretion loci of the phytopathogen <i>Xanthomonas axonopodis</i> pv. citri. <i>Journal of Bacteriology</i> , 2005 , 187, 2315-25	3.5	56
15	Low resolution structural study of two human HSP40 chaperones in solution. DJA1 from subfamily A and DJB4 from subfamily B have different quaternary structures. <i>Journal of Biological Chemistry</i> , 2005 , 280, 13671-81	5.4	52
14	New protein-protein interactions identified for the regulatory and structural components and substrates of the type III Secretion system of the phytopathogen <i>Xanthomonas axonopodis</i> Pathovar citri. <i>Journal of Bacteriology</i> , 2004 , 186, 6186-97	3.5	52
13	Effects of cardiomyopathic mutations on the biochemical and biophysical properties of the human alpha-tropomyosin. <i>FEBS Journal</i> , 2004 , 271, 4132-40		16
12	A spectroscopic-based laboratory experiment for protein conformational studies*. <i>Biochemistry and Molecular Biology Education</i> , 2004 , 32, 31-4	1.3	18
11	Origin of the anomalous circular dichroism spectra of many apomyoglobin mutants. <i>Analytical Biochemistry</i> , 2004 , 329, 300-6	3.1	11
10	Stability and folding studies of the N-domain of troponin C. Evidence for the formation of an intermediate. <i>Archives of Biochemistry and Biophysics</i> , 2004 , 427, 135-42	4.1	6
9	Fast purification of the Apo form and of a non-binding heme mutant of recombinant sperm whale myoglobin. <i>Protein Expression and Purification</i> , 2003 , 28, 202-8	2	11
8	Free human mitochondrial GrpE is a symmetric dimer in solution. <i>Journal of Biological Chemistry</i> , 2003 , 278, 35337-44	5.4	22
7	Sulfate anion stabilization of native ribonuclease A both by anion binding and by the Hofmeister effect. <i>Protein Science</i> , 2002 , 11, 1771-8	6.3	76
6	Molecular chaperone genes in the sugarcane expressed sequence database (SUCEST). <i>Genetics and Molecular Biology</i> , 2001 , 24, 85-92	2	27
5	Specificity of native-like interhelical hydrophobic contacts in the apomyoglobin intermediate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 2007-12	11.5	46
4	Mapping subdomains in the C-terminal region of troponin I involved in its binding to troponin C and to thin filament. <i>Journal of Biological Chemistry</i> , 1999 , 274, 18189-95	5.4	42
3	Putative interhelix ion pairs involved in the stability of myoglobin. <i>Biochemistry</i> , 1999 , 38, 9783-90	3.2	42
2	The effect of regulatory Ca ²⁺ on the in situ structures of troponin C and troponin I: a neutron scattering study. <i>Journal of Molecular Biology</i> , 1998 , 281, 689-704	6.5	67
1	Structural and regulatory functions of the NH ₂ - and COOH-terminal regions of skeletal muscle troponin I.. <i>Journal of Biological Chemistry</i> , 1994 , 269, 5230-5240	5.4	166

