

# Marion L Greaser

## 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.

157  
papers

10,123  
citations

55  
h-index

98  
g-index

163  
ext. papers

10,910  
ext. citations

5.4  
avg, IF

5.55  
L-index

#	Paper	IF	Citations
157	Megaesophagus Is a Major Pathological Condition in Rats With a Large Deletion in the Gene. <i>Veterinary Pathology</i> , <b>2020</b> , 57, 151-159	2.8	
156	Electrophoretic Separation of Very Large Molecular Weight Proteins in SDS Agarose. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1855, 203-210	1.4	4
155	Splicing Factor RBM20 Regulates Transcriptional Network of Titin Associated and Calcium Handling Genes in The Heart. <i>International Journal of Biological Sciences</i> , <b>2018</b> , 14, 369-380	11.2	18
154	Impact of titin strain on the cardiac slow force response. <i>Progress in Biophysics and Molecular Biology</i> , <b>2017</b> , 130, 281-287	4.7	6
153	Titin strain contributes to the Frank-Starling law of the heart by structural rearrangements of both thin- and thick-filament proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 2306-11	11.5	95
152	Method for resolution and western blotting of very large proteins using agarose electrophoresis. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1312, 285-91	1.4	2
151	Titin-mediated control of cardiac myofibrillar function. <i>Archives of Biochemistry and Biophysics</i> , <b>2014</b> , 552-553, 83-91	4.1	10
150	Titin isoform size is not correlated with thin filament length in rat skeletal muscle. <i>Frontiers in Physiology</i> , <b>2014</b> , 5, 35	4.6	14
149	Impact of titin isoform on length dependent activation and cross-bridge cycling kinetics in rat skeletal muscle. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2013</b> , 1833, 804-11	4.9	27
148	John Gergely (1919-2013): a pillar in the muscle protein field. <i>Journal of Muscle Research and Cell Motility</i> , <b>2013</b> , 34, 441-6	3.5	
147	Rbm20 regulates titin alternative splicing as a splicing repressor. <i>Nucleic Acids Research</i> , <b>2013</b> , 41, 2659-72.1	12.1	92
146	Pathophysiological defects and transcriptional profiling in the RBM20 <sup>-/-</sup> rat model. <i>PLoS ONE</i> , <b>2013</b> , 8, e84281	3.7	32
145	Comprehensive analysis of titin protein isoform and alternative splicing in normal and mutant rats. <i>Journal of Cellular Biochemistry</i> , <b>2012</b> , 113, 1265-73	4.7	24
144	Passive mechanical properties and related proteins change with botulinum neurotoxin A injection of normal skeletal muscle. <i>Journal of Orthopaedic Research</i> , <b>2012</b> , 30, 497-502	3.8	37
143	RBM20, a gene for hereditary cardiomyopathy, regulates titin splicing. <i>Nature Medicine</i> , <b>2012</b> , 18, 766-73.0.5	30.5	337
142	Protein electrophoresis in agarose gels for separating high molecular weight proteins. <i>Methods in Molecular Biology</i> , <b>2012</b> , 869, 111-8	1.4	6
141	Magnitude of length-dependent changes in contractile properties varies with titin isoform in rat ventricles. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2012</b> , 302, H697-708	5.2	30

140	Myosin binding protein C interaction with actin: characterization and mapping of the binding site. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 2008-16	5.4	67
139	Titin diversity--alternative splicing gone wild. <i>Journal of Biomedicine and Biotechnology</i> , <b>2010</b> , 2010, 753675		78
138	Factors affecting solubilisation and oxidation of proteins during equine metmyoglobin-mediated lipid oxidation in extensively washed cod muscle. <i>Food Chemistry</i> , <b>2010</b> , 122, 1102-1110	8.5	3
137	GelBandFitter--a computer program for analysis of closely spaced electrophoretic and immunoblotted bands. <i>Electrophoresis</i> , <b>2009</b> , 30, 848-51	3.6	24
136	Efficient electroblotting of very large proteins using a vertical agarose electrophoresis system. <i>Methods in Molecular Biology</i> , <b>2009</b> , 536, 221-7	1.4	3
135	PKC phosphorylation of titin@ PEVK element: a novel and conserved pathway for modulating myocardial stiffness. <i>Circulation Research</i> , <b>2009</b> , 105, 631-8, 17 p following 638	15.7	191
134	The genome sequence of taurine cattle: a window to ruminant biology and evolution. <i>Science</i> , <b>2009</b> , 324, 522-8	33.3	863
133	Stressing the giant: a new approach to understanding dilated cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2009</b> , 47, 347-9	5.8	12
132	Vertical Agarose Electrophoresis and Electroblotting of High-Molecular-Weight Proteins. <i>Springer Protocols</i> , <b>2009</b> , 293-298	0.3	
131	High-Efficiency Blotting of High-Molecular Weight Proteins. <i>Springer Protocols</i> , <b>2009</b> , 663-671	0.3	
130	Mutation that dramatically alters rat titin isoform expression and cardiomyocyte passive tension. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2008</b> , 44, 983-91	5.8	56
129	Acceleration of crossbridge kinetics by protein kinase A phosphorylation of cardiac myosin binding protein C modulates cardiac function. <i>Circulation Research</i> , <b>2008</b> , 103, 974-82	15.7	145
128	Structural and regulatory roles of muscle ankyrin repeat protein family in skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , <b>2007</b> , 293, C218-27	5.4	72
127	Identifying constituents of whey protein concentrates that reduce the pink color defect in cooked ground turkey. <i>Meat Science</i> , <b>2007</b> , 77, 529-39	6.4	13
126	Studies on titin PEVK peptides and their interaction. <i>Archives of Biochemistry and Biophysics</i> , <b>2006</b> , 454, 16-25	4.1	12
125	Investigation of mechanisms by which sodium citrate reduces the pink color defect in cooked ground turkey. <i>Meat Science</i> , <b>2006</b> , 72, 585-95	6.4	9
124	Developmental changes in rat cardiac titin/connectin: transitions in normal animals and in mutants with a delayed pattern of isoform transition. <i>Journal of Muscle Research and Cell Motility</i> , <b>2005</b> , 26, 325-325	3.5	48
123	Muscle LIM protein plays both structural and functional roles in skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , <b>2005</b> , 289, C1312-20	5.4	45

122	Titin isoform changes in rat myocardium during development. <i>Mechanisms of Development</i> , <b>2004</b> , 121, 1301-12	1.7	84
121	Postmortem changes in myofibrillar-bound calpain 3 revealed by immunofluorescence microscopy. <i>Meat Science</i> , <b>2004</b> , 66, 231-40	6.4	11
120	Solution structure of heavy meromyosin by small-angle scattering. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 6034-40	5.4	8
119	Vertical agarose gel electrophoresis and electroblotting of high-molecular-weight proteins. <i>Electrophoresis</i> , <b>2003</b> , 24, 1695-702	3.6	230
118	Method for cardiac myosin heavy chain separation by sodium dodecyl sulfate gel electrophoresis. <i>Analytical Biochemistry</i> , <b>2003</b> , 320, 149-51	3.1	45
117	Molecular basis of passive stress relaxation in human soleus fibers: assessment of the role of immunoglobulin-like domain unfolding. <i>Biophysical Journal</i> , <b>2003</b> , 85, 3142-53	2.9	40
116	Characterization and in vivo functional analysis of splice variants of cypher. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 7360-5	5.4	71
115	Titin isoform expression in normal and hypertensive myocardium. <i>Cardiovascular Research</i> , <b>2003</b> , 59, 86-94	9.9	86
114	Species variations in cDNA sequence and exon splicing patterns in the extensible I-band region of cardiac titin: relation to passive tension <b>2003</b> , 473-482		
113	Species variations in cDNA sequence and exon splicing patterns in the extensible I-band region of cardiac titin: relation to passive tension. <i>Journal of Muscle Research and Cell Motility</i> , <b>2002</b> , 23, 473-82	3.5	27
112	Hypertrophic cardiomyopathy in cardiac myosin binding protein-C knockout mice. <i>Circulation Research</i> , <b>2002</b> , 90, 594-601	15.7	280
111	Maximal ATPase activity and calcium sensitivity of reconstituted myofilaments are unaltered by the fetal troponin T re-expressed during human heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2002</b> , 34, 797-805	5.8	7
110	Molecular mechanics of cardiac titin $\text{Q}$ PEVK and N2B spring elements. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 11549-58	5.4	113
109	Protein kinase A phosphorylates titin $\text{Q}$ cardiac-specific N2B domain and reduces passive tension in rat cardiac myocytes. <i>Circulation Research</i> , <b>2002</b> , 90, 1181-8	15.7	244
108	Thermal properties of titin from porcine and bovine muscles. <i>Meat Science</i> , <b>2002</b> , 62, 187-92	6.4	31
107	Identification of new repeating motifs in titin. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2001</b> , 43, 145-9	4.2	77
106	Pulse electrophoresis of muscle myosin heavy chains in sodium dodecyl sulfate-polyacrylamide gels. <i>Analytical Biochemistry</i> , <b>2001</b> , 291, 229-36	3.1	16
105	Kinetic differences in cardiac myosins with identical loop 1 sequences. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 4409-15	5.4	29

104	Titin-actin interaction in mouse myocardium: passive tension modulation and its regulation by calcium/S100A1. <i>Biophysical Journal</i> , <b>2001</b> , 81, 2297-313	2.9	183
103	Filamin isogene expression during mouse myogenesis. <i>Developmental Dynamics</i> , <b>2000</b> , 217, 99-108	2.9	16
102	Motor proteins regulate force interactions between microtubules and microfilaments in the axon. <i>Nature Cell Biology</i> , <b>2000</b> , 2, 276-80	23.4	147
101	Binding of filamin isoforms to myofibrils. <i>Journal of Muscle Research and Cell Motility</i> , <b>2000</b> , 21, 321-33	3.5	14
100	From connecting filaments to co-expression of titin isoforms. <i>Advances in Experimental Medicine and Biology</i> , <b>2000</b> , 481, 405-18	3.6	10
99	Sequence and mechanical implications of titin@PEVK region. <i>Advances in Experimental Medicine and Biology</i> , <b>2000</b> , 481, 53-63; discussion 64-6, 107-10	3.6	14
98	PSE-LIKE SYNDROME IN BREAST MUSCLE OF DOMESTIC TURKEYS: A REVIEW. <i>Journal of Muscle Foods</i> , <b>1998</b> , 9, 13-23		57
97	A RESEARCH NOTE THE EFFECTS OF PRERIGOR SODIUM BICARBONATE PERFUSION ON THE QUALITY OF PORCINE M. SEMIMEMBRANOSUS. <i>Journal of Muscle Foods</i> , <b>1998</b> , 9, 185-191		11
96	PEVK extension of human soleus muscle titin revealed by immunolabeling with the anti-titin antibody 9D10. <i>Journal of Structural Biology</i> , <b>1998</b> , 122, 188-96	3.4	65
95	Titin extensibility in situ: entropic elasticity of permanently folded and permanently unfolded molecular segments. <i>Journal of Cell Biology</i> , <b>1998</b> , 140, 853-9	7.3	205
94	Can pale, soft, exudative pork be prevented by postmortem sodium bicarbonate injection?. <i>Journal of Animal Science</i> , <b>1998</b> , 76, 3010-5	0.7	49
93	Myogenin, MyoD, and myosin expression after pharmacologically and surgically induced hypertrophy. <i>Journal of Applied Physiology</i> , <b>1998</b> , 84, 1359-64	3.7	65
92	Effect of postmortem storage on the Z-line region of titin in bovine muscle. <i>Journal of Animal Science</i> , <b>1998</b> , 76, 1034-44	0.7	22
91	Characteristics of troponin C binding to the myofibrillar thin filament: extraction of troponin C is not random along the length of the thin filament. <i>Biophysical Journal</i> , <b>1997</b> , 73, 293-305	2.9	24
90	Muscle protein changes post mortem in relation to pork quality traits. <i>Meat Science</i> , <b>1997</b> , 45, 339-52	6.4	250
89	Interaction between titin and thin filaments in intact cardiac muscle. <i>Journal of Muscle Research and Cell Motility</i> , <b>1997</b> , 18, 345-51	3.5	44
88	Uranyl acetate as a primary fixative for skeletal muscle. <i>Microscopy Research and Technique</i> , <b>1997</b> , 37, 600-1	2.8	1
87	Altered kinetics of contraction in skeletal muscle fibers containing a mutant myosin regulatory light chain with reduced divalent cation binding. <i>Biophysical Journal</i> , <b>1996</b> , 71, 341-50	2.9	40

86	Calcium alone does not fully activate the thin filament for S1 binding to rigor myofibrils. <i>Biophysical Journal</i> , <b>1996</b> , 71, 1891-904	2.9	76
85	cDNA sequence of rabbit cardiac titin/ connectin. <i>Advances in Biophysics</i> , <b>1996</b> , 33, 13-25		6
84	X-ray structures of Mn, Cd and Tb metal complexes of troponin C. <i>Acta Crystallographica Section D: Biological Crystallography</i> , <b>1996</b> , 52, 916-22		17
83	Primary structure of the kinase domain region of rabbit skeletal and cardiac muscle titin. <i>Journal of Muscle Research and Cell Motility</i> , <b>1996</b> , 17, 343-8	3.5	6
82	Myofibrillar calcium sensitivity of isometric tension is increased in human dilated cardiomyopathies: role of altered beta-adrenergically mediated protein phosphorylation. <i>Journal of Clinical Investigation</i> , <b>1996</b> , 98, 167-76	15.9	167
81	Localization of metmyoglobin-reducing enzyme (NADH-cytochrome b(5) reductase) system components in bovine skeletal muscle. <i>Meat Science</i> , <b>1995</b> , 39, 205-13	6.4	70
80	Effects of a non-divalent cation binding mutant of myosin regulatory light chain on tension generation in skinned skeletal muscle fibers. <i>Biophysical Journal</i> , <b>1995</b> , 68, 1443-52	2.9	31
79	Structure of chicken skeletal muscle troponin C at 1.78 A resolution. <i>Acta Crystallographica Section D: Biological Crystallography</i> , <b>1994</b> , 50, 40-9		28
78	Isolation and characterization of titin T1 from bovine cardiac muscle. <i>Biochemistry</i> , <b>1994</b> , 33, 8255-61	3.2	20
77	Beta-adrenergic receptor stimulation increases unloaded shortening velocity of skinned single ventricular myocytes from rats. <i>Circulation Research</i> , <b>1994</b> , 74, 542-9	15.7	148
76	Structural studies of rigor bovine myofibrils using fluorescence microscopy. I. Procedures for purification and modification of bovine muscle proteins for use in fluorescence microscopy. <i>Meat Science</i> , <b>1993</b> , 33, 139-55	6.4	6
75	Structural studies of rigor bovine myofibrils using fluorescence microscopy. II. Influence of sarcomere length on the binding of myosin subfragment-1, alpha-actinin and G-actin to rigor myofibrils. <i>Meat Science</i> , <b>1993</b> , 33, 157-90	6.4	22
74	Titin content of beef in relation to tenderness. <i>Meat Science</i> , <b>1993</b> , 33, 41-50	6.4	34
73	Partial titin cDNA sequence isolated from rabbit cardiac muscle RNA. <i>Journal of Muscle Research and Cell Motility</i> , <b>1993</b> , 14, 347-50	3.5	7
72	Characterization of a partial cDNA clone encoding porcine skeletal muscle titin: comparison with rabbit and mouse skeletal muscle titin sequences. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , <b>1993</b> , 105, 357-60		5
71	Developmental changes in troponin T isoform expression and tension production in chicken single skeletal muscle fibres. <i>Journal of Physiology</i> , <b>1992</b> , 449, 573-88	3.9	61
70	COOKING EFFECTS ON TITIN IN FRESH AND PROCESSED BEEF PRODUCTS. <i>Journal of Muscle Foods</i> , <b>1992</b> , 3, 133-140		9
69	C-protein limits shortening velocity of rabbit skeletal muscle fibres at low levels of Ca <sup>2+</sup> activation. <i>Journal of Physiology</i> , <b>1991</b> , 439, 701-15	3.9	94

68	Chicken cardiac myofibrillogenesis studied with antibodies specific for titin and the muscle and nonmuscle isoforms of actin and tropomyosin. <i>Cell and Tissue Research</i> , <b>1991</b> , 263, 419-30	4.2	66
67	Changes in Titin and Nebulin in Postmortem Bovine Muscle Revealed by Gel Electrophoresis, Western Blotting and Immunofluorescence Microscopy. <i>Journal of Food Science</i> , <b>1991</b> , 56, 607-610	3.4	80
66	EVALUATION OF MEAT PRODUCTS BY FLUORESCENCE MICROSCOPY. <i>Journal of Muscle Foods</i> , <b>1991</b> , 2, 57-63		
65	A novel 3Q extension technique using random primers in RNA-PCR. <i>Nucleic Acids Research</i> , <b>1991</b> , 19, 3747-3751	20.1	25
64	Distribution of capillaries in normal and ischemic turkey skeletal muscle. <i>Poultry Science</i> , <b>1991</b> , 70, 343-83	9	15
63	Histopathological and ultrastructural alterations of turkey skeletal muscle. <i>Poultry Science</i> , <b>1991</b> , 70, 349-57	3.9	28
62	Substitution of cardiac troponin C into rabbit muscle does not alter the length dependence of Ca <sup>2+</sup> sensitivity of tension. <i>Journal of Physiology</i> , <b>1991</b> , 440, 273-89	3.9	49
61	Confocal Scanning Optical Microscopy of Meat Products. <i>Journal of Food Science</i> , <b>1990</b> , 55, 1751-1752	3.4	5
60	Effects of partial extraction of light chain 2 on the Ca <sup>2+</sup> sensitivities of isometric tension, stiffness, and velocity of shortening in skinned skeletal muscle fibers. <i>Journal of General Physiology</i> , <b>1990</b> , 95, 477-98	3.4	73
59	Regulation of binding of subfragment 1 in isolated rigor myofibrils. <i>Journal of Cell Biology</i> , <b>1990</b> , 111, 2989-3001	7.3	36
58	Variations in cross-bridge attachment rate and tension with phosphorylation of myosin in mammalian skinned skeletal muscle fibers. Implications for twitch potentiation in intact muscle. <i>Journal of General Physiology</i> , <b>1989</b> , 93, 855-83	3.4	248
57	Incidence of microscopically detectable degenerative characteristics in skeletal muscle of turkey. <i>British Poultry Science</i> , <b>1989</b> , 30, 69-80	1.9	20
56	Factors affecting polyacrylamide gel electrophoresis and electroblotting of high-molecular-weight myofibrillar proteins. <i>Analytical Biochemistry</i> , <b>1989</b> , 180, 205-10	3.1	217
55	Reaction of nitrite with ascorbic acid and its significant role in nitrite-cured food. <i>Meat Science</i> , <b>1989</b> , 26, 141-53	6.4	36
54	Skeletal muscle myofibrillogenesis as revealed with a monoclonal antibody to titin in combination with detection of the alpha- and gamma-isoforms of actin. <i>Developmental Biology</i> , <b>1989</b> , 132, 35-44	3.1	43
53	Molecular Interactions of Contractile Proteins <b>1989</b> , 181-200		
52	Change in Titin Position in Postmortem Bovine Muscle. <i>Journal of Food Science</i> , <b>1988</b> , 53, 276-277	3.4	13
51	Reduction of Metmyoglobin by Extracts of Bovine Liver and Cardiac Muscle. <i>Journal of Food Science</i> , <b>1988</b> , 53, 1065-1067	3.4	26

50	Myosin heavy chain composition of single cells from avian slow skeletal muscle is strongly correlated with velocity of shortening during development. <i>Developmental Biology</i> , <b>1988</b> , 129, 400-7	3.1	73
49	Studies on cardiac myofibrillogenesis with antibodies to titin, actin, tropomyosin, and myosin. <i>Journal of Cell Biology</i> , <b>1988</b> , 107, 1075-83	7.3	140
48	Variations in contractile properties of rabbit single muscle fibres in relation to troponin T isoforms and myosin light chains. <i>Journal of Physiology</i> , <b>1988</b> , 406, 85-98	3.9	171
47	Rat and avian myofibers having similar innervation share antigenic determinants. <i>Journal of Animal Science</i> , <b>1988</b> , 66, 814-8	0.7	3
46	Refined structure of chicken skeletal muscle troponin C in the two-calcium state at 2-A resolution. <i>Journal of Biological Chemistry</i> , <b>1988</b> , 263, 1628-47	5.4	169
45	Refined structure of chicken skeletal muscle troponin C in the two-calcium state at 2-A resolution.. <i>Journal of Biological Chemistry</i> , <b>1988</b> , 263, 1628-1647	5.4	214
44	The effects of curing and cooking on the detection of species origin of meat products by competitive and indirect ELISA techniques. <i>Meat Science</i> , <b>1987</b> , 20, 253-65	6.4	18
43	THE MOLECULAR STRUCTURE OF THE MAGNESIUM COMPLEX OF CHICKEN SKELETAL TROPONIN-C <b>1987</b> , 385-387		
42	Effects of partial extraction of troponin complex upon the tension-pCa relation in rabbit skeletal muscle. Further evidence that tension development involves cooperative effects within the thin filament. <i>Journal of General Physiology</i> , <b>1986</b> , 87, 761-74	3.4	65
41	Stabilization of the long central helix of troponin C by intrahelical salt bridges between charged amino acid side chains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1985</b> , 82, 7944-7	11.5	82
40	Immunocytochemical studies using a monoclonal antibody to bovine cardiac titin on intact and extracted myofibrils. <i>Journal of Muscle Research and Cell Motility</i> , <b>1985</b> , 6, 293-312	3.5	103
39	Molecular structure of troponin C from chicken skeletal muscle at 3Å resolution. <i>Journal of Biosciences</i> , <b>1985</b> , 8, 451-460	2.3	2
38	Rate Constant and Activation Energy for Formation of a Nitrosoascorbic Acid Intermediate Compound. <i>Journal of Food Protection</i> , <b>1985</b> , 48, 346-350	2.5	1
37	Molecular structure of troponin C from chicken skeletal muscle at 3-angstrom resolution. <i>Science</i> , <b>1985</b> , 227, 945-8	33.3	352
36	The effects of partial extraction of TnC upon the tension-pCa relationship in rabbit skinned skeletal muscle fibers. <i>Journal of General Physiology</i> , <b>1985</b> , 86, 585-600	3.4	121
35	Analytical isoelectric focusing using a high-voltage vertical slab polyacrylamide gel system. <i>Analytical Biochemistry</i> , <b>1984</b> , 142, 421-36	3.1	80
34	Iodination of myofibrils and myosin. <i>Journal of Muscle Research and Cell Motility</i> , <b>1984</b> , 5, 665-76	3.5	1
33	Improved methodology for analysis and quantitation of proteins on one-dimensional silver-stained slab gels. <i>Analytical Biochemistry</i> , <b>1983</b> , 129, 277-87	3.1	373



32	Flexibility of light meromyosin and other coiled-coil helical proteins. <i>Macromolecules</i> , <b>1983</b> , 16, 740-745	5.5	41
31	Quantitative determination of myosin and actin in rabbit skeletal muscle. <i>Journal of Molecular Biology</i> , <b>1983</b> , 168, 123-41	6.5	222
30	Alterations in the Ca <sup>2+</sup> sensitivity of tension development by single skeletal muscle fibers at stretched lengths. <i>Biophysical Journal</i> , <b>1983</b> , 43, 115-9	2.9	88
29	Effects of EDTA treatment upon the protein subunit composition and mechanical properties of mammalian single skeletal muscle fibers. <i>Journal of Cell Biology</i> , <b>1983</b> , 96, 970-8	7.3	40
28	Lability and Reactivity of Nonheme Protein-Bound Nitrite. <i>Journal of Food Science</i> , <b>1983</b> , 48, 1204-1207	3.4	13
27	A simple, sensitive enzymatic method for quantitation of soya proteins in soya-meat blends. <i>Meat Science</i> , <b>1982</b> , 7, 109-16	6.4	5
26	Flexibility of myosin rod determined from dilute solution viscoelastic measurements. <i>Biochemistry</i> , <b>1982</b> , 21, 4064-73	3.2	74
25	Reaction of Nitrite and Cytochrome c in the Presence or Absence of Ascorbate. <i>Journal of Food Science</i> , <b>1982</b> , 47, 1419-1422	3.4	8
24	Purification of skeletal-muscle mitochondria by density-gradient centrifugation with Percoll. <i>Analytical Biochemistry</i> , <b>1980</b> , 109, 255-60	3.1	50
23	REACTION OF NITRITE WITH TRYPTOPHYL RESIDUES OF PROTEIN. <i>Journal of Food Science</i> , <b>1979</b> , 44, 1144-1146	3.4	4
22	Cardiac tropomyosin crystals and their interactions with troponin subunits. <i>Journal of Molecular Biology</i> , <b>1979</b> , 131, 663-7	6.5	1
21	SEPARATION OF WATER-SOLUBLE REACTION PRODUCTS OF NITRITE IN CURED MEAT. <i>Journal of Food Science</i> , <b>1978</b> , 43, 638-640	3.4	3
20	SIGNIFICANCE OF THE REACTION OF NITRITE WITH TRYPTOPHAN. <i>Journal of Food Science</i> , <b>1978</b> , 43, 1857-1860	3.4	11
19	Infinite-Dilution Viscoelastic Properties of Myosin. <i>Macromolecules</i> , <b>1978</b> , 11, 1239-1242	5.5	24
18	Viscoelastic properties of very dilute paramyosin solutions. <i>Macromolecules</i> , <b>1977</b> , 10, 978-80	5.5	15
17	Crystal forms of alpha2-tropomyosin. <i>Journal of Molecular Biology</i> , <b>1977</b> , 116, 883-90	6.5	5
16	The native subunit pattern of tropomyosin. <i>FEBS Letters</i> , <b>1976</b> , 72, 11-4	3.8	18
15	THE FATE OF NITRITE: REACTION WITH PROTEIN. <i>Journal of Food Science</i> , <b>1976</b> , 41, 585-588	3.4	42

14	QUANTITATIVE DETERMINATION OF SOYBEAN PROTEIN IN FRESH AND COOKED MEAT-SOY BLENDS. <i>Journal of Food Science</i> , <b>1975</b> , 40, 380-383	3-4	39
13	Interactions of troponin subunits with different forms of tropomyosin. <i>Journal of Ultrastructure Research</i> , <b>1974</b> , 48, 33-58		66
12	REACTION OF NITRITE WITH SULFHYDRYL GROUPS OF MYOSIN. <i>Journal of Food Science</i> , <b>1974</b> , 39, 1228-1230	3-4	29
11	Sensitivity of the Na efflux in barnacle muscle fibres to the microinjection of troponin-C. <i>Experientia</i> , <b>1973</b> , 29, 1503-4		1
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7	STUDIES ON NUCLEOTIDE METABOLISM IN PORCINE LONGISSIMUS MUSCLE POSTMORTEM. <i>Journal of Food Science</i> , <b>1972</b> , 37, 612-617	3-4	27
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3	Purification and ultrastructural properties of the calcium accumulating membranes in isolated sarcoplasmic reticulum preparations from skeletal muscle. <i>Journal of Cellular Physiology</i> , <b>1969</b> , 74, 37-50 <sup>7</sup>		45
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