Marion L Greaser

List of Publications by Citations

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	The genome sequence of taurine cattle: a window to ruminant biology and evolution. *Science*, **2009**, 324, 522-8	33.3	863
156	Improved methodology for analysis and quantitation of proteins on one-dimensional silver-stained slab gels. *Analytical Biochemistry*, **1983**, 129, 277-87	3.1	373
155	Molecular structure of troponin C from chicken skeletal muscle at 3-angstrom resolution. *Science*, **1985**, 227, 945-8	33.3	352
154	RBM20, a gene for hereditary cardiomyopathy, regulates titin splicing. *Nature Medicine*, **2012**, 18, 766-73	30.5	337
153	Hypertrophic cardiomyopathy in cardiac myosin binding protein-C knockout mice. *Circulation Research*, **2002**, 90, 594-601	15.7	280
152	Muscle protein changes post mortem in relation to pork quality traits. *Meat Science*, **1997**, 45, 339-52	6.4	250
151	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. *Journal of General Physiology*, **1989**, 93, 855-83	3.4	248
150	Protein kinase A phosphorylates titin's cardiac-specific N2B domain and reduces passive tension in rat cardiac myocytes. *Circulation Research*, **2002**, 90, 1181-8	15.7	244
149	Vertical agarose gel electrophoresis and electroblotting of high-molecular-weight proteins. *Electrophoresis*, **2003**, 24, 1695-702	3.6	230
148	Purification and Properties of the Components from Troponin. *Journal of Biological Chemistry*, **1973**, 248, 2125-2133	5.4	223
147	Quantitative determination of myosin and actin in rabbit skeletal muscle. *Journal of Molecular Biology*, **1983**, 168, 123-41	6.5	222
146	Factors affecting polyacrylamide gel electrophoresis and electroblotting of high-molecular-weight myofibrillar proteins. *Analytical Biochemistry*, **1989**, 180, 205-10	3.1	217
145	Refined structure of chicken skeletal muscle troponin C in the two-calcium state at 2-A resolution.. *Journal of Biological Chemistry*, **1988**, 263, 1628-1647	5.4	214
144	Titin extensibility in situ: entropic elasticity of permanently folded and permanently unfolded molecular segments. *Journal of Cell Biology*, **1998**, 140, 853-9	7.3	205
143	PKC phosphorylation of titin's PEVK element: a novel and conserved pathway for modulating myocardial stiffness. *Circulation Research*, **2009**, 105, 631-8, 17 p following 638	15.7	191
142	Titin-actin interaction in mouse myocardium: passive tension modulation and its regulation by calcium/S100A1. *Biophysical Journal*, **2001**, 81, 2297-313	2.9	183
141	Variations in contractile properties of rabbit single muscle fibres in relation to troponin T isoforms and myosin light chains. *Journal of Physiology*, **1988**, 406, 85-98	3.9	171

140	Refined structure of chicken skeletal muscle troponin C in the two-calcium state at 2-A resolution. *Journal of Biological Chemistry*, **1988**, 263, 1628-47	5.4	169
139	Myofibrillar calcium sensitivity of isometric tension is increased in human dilated cardiomyopathies: role of altered beta-adrenergically mediated protein phosphorylation. *Journal of Clinical Investigation*, **1996**, 98, 167-76	15.9	167
138	Beta-adrenergic receptor stimulation increases unloaded shortening velocity of skinned single ventricular myocytes from rats. *Circulation Research*, **1994**, 74, 542-9	15.7	148
137	Motor proteins regulate force interactions between microtubules and microfilaments in the axon. *Nature Cell Biology*, **2000**, 2, 276-80	23.4	147
136	Acceleration of crossbridge kinetics by protein kinase A phosphorylation of cardiac myosin binding protein C modulates cardiac function. *Circulation Research*, **2008**, 103, 974-82	15.7	145
135	Studies on cardiac myofibrillogenesis with antibodies to titin, actin, tropomyosin, and myosin. *Journal of Cell Biology*, **1988**, 107, 1075-83	7.3	140
134	The effects of partial extraction of TnC upon the tension-pCa relationship in rabbit skinned skeletal muscle fibers. *Journal of General Physiology*, **1985**, 86, 585-600	3.4	121
133	Molecular mechanics of cardiac titin© PEVK and N2B spring elements. *Journal of Biological Chemistry*, **2002**, 277, 11549-58	5.4	113
132	Immunocytochemical studies using a monoclonal antibody to bovine cardiac titin on intact and extracted myofibrils. *Journal of Muscle Research and Cell Motility*, **1985**, 6, 293-312	3.5	103
131	Titin strain contributes to the Frank-Starling law of the heart by structural rearrangements of both thin- and thick-filament proteins. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 2306-11	11.5	95
130	C-protein limits shortening velocity of rabbit skeletal muscle fibres at low levels of Ca2+ activation. *Journal of Physiology*, **1991**, 439, 701-15	3.9	94
129	Rbm20 regulates titin alternative splicing as a splicing repressor. *Nucleic Acids Research*, **2013**, 41, 2659-72	10.1	92
128	Alterations in the Ca2+ sensitivity of tension development by single skeletal muscle fibers at stretched lengths. *Biophysical Journal*, **1983**, 43, 115-9	2.9	88
127	Titin isoform expression in normal and hypertensive myocardium. *Cardiovascular Research*, **2003**, 59, 86-94	9.9	86
126	Titin isoform changes in rat myocardium during development. *Mechanisms of Development*, **2004**, 121, 1301-12	1.7	84
125	Stabilization of the long central helix of troponin C by intrahelical salt bridges between charged amino acid side chains. *Proceedings of the National Academy of Sciences of the United States of America*, **1985**, 82, 7944-7	11.5	82
124	Changes in Titin and Nebulin in Postmortem Bovine Muscle Revealed by Gel Electrophoresis, Western Blotting and Immunofluorescence Microscopy. *Journal of Food Science*, **1991**, 56, 607-610	3.4	80
123	Analytical isoelectric focusing using a high-voltage vertical slab polyacrylamide gel system. *Analytical Biochemistry*, **1984**, 142, 421-36	3.1	80

122	Titin diversity--alternative splicing gone wild. *Journal of Biomedicine and Biotechnology*, **2010**, 2010, 753675		78
121	Identification of new repeating motifs in titin. *Proteins: Structure, Function and Bioinformatics*, **2001**, 43, 145-9	4.2	77
120	Calcium alone does not fully activate the thin filament for S1 binding to rigor myofibrils. *Biophysical Journal*, **1996**, 71, 1891-904	2.9	76
119	Flexibility of myosin rod determined from dilute solution viscoelastic measurements. *Biochemistry*, **1982**, 21, 4064-73	3.2	74
118	Effects of partial extraction of light chain 2 on the Ca2+ sensitivities of isometric tension, stiffness, and velocity of shortening in skinned skeletal muscle fibers. *Journal of General Physiology*, **1990**, 95, 477-98	3.4	73
117	Myosin heavy chain composition of single cells from avian slow skeletal muscle is strongly correlated with velocity of shortening during development. *Developmental Biology*, **1988**, 129, 400-7	3.1	73
116	Structural and regulatory roles of muscle ankyrin repeat protein family in skeletal muscle. *American Journal of Physiology - Cell Physiology*, **2007**, 293, C218-27	5.4	72
115	Characterization and in vivo functional analysis of splice variants of cypher. *Journal of Biological Chemistry*, **2003**, 278, 7360-5	5.4	71
114	Localization of metmyoglobin-reducing enzyme (NADH-cytochrome b(5) reductase) system components in bovine skeletal muscle. *Meat Science*, **1995**, 39, 205-13	6.4	70
113	Post-Mortem Changes in Subcellular Fractions from Normal and Pale, Soft, Exudative Porcine Muscle. 1. Calcium Accumulation and Adenosine Triphosphatase Activities. *Journal of Food Science*, **1969**, 34, 120-124	3.4	68
112	Myosin binding protein C interaction with actin: characterization and mapping of the binding site. *Journal of Biological Chemistry*, **2011**, 286, 2008-16	5.4	67
111	Troponin Subunits and Their Interactions. *Cold Spring Harbor Symposia on Quantitative Biology*, **1973**, 37, 235-244	3.9	67
110	Chicken cardiac myofibrillogenesis studied with antibodies specific for titin and the muscle and nonmuscle isoforms of actin and tropomyosin. *Cell and Tissue Research*, **1991**, 263, 419-30	4.2	66
109	Interactions of troponin subunits with different forms of tropomyosin. *Journal of Ultrastructure Research*, **1974**, 48, 33-58		66
108	PEVK extension of human soleus muscle titin revealed by immunolabeling with the anti-titin antibody 9D10. *Journal of Structural Biology*, **1998**, 122, 188-96	3.4	65
107	Myogenin, MyoD, and myosin expression after pharmacologically and surgically induced hypertrophy. *Journal of Applied Physiology*, **1998**, 84, 1359-64	3.7	65
106	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. *Journal of General Physiology*, **1986**, 87, 761-74	3.4	65
105	Developmental changes in troponin T isoform expression and tension production in chicken single skeletal muscle fibres. *Journal of Physiology*, **1992**, 449, 573-88	3.9	61

104	PSE-LIKE SYNDROME IN BREAST MUSCLE OF DOMESTIC TURKEYS: A REVIEW. *Journal of Muscle Foods*, **1998**, 9, 13-23		57
103	Mutation that dramatically alters rat titin isoform expression and cardiomyocyte passive tension. *Journal of Molecular and Cellular Cardiology*, **2008**, 44, 983-91	5.8	56
102	Electron Microscopy of a Meat Emulsion. *Journal of Food Science*, **1967**, 32, 419-421	3.4	51
101	Purification of skeletal-muscle mitochondria by density-gradient centrifugation with Percoll. *Analytical Biochemistry*, **1980**, 109, 255-60	3.1	50
100	Can pale, soft, exudative pork be prevented by postmortem sodium bicarbonate injection?. *Journal of Animal Science*, **1998**, 76, 3010-5	0.7	49
99	Substitution of cardiac troponin C into rabbit muscle does not alter the length dependence of Ca2+ sensitivity of tension. *Journal of Physiology*, **1991**, 440, 273-89	3.9	49
98	Developmental changes in rat cardiac titin/connectin: transitions in normal animals and in mutants with a delayed pattern of isoform transition. *Journal of Muscle Research and Cell Motility*, **2005**, 26, 325-32	2.5	48
97	Method for cardiac myosin heavy chain separation by sodium dodecyl sulfate gel electrophoresis. *Analytical Biochemistry*, **2003**, 320, 149-51	3.1	45
96	Muscle LIM protein plays both structural and functional roles in skeletal muscle. *American Journal of Physiology - Cell Physiology*, **2005**, 289, C1312-20	5.4	45
95	Purification and ultrastructural properties of the calcium accumulating membranes in isolated sarcoplasmic reticulum preparations from skeletal muscle. *Journal of Cellular Physiology*, **1969**, 74, 37-50	7	45
94	Interaction between titin and thin filaments in intact cardiac muscle. *Journal of Muscle Research and Cell Motility*, **1997**, 18, 345-51	3.5	44
93	Skeletal muscle myofibrillogenesis as revealed with a monoclonal antibody to titin in combination with detection of the alpha- and gamma-isoforms of actin. *Developmental Biology*, **1989**, 132, 35-44	3.1	43
92	THE FATE OF NITRITE: REACTION WITH PROTEIN. *Journal of Food Science*, **1976**, 41, 585-588	3.4	42
91	Flexibility of light meromyosin and other coiled-coil α-helical proteins. *Macromolecules*, **1983**, 16, 740-745	5.5	41
90	Molecular basis of passive stress relaxation in human soleus fibers: assessment of the role of immunoglobulin-like domain unfolding. *Biophysical Journal*, **2003**, 85, 3142-53	2.9	40
89	Altered kinetics of contraction in skeletal muscle fibers containing a mutant myosin regulatory light chain with reduced divalent cation binding. *Biophysical Journal*, **1996**, 71, 341-50	2.9	40
88	Effects of EDTA treatment upon the protein subunit composition and mechanical properties of mammalian single skeletal muscle fibers. *Journal of Cell Biology*, **1983**, 96, 970-8	7.3	40
87	QUANTITATIVE DETERMINATION OF SOYBEAN PROTEIN IN FRESH AND COOKED MEAT-SOY BLENDS. *Journal of Food Science*, **1975**, 40, 380-383	3.4	39

86	The Effect of pH-Temperature Treatments on the Calcium Accumulating Ability of Purified Sarcoplasmic Reticulum. *Journal of Food Science*, **1969**, 34, 633-637	3.4	39
85	Passive mechanical properties and related proteins change with botulinum neurotoxin A injection of normal skeletal muscle. *Journal of Orthopaedic Research*, **2012**, 30, 497-502	3.8	37
84	Reaction of nitrite with ascorbic acid and its significant role in nitrite-cured food. *Meat Science*, **1989**, 26, 141-53	6.4	36
83	Regulation of binding of subfragment 1 in isolated rigor myofibrils. *Journal of Cell Biology*, **1990**, 111, 2989-3001	7.3	36
82	Titin content of beef in relation to tenderness. *Meat Science*, **1993**, 33, 41-50	6.4	34
81	Post-Mortem Changes in Subcelllular Fractions from Normal and Pale, Soft, Exudative Porcine Muscle. 2. Electron Microscopy.. *Journal of Food Science*, **1969**, 34, 125-132	3.4	33
80	Pathophysiological defects and transcriptional profiling in the RBM20-/- rat model. *PLoS ONE*, **2013**, 8, e84281	3.7	32
79	Thermal properties of titin from porcine and bovine muscles. *Meat Science*, **2002**, 62, 187-92	6.4	31
78	Effects of a non-divalent cation binding mutant of myosin regulatory light chain on tension generation in skinned skeletal muscle fibers. *Biophysical Journal*, **1995**, 68, 1443-52	2.9	31
77	Magnitude of length-dependent changes in contractile properties varies with titin isoform in rat ventricles. *American Journal of Physiology - Heart and Circulatory Physiology*, **2012**, 302, H697-708	5.2	30
76	Kinetic differences in cardiac myosins with identical loop 1 sequences. *Journal of Biological Chemistry*, **2001**, 276, 4409-15	5.4	29
75	REACTION OF NITRITE WITH SULFHYDRYL GROUPS OF MYOSIN. *Journal of Food Science*, **1974**, 39, 1228-1230	3.4	29
74	Structure of chicken skeletal muscle troponin C at 1.78 A resolution. *Acta Crystallographica Section D: Biological Crystallography*, **1994**, 50, 40-9		28
73	Histopathological and ultrastructural alterations of turkey skeletal muscle. *Poultry Science*, **1991**, 70, 349-57	3.9	28
72	Impact of titin isoform on length dependent activation and cross-bridge cycling kinetics in rat skeletal muscle. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2013**, 1833, 804-11	4.9	27
71	Species variations in cDNA sequence and exon splicing patterns in the extensible I-band region of cardiac titin: relation to passive tension. *Journal of Muscle Research and Cell Motility*, **2002**, 23, 473-82	3.5	27
70	STUDIES ON NUCLEOTIDE METABOLISM IN PORCINE LONGISSIMUS MUSCLE POSTMORTEM. *Journal of Food Science*, **1972**, 37, 612-617	3.4	27
69	Reduction of Metmyoglobin by Extracts of Bovine Liver and Cardiac Muscle. *Journal of Food Science*, **1988**, 53, 1065-1067	3.4	26

68	A novel 3Q extension technique using random primers in RNA-PCR. *Nucleic Acids Research*, **1991**, 19, 3747	20.1	25
67	Comprehensive analysis of titin protein isoform and alternative splicing in normal and mutant rats. *Journal of Cellular Biochemistry*, **2012**, 113, 1265-73	4.7	24
66	GelBandFitter--a computer program for analysis of closely spaced electrophoretic and immunoblotted bands. *Electrophoresis*, **2009**, 30, 848-51	3.6	24
65	Characteristics of troponin C binding to the myofibrillar thin filament: extraction of troponin C is not random along the length of the thin filament. *Biophysical Journal*, **1997**, 73, 293-305	2.9	24
64	Infinite-Dilution Viscoelastic Properties of Myosin. *Macromolecules*, **1978**, 11, 1239-1242	5.5	24
63	Effect of postmortem storage on the Z-line region of titin in bovine muscle. *Journal of Animal Science*, **1998**, 76, 1034-44	0.7	22
62	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. *Meat Science*, **1993**, 33, 157-90	6.4	22
61	Isolation and characterization of titin T1 from bovine cardiac muscle. *Biochemistry*, **1994**, 33, 8255-61	3.2	20
60	Incidence of microscopically detectable degenerative characteristics in skeletal muscle of turkey. *British Poultry Science*, **1989**, 30, 69-80	1.9	20
59	Splicing Factor RBM20 Regulates Transcriptional Network of Titin Associated and Calcium Handling Genes in The Heart. *International Journal of Biological Sciences*, **2018**, 14, 369-380	11.2	18
58	The effects of curing and cooking on the detection of species origin of meat products by competitive and indirect ELISA techniques. *Meat Science*, **1987**, 20, 253-65	6.4	18
57	The native subunit pattern of tropomyosin. *FEBS Letters*, **1976**, 72, 11-4	3.8	18
56	X-ray structures of Mn, Cd and Tb metal complexes of troponin C. *Acta Crystallographica Section D: Biological Crystallography*, **1996**, 52, 916-22		17
55	Pulse electrophoresis of muscle myosin heavy chains in sodium dodecyl sulfate-polyacrylamide gels. *Analytical Biochemistry*, **2001**, 291, 229-36	3.1	16
54	Filamin isogene expression during mouse myogenesis. *Developmental Dynamics*, **2000**, 217, 99-108	2.9	16
53	Distribution of capillaries in normal and ischemic turkey skeletal muscle. *Poultry Science*, **1991**, 70, 343-8	3.9	15
52	Viscoelastic properties of very dilute paramyosin solutions. *Macromolecules*, **1977**, 10, 978-80	5.5	15
51	Changes in oxalate-stimulated calcium accumulation in particulate fractions from post-mortem muscle. *Journal of Agricultural and Food Chemistry*, **1967**, 15, 1112-1117	5.7	15

50	Titin isoform size is not correlated with thin filament length in rat skeletal muscle. *Frontiers in Physiology*, **2014**, 5, 35	4.6	14
49	Binding of filamin isoforms to myofibrils. *Journal of Muscle Research and Cell Motility*, **2000**, 21, 321-33	3.5	14
48	Sequence and mechanical implications of titin PEVK region. *Advances in Experimental Medicine and Biology*, **2000**, 481, 53-63; discussion 64-6, 107-10	3.6	14
47	Identifying constituents of whey protein concentrates that reduce the pink color defect in cooked ground turkey. *Meat Science*, **2007**, 77, 529-39	6.4	13
46	Change in Titin Position in Postmortem Bovine Muscle. *Journal of Food Science*, **1988**, 53, 276-277	3.4	13
45	Lability and Reactivity of Nonheme Protein-Bound Nitrite. *Journal of Food Science*, **1983**, 48, 1204-1207	3.4	13
44	Stressing the giant: a new approach to understanding dilated cardiomyopathy. *Journal of Molecular and Cellular Cardiology*, **2009**, 47, 347-9	5.8	12
43	Studies on titin PEVK peptides and their interaction. *Archives of Biochemistry and Biophysics*, **2006**, 454, 16-25	4.1	12
42	A RESEARCH NOTE THE EFFECTS OF PRERIGOR SODIUM BICARBONATE PERFUSION ON THE QUALITY OF PORCINE M. SEMIMEMBRANOSUS. *Journal of Muscle Foods*, **1998**, 9, 185-191		11
41	Postmortem changes in myofibrillar-bound calpain 3 revealed by immunofluorescence microscopy. *Meat Science*, **2004**, 66, 231-40	6.4	11
40	SIGNIFICANCE OF THE REACTION OF NITRITE WITH TRYPTOPHAN. *Journal of Food Science*, **1978**, 43, 1857-1860	3.4	11
39	Titin-mediated control of cardiac myofibrillar function. *Archives of Biochemistry and Biophysics*, **2014**, 552-553, 83-91	4.1	10
38	From connecting filaments to co-expression of titin isoforms. *Advances in Experimental Medicine and Biology*, **2000**, 481, 405-18	3.6	10
37	Investigation of mechanisms by which sodium citrate reduces the pink color defect in cooked ground turkey. *Meat Science*, **2006**, 72, 585-95	6.4	9
36	COOKING EFFECTS ON TITIN IN FRESH AND PROCESSED BEEF PRODUCTS. *Journal of Muscle Foods*, **1992**, 3, 133-140		9
35	Solution structure of heavy meromyosin by small-angle scattering. *Journal of Biological Chemistry*, **2003**, 278, 6034-40	5.4	8
34	Reaction of Nitrite and Cytochrome c in the Presence or Absence of Ascorbate. *Journal of Food Science*, **1982**, 47, 1419-1422	3.4	8
33	Lack of identity of tropocalcin with troponin components. *Biochemical and Biophysical Research Communications*, **1972**, 48, 358-61	3.4	8

32	Maximal ATPase activity and calcium sensitivity of reconstituted myofilaments are unaltered by the fetal troponin T re-expressed during human heart failure. *Journal of Molecular and Cellular Cardiology*, **2002**, 34, 797-805	5.8	7
31	Partial titin cDNA sequence isolated from rabbit cardiac muscle RNA. *Journal of Muscle Research and Cell Motility*, **1993**, 14, 347-50	3.5	7
30	Impact of titin strain on the cardiac slow force response. *Progress in Biophysics and Molecular Biology*, **2017**, 130, 281-287	4.7	6
29	Protein electrophoresis in agarose gels for separating high molecular weight proteins. *Methods in Molecular Biology*, **2012**, 869, 111-8	1.4	6
28	cDNA sequence of rabbit cardiac titin/ connectin. *Advances in Biophysics*, **1996**, 33, 13-25		6
27	Primary structure of the kinase domain region of rabbit skeletal and cardiac muscle titin. *Journal of Muscle Research and Cell Motility*, **1996**, 17, 343-8	3.5	6
26	Structural studies of rigor bovine myofibrils using fluorescence microscopy. I. Procedures for purification and modification of bovine muscle proteins for use in fluorescence microscopy. *Meat Science*, **1993**, 33, 139-55	6.4	6
25	Characterization of a partial cDNA clone encoding porcine skeletal muscle titin: comparison with rabbit and mouse skeletal muscle titin sequences. *Comparative Biochemistry and Physiology Part B: Comparative Biochemistry*, **1993**, 105, 357-60		5
24	Confocal Scanning Optical Microscopy of Meat Products. *Journal of Food Science*, **1990**, 55, 1751-1752	3.4	5
23	A simple, sensitive enzymatic method for quantitation of soya proteins in soya-meat blends. *Meat Science*, **1982**, 7, 109-16	6.4	5
22	Crystal forms of alpha2-tropomyosin. *Journal of Molecular Biology*, **1977**, 116, 883-90	6.5	5
21	REACTION OF NITRITE WITH TRYPTOPHYL RESIDUES OF PROTEIN. *Journal of Food Science*, **1979**, 44, 1144-1146	3.4	4
20	Electrophoretic Separation of Very Large Molecular Weight Proteins in SDS Agarose. *Methods in Molecular Biology*, **2019**, 1855, 203-210	1.4	4
19	Efficient electroblotting of very large proteins using a vertical agarose electrophoresis system. *Methods in Molecular Biology*, **2009**, 536, 221-7	1.4	3
18	Factors affecting solubilisation and oxidation of proteins during equine metmyoglobin-mediated lipid oxidation in extensively washed cod muscle. *Food Chemistry*, **2010**, 122, 1102-1110	8.5	3
17	Rat and avian myofibers having similar innervation share antigenic determinants. *Journal of Animal Science*, **1988**, 66, 814-8	0.7	3
16	SEPARATION OF WATER-SOLUBLE REACTION PRODUCTS OF NITRITE IN CURED MEAT. *Journal of Food Science*, **1978**, 43, 638-640	3.4	3
15	Method for resolution and western blotting of very large proteins using agarose electrophoresis. *Methods in Molecular Biology*, **2015**, 1312, 285-91	1.4	2

14	Molecular structure of troponin C from chicken skeletal muscle at 3 resolution. *Journal of Biosciences*, **1985**, 8, 451-460	2.3	2
13	Uranyl acetate as a primary fixative for skeletal muscle. *Microscopy Research and Technique*, **1997**, 37, 600-1	2.8	1
12	Iodination of myofibrils and myosin. *Journal of Muscle Research and Cell Motility*, **1984**, 5, 665-76	3.5	1
11	Rate Constant and Activation Energy for Formation of a Nitrosoascorbic Acid Intermediate Compound. *Journal of Food Protection*, **1985**, 48, 346-350	2.5	1
10	Cardiac tropomyosin crystals and their interactions with troponin subunits. *Journal of Molecular Biology*, **1979**, 131, 663-7	6.5	1
9	Sensitivity of the Na efflux in barnacle muscle fibres to the microinjection of troponin-C. *Experientia* , **1973**, 29, 1503-4		1
8	John Gergely (1919-2013): a pillar in the muscle protein field. *Journal of Muscle Research and Cell Motility*, **2013**, 34, 441-6	3.5	
7	Vertical Agarose Electrophoresis and Electroblotting of High-Molecular-Weight Proteins. *Springer Protocols*, **2009**, 293-298	0.3	
6	High-Efficiency Blotting of High-Molecular Weight Proteins. *Springer Protocols*, **2009**, 663-671	0.3	
5	EVALUATION OF MEAT PRODUCTS BY FLUORESCENCE MICROSCOPY. *Journal of Muscle Foods*, **1991**, 2, 57-63		
4	Species variations in cDNA sequence and exon splicing patterns in the extensible I-band region of cardiac titin: relation to passive tension **2003**, 473-482		
3	THE MOLECULAR STRUCTURE OF THE MAGNESIUM COMPLEX OF CHICKEN SKELETAL TROPONIN-C **1987**, 385-387		
2	Molecular Interactions of Contractile Proteins **1989**, 181-200		
1	Megaesophagus Is a Major Pathological Condition in Rats With a Large Deletion in the Gene. *Veterinary Pathology*, **2020**, 57, 151-159	2.8	