## Roberto Bottinelli

## 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.

10,817 56 103 122 h-index g-index citations papers 162 5.62 11,925 7.3 L-index avg, IF ext. citations ext. papers

#	Paper	IF	Citations
122	Acute and chronic tirasemtiv treatment improves in vivo and in vitro muscle performance in actin-based nemaline myopathy mice. <i>Human Molecular Genetics</i> , <b>2021</b> , 30, 1305-1320	5.6	4
121	Rebalancing expression of HMGB1 redox isoforms to counteract muscular dystrophy. <i>Science Translational Medicine</i> , <b>2021</b> , 13,	17.5	5
120	Ultra-fast force-clamp spectroscopy data on the interaction between skeletal muscle myosin and actin. <i>Data in Brief</i> , <b>2019</b> , 25, 104017	1.2	3
119	Voluntary physical activity counteracts Chronic Heart Failure progression affecting both cardiac function and skeletal muscle in the transgenic Tgq+44 mouse model. <i>Physiological Reports</i> , <b>2019</b> , 7, e14161	2.6	5
118	Recovery from 6-month spaceflight at the International Space Station: muscle-related stress into a proinflammatory setting. <i>FASEB Journal</i> , <b>2019</b> , 33, 5168-5180	0.9	15
117	Reduction of Movement in Neurological Diseases: Effects on Neural Stem Cells Characteristics. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 336	5.1	23
116	Structural and molecular adaptations to dexamethasone and unacylated ghrelin administration in skeletal muscle of the mice. <i>Journal of Physiology and Pharmacology</i> , <b>2018</b> , 69,	2.1	2
115	High mobility group box 1 orchestrates tissue regeneration via CXCR4. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 303-318	16.6	84
114	Sarcolab pilot study into skeletal muscleß adaptation to long-term spaceflight. <i>Npj Microgravity</i> , <b>2018</b> , 4, 18	5.3	27
113	Structure and function of human muscle fibres and muscle proteome in physically active older men. <i>Journal of Physiology</i> , <b>2017</b> , 595, 4823-4844	3.9	38
112	Exercise training in Tg🛮44 mice during the progression of chronic heart failure: cardiac vs. peripheral (soleus muscle) impairments to oxidative metabolism. <i>Journal of Applied Physiology</i> , <b>2017</b> , 123, 326-336	3.7	9
111	Diaphragm Atrophy and Weakness in the Absence of Mitochondrial Dysfunction in the Critically Ill. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 1544-1558	10.2	36
110	Myosin content of single muscle fibers following short-term disuse and active recovery in young and old healthy men. <i>Experimental Gerontology</i> , <b>2017</b> , 87, 100-107	4.5	13
109	FoxO-dependent atrogenes vary among catabolic conditions and play a key role in muscle atrophy induced by hindlimb suspension. <i>Journal of Physiology</i> , <b>2017</b> , 595, 1143-1158	3.9	41
108	In vivo generation of a mature and functional artificial skeletal muscle. <i>EMBO Molecular Medicine</i> , <b>2015</b> , 7, 411-22	12	63
107	Quantitative and qualitative adaptations of muscle fibers to glucocorticoids. <i>Muscle and Nerve</i> , <b>2015</b> , 52, 631-9	3.4	19
106	Human skeletal muscle fibre contractile properties and proteomic profile: adaptations to 3 weeks of unilateral lower limb suspension and active recovery. <i>Journal of Physiology</i> , <b>2015</b> , 593, 5361-85	3.9	23

## (2011-2015)

105	The role of alterations in mitochondrial dynamics and PGC-1D ver-expression in fast muscle atrophy following hindlimb unloading. <i>Journal of Physiology</i> , <b>2015</b> , 593, 1981-95	3.9	108
104	Actin sliding velocity on pure myosin isoforms from hindlimb unloaded mice. <i>Acta Physiologica</i> , <b>2014</b> , 212, 316-29	5.6	12
103	PGC1-[bver-expression prevents metabolic alterations and soleus muscle atrophy in hindlimb unloaded mice. <i>Journal of Physiology</i> , <b>2014</b> , 592, 4575-89	3.9	136
102	Molecular mechanism regulating myosin and cardiac functions by ELC. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 450, 464-9	3.4	17
101	Autophagy impairment in muscle induces neuromuscular junction degeneration and precocious aging. <i>Cell Reports</i> , <b>2014</b> , 8, 1509-21	10.6	223
100	Skeletal muscle adaptations to physical inactivity and subsequent retraining in young men. <i>Biogerontology</i> , <b>2013</b> , 14, 247-59	4.5	42
99	Physiological and functional evaluation of healthy young and older men and women: design of the European MyoAge study. <i>Biogerontology</i> , <b>2013</b> , 14, 325-37	4.5	46
98	Nitric oxide prevents atorvastatin-induced skeletal muscle dysfunction and alterations in mice. <i>Muscle and Nerve</i> , <b>2013</b> , 47, 72-80	3.4	10
97	Variability in muscle adaptation to electrical stimulation. <i>International Journal of Sports Medicine</i> , <b>2013</b> , 34, 544-53	3.6	12
96	Absence of T and B lymphocytes modulates dystrophic features in dysferlin deficient animal model. <i>Experimental Cell Research</i> , <b>2012</b> , 318, 1160-74	4.2	22
95	Ultrafast force-clamp spectroscopy of single molecules reveals load dependence of myosin working stroke. <i>Nature Methods</i> , <b>2012</b> , 9, 1013-9	21.6	98
94	Actomyosin kinetics of pure fast and slow rat myosin isoforms studied by in vitro motility assay approach. <i>Experimental Physiology</i> , <b>2012</b> , 97, 873-81	2.4	11
93	The time course of the adaptations of human muscle proteome to bed rest and the underlying mechanisms. <i>Journal of Physiology</i> , <b>2012</b> , 590, 5211-30	3.9	115
92	Transplantation of genetically corrected human iPSC-derived progenitors in mice with limb-girdle muscular dystrophy. <i>Science Translational Medicine</i> , <b>2012</b> , 4, 140ra89	17.5	215
91	Lack of functional effects of neuromuscular electrical stimulation on skeletal muscle oxidative metabolism in healthy humans. <i>Journal of Applied Physiology</i> , <b>2012</b> , 113, 1101-9	3.7	14
90	Stem cell-mediated transfer of a human artificial chromosome ameliorates muscular dystrophy. <i>Science Translational Medicine</i> , <b>2011</b> , 3, 96ra78	17.5	119
89	Redox homeostasis, oxidative stress and disuse muscle atrophy. <i>Journal of Physiology</i> , <b>2011</b> , 589, 2147-6	<b>69</b> .9	91
88	Statin or fibrate chronic treatment modifies the proteomic profile of rat skeletal muscle. <i>Biochemical Pharmacology</i> , <b>2011</b> , 81, 1054-64	6	27

87	Electrical stimulation for neuromuscular testing and training: state-of-the art and unresolved issues. <i>European Journal of Applied Physiology</i> , <b>2011</b> , 111, 2391-7	3.4	101
86	Neuromuscular electrical stimulation training induces atypical adaptations of the human skeletal muscle phenotype: a functional and proteomic analysis. <i>Journal of Applied Physiology</i> , <b>2011</b> , 110, 433-50	03.7	99
85	Skeletal muscle fibre diversity and the underlying mechanisms. <i>Acta Physiologica</i> , <b>2010</b> , 199, 465-76	5.6	49
84	Single muscle fiber properties in aging and disuse. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2010</b> , 20, 10-9	4.6	44
83	Myosin and actin content of human skeletal muscle fibers following 35 days bed rest. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2010</b> , 20, 65-73	4.6	54
82	Is oxidative stress a cause or consequence of disuse muscle atrophy in mice? A proteomic approach in hindlimb-unloaded mice. <i>Experimental Physiology</i> , <b>2010</b> , 95, 331-50	2.4	64
81	The KATP channel is a molecular sensor of atrophy in skeletal muscle. <i>Journal of Physiology</i> , <b>2010</b> , 588, 773-84	3.9	31
80	Antioxidant treatment of hindlimb-unloaded mouse counteracts fiber type transition but not atrophy of disused muscles. <i>Pharmacological Research</i> , <b>2010</b> , 61, 553-63	10.2	58
79	Branched-chain amino acid supplementation promotes survival and supports cardiac and skeletal muscle mitochondrial biogenesis in middle-aged mice. <i>Cell Metabolism</i> , <b>2010</b> , 12, 362-372	24.6	351
78	Essential amino acids improve insulin activation of AKT/MTOR signaling in soleus muscle of aged rats. <i>International Journal of Immunopathology and Pharmacology</i> , <b>2010</b> , 23, 81-9	3	13
77	Actin sliding velocity on pure myosin isoforms from dystrophic mouse muscles. <i>Muscle and Nerve</i> , <b>2009</b> , 40, 249-56	3.4	8
76	Focal adhesion kinase is a load-dependent governor of the slow contractile and oxidative muscle phenotype. <i>Journal of Physiology</i> , <b>2009</b> , 587, 3703-17	3.9	49
75	Resistance training of long duration modulates force and unloaded shortening velocity of single muscle fibres of young women. <i>Journal of Electromyography and Kinesiology</i> , <b>2009</b> , 19, e290-300	2.5	29
74	Long-term resistance training improves force and unloaded shortening velocity of single muscle fibres of elderly women. <i>European Journal of Applied Physiology</i> , <b>2008</b> , 104, 885-93	3.4	25
73	Myosin Ii: Sarcomeric Myosins, The Motors Of Contraction In Cardiac And Skeletal Muscles <b>2008</b> , 125-16	59	2
7 <del>2</del>	T and B lymphocyte depletion has a marked effect on the fibrosis of dystrophic skeletal muscles in the scid/mdx mouse. <i>Journal of Pathology</i> , <b>2007</b> , 213, 229-38	9.4	73
71	Structural and functional alterations of muscle fibres in the novel mouse model of facioscapulohumeral muscular dystrophy. <i>Journal of Physiology</i> , <b>2007</b> , 584, 997-1009	3.9	29
70	Sampaolesi et al. reply. <i>Nature</i> , <b>2007</b> , 450, E23-E25	50.4	3

## (2006-2007)

69	Deterioration of contractile properties of muscle fibres in elderly subjects is modulated by the level of physical activity. <i>European Journal of Applied Physiology</i> , <b>2007</b> , 100, 603-11	3.4	76
68	Nitric oxide release combined with nonsteroidal antiinflammatory activity prevents muscular dystrophy pathology and enhances stem cell therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 264-9	11.5	145
67	Autologous transplantation of muscle-derived CD133+ stem cells in Duchenne muscle patients. <i>Cell Transplantation</i> , <b>2007</b> , 16, 563-77	4	190
66	Restoration of human dystrophin following transplantation of exon-skipping-engineered DMD patient stem cells into dystrophic mice. <i>Cell Stem Cell</i> , <b>2007</b> , 1, 646-57	18	181
65	Targeted ablation of IKK2 improves skeletal muscle strength, maintains mass, and promotes regeneration. <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 277-277	15.9	78
64	Cellular and Molecular Mechanisms of Skeletal Muscle Plasticity <b>2007</b> , 3-22		
63	Two independent mechanical events in the interaction cycle of skeletal muscle myosin with actin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 87-92	11.5	129
62	Chimeric adeno-associated virus/antisense U1 small nuclear RNA effectively rescues dystrophin synthesis and muscle function by local treatment of mdx mice. <i>Human Gene Therapy</i> , <b>2006</b> , 17, 565-74	4.8	36
61	Body-wide gene therapy of Duchenne muscular dystrophy in the mdx mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 3758-63	11.5	123
60	The human muscle proteome in aging. <i>Journal of Proteome Research</i> , <b>2006</b> , 5, 1344-53	5.6	126
60 59	The human muscle proteome in aging. <i>Journal of Proteome Research</i> , <b>2006</b> , 5, 1344-53  What limits the velocity of fast-skeletal muscle contraction in mammals?. <i>Journal of Molecular Biology</i> , <b>2006</b> , 355, 432-42	5.6 6.5	126 91
	What limits the velocity of fast-skeletal muscle contraction in mammals?. Journal of Molecular		
59	What limits the velocity of fast-skeletal muscle contraction in mammals?. <i>Journal of Molecular Biology</i> , <b>2006</b> , 355, 432-42  Neuromuscular adaptations to electrostimulation resistance training. <i>American Journal of Physical</i>	6.5	91
59 58	What limits the velocity of fast-skeletal muscle contraction in mammals?. <i>Journal of Molecular Biology</i> , <b>2006</b> , 355, 432-42  Neuromuscular adaptations to electrostimulation resistance training. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2006</b> , 85, 167-75  Functional and morphological recovery of dystrophic muscles in mice treated with deacetylase	6.5	91 60
59 58 57	What limits the velocity of fast-skeletal muscle contraction in mammals?. <i>Journal of Molecular Biology</i> , <b>2006</b> , 355, 432-42  Neuromuscular adaptations to electrostimulation resistance training. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2006</b> , 85, 167-75  Functional and morphological recovery of dystrophic muscles in mice treated with deacetylase inhibitors. <i>Nature Medicine</i> , <b>2006</b> , 12, 1147-50	6.5 2.6 50.5	91 60 258
59 58 57 56	What limits the velocity of fast-skeletal muscle contraction in mammals?. <i>Journal of Molecular Biology</i> , <b>2006</b> , 355, 432-42  Neuromuscular adaptations to electrostimulation resistance training. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2006</b> , 85, 167-75  Functional and morphological recovery of dystrophic muscles in mice treated with deacetylase inhibitors. <i>Nature Medicine</i> , <b>2006</b> , 12, 1147-50  Facioscapulohumeral muscular dystrophy in mice overexpressing FRG1. <i>Nature</i> , <b>2006</b> , 439, 973-7	6.5 2.6 50.5	91 60 258 185
59 58 57 56	What limits the velocity of fast-skeletal muscle contraction in mammals?. <i>Journal of Molecular Biology</i> , <b>2006</b> , 355, 432-42  Neuromuscular adaptations to electrostimulation resistance training. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2006</b> , 85, 167-75  Functional and morphological recovery of dystrophic muscles in mice treated with deacetylase inhibitors. <i>Nature Medicine</i> , <b>2006</b> , 12, 1147-50  Facioscapulohumeral muscular dystrophy in mice overexpressing FRG1. <i>Nature</i> , <b>2006</b> , 439, 973-7  Mesoangioblast stem cells ameliorate muscle function in dystrophic dogs. <i>Nature</i> , <b>2006</b> , 444, 574-9  Skeletal muscle hypertrophy and structure and function of skeletal muscle fibres in male body	6.5 2.6 50.5 50.4	91 60 258 185 615

Chimeric Adeno-Associated Virus/Antisense U1 Small Nuclear RNA Effectively Rescues Dystrophin 51 Synthesis and Muscle Function by Local Treatment of mdx Mice. Human Gene Therapy, 2006, 060801084 \$\frac{4}{5}\dot{0}006 Effects of resistance training on myosin function studied by the in vitro motility assay in young and 50 3.7 45 older men. Journal of Applied Physiology, 2005, 98, 2390-5 Effects of voluntary wheel running and amino acid supplementation on skeletal muscle of mice. 49 42 3.4 European Journal of Applied Physiology, 2005, 93, 655-64 Temperature dependence of speed of actin filaments propelled by slow and fast skeletal myosin 48 3.7 19 isoforms. Journal of Applied Physiology, 2005, 99, 2239-45 Fast fibres in a large animal: fibre types, contractile properties and myosin expression in pig 47 3 72 skeletal muscles. Journal of Experimental Biology, 2004, 207, 1875-86 Clenbuterol antagonizes glucocorticoid-induced atrophy and fibre type transformation in mice. 46 38 2.4 Experimental Physiology, 2004, 89, 89-100 The mechanism of the force response to stretch in human skinned muscle fibres with different 60 3.9 45 myosin isoforms. Journal of Physiology, 2004, 554, 335-52 Respiratory muscle fibres: specialisation and plasticity. *Thorax*, **2004**, 59, 808-17 129 44 7.3 Human circulating AC133(+) stem cells restore dystrophin expression and ameliorate function in 15.9 43 271 dystrophic skeletal muscle. Journal of Clinical Investigation, 2004, 114, 182-95 Orthologous myosin isoforms and scaling of shortening velocity with body size in mouse, rat, rabbit 42 3.9 157 and human muscles. Journal of Physiology, 2003, 546, 677-89 Cell therapy of alpha-sarcoglycan null dystrophic mice through intra-arterial delivery of 41 33.3 542 mesoangioblasts. Science, 2003, 301, 487-92 The effect of ageing and immobilization on structure and function of human skeletal muscle fibres. 40 3.9 339 Journal of Physiology, **2003**, 552, 499-511 Contractile properties and myosin heavy chain isoform composition in single fibre of human 39 3.5 35 laryngeal muscles. Journal of Muscle Research and Cell Motility, 2002, 23, 187-95 Functional heterogeneity of mammalian single muscle fibres: do myosin isoforms tell the whole 38 4.6 150 story?. Pflugers Archiv European Journal of Physiology, 2001, 443, 6-17 Differing ADP release rates from myosin heavy chain isoforms define the shortening velocity of 37 5.4 75 skeletal muscle fibers. Journal of Biological Chemistry, 2001, 276, 45902-8 Ca2+ release induced by cyclic ADP ribose in mice lacking type 3 ryanodine receptor. Biochemical 36 3.4 and Biophysical Research Communications, 2001, 288, 697-702 Response to caffeine and ryanodine receptor isoforms in mouse skeletal muscles. American Journal 35 5.4 52 of Physiology - Cell Physiology, 2001, 281, C585-94 Human skeletal muscle fibres: molecular and functional diversity. Progress in Biophysics and 34 4.7 334 Molecular Biology, **2000**, 73, 195-262

33	Functional diversity between orthologous myosins with minimal sequence diversity. <i>Journal of Muscle Research and Cell Motility</i> , <b>2000</b> , 21, 375-82	3.5	33
32	Sarcomeric Myosin Isoforms: Fine Tuning of a Molecular Motor. <i>Physiology</i> , <b>2000</b> , 15, 26-33	9.8	17
31	ATP consumption and efficiency of human single muscle fibers with different myosin isoform composition. <i>Biophysical Journal</i> , <b>2000</b> , 79, 945-61	2.9	256
30	Speeds of Actin Translocation in Vitro by Myosins Extracted from Single Rat Muscle Fibres of Different Types. <i>Experimental Physiology</i> , <b>1999</b> , 84, 803-806	2.4	20
29	Specific contributions of various muscle fibre types to human muscle performance: an in vitro study. <i>Journal of Electromyography and Kinesiology</i> , <b>1999</b> , 9, 87-95	2.5	129
28	Contractile impairment and structural alterations of skeletal muscles from knockout mice lacking type 1 and type 3 ryanodine receptors. <i>FEBS Letters</i> , <b>1998</b> , 422, 160-4	3.8	34
27	A mutant tropomyosin that causes hypertrophic cardiomyopathy is expressed in vivo and associated with an increased calcium sensitivity. <i>Circulation Research</i> , <b>1998</b> , 82, 106-15	15.7	135
26	Sprint training, in vitro and in vivo muscle function, and myosin heavy chain expression. <i>Journal of Applied Physiology</i> , <b>1998</b> , 84, 442-9	3.7	71
25	Fibre types in skeletal muscles of chronic obstructive pulmonary disease patients related to respiratory function and exercise tolerance. <i>European Respiratory Journal</i> , <b>1997</b> , 10, 2853-60	13.6	96
24	Chemo-mechanical energy transduction in relation to myosin isoform composition in skeletal muscle fibres of the rat. <i>Journal of Physiology</i> , <b>1997</b> , 502 ( Pt 2), 449-60	3.9	88
23	Requirement for the ryanodine receptor type 3 for efficient contraction in neonatal skeletal muscles. <i>EMBO Journal</i> , <b>1997</b> , 16, 6956-63	13	112
22	Myofibrillar ATPase activity in skinned human skeletal muscle fibres: fibre type and temperature dependence. <i>Journal of Physiology</i> , <b>1996</b> , 493 ( Pt 2), 299-307	3.9	179
21	Whole-muscle and single-fibre contractile properties and myosin heavy chain isoforms in humans. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1996</b> , 432, 913-20	4.6	248
20	Force-velocity properties of human skeletal muscle fibres: myosin heavy chain isoform and temperature dependence. <i>Journal of Physiology</i> , <b>1996</b> , 495 ( Pt 2), 573-86	3.9	370
19	Force-velocity properties and myosin light chain isoform composition of an identified type of skinned fibres from rat skeletal muscle. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1995</b> , 429, 592-4	4 <sup>4.6</sup>	18
18	Maximum speed of shortening and ATPase activity in atrial and ventricular myocardia of hyperthyroid rats. <i>American Journal of Physiology - Cell Physiology</i> , <b>1995</b> , 269, C785-90	5.4	29
17	Maximum shortening velocity and coexistence of myosin heavy chain isoforms in single skinned fast fibres of rat skeletal muscle. <i>Journal of Muscle Research and Cell Motility</i> , <b>1994</b> , 15, 413-9	3.5	100
16	Cortisone-induced changes in myosin heavy chain distribution in respiratory and hindlimb muscles.  Acta Physiologica Scandinavica, 1994, 151, 353-61		29

15	Effects of acidosis on maximum shortening velocity and force-velocity relation of skinned rat cardiac muscle. <i>Journal of Molecular and Cellular Cardiology</i> , <b>1994</b> , 26, 601-7	5.8	13
14	Unloaded shortening velocity and myosin heavy chain and alkali light chain isoform composition in rat skeletal muscle fibres. <i>Journal of Physiology</i> , <b>1994</b> , 478 ( Pt 2), 341-9	3.9	260
13	Myofibrillar ATPase activity during isometric contraction and isomyosin composition in rat single skinned muscle fibres. <i>Journal of Physiology</i> , <b>1994</b> , 481 ( Pt 3), 663-75	3.9	155
12	Effects of amrinone on shortening velocity and force development in skinned skeletal muscle fibres. <i>Journal of Muscle Research and Cell Motility</i> , <b>1993</b> , 14, 110-20	3.5	11
11	Effects of Amrinone on shortening velocity, force development and ATPase activity of demembranated preparations of rat ventricular myocardium. <i>Acta Physiologica Scandinavica</i> , <b>1992</b> , 146, 21-30		6
10	Force-velocity relations and myosin heavy chain isoform compositions of skinned fibres from rat skeletal muscle. <i>Journal of Physiology</i> , <b>1991</b> , 437, 655-72	3.9	364
9	A digital electronic decoder for monitoring muscle fibre sarcomere lengths using a photodiode array diffractometer. <i>Measurement Science and Technology</i> , <b>1990</b> , 1, 189-194	2	
8	Altered contractile properties of rat cardiac muscle during experimental thiamine deficiency and food deprivation. <i>Journal of Molecular and Cellular Cardiology</i> , <b>1990</b> , 22, 1095-106	5.8	29
7	Shortening velocity and myosin and myofibrillar ATPase activity related to myosin isoenzyme composition during postnatal development in rat myocardium. <i>Circulation Research</i> , <b>1989</b> , 65, 446-57	15.7	68
6	Sarcomere <b>R</b> giveRduring stretch of frog single muscle fibres with added series compliance. <i>Quarterly Journal of Experimental Physiology (Cambridge, England)</i> , <b>1989</b> , 74, 215-7		4
5	The dual effect of thyroid hormones on contractile properties of rat myocardium. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1988</b> , 411, 620-7	4.6	12
4	The descending limb of the sarcomere length-force relation in single muscle fibres of the frog. <i>Journal of Muscle Research and Cell Motility</i> , <b>1985</b> , 6, 585-600	3.5	35
3	Is stepwise sarcomere shortening an artefact?. <i>Nature</i> , <b>1984</b> , 307, 653-5	50.4	25
2	Postextrasystolic potentiation in isolated rat myocardium: dependence on resting muscle length. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1984</b> , 402, 321-4	4.6	7
1	Relaxation in atrial and ventricular myocardium: activation decay and different load sensitivity.  Basic Research in Cardiology, 1983, 78, 256-65	11.8	8