

# David Allen

## List of Publications by Citations

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136  
papers

13,297  
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64  
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g-index

146  
ext. papers

14,241  
ext. citations

6  
avg, IF

6.49  
L-index

#	Paper	IF	Citations
136	Skeletal muscle fatigue: cellular mechanisms. <i>Physiological Reviews</i> , <b>2008</b> , 88, 287-332	47.9	1415
135	The cellular basis of the length-tension relation in cardiac muscle. <i>Journal of Molecular and Cellular Cardiology</i> , <b>1985</b> , 17, 821-40	5.8	471
134	Myocardial contractile function during ischemia and hypoxia. <i>Circulation Research</i> , <b>1987</b> , 60, 153-68	15.7	451
133	The effects of muscle length on intracellular calcium transients in mammalian cardiac muscle. <i>Journal of Physiology</i> , <b>1982</b> , 327, 79-94	3.9	445
132	Fibroblasts can be genetically modified to produce excitable cells capable of electrical coupling. <i>Circulation</i> , <b>2005</b> , 111, 394-8	16.7	439
131	Calcium transients in aequorin-injected frog cardiac muscle. <i>Nature</i> , <b>1978</b> , 273, 509-13	50.4	393
130	Skeletal muscle hypertrophy is mediated by a Ca <sup>2+</sup> -dependent calcineurin signalling pathway. <i>Nature</i> , <b>1999</b> , 400, 576-81	50.4	389
129	Changes of myoplasmic calcium concentration during fatigue in single mouse muscle fibers. <i>Journal of General Physiology</i> , <b>1991</b> , 98, 615-35	3.4	312
128	Effect of hydrogen peroxide and dithiothreitol on contractile function of single skeletal muscle fibres from the mouse. <i>Journal of Physiology</i> , <b>1998</b> , 509 ( Pt 2), 565-75	3.9	304
127	Muscle cell function during prolonged activity: cellular mechanisms of fatigue. <i>Experimental Physiology</i> , <b>1995</b> , 80, 497-527	2.4	231
126	A nuclear magnetic resonance study of metabolism in the ferret heart during hypoxia and inhibition of glycolysis. <i>Journal of Physiology</i> , <b>1985</b> , 361, 185-204	3.9	226
125	Intracellular calcium concentration during low-frequency fatigue in isolated single fibers of mouse skeletal muscle. <i>Journal of Applied Physiology</i> , <b>1993</b> , 75, 382-8	3.7	225
124	Absence of Dystrophin Disrupts Skeletal Muscle Signaling: Roles of Ca <sup>2+</sup> , Reactive Oxygen Species, and Nitric Oxide in the Development of Muscular Dystrophy. <i>Physiological Reviews</i> , <b>2016</b> , 96, 253-305	47.9	217
123	Effects of stretch-activated channel blockers on [Ca <sup>2+</sup> ] <sub>i</sub> and muscle damage in the mdx mouse. <i>Journal of Physiology</i> , <b>2005</b> , 562, 367-80	3.9	217
122	Muscle damage in mdx (dystrophic) mice: role of calcium and reactive oxygen species. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2006</b> , 33, 657-62	3	212
121	Early events in stretch-induced muscle damage. <i>Journal of Applied Physiology</i> , <b>1999</b> , 87, 2007-15	3.7	208
120	Role of phosphate and calcium stores in muscle fatigue. <i>Journal of Physiology</i> , <b>2001</b> , 536, 657-65	3.9	187

119	N-Acetylcysteine ameliorates skeletal muscle pathophysiology in mdx mice. <i>Journal of Physiology</i> , <b>2008</b> , 586, 2003-14	3.9	177
118	Intracellular calcium and tension during fatigue in isolated single muscle fibres from <i>Xenopus laevis</i> . <i>Journal of Physiology</i> , <b>1989</b> , 415, 433-58	3.9	170
117	Muscle fatigue: lactic acid or inorganic phosphate the major cause?. <i>Physiology</i> , <b>2002</b> , 17, 17-21	9.8	169
116	Impaired calcium release during fatigue. <i>Journal of Applied Physiology</i> , <b>2008</b> , 104, 296-305	3.7	145
115	Intracellular calcium and force in single mouse muscle fibres following repeated contractions with stretch. <i>Journal of Physiology</i> , <b>1995</b> , 488 ( Pt 1), 25-36	3.9	145
114	Mechanisms of stretch-induced muscle damage in normal and dystrophic muscle: role of ionic changes. <i>Journal of Physiology</i> , <b>2005</b> , 567, 723-35	3.9	142
113	Intracellular calcium handling in ventricular myocytes from mdx mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H846-55	5.2	136
112	Effects of reduced muscle glycogen concentration on force, Ca <sup>2+</sup> release and contractile protein function in intact mouse skeletal muscle. <i>Journal of Physiology</i> , <b>1997</b> , 498 ( Pt 1), 17-29	3.9	135
111	TRPC1 binds to caveolin-3 and is regulated by Src kinase - role in Duchenne muscular dystrophy. <i>Journal of Cell Science</i> , <b>2008</b> , 121, 2246-55	5.3	133
110	Calcium and the damage pathways in muscular dystrophy. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2010</b> , 88, 83-91	2.4	132
109	Eccentric muscle damage: mechanisms of early reduction of force. <i>Acta Physiologica Scandinavica</i> , <b>2001</b> , 171, 311-9		132
108	The role of elevations in intracellular [Ca <sup>2+</sup> ] in the development of low frequency fatigue in mouse single muscle fibres. <i>Journal of Physiology</i> , <b>1996</b> , 491 ( Pt 3), 813-24	3.9	132
107	Skeletal muscle NADPH oxidase is increased and triggers stretch-induced damage in the mdx mouse. <i>PLoS ONE</i> , <b>2010</b> , 5, e15354	3.7	132
106	The role of reactive oxygen species in the hearts of dystrophin-deficient mdx mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 293, H1969-77	5.2	128
105	[31] Practical aspects of the use of aequorin as a calcium indicator: Assay, preparation, microinjection, and interpretation of signals. <i>Methods in Enzymology</i> , <b>1978</b> , 292-328	1.7	120
104	C2C12 co-culture on a fibroblast substratum enables sustained survival of contractile, highly differentiated myotubes with peripheral nuclei and adult fast myosin expression. <i>Cytoskeleton</i> , <b>2004</b> , 58, 200-11		115
103	Reactive oxygen species reduce myofibrillar Ca <sup>2+</sup> sensitivity in fatiguing mouse skeletal muscle at 37 degrees C. <i>Journal of Physiology</i> , <b>2005</b> , 564, 189-99	3.9	115
102	Myoplasmic free Mg <sup>2+</sup> concentration during repetitive stimulation of single fibres from mouse skeletal muscle. <i>Journal of Physiology</i> , <b>1992</b> , 453, 413-34	3.9	114

101	Calcium concentration in the myoplasm of skinned ferret ventricular muscle following changes in muscle length. <i>Journal of Physiology</i> , <b>1988</b> , 407, 489-503	3.9	111
100	The contribution of $[Ca^{2+}]_i$ to the slowing of relaxation in fatigued single fibres from mouse skeletal muscle. <i>Journal of Physiology</i> , <b>1993</b> , 468, 729-40	3.9	109
99	Intracellular calcium and $Na^+$ - $Ca^{2+}$ exchange current in isolated toad pacemaker cells. <i>Journal of Physiology</i> , <b>1998</b> , 508 ( Pt 1), 153-66	3.9	107
98	Functional significance of $Ca^{2+}$ in long-lasting fatigue of skeletal muscle. <i>European Journal of Applied Physiology</i> , <b>2000</b> , 83, 166-74	3.4	107
97	Store-operated $Ca^{2+}$ influx and expression of TRPC genes in mouse sinoatrial node. <i>Circulation Research</i> , <b>2007</b> , 100, 1605-14	15.7	105
96	The effects of caffeine on intracellular calcium, force and the rate of relaxation of mouse skeletal muscle. <i>Journal of Physiology</i> , <b>1995</b> , 487 ( Pt 2), 331-42	3.9	103
95	Effect of nitric oxide on single skeletal muscle fibres from the mouse. <i>Journal of Physiology</i> , <b>1998</b> , 509 ( Pt 2), 577-86	3.9	99
94	Skeletal muscle function: role of ionic changes in fatigue, damage and disease. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2004</b> , 31, 485-93	3	95
93	Spatial gradients of intracellular calcium in skeletal muscle during fatigue. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1990</b> , 415, 734-40	4.6	95
92	Role of intracellular calcium and metabolites in low-frequency fatigue of mouse skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , <b>1997</b> , 272, C550-9	5.4	92
91	The role of sarcoplasmic reticulum in relaxation of mouse muscle; effects of 2,5-di(tert-butyl)-1,4-benzohydroquinone. <i>Journal of Physiology</i> , <b>1994</b> , 474, 291-301	3.9	90
90	Streptomycin reduces stretch-induced membrane permeability in muscles from mdx mice. <i>Neuromuscular Disorders</i> , <b>2006</b> , 16, 845-54	2.9	88
89	The consequences of simulated ischaemia on intracellular $Ca^{2+}$ and tension in isolated ferret ventricular muscle. <i>Journal of Physiology</i> , <b>1989</b> , 410, 297-323	3.9	88
88	The effects of low sodium solutions on intracellular calcium concentration and tension in ferret ventricular muscle. <i>Journal of Physiology</i> , <b>1983</b> , 345, 391-407	3.9	88
87	The contribution of pH-dependent mechanisms to fatigue at different intensities in mammalian single muscle fibres. <i>Journal of Physiology</i> , <b>1998</b> , 512 ( Pt 3), 831-40	3.9	86
86	Role of the cardiac $Na^+/H^+$ exchanger during ischemia and reperfusion. <i>Cardiovascular Research</i> , <b>2003</b> , 57, 934-41	9.9	86
85	Stretch-activated channels in the heart: contributions to length-dependence and to cardiomyopathy. <i>Progress in Biophysics and Molecular Biology</i> , <b>2008</b> , 97, 232-49	4.7	85
84	The relationship between intracellular calcium and contraction in calcium-overloaded ferret papillary muscles. <i>Journal of Physiology</i> , <b>1985</b> , 364, 169-82	3.9	85

83	Duchenne muscular dystrophy--what causes the increased membrane permeability in skeletal muscle?. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2011</b> , 43, 290-4	5.6	84
82	Emerging roles of ROS/RNS in muscle function and fatigue. <i>Antioxidants and Redox Signaling</i> , <b>2011</b> , 15, 2487-99	8.4	83
81	Role of Na(+)/H(+) exchanger during ischemia and preconditioning in the isolated rat heart. <i>Circulation Research</i> , <b>1999</b> , 85, 723-30	15.7	77
80	Recent advances in the understanding of skeletal muscle fatigue. <i>Current Opinion in Rheumatology</i> , <b>2002</b> , 14, 648-52	5.3	74
79	Gadolinium reduces short-term stretch-induced muscle damage in isolated mdx mouse muscle fibres. <i>Journal of Physiology</i> , <b>2003</b> , 552, 449-58	3.9	70
78	Changes of intracellular pH due to repetitive stimulation of single fibres from mouse skeletal muscle. <i>Journal of Physiology</i> , <b>1992</b> , 449, 49-71	3.9	69
77	Metabolic changes during ischaemia and their role in contractile failure in isolated ferret hearts. <i>Journal of Physiology</i> , <b>1992</b> , 454, 467-90	3.9	69
76	The influence of intracellular pH on contraction, relaxation and [Ca <sup>2+</sup> ] <sub>i</sub> in intact single fibres from mouse muscle. <i>Journal of Physiology</i> , <b>1993</b> , 466, 611-28	3.9	69
75	Slowed relaxation in fatigued skeletal muscle fibers of Xenopus and Mouse. Contribution of [Ca <sup>2+</sup> ] <sub>i</sub> and cross-bridges. <i>Journal of General Physiology</i> , <b>1997</b> , 109, 385-99	3.4	66
74	Cellular mechanisms of skeletal muscle fatigue. <i>Advances in Experimental Medicine and Biology</i> , <b>2003</b> , 538, 563-70; discussion 571	3.6	65
73	Caveolae respond to cell stretch and contribute to stretch-induced signaling. <i>Journal of Cell Science</i> , <b>2011</b> , 124, 3581-90	5.3	64
72	The use of the indicator fluo-5N to measure sarcoplasmic reticulum calcium in single muscle fibres of the cane toad. <i>Journal of Physiology</i> , <b>2001</b> , 534, 87-97	3.9	62
71	Changes in intracellular free calcium concentration during long exposures to simulated ischemia in isolated mammalian ventricular muscle. <i>Circulation Research</i> , <b>1992</b> , 71, 58-69	15.7	60
70	The effects of intracellular injections of phosphate on intracellular calcium and force in single fibres of mouse skeletal muscle. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1996</b> , 431, 964-70	4.6	59
69	Evidence for Na <sup>+</sup> /Ca <sup>2+</sup> exchange in intact single skeletal muscle fibers from the mouse. <i>American Journal of Physiology - Cell Physiology</i> , <b>1998</b> , 274, C940-6	5.4	58
68	Iron injections in mice increase skeletal muscle iron content, induce oxidative stress and reduce exercise performance. <i>Experimental Physiology</i> , <b>2009</b> , 94, 720-30	2.4	57
67	Why did the NHE inhibitor clinical trials fail?. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2009</b> , 46, 137-41	4.8	56
66	The effects of changes in muscle length during diastole on the calcium transient in ferret ventricular muscle. <i>Journal of Physiology</i> , <b>1988</b> , 406, 359-70	3.9	55

65	Role of the calcium-calpain pathway in cytoskeletal damage after eccentric contractions. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 352-7	3.7	54
64	How does beta-adrenergic stimulation increase the heart rate? The role of intracellular Ca <sup>2+</sup> release in amphibian pacemaker cells. <i>Journal of Physiology</i> , <b>1999</b> , 516 ( Pt 3), 793-804	3.9	54
63	Muscle fatigue: the role of intracellular calcium stores. <i>Applied Physiology, Nutrition, and Metabolism</i> , <b>2002</b> , 27, 83-96		50
62	Activity of the Na(+)/H(+) exchanger is critical to reperfusion damage and preconditioning in the isolated rat heart. <i>Cardiovascular Research</i> , <b>2000</b> , 48, 244-53	9.9	50
61	The activity-induced reduction of myofibrillar Ca <sup>2+</sup> sensitivity in mouse skeletal muscle is reversed by dithiothreitol. <i>Journal of Physiology</i> , <b>2006</b> , 571, 191-200	3.9	49
60	Development of T-tubular vacuoles in eccentrically damaged mouse muscle fibres. <i>Journal of Physiology</i> , <b>2002</b> , 540, 581-92	3.9	49
59	Distribution of sarcomere length and intracellular calcium in mouse skeletal muscle following stretch-induced injury. <i>Journal of Physiology</i> , <b>1997</b> , 502 ( Pt 3), 649-59	3.9	48
58	Role of excitation-contraction coupling in muscle fatigue. <i>Sports Medicine</i> , <b>1992</b> , 13, 116-26	10.6	48
57	Pathways of Ca <sup>2+</sup> entry and cytoskeletal damage following eccentric contractions in mouse skeletal muscle. <i>Journal of Applied Physiology</i> , <b>2012</b> , 112, 2077-86	3.7	45
56	Changes in myoplasmic pH and calcium concentration during exposure to lactate in isolated rat ventricular myocytes. <i>Journal of Physiology</i> , <b>1993</b> , 464, 561-74	3.9	45
55	The role of calcium stores in fatigue of isolated single muscle fibres from the cane toad. <i>Journal of Physiology</i> , <b>1999</b> , 519 Pt 1, 169-76	3.9	43
54	Changes in intracellular Na <sup>+</sup> and pH in rat heart during ischemia: role of Na <sup>+</sup> /H <sup>+</sup> exchanger. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1999</b> , 276, H1581-90	5.2	42
53	Changes of tension and [Ca <sup>2+</sup> ] <sub>i</sub> during beta-adrenoceptor activation of single, intact fibres from mouse skeletal muscle. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1993</b> , 425, 150-5	4.6	40
52	Regulation of murine cardiac contractility by activation of (1A)-adrenergic receptor-operated Ca(2+) entry. <i>Cardiovascular Research</i> , <b>2011</b> , 91, 310-9	9.9	38
51	The multiple roles of phosphate in muscle fatigue. <i>Frontiers in Physiology</i> , <b>2012</b> , 3, 463	4.6	37
50	Distribution and functional role of inositol 1,4,5-trisphosphate receptors in mouse sinoatrial node. <i>Circulation Research</i> , <b>2011</b> , 109, 848-57	15.7	36
49	Fibroblasts modulate cardiomyocyte excitability: implications for cardiac gene therapy. <i>Gene Therapy</i> , <b>2006</b> , 13, 1611-5	4	35
48	The effects of hypertonicity on tension and intracellular calcium concentration in ferret ventricular muscle. <i>Journal of Physiology</i> , <b>1987</b> , 383, 425-39	3.9	35

47	Interactions between intracellular calcium and phosphate in intact mouse muscle during fatigue. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 358-66	3.7	34
46	P2X7 receptors mediate innate phagocytosis by human neural precursor cells and neuroblasts. <i>Stem Cells</i> , <b>2015</b> , 33, 526-41	5.8	32
45	Intracellular sodium in mammalian muscle fibers after eccentric contractions. <i>Journal of Applied Physiology</i> , <b>2003</b> , 94, 2475-82	3.7	32
44	The metabolic consequences of an increase in the frequency of stimulation in isolated ferret hearts. <i>Journal of Physiology</i> , <b>1994</b> , 474, 147-59	3.9	31
43	Store-operated Ca <sup>2+</sup> entry and TRPC expression; possible roles in cardiac pacemaker tissue. <i>Heart Lung and Circulation</i> , <b>2007</b> , 16, 349-55	1.8	29
42	Molecular insights from a novel cardiac troponin I mouse model of familial hypertrophic cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2006</b> , 41, 623-32	5.8	29
41	Calmodulin kinase modulates Ca <sup>2+</sup> release in mouse skeletal muscle. <i>Journal of Physiology</i> , <b>2003</b> , 551, 5-12	3.9	29
40	RNA binding protein QKI inhibits the ischemia/reperfusion-induced apoptosis in neonatal cardiomyocytes. <i>Cellular Physiology and Biochemistry</i> , <b>2011</b> , 28, 593-602	3.9	27
39	Measurement of sarcoplasmic reticulum Ca <sup>2+</sup> content in intact amphibian skeletal muscle fibres with 4-chloro-m-cresol. <i>Cell Calcium</i> , <b>1999</b> , 25, 227-35	4	27
38	Stretch-induced membrane damage in muscle: comparison of wild-type and mdx mice. <i>Advances in Experimental Medicine and Biology</i> , <b>2010</b> , 682, 297-313	3.6	27
37	Fatigue in working muscles. <i>Journal of Applied Physiology</i> , <b>2009</b> , 106, 358-9	3.7	26
36	The role of intracellular acidosis in muscle fatigue. <i>Advances in Experimental Medicine and Biology</i> , <b>1995</b> , 384, 57-68	3.6	25
35	The rise of [Na <sup>+</sup> ] (i) during ischemia and reperfusion in the rat heart-underlying mechanisms. <i>Pflügers Archiv European Journal of Physiology</i> , <b>2007</b> , 454, 903-12	4.6	24
34	Effect of eccentric contraction-induced injury on force and intracellular pH in rat skeletal muscles. <i>Journal of Applied Physiology</i> , <b>2002</b> , 92, 93-9	3.7	24
33	Intracellular ATP measured with luciferin/luciferase in isolated single mouse skeletal muscle fibres. <i>Pflügers Archiv European Journal of Physiology</i> , <b>2002</b> , 443, 836-42	4.6	23
32	Intracellular calcium during fatigue of cane toad skeletal muscle in the absence of glucose. <i>Journal of Muscle Research and Cell Motility</i> , <b>2000</b> , 21, 481-9	3.5	21
31	Store-operated calcium entry and the localization of STIM1 and Orai1 proteins in isolated mouse sinoatrial node cells. <i>Frontiers in Physiology</i> , <b>2015</b> , 6, 69	4.6	20
30	The involvement of TRPC3 channels in sinoatrial arrhythmias. <i>Frontiers in Physiology</i> , <b>2015</b> , 6, 86	4.6	19

29	IGF-1 enhances a store-operated Ca <sup>2+</sup> channel in skeletal muscle myoblasts: involvement of a CD20-like protein. <i>Journal of Cellular Physiology</i> , <b>2003</b> , 197, 53-60	7	18
28	Time to fatigue is increased in mouse muscle at 37 degrees C; the role of iron and reactive oxygen species. <i>Journal of Physiology</i> , <b>2009</b> , 587, 4705-16	3.9	17
27	Inositol 1,4,5-trisphosphate receptors and pacemaker rhythms. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2012</b> , 53, 375-81	5.8	16
26	ATP modulates intracellular Ca <sup>2+</sup> and firing rate through a P2Y1 purinoceptor in cane toad pacemaker cells. <i>Journal of Physiology</i> , <b>2003</b> , 552, 777-87	3.9	16
25	The role of endogenous angiotensin II in ischaemia, reperfusion and preconditioning of the isolated rat heart. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2003</b> , 445, 643-50	4.6	15
24	The distribution of calcium in toad cardiac pacemaker cells during spontaneous firing. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2000</b> , 441, 219-27	4.6	15
23	RhoA/ROCK signaling and pleiotropic $\beta$ A-adrenergic receptor regulation of cardiac contractility. <i>PLoS ONE</i> , <b>2014</b> , 9, e99024	3.7	13
22	The mechanisms of sarcoplasmic reticulum Ca <sup>2+</sup> release in toad pacemaker cells. <i>Journal of Physiology</i> , <b>2000</b> , 525 Pt 3, 695-705	3.9	13
21	Changes in myoplasmic sodium concentration during exposure to lactate in perfused rat heart. <i>Cardiovascular Research</i> , <b>1994</b> , 28, 987-93	9.9	13
20	AICAR inhibits the Na <sup>+</sup> /H <sup>+</sup> exchanger in rat hearts--possible contribution to cardioprotection. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2006</b> , 453, 147-56	4.6	12
19	Resettlement Outcomes for People with Severe Challenging Behaviour Moving from Institutional to Community Living. <i>Journal of Applied Research in Intellectual Disabilities</i> , <b>2011</b> , 24, 1-17	2.2	10
18	Activation of Ca(2+)-dependent protein kinase II during repeated contractions in single muscle fibres from mouse is dependent on the frequency of sarcoplasmic reticulum Ca(2+) release. <i>Acta Physiologica</i> , <b>2007</b> , 191, 131-7	5.6	10
17	The cardioprotective effects of Na <sup>+</sup> /H <sup>+</sup> exchange inhibition and mitochondrial KATP channel activation are additive in the isolated rat heart. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2003</b> , 447, 272-9	4.6	10
16	The use of caged adenine nucleotides and caged phosphate in intact skeletal muscle fibres of the mouse. <i>Acta Physiologica Scandinavica</i> , <b>1999</b> , 166, 341-7		10
15	Cyanide inhibits the Na <sup>+</sup> /Ca <sup>2+</sup> exchanger in isolated cardiac pacemaker cells of the cane toad. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2005</b> , 449, 442-8	4.6	8
14	Muscle specific kinase protects dystrophic mdx mouse muscles from eccentric contraction-induced loss of force-producing capacity. <i>Journal of Physiology</i> , <b>2019</b> , 597, 4831-4850	3.9	7
13	Early effects of metabolic inhibition on intracellular Ca <sup>2+</sup> in toad pacemaker cells: involvement of Ca <sup>2+</sup> stores. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2003</b> , 284, H1087-94	5.2	7
12	Does Ca <sup>2+</sup> release from the sarcoplasmic reticulum influence heart rate?. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2001</b> , 28, 703-8	3	7



11	Understanding muscle from its length. <i>Journal of Physiology</i> , <b>2007</b> , 583, 3-4	3.9	5
10	The effects of intracellular injections of phosphate on intracellular calcium and force in single fibres of mouse skeletal muscle. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1996</b> , 431, 964-970	4.6	4
9	Why stretched muscles hurt--is there a role for half-sarcomere dynamics?. <i>Journal of Physiology</i> , <b>2006</b> , 573, 4	3.9	3
8	Section Review: Cardiovascular & Renal: Calcium sensitisers and heart failure. <i>Expert Opinion on Investigational Drugs</i> , <b>1995</b> , 4, 1057-1065	5.9	3
7	Stretch-Activated Channels in the Heart: Contribution to Cardiac Performance <b>2010</b> , 141-167		2
6	Conserved Role of the Large Conductance Calcium-Activated Potassium Channel, K1.1, in Sinus Node Function and Arrhythmia Risk. <i>Circulation Genomic and Precision Medicine</i> , <b>2021</b> , 14, e003144	5.2	2
5	Cooling muscles following exercise. <i>Journal of Physiology</i> , <b>2017</b> , 595, 7269	3.9	
4	Why do older humans fatigue more quickly?. <i>Journal of Physiology</i> , <b>2018</b> , 596, 3815	3.9	
3	Calcium sensitivity and muscle disease. <i>Journal of Physiology</i> , <b>2019</b> , 597, 4435-4436	3.9	
2	How to perform well in the heat <b>2005</b> , 28-29		
1	Human muscle performance. <i>Journal of Physiology</i> , <b>2020</b> , 598, 613-614	3.9	