David A Eisner

List of Publications by Year
in descending order

250 papers	13,281 citations	13865 67 h-index	28297 105 g-index
254 all docs	254 docs citations	254 times ranked	6625 citing authors

#	Article	IF	Citations
1	2022. Journal of General Physiology, 2022, 154, .	1.9	0
2	Interaction of background Ca²⁺ influx, sarcoplasmic reticulum threshold and heart failure in determining propensity for Ca²⁺ waves in sheep heart. Journal of Physiology, 2022, 600, 2637-2650.	2.9	7
3	2020: An unusual year. Journal of General Physiology, 2021, 153, .	1.9	1
4	Pseudoreplication in physiology: More means less. Journal of General Physiology, 2021, 153, .	1.9	46
5	The Cranefield Awards. Journal of General Physiology, 2021, 153, .	1.9	1
6	Blockade of sodiumâ€‘calcium exchanger via ORM-10962 attenuates cardiac alternans. Journal of Molecular and Cellular Cardiology, 2021, 153, 111-122.	1.9	9
7	Does the cardioprotective effect of Empagliflozin involve inhibition of the sodium-proton exchanger?. Cardiovascular Research, 2021, 117, 2696-2698.	3.8	4
8	PDE5 Inhibition Suppresses Ventricular Arrhythmias by Reducing SR Ca ²⁺ Content. Circulation Research, 2021, 129, 650-665.	4.5	8
9	Edward Carmeliet: his contributions and scientific legacy. Journal of Physiology, 2021, 599, 4727-4729.	2.9	0
10	OUP accepted manuscript. Cardiovascular Research, 2021, , .	3.8	0
11	Disruption of Pressure-Induced Ca ²⁺ Spark Vasoregulation of Resistance Arteries, Rather Than Endothelial Dysfunction, Underlies Obesity-Related Hypertension. Hypertension, 2020, 75, 539-548.	2.7	26
12	Chronic vagal nerve stimulation has no effect on tachycardiaâ€induced heart failure progression or excitationâ€"contraction coupling. Physiological Reports, 2020, 8, e14321.	1.7	4
13	Calcium Handling Defects and Cardiac Arrhythmia Syndromes. Frontiers in Pharmacology, 2020, 11, 72.	3.5	44
14	The Control of Diastolic Calcium in the Heart. Circulation Research, 2020, 126, 395-412.	4.5	94
15	Climbing aboard. Journal of General Physiology, 2020, 152, .	1.9	0
16	First steps. Journal of General Physiology, 2020, 152, .	1.9	0
17	Writing a peer review: a primer for junior researchers. Cardiovascular Research, 2019, 115, e93-e95.	3.8	4
18	Electroâ€physicsâ€iology clarified? No spooky action required. Experimental Physiology, 2019, 104, 1432-1433.	2.0	1

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19	Calcium Buffering in the Heart in Health and Disease. Circulation, 2019, 139, 2358-2371.	1.6	68
20	Phosphodiesterase 5 inhibition improves contractile function and restores transverse tubule loss and catecholamine responsiveness in heart failure. Scientific Reports, 2019, 9, 6801.	3.3	34
21	Misleading with citation statistics?. Journal of Physiology, 2019, 597, 2593-2594.	2.9	5
22	Not all choices are equal. Acta Physiologica, 2018, 223, e13040.	3.8	1
23	Bringing European physiologists together. Acta Physiologica, 2018, 222, e13043.	3.8	0
24	Reproducibility of science: Fraud, impact factors and carelessness. Journal of Molecular and Cellular Cardiology, 2018, 114, 364-368.	1.9	46
25	Ups and downs of calcium in the heart. Journal of Physiology, 2018, 596, 19-30.	2.9	26
26	Increased Vulnerability to Atrial Fibrillation Is Associated With Increased Susceptibility to Alternans in Old Sheep. Journal of the American Heart Association, 2018, 7, e009972.	3.7	14
27	Calcium in the Pathophysiology of Atrial Fibrillation and Heart Failure. Frontiers in Physiology, 2018, 9, 1380.	2.8	112
28	Systolic [Ca²⁺]_i regulates diastolic levels in rat ventricular myocytes. Journal of Physiology, 2017, 595, 5545-5555.	2.9	26
29	Effects of phosphodiesterase-5 inhibition with sildenafil on calcium waves in cardiac myocytes. Lancet, The, 2017, 389, S50.	13.7	1
30	Increased Ca buffering underpins remodelling of Ca²⁺ handling in old sheep atrial myocytes. Journal of Physiology, 2017, 595, 6263-6279.	2.9	13
31	Calcium and Excitation-Contraction Coupling in the Heart. Circulation Research, 2017, 121, 181-195.	4.5	526
32	171â€…Amphiphysin ii (bin1) driven transverse tubule formation in cardiac muscle. Heart, 2017, 103, A120.1-A120.	2.9	0
33	179â€…Phosphodiesterase-5 inhibition with sildenafil suppresses calcium waves by reducing sarcoplasmic reticulum content. Heart, 2017, 103, A124.1-A124.	2.9	0
34	198â€…Heart failure increases mitochondrial s-nitrosylation. Heart, 2017, 103, A134-A135.	2.9	1
35	Handing Over. Journal of Molecular and Cellular Cardiology, 2016, 101, 173-174.	1.9	2
36	Biphasic decay of the Ca transient results from increased sarcoplasmic reticulum Ca leak. Journal of Physiology, 2016, 594, 611-623.	2.9	21

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37	Postnatal Development of T-Tubules in Sheep Atrial Myocytes. Biophysical Journal, 2016, 110, 598a.	0.5	0
38	Perturbed atrial calcium handling in an ovine model of heart failure: Potential roles for reductions in the L-type calcium current. Journal of Molecular and Cellular Cardiology, 2015, 79, 169-179.	1.9	42
39	A model model: a commentary on DiFrancesco and Noble (1985) â€˜A model of cardiac electrical activity incorporating ionic pumps and concentration changesâ€™. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140316.	4.0	4
40	The effect of 2,5-di-(tert-butyl)-1,4-benzohydroquinone (TBQ) on intracellular Ca 2+ handling in rat ventricular myocytes. Cell Calcium, 2015, 58, 208-214.	2.4	7
41	218â€…Action Potential Alternans in the Ageing Ovine Atria. Heart, 2014, 100, A119-A120.	2.9	1
42	Dependence of Cardiac Transverse Tubules on the BAR Domain Protein Amphiphysin II (BIN-1). Circulation Research, 2014, 115, 986-996.	4.5	109
43	Direct measurements of SR free Ca reveal the mechanism underlying the transient effects of RyR potentiation under physiological conditions. Cardiovascular Research, 2014, 103, 554-563.	3.8	23
44	Balanced changes in Ca buffering by SERCA and troponin contribute to Ca handling during Î²-adrenergic stimulation in cardiac myocytes. Cardiovascular Research, 2014, 104, 347-354.	3.8	33
45	Calcium in the heart: from physiology to disease. Experimental Physiology, 2014, 99, 1273-1282.	2.0	50
46	Effect of reduction in ryanodine receptor calcium leak on arrhythmogenesis in rat ventricular myocytes. Lancet, The, 2014, 383, S93.	13.7	0
47	Simultaneous Measurement of Cytoplasmic and SR Calcium during Modulation of Ryanodine Receptor Open Probability in Dog Ventricular Myocytes. Biophysical Journal, 2013, 104, 438a.	0.5	0
48	Calcium flux balance in the heart. Journal of Molecular and Cellular Cardiology, 2013, 58, 110-117.	1.9	97
49	Investigating the Effects of a Cardiotoxic Drug on Calcium Homeostasis in the Heart. Biophysical Journal, 2013, 104, 604a.	0.5	0
50	A functional role for transverse (t-) tubules in the atria. Journal of Molecular and Cellular Cardiology, 2013, 58, 84-91.	1.9	36
51	Effects of phosphodiesterase type 5A inhibition on intracellular calcium handling and its implications for cardioprotection and antiarrhythmogenesis. Lancet, The, 2013, 381, S53.	13.7	0
52	How calcium signals in myocytes and pericytes are integrated across in situ microvascular networks and control microvascular tone. Cell Calcium, 2013, 54, 163-174.	2.4	59
53	May 2013 sees the celebration of the 80th Birthday of Lionel Opie, Founder of the Journal of Molecular and Cellular Cardiology. Journal of Molecular and Cellular Cardiology, 2013, 58, 1-2.	1.9	0
54	Calcium signaling in heart: Multiscale, diverse, rapid, local, and remarkable. Journal of Molecular and Cellular Cardiology, 2013, 58, 3-4.	1.9	2

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55	Sarcoplasmic Reticulum Ca-ATPase and Heart Failure 20 Years Later. Circulation Research, 2013, 113, 958-961.	4.5	38
56	Calcium signalling microdomains and the t-tubular system in atrial mycoytes: potential roles in cardiac disease and arrhythmias. Cardiovascular Research, 2013, 98, 192-203.	3.8	56
57	A Tale of Two Leaks. Circulation, 2013, 128, 941-943.	1.6	4
58	Diastolic Spontaneous Calcium Release From the Sarcoplasmic Reticulum Increases Beat-to-Beat Variability of Repolarization in Canine Ventricular Myocytes After Î²-Adrenergic Stimulation. Circulation Research, 2013, 112, 246-256.	4.5	82
59	Do calcium waves propagate between cells and synchronize alternating calcium release in rat ventricular myocytes?. Journal of Physiology, 2012, 590, 6353-6361.	2.9	9
60	Mechanisms by which Cytoplasmic Calcium Wave Propagation and Alternans Are Generated in Cardiac Atrial Myocytes Lacking T-Tubulesâ€"Insights from a Simulation Study. Biophysical Journal, 2012, 102, 1471-1482.	0.5	35
61	Changes of SERCA Activity have Proportionately Smaller Effects on Sarcoplasmic Reticulum Calcium Content. Biophysical Journal, 2011, 100, 290a.	0.5	0
62	Screening and prevention in Swiss primary care: a systematic review. International Journal of General Medicine, 2011, 4, 853.	1.8	13
63	Impaired Î²â€adrenergic responsiveness accentuates dysfunctional excitationâ€"contraction coupling in an ovine model of tachypacingâ€induced heart failure. Journal of Physiology, 2011, 589, 1367-1382.	2.9	47
64	Changes of SERCA activity have only modest effects on sarcoplasmic reticulum Ca²⁺ content in rat ventricular myocytes. Journal of Physiology, 2011, 589, 4723-4729.	2.9	47
65	Ca2+ wave probability is determined by the balance between SERCA2-dependent Ca2+ reuptake and threshold SR Ca2+ content. Cardiovascular Research, 2011, 90, 503-512.	3.8	25
66	Transverse tubules are a common feature in large mammalian atrial myocytes including human. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H1996-H2005.	3.2	142
67	The effects of hydrogen peroxide on intracellular calcium handling and contractility in the rat ventricular myocyte. Cell Calcium, 2010, 48, 341-351.	2.4	24
68	A small leak may sink a great ship but what does it do to the heart?. Journal of Physiology, 2010, 588, 4849-4849.	2.9	4
69	How does CaMKIIÎ´ phosphorylation of the cardiac ryanodine receptor contribute to inotropy?. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, E123; author reply E124.	7.1	5
70	In the RyR2 ^{R4496C} Mouse Model of CPVT, Î²-Adrenergic Stimulation Induces Ca Waves by Increasing SR Ca Content and Not by Decreasing the Threshold for Ca Waves. Circulation Research, 2010, 107, 1483-1489.	4.5	90
71	Reduced SERCA2 abundance decreases the propensity for Ca2+ wave development in ventricular myocytes. Cardiovascular Research, 2010, 86, 63-71.	3.8	46
72	Regulation of Intracellular and Mitochondrial Sodium in Health and Disease. Circulation Research, 2009, 104, 292-303.	4.5	165

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73	Characterization of an Extensive Transverse Tubular Network in Sheep Atrial Myocytes and its Depletion in Heart Failure. Circulation: Heart Failure, 2009, 2, 482-489.	3.9	144
74	Beating to time: calcium clocks, voltage clocks, and cardiac pacemaker activity. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H561-H562.	3.2	8
75	What is the purpose of the large sarcolemmal calcium flux on each heartbeat?. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H493-H494.	3.2	6
76	How Structure, Ca Signals, and Cellular Communications Underlie Function in Precapillary Arterioles. Circulation Research, 2009, 105, 803-810.	4.5	29
77	The mechanism and significance of the slow changes of ventricular action potential duration following a change of heart rate. Experimental Physiology, 2009, 94, 520-528.	2.0	45
78	The effects of membrane potential, SR Ca²⁺ content and RyR responsiveness on systolic Ca²⁺ alternans in rat ventricular myocytes. Journal of Physiology, 2009, 587, 1283-1292.	2.9	40
79	What role does modulation of the ryanodine receptor play in cardiac inotropy and arrhythmogenesis?. Journal of Molecular and Cellular Cardiology, 2009, 46, 474-481.	1.9	83
80	From the Ryanodine Receptor to Cardiac Arrhythmias. Circulation Journal, 2009, 73, 1561-1567.	1.6	57
81	The new team at JMCC. Journal of Molecular and Cellular Cardiology, 2008, 44, 1-2.	1.9	1
82	Point/Counterpoint: A new feature in the JMCC. Journal of Molecular and Cellular Cardiology, 2008, 44, 949.	1.9	0
83	Alternans of cardiac calcium cycling in a cluster of ryanodine receptors: a simulation study. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H598-H609.	3.2	38
84	Calsequestrin Mutations and Sudden Death. Circulation Research, 2008, 103, 223-225.	4.5	7
85	Chair's introduction. Novartis Foundation Symposium, 2008, , 1-5.	1.1	0
86	The sarcoplasmic reticulum and arrhythmogenic calcium release. Cardiovascular Research, 2007, 77, 285-292.	3.8	196
87	Increasing Ryanodine Receptor Open Probability Alone Does Not Produce Arrhythmogenic Calcium Waves. Circulation Research, 2007, 100, 105-111.	4.5	173
88	Sarcoplasmic reticulum and mitochondria in cardiac pathophysiology. Cardiovascular Research, 2007, 77, 231-233.	3.8	6
89	Does nitric oxide modulate cardiac ryanodine receptor function? Implications for excitation-contraction coupling. Cardiovascular Research, 2007, 77, 256-264.	3.8	64
90	Does the adenosine A2A receptor stimulate the ryanodine receptor?. Cardiovascular Research, 2007, 73, 247-248.	3.8	1

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91	Regulation of systolic [Ca²⁺]_i and cellular Ca²⁺ flux balance in rat ventricular myocytes by SR Ca²⁺, Lâ€type Ca²⁺ current and diastolic [Ca²⁺]_i. Journal of Physiology, 2007, 585, 579-592.	2.9	68
92	Analysis of cellular calcium fluxes in cardiac muscle to understand calcium homeostasis in the heart. Cell Calcium, 2007, 42, 503-512.	2.4	80
93	Evolution of calcium homeostasis: From birth of the first cell to an omnipresent signalling system. Cell Calcium, 2007, 42, 345-350.	2.4	239
94	Na/Ca Exchange: Regulator of Intracellular Calcium and Source of Arrhythmias in the Heart. Annals of the New York Academy of Sciences, 2007, 1099, 315-325.	3.8	52
95	Alternans of intracellular calcium: Mechanism and significance. Heart Rhythm, 2006, 3, 743-745.	0.7	40
96	How does endothelin-1 cause a sustained increase in intracellular sodium and calcium which lead to hypertrophy?. Journal of Molecular and Cellular Cardiology, 2006, 41, 782-784.	1.9	7
97	A mechanism distinct from the L-type Ca current or Naâ€"Ca exchange contributes to Ca entry in rat ventricular myocytes. Cell Calcium, 2006, 39, 417-423.	2.4	20
98	Reducing Ryanodine Receptor Open Probability as a Means to Abolish Spontaneous Ca 2+ Release and Increase Ca 2+ Transient Amplitude in Adult Ventricular Myocytes. Circulation Research, 2006, 98, 1299-1305.	4.5	90
99	Life, Sudden Death, and Intracellular Calcium. Circulation Research, 2006, 99, 223-224.	4.5	17
100	Stability and instability of regulation of intracellular calcium. Experimental Physiology, 2005, 90, 3-12.	2.0	51
101	The control of sarcoplasmic reticulum Ca content in cardiac muscle. Cell Calcium, 2005, 38, 391-396.	2.4	86
102	Something old, something new: Changing views on the cellular mechanisms of heart failure. Cardiovascular Research, 2005, 68, 167-174.	3.8	28
103	Sodium Calcium Exchange in the Heart. Circulation Research, 2004, 95, 549-551.	4.5	24
104	Sarcoplasmic Reticulum Calcium Content Fluctuation Is the Key to Cardiac Alternans. Circulation Research, 2004, 94, 650-656.	4.5	279
105	Interplay between SERCA and sarcolemmal Ca2+efflux pathways controls spontaneous release of Ca2+from the sarcoplasmic reticulum in rat ventricular myocytes. Journal of Physiology, 2004, 559, 121-128.	2.9	51
106	Two centuries of excitationâ€"contraction coupling. Cell Calcium, 2004, 35, 485-489.	2.4	7
107	Physiological and pathological modulation of ryanodine receptor function in cardiac muscle. Cell Calcium, 2004, 35, 583-589.	2.4	33
108	Mechanisms underlying enhanced cardiac excitation contraction coupling observed in the senescent sheep myocardium. Journal of Molecular and Cellular Cardiology, 2004, 37, 1171-81.	1.9	67

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109	A new technique for simultaneous and in situ measurements of Ca2+ signals in arteriolar smooth muscle and endothelial cells. Cell Calcium, 2003, 34, 27-33.	2.4	46
110	Normal and pathological excitationâ€“contraction coupling in the heart â€“ an overview. Journal of Physiology, 2003, 546, 3-4.	2.9	13
111	pHâ€dependent and â€independent effects inhibit Ca 2+ â€induced Ca 2+ release during metabolic blockade in rat ventricular myocytes. Journal of Physiology, 2003, 550, 413-418.	2.9	7
112	No role for a voltage sensitive release mechanism in cardiac muscle. Journal of Molecular and Cellular Cardiology, 2003, 35, 145-151.	1.9	13
113	Sarcoplasmic Reticulum Ca 2+ and Heart Failure. Circulation Research, 2003, 93, 487-490.	4.5	267
114	Illuminating Sarcoplasmic Reticulum Calcium. Circulation Research, 2003, 93, 4-5.	4.5	9
115	Heart Failure and the Ryanodine Receptor. Circulation Research, 2002, 91, 979-981.	4.5	21
116	Depressed Ryanodine Receptor Activity Increases Variability and Duration of the Systolic Ca 2+ Transient in Rat Ventricular Myocytes. Circulation Research, 2002, 91, 585-593.	4.5	148
117	pH-induced changes in calcium: functional consequences and mechanisms of action in guinea pig portal vein. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H2518-H2526.	3.2	2
118	Integrative analysis of calcium signalling in cardiac muscle. Frontiers in Bioscience - Landmark, 2002, 7, d843.	3.0	32
119	Excitation-Contraction Coupling in Cardiac Muscle. Advances in Muscle Research, 2002, , 49-89.	0.4	4
120	The Effects of Exogenous Calcium Buffers on the Systolic Calcium Transient in Rat Ventricular Myocytes. Biophysical Journal, 2001, 80, 1915-1925.	0.5	36
121	The role of intracellular Ca buffers in determining the shape of the systolic Ca transient in cardiac ventricular myocytes. Pflugers Archiv European Journal of Physiology, 2001, 442, 96-100.	2.8	33
122	Low sodium inotropy is accompanied by diastolic Ca 2+ gain and systolic loss in isolated guineaâ€pig ventricular myocytes. Journal of Physiology, 2001, 530, 487-495.	2.9	14
123	Simultaneous measurements of changes in sarcoplasmic reticulum and cytosolic [Ca 2+] in rat uterine smooth muscle cells. Journal of Physiology, 2001, 531, 707-713.	2.9	88
124	Altered Cardiac Sarcoplasmic Reticulum Function of Intact Myocytes of Rat Ventricle During Metabolic Inhibition. Circulation Research, 2001, 88, 181-187.	4.5	44
125	Coordinated Control of Cell Ca ²⁺ Loading and Triggered Release From the Sarcoplasmic Reticulum Underlies the Rapid Inotropic Response to Increased L-Type Ca ²⁺ Current. Circulation Research, 2001, 88, 195-201.	4.5	116
126	Effects of mefloquine on cardiac contractility and electrical activity in vivo , in isolated cardiac preparations, and in single ventricular myocytes. British Journal of Pharmacology, 2000, 129, 323-330.	5.4	40

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127	The effect of acidosis on systolic Ca 2+ and sarcoplasmic reticulum calcium content in isolated rat ventricular myocytes. Journal of Physiology, 2000, 529, 661-668.	2.9	73
128	Modulation of CICR has no maintained effect on systolic Ca 2+ : simultaneous measurements of sarcoplasmic reticulum and sarcolemmal Ca 2+ fluxes in rat ventricular myocytes. Journal of Physiology, 2000, 522, 259-270.	2.9	156
129	The effects of low concentrations of caffeine on spontaneous Ca release in isolated rat ventricular myocytes. Cell Calcium, 2000, 28, 269-276.	2.4	89
130	Measurement of calcium entry and exit in quiescent rat ventricular myocytes. Pflugers Archiv European Journal of Physiology, 2000, 440, 600-608.	2.8	23
131	No Role for the Ryanodine Receptor in Regulating Cardiac Contraction?. Physiology, 2000, 15, 275-279.	3.1	13
132	Can changes of ryanodine receptor expression affect cardiac contractility?. Cardiovascular Research, 2000, 45, 1068-1069.	3.8	5
133	Integrative Analysis of Calcium Cycling in Cardiac Muscle. Circulation Research, 2000, 87, 1087-1094.	4.5	287
134	The Ryanodine Receptor: Cause or Consequence of Diabetic Heart Failure?. Journal of Molecular and Cellular Cardiology, 2000, 32, 1377-1378.	1.9	3
135	Measurement of calcium entry and exit in quiescent rat ventricular myocytes. Pflugers Archiv European Journal of Physiology, 2000, 440, 600.	2.8	1
136	The role of the sarcoplasmic reticulum as a Ca2+sink in rat uterine smooth muscle cells. Journal of Physiology, 1999, 520, 153-163.	2.9	64
137	The role of sarcolemmal Ca2+-ATPase in the regulation of resting calcium concentration in rat ventricular myocytes. Journal of Physiology, 1999, 515, 109-118.	2.9	81
138	The effects of inhibition of the sarcolemmal Ca-ATPase on systolic calcium fluxes and intracellular calcium concentration in rat ventricular myocytes. Pflugers Archiv European Journal of Physiology, 1999, 437, 966-971.	2.8	34
139	A novel, rapid and reversible method to measure Ca buffering and time-course of total sarcoplasmic reticulum Ca content in cardiac ventricular myocytes. Pflugers Archiv European Journal of Physiology, 1999, 437, 501.	2.8	123
140	Strophanthidin-induced gain of Ca 2+ occurs during diastole and not systole in guinea-pig ventricular myocytes. Pflugers Archiv European Journal of Physiology, 1999, 437, 731-736.	2.8	13
141	Another trigger for the heartbeat. Journal of Physiology, 1998, 513, 1-1.	2.9	4
142	The effect of tetracaine on stimulated contractions, sarcoplasmic reticulum Ca2+content and membrane current in isolated rat ventricular myocytes. Journal of Physiology, 1998, 507, 759-769.	2.9	74
143	Properties of voltage-activated [Ca2+]itransients in single smooth muscle cells isolated from pregnant rat uterus. Journal of Physiology, 1998, 511, 803-811.	2.9	76
144	Measurement of Sarcoplasmic Reticulum Ca Content and Sarcolemmal Fluxes during the Transient Stimulation of the Systolic Ca Transient Produced by Caffeine. Annals of the New York Academy of Sciences, 1998, 853, 368-371.	3.8	8

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145	The effects of changing intracellular pH on calcium and potassium currents in smooth muscle cells from the guinea-pig ureter. Pflugers Archiv European Journal of Physiology, 1998, 435, 518-522.	2.8	15
146	Ca-activated chloride current and Na-Ca exchange have different timecourses during sarcoplasmic reticulum Ca release in ferret ventricular myocytes. Pflugers Archiv European Journal of Physiology, 1998, 435, 743-745.	2.8	42
147	2,3-Butanedione monoxime (BDM) decreases sarcoplasmic reticulum Ca content by stimulating Ca release in isolated rat ventricular myocytes. Pflugers Archiv European Journal of Physiology, 1998, 436, 776-781.	2.8	31
148	Carboxyeosin decreases the rate of decay of the [Ca 2+] i transient in uterine smooth muscle cells isolated from pregnant rats. Pflugers Archiv European Journal of Physiology, 1998, 437, 158-160.	2.8	37
149	Stimulation of Ca-induced Ca release only transiently increases the systolic Ca transient: measurements of Ca fluxes and sarcoplasmic reticulum Ca. Cardiovascular Research, 1998, 37, 710-717.	3.8	48
150	The control of Ca release from the cardiac sarcoplasmic reticulum: regulation versus autoregulation. Cardiovascular Research, 1998, 38, 589-604.	3.8	188
151	Measurement of sarcoplasmic reticulum Ca2+content and sarcolemmal Ca2+fluxes in isolated rat ventricular myocytes during spontaneous Ca2+release. Journal of Physiology, 1997, 501, 3-16.	2.9	182
152	The role of the sarcolemmal Ca2⁺ â€ATPase in the pH transients associated with contraction in rat smooth muscle. Journal of Physiology, 1997, 505, 329-336.	2.9	28
153	The effect of tetracaine on supontaneous Ca2+release and sarcoplasmic reticulum calcium content in rat ventricular myocytes. Journal of Physiology, 1997, 502, 471-479.	2.9	88
154	A measurable reduction of s.r. Ca content follows spontaneous Ca release in rat ventricular myocytes. Pflugers Archiv European Journal of Physiology, 1997, 434, 852-854.	2.8	36
155	Enhanced Ca ²⁺ Current and Decreased Ca ²⁺ Efflux Restore Sarcoplasmic Reticulum Ca ²⁺ Content After Depletion. Circulation Research, 1997, 81, 477-484.	4.5	99
156	Cardiac Na-Ca Exchange and pH. Annals of the New York Academy of Sciences, 1996, 779, 182-198.	3.8	40
157	Intracellular pH Is Insensitive to Changes in Intracellular Calcium Concentration in Isolated Rat Ventricular Myocytesa. Annals of the New York Academy of Sciences, 1996, 779, 529-531.	3.8	0
158	Simultaneous Measurement of Intracellular pH, Calcium, and Tension in Rat Mesenteric Vessels: Effects of Extracellular pH. Biochemical and Biophysical Research Communications, 1996, 222, 537-540.	2.1	19
159	A sideways look at sparks, quarks, puffs and blips.. Journal of Physiology, 1996, 497, 2-2.	2.9	8
160	The sarcolemmal mechanisms involved in the control of diastolic intracellular calcium in isolated rat cardiac trabeculae. Pflugers Archiv European Journal of Physiology, 1996, 432, 961-969.	2.8	27
161	Variability of Spontaneous Ca ²⁺ Release Between Different Rat Ventricular Myocytes Is Correlated With Na ⁺ -Ca ²⁺ Exchange and [Na ⁺] _i. Circulation Research, 1996, 78, 857-862.	4.5	30
162	Comparison of â€œNear Membraneâ€•and Bulk Cytoplasmic Calcium Concentration in Single Cardiac Ventricular Myocytes During Spontaneous Calcium Waves. , 1996, , 109-128.		0

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163	Factors controlling changes in intracellular Ca2+ concentration produced by noradrenaline in rat mesenteric artery smooth muscle cells.. Journal of Physiology, 1995, 482, 247-258.	2.9	32
164	Propagating calcium waves initiated by local caffeine application in rat ventricular myocytes.. Journal of Physiology, 1995, 489, 319-326.	2.9	53
165	Comparison of subsarcolemmal and bulk calcium concentration during spontaneous calcium release in rat ventricular myocytes.. Journal of Physiology, 1995, 488, 577-586.	2.9	112
166	Estimate of net calcium fluxes and sarcoplasmic reticulum calcium content during systole in rat ventricular myocytes.. Journal of Physiology, 1995, 486, 581-591.	2.9	92
167	Changes of pH affect calcium currents but not outward potassium currents in rat myometrial cells. Pflugers Archiv European Journal of Physiology, 1995, 431, 135-137.	2.8	28
168	Sydney Ringer viewed in a new light. Cardiovascular Research, 1994, 28, 1765-1768.	3.8	2
169	Properties of the Fluorescent Sodium Indicator SBFI in Rat and Rabbit Cardiac Myocytes. Journal of Cardiovascular Electrophysiology, 1994, 5, 637-637.	1.7	0
170	Comparison of the effects of caffeine and other methylxanthines on [Ca²⁺]_i in rat ventricular myocytes. British Journal of Pharmacology, 1994, 111, 455-458.	5.4	17
171	Factors affecting the propagation of locally activated systolic Ca transients in rat ventricular myocytes. Pflugers Archiv European Journal of Physiology, 1993, 425, 181-183.	2.8	45
172	An estimate of the calcium content of the sarcoplasmic reticulum in rat ventricular myocytes. Pflugers Archiv European Journal of Physiology, 1993, 423-423, 158-160.	2.8	191
173	The effects of lactic acid production on contraction and intracellular pH during hypoxia in cardiac muscle. Basic Research in Cardiology, 1993, 88, 421-429.	5.9	9
174	Grant policy. Nature, 1993, 364, 375-375.	27.8	0
175	The relative contributions of different intracellular and sarcolemmal systems to relaxation in rat ventricular myocytes. Cardiovascular Research, 1993, 27, 1826-1830.	3.8	158
176	Effects of metabolic inhibition and changes of intracellular pH on potassium permeability and contraction of rat uterus.. Journal of Physiology, 1993, 465, 43-56.	2.9	42
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