

Andrew Trafford

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3722085/publications.pdf>

Version: 2024-02-01

127
papers

7,392
citations

47006

47
h-index

56724

83
g-index

131
all docs

131
docs citations

131
times ranked

6886
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal melatonin: Effective intervention against developmental programming of cardiovascular dysfunction in adult offspring of complicated pregnancy. <i>Journal of Pineal Research</i> , 2022, 72, e12766.	7.4	11
2	Cardiac Transverse Tubules in Physiology and Heart Failure. <i>Annual Review of Physiology</i> , 2022, 84, 229-255.	13.1	15
3	Interaction of background Ca ²⁺ influx, sarcoplasmic reticulum threshold and heart failure in determining propensity for Ca ²⁺ waves in sheep heart. <i>Journal of Physiology</i> , 2022, 600, 2637-2650.	2.9	7
4	Alkaline nucleoplasm facilitates contractile gene expression in the mammalian heart. <i>Basic Research in Cardiology</i> , 2022, 117, 17.	5.9	3
5	PO-614-03 ALTERED SUBCELLULAR CALCIUM RELEASE IN THE HEART FAILURE ATRIA. <i>Heart Rhythm</i> , 2022, 19, S104.	0.7	0
6	Peptide location fingerprinting identifies species- and tissue-conserved structural remodelling of proteins as a consequence of ageing and disease. <i>Matrix Biology</i> , 2022, 114, 108-137.	3.6	6
7	Sex-dependent effects of developmental hypoxia on cardiac mitochondria from adult murine offspring. <i>Free Radical Biology and Medicine</i> , 2021, 162, 490-499.	2.9	16
8	Response to correspondence on "Reproducibility of CRISPR-Cas9 methods for generation of conditional mouse alleles: a multi-center evaluation" <i>Genome Biology</i> , 2021, 22, 99.	8.8	4
9	Distinct circadian mechanisms govern cardiac rhythms and susceptibility to arrhythmia. <i>Nature Communications</i> , 2021, 12, 2472.	12.8	33
10	Optimising Large Animal Models of Sustained Atrial Fibrillation: Relevance of the Critical Mass Hypothesis. <i>Frontiers in Physiology</i> , 2021, 12, 690897.	2.8	1
11	Electrophysiological and Proarrhythmic Effects of Hydroxychloroquine Challenge in Guinea-Pig Hearts. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1639-1653.	4.9	6
12	Peptide Location Fingerprinting Reveals Tissue Region-Specific Differences in Protein Structures in an Ageing Human Organ. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10408.	4.1	9
13	PDE5 Inhibition Suppresses Ventricular Arrhythmias by Reducing SR Ca ²⁺ Content. <i>Circulation Research</i> , 2021, 129, 650-665.	4.5	8
14	Postnatal Enalapril to Improve Cardiovascular Function Following Preterm Preeclampsia (PICK-UP): Hypertension, 2020, 76, 1828-1837.	2.7	33
15	Non-ischemic Heart Preservation via Hypothermic Cardioplegic Perfusion Induces Immunodepletion of Donor Hearts Resulting in Diminished Graft Infiltration Following Transplantation. <i>Frontiers in Immunology</i> , 2020, 11, 1621.	4.8	11
16	Chronic vagal nerve stimulation has no effect on tachycardia-induced heart failure progression or excitation-contraction coupling. <i>Physiological Reports</i> , 2020, 8, e14321.	1.7	4
17	The Control of Diastolic Calcium in the Heart. <i>Circulation Research</i> , 2020, 126, 395-412.	4.5	94
18	Reproducibility of CRISPR-Cas9 methods for generation of conditional mouse alleles: a multi-center evaluation. <i>Genome Biology</i> , 2019, 20, 171.	8.8	69

#	ARTICLE	IF	CITATIONS
19	Letter by Hutchings et al Regarding Article, "Preimplant Phosphodiesterase-5 Inhibitor Use Is Associated With Higher Rates of Severe Early Right Heart Failure After Left Ventricular Assist Device Implantation : An INTERMACS Analysis" Circulation: Heart Failure, 2019, 12, e006410.	3.9	1
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	Phosphodiesterase-5 inhibitors and the heart: compound cardioprotection?. Heart, 2018, 104, 1244-1250.	2.9	63
22	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
23	Calcium in the Pathophysiology of Atrial Fibrillation and Heart Failure. Frontiers in Physiology, 2018, 9, 1380.	2.8	112
24	Effects of phosphodiesterase-5 inhibition with sildenafil on calcium waves in cardiac myocytes. Lancet, The, 2017, 389, S50.	13.7	1
25	Letter by Pearman et al. Regarding article "Effect of botulinum toxin on inducibility and maintenance of atrial fibrillation in ovine myocardial tissue" PACE - Pacing and Clinical Electrophysiology, 2017, 40, 1186-1186.	1.2	0
26	Increased Ca buffering underpins remodelling of Ca ²⁺ handling in old sheep atrial myocytes. Journal of Physiology, 2017, 595, 6263-6279.	2.9	13
27	Calcium and Excitation-Contraction Coupling in the Heart. Circulation Research, 2017, 121, 181-195.	4.5	526
28	A computational model of spatio-temporal cardiac intracellular calcium handling with realistic structure and spatial flux distribution from sarcoplasmic reticulum and t-tubule reconstructions. PLoS Computational Biology, 2017, 13, e1005714.	3.2	49
29	Vagal Nerve Stimulation for the Treatment of Heart Failure. , 2017, , 157-179.		1
30	Phosphodiesterase type-5 inhibitor use in type 2 diabetes is associated with a reduction in all-cause mortality. Heart, 2016, 102, 1750-1756.	2.9	74
31	Temporal Development of Autonomic Dysfunction in Heart Failure: Effects of Age in an Ovine Rapid-pacing Model. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 1544-1552.	3.6	7
32	Frequency-modulated atomic force microscopy localises viscoelastic remodelling in the ageing sheep aorta. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 64, 10-17.	3.1	16
33	Omega-3 fatty acids do not alter P-wave parameters in electrocardiogram or expression of atrial connexins in patients undergoing coronary artery bypass surgery. Europace, 2016, 18, 1521-1527.	1.7	5
34	Aging and the cardiac collagen matrix: Novel mediators of fibrotic remodelling. Journal of Molecular and Cellular Cardiology, 2016, 93, 175-185.	1.9	209
35	Three-Dimensional Structure of the Intercalated Disc Reveals Plicate Domain and Gap Junction Remodeling in Heart Failure. Biophysical Journal, 2015, 108, 498-507.	0.5	44
36	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

#	ARTICLE	IF	CITATIONS
37	MAPS; acute safety data of the St Jude accent - tendril IPG system during prolonged max power CMR scanning. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, .	3.3	0
38	A model model: a commentary on DiFrancesco and Noble (1985) – A model of cardiac electrical activity incorporating ionic pumps and concentration changes™. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140316.	4.0	4
39	Concise Review: Cardiac Disease Modeling Using Induced Pluripotent Stem Cells. <i>Stem Cells</i> , 2015, 33, 2643-2651.	3.2	39
40	Dependence of Cardiac Transverse Tubules on the BAR Domain Protein Amphiphysin II (BIN-1). <i>Circulation Research</i> , 2014, 115, 986-996.	4.5	109
41	Direct measurements of SR free Ca reveal the mechanism underlying the transient effects of RyR potentiation under physiological conditions. <i>Cardiovascular Research</i> , 2014, 103, 554-563.	3.8	23
42	Balanced changes in Ca buffering by SERCA and troponin contribute to Ca handling during β^2 -adrenergic stimulation in cardiac myocytes. <i>Cardiovascular Research</i> , 2014, 104, 347-354.	3.8	33
43	An Induced Pluripotent Stem Cell Model of Hypoplastic Left Heart Syndrome (HLHS) Reveals Multiple Expression and Functional Differences in HLHS-Derived Cardiac Myocytes. <i>Stem Cells Translational Medicine</i> , 2014, 3, 416-423.	3.3	72
44	Three-Dimensional Reconstruction of Cardiac Sarcoplasmic Reticulum Reveals a Continuous Network Linking Transverse-Tubules. <i>Circulation Research</i> , 2013, 113, 1219-1230.	4.5	117
45	Calcium flux balance in the heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 58, 110-117.	1.9	97
46	Investigating the Effects of a Cardiotoxic Drug on Calcium Homeostasis in the Heart. <i>Biophysical Journal</i> , 2013, 104, 604a.	0.5	0
47	A functional role for transverse (t-) tubules in the atria. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 58, 84-91.	1.9	36
48	Sarcoplasmic Reticulum Ca-ATPase and Heart Failure 20 Years Later. <i>Circulation Research</i> , 2013, 113, 958-961.	4.5	38
49	Calcium signalling microdomains and the t-tubular system in atrial myocytes: potential roles in cardiac disease and arrhythmias. <i>Cardiovascular Research</i> , 2013, 98, 192-203.	3.8	56
50	Human junctophilin-2 undergoes a structural rearrangement upon binding PtdIns(3,4,5)P ₃ and the S101R mutation identified in hypertrophic cardiomyopathy obviates this response. <i>Biochemical Journal</i> , 2013, 456, 205-217.	3.7	26
51	Diastolic Spontaneous Calcium Release From the Sarcoplasmic Reticulum Increases Beat-to-Beat Variability of Repolarization in Canine Ventricular Myocytes After β^2 -Adrenergic Stimulation. <i>Circulation Research</i> , 2013, 112, 246-256.	4.5	82
52	Both collagen and elastin matrices are remodeled in the failing ovine atria – a role for elastin-degrading enzymes in atrial structural remodeling. <i>FASEB Journal</i> , 2013, 27, 1129.7.	0.5	0
53	Enhanced Sarcoplasmic Reticulum Ca ²⁺ Leak and Increased Na ⁺ -Ca ²⁺ Exchanger Function Underlie Delayed Afterdepolarizations in Patients With Chronic Atrial Fibrillation. <i>Circulation</i> , 2012, 125, 2059-2070.	1.6	523
54	Oral abstract presentations. <i>Cardiovascular Research</i> , 2012, 93, S88-S91.	3.8	0

#	ARTICLE	IF	CITATIONS
55	Age-related divergent remodeling of the cardiac extracellular matrix in heart failure: Collagen accumulation in the young and loss in the aged. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 82-90.	1.9	88
56	Age-dependent alterations to the cardiac extracellular matrix in heart failure: differences between ventricular and atrial remodeling. <i>FASEB Journal</i> , 2012, 26, .	0.5	0
57	Primum non nocere: When will ryanodine receptor leak find its role in heart failure?. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 13-15.	1.9	1
58	The devil is in the details: Methodological reviews – A new JMCC initiative. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 939.	1.9	1
59	How can we improve our understanding of cardiovascular safety liabilities to develop safer medicines?. <i>British Journal of Pharmacology</i> , 2011, 163, 675-693.	5.4	306
60	Impaired β -adrenergic responsiveness accentuates dysfunctional excitation-contraction coupling in an ovine model of tachypacing-induced heart failure. <i>Journal of Physiology</i> , 2011, 589, 1367-1382.	2.9	47
61	Changes of SERCA activity have only modest effects on sarcoplasmic reticulum Ca^{2+} content in rat ventricular myocytes. <i>Journal of Physiology</i> , 2011, 589, 4723-4729.	2.9	47
62	Localised micro-mechanical stiffening in the ageing aorta. <i>Mechanisms of Ageing and Development</i> , 2011, 132, 459-467.	4.6	45
63	Ca^{2+} wave probability is determined by the balance between SERCA2-dependent Ca^{2+} reuptake and threshold SR Ca^{2+} content. <i>Cardiovascular Research</i> , 2011, 90, 503-512.	3.8	25
64	Transverse tubules are a common feature in large mammalian atrial myocytes including human. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H1996-H2005.	3.2	142
65	How does CaMKII β phosphorylation of the cardiac ryanodine receptor contribute to inotropy?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, E123; author reply E124.	7.1	5
66	In the RyR2 R4496C Mouse Model of CPVT, β -Adrenergic Stimulation Induces Ca Waves by Increasing SR Ca Content and Not by Decreasing the Threshold for Ca Waves. <i>Circulation Research</i> , 2010, 107, 1483-1489.	4.5	90
67	Reduced SERCA2 abundance decreases the propensity for Ca^{2+} wave development in ventricular myocytes. <i>Cardiovascular Research</i> , 2010, 86, 63-71.	3.8	46
68	Tissue section AFM: In situ ultrastructural imaging of native biomolecules. <i>Matrix Biology</i> , 2010, 29, 254-260.	3.6	98
69	Characterization of an Extensive Transverse Tubular Network in Sheep Atrial Myocytes and its Depletion in Heart Failure. <i>Circulation: Heart Failure</i> , 2009, 2, 482-489.	3.9	144
70	What is the purpose of the large sarcolemmal calcium flux on each heartbeat?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H493-H494.	3.2	6
71	Nanoindentation of histological specimens: Mapping the elastic properties of soft tissues. <i>Journal of Materials Research</i> , 2009, 24, 638-646.	2.6	73
72	The mechanism and significance of the slow changes of ventricular action potential duration following a change of heart rate. <i>Experimental Physiology</i> , 2009, 94, 520-528.	2.0	45

#	ARTICLE	IF	CITATIONS
73	Differences in intracellular calcium homeostasis between atrial and ventricular myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 463-473.	1.9	149
74	What role does modulation of the ryanodine receptor play in cardiac inotropy and arrhythmogenesis?. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 474-481.	1.9	83
75	Keeping the beat: Life without SERCA " Is it possible?. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 47, 171-173.	1.9	7
76	From the Ryanodine Receptor to Cardiac Arrhythmias. <i>Circulation Journal</i> , 2009, 73, 1561-1567.	1.6	57
77	Extracellular matrix profiles in the progression to heart failure. <i>Acta Physiologica</i> , 2008, 194, 3-21.	3.8	83
78	The sarcoplasmic reticulum and arrhythmogenic calcium release. <i>Cardiovascular Research</i> , 2007, 77, 285-292.	3.8	196
79	Increasing Ryanodine Receptor Open Probability Alone Does Not Produce Arrhythmogenic Calcium Waves. <i>Circulation Research</i> , 2007, 100, 105-111.	4.5	173
80	Spatial disruption and enhanced degradation of collagen with the transition from compensated ventricular hypertrophy to symptomatic congestive heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H1364-H1372.	3.2	40
81	Regulation of systolic $[Ca^{2+}]_i$ and cellular Ca^{2+} flux balance in rat ventricular myocytes by SR Ca^{2+} , L-type Ca^{2+} current and diastolic $[Ca^{2+}]_i$. <i>Journal of Physiology</i> , 2007, 585, 579-592.	2.9	68
82	Analysis of cellular calcium fluxes in cardiac muscle to understand calcium homeostasis in the heart. <i>Cell Calcium</i> , 2007, 42, 503-512.	2.4	80
83	Na/Ca Exchange: Regulator of Intracellular Calcium and Source of Arrhythmias in the Heart. <i>Annals of the New York Academy of Sciences</i> , 2007, 1099, 315-325.	3.8	52
84	A mechanism distinct from the L-type Ca current or Na^{+}/Ca^{2+} exchange contributes to Ca entry in rat ventricular myocytes. <i>Cell Calcium</i> , 2006, 39, 417-423.	2.4	20
85	Reducing Ryanodine Receptor Open Probability as a Means to Abolish Spontaneous Ca^{2+} Release and Increase Ca^{2+} Transient Amplitude in Adult Ventricular Myocytes. <i>Circulation Research</i> , 2006, 98, 1299-1305.	4.5	90
86	Life, Sudden Death, and Intracellular Calcium. <i>Circulation Research</i> , 2006, 99, 223-224.	4.5	17
87	Stability and instability of regulation of intracellular calcium. <i>Experimental Physiology</i> , 2005, 90, 3-12.	2.0	51
88	The control of sarcoplasmic reticulum Ca content in cardiac muscle. <i>Cell Calcium</i> , 2005, 38, 391-396.	2.4	86
89	Photoperiod-dependent modulation of cardiac excitation contraction coupling in the Siberian hamster. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 288, R607-R614.	1.8	18
90	Enhanced sarcolemmal Ca^{2+} efflux reduces sarcoplasmic reticulum Ca^{2+} content and systolic Ca^{2+} in cardiac hypertrophy. <i>Cardiovascular Research</i> , 2004, 62, 538-547.	3.8	64

#	ARTICLE	IF	CITATIONS
91	Physiological and pathological modulation of ryanodine receptor function in cardiac muscle. <i>Cell Calcium</i> , 2004, 35, 583-589.	2.4	33
92	Mechanisms underlying enhanced cardiac excitation contraction coupling observed in the senescent sheep myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 2004, 37, 1171-81.	1.9	67
93	Location, location, location: new avenues to determine the function of the cardiac Na ⁺ Ca ²⁺ exchanger?. <i>Journal of Molecular and Cellular Cardiology</i> , 2003, 35, 1321-1324.	1.9	1
94	No role for a voltage sensitive release mechanism in cardiac muscle. <i>Journal of Molecular and Cellular Cardiology</i> , 2003, 35, 145-151.	1.9	13
95	Illuminating Sarcoplasmic Reticulum Calcium. <i>Circulation Research</i> , 2003, 93, 4-5.	4.5	9
96	DYNAMICS OF CARDIAC INTRACELLULAR Ca ²⁺ HANDLING FROM EXPERIMENTS TO VIRTUAL CELLS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2003, 13, 3535-3560.	1.7	1
97	Heart Failure and the Ryanodine Receptor. <i>Circulation Research</i> , 2002, 91, 979-981.	4.5	21
98	Integrative analysis of calcium signalling in cardiac muscle. <i>Frontiers in Bioscience - Landmark</i> , 2002, 7, d843.	3.0	32
99	Excitation-Contraction Coupling in Cardiac Muscle. <i>Advances in Muscle Research</i> , 2002, , 49-89.	0.4	4
100	The Effects of Exogenous Calcium Buffers on the Systolic Calcium Transient in Rat Ventricular Myocytes. <i>Biophysical Journal</i> , 2001, 80, 1915-1925.	0.5	36
101	The role of intracellular Ca buffers in determining the shape of the systolic Ca transient in cardiac ventricular myocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 2001, 442, 96-100.	2.8	33
102	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. <i>Circulation Research</i> , 2001, 88, 195-201.	4.5	116
103	The effect of acidosis on systolic Ca ²⁺ and sarcoplasmic reticulum calcium content in isolated rat ventricular myocytes. <i>Journal of Physiology</i> , 2000, 529, 661-668.	2.9	73
104	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. <i>Journal of Physiology</i> , 2000, 522, 259-270.	2.9	156
105	The effects of low concentrations of caffeine on spontaneous Ca release in isolated rat ventricular myocytes. <i>Cell Calcium</i> , 2000, 28, 269-276.	2.4	89
106	Measurement of calcium entry and exit in quiescent rat ventricular myocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 2000, 440, 600-608.	2.8	23
107	No Role for the Ryanodine Receptor in Regulating Cardiac Contraction?. <i>Physiology</i> , 2000, 15, 275-279.	3.1	13
108	Can changes of ryanodine receptor expression affect cardiac contractility?. <i>Cardiovascular Research</i> , 2000, 45, 1068-1069.	3.8	5

#	ARTICLE	IF	CITATIONS
109	Integrative Analysis of Calcium Cycling in Cardiac Muscle. <i>Circulation Research</i> , 2000, 87, 1087-1094.	4.5	287
110	The Ryanodine Receptor: Cause or Consequence of Diabetic Heart Failure?. <i>Journal of Molecular and Cellular Cardiology</i> , 2000, 32, 1377-1378.	1.9	3
111	Measurement of calcium entry and exit in quiescent rat ventricular myocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 2000, 440, 600.	2.8	1
112	A novel, rapid and reversible method to measure Ca buffering and time-course of total sarcoplasmic reticulum Ca content in cardiac ventricular myocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 1999, 437, 501.	2.8	123
113	Another trigger for the heartbeat. <i>Journal of Physiology</i> , 1998, 513, 1-1.	2.9	4
114	Measurement of Sarcoplasmic Reticulum Ca Content and Sarcolemmal Fluxes during the Transient Stimulation of the Systolic Ca Transient Produced by Caffeine. <i>Annals of the New York Academy of Sciences</i> , 1998, 853, 368-371.	3.8	8
115	Ca-activated chloride current and Na-Ca exchange have different timecourses during sarcoplasmic reticulum Ca release in ferret ventricular myocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 1998, 435, 743-745.	2.8	42
116	2,3-Butanedione monoxime (BDM) decreases sarcoplasmic reticulum Ca content by stimulating Ca release in isolated rat ventricular myocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 1998, 436, 776-781.	2.8	31
117	Stimulation of Ca-induced Ca release only transiently increases the systolic Ca transient: measurements of Ca fluxes and sarcoplasmic reticulum Ca. <i>Cardiovascular Research</i> , 1998, 37, 710-717.	3.8	48
118	The control of Ca release from the cardiac sarcoplasmic reticulum: regulation versus autoregulation. <i>Cardiovascular Research</i> , 1998, 38, 589-604.	3.8	188
119	Measurement of sarcoplasmic reticulum Ca ²⁺ content and sarcolemmal Ca ²⁺ fluxes in isolated rat ventricular myocytes during spontaneous Ca ²⁺ release. <i>Journal of Physiology</i> , 1997, 501, 3-16.	2.9	182
120	A measurable reduction of s.r. Ca content follows spontaneous Ca release in rat ventricular myocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 1997, 434, 852-854.	2.8	36
121	Enhanced Ca ²⁺ Current and Decreased Ca ²⁺ Efflux Restore Sarcoplasmic Reticulum Ca ²⁺ Content After Depletion. <i>Circulation Research</i> , 1997, 81, 477-484.	4.5	99
122	Variability of Spontaneous Ca ²⁺ Release Between Different Rat Ventricular Myocytes Is Correlated With Na ⁺ -Ca ²⁺ Exchange and [Na ⁺] _i . <i>Circulation Research</i> , 1996, 78, 857-862.	4.5	30
123	Comparison of "Near Membrane" and Bulk Cytoplasmic Calcium Concentration in Single Cardiac Ventricular Myocytes During Spontaneous Calcium Waves. , 1996, , 109-128.		0
124	Propagating calcium waves initiated by local caffeine application in rat ventricular myocytes.. <i>Journal of Physiology</i> , 1995, 489, 319-326.	2.9	53
125	Comparison of subsarcolemmal and bulk calcium concentration during spontaneous calcium release in rat ventricular myocytes.. <i>Journal of Physiology</i> , 1995, 488, 577-586.	2.9	112
126	Use of medetomidine and butorphanol for sedation in dogs. <i>Journal of Small Animal Practice</i> , 1994, 35, 495-498.	1.2	34

#	ARTICLE	IF	CITATIONS
127	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