

Christopher L-H Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2180882/publications.pdf>

Version: 2024-02-01

130
papers

3,775
citations

126708
33
h-index

161609
54
g-index

138
all docs

138
docs citations

138
times ranked

3365
citing authors

#	ARTICLE	IF	CITATIONS
1	Slowed conduction and ventricular tachycardia after targeted disruption of the cardiac sodium channel gene Scn5a. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6210-6215.	3.3	360
2	Modernized Classification of Cardiac Antiarrhythmic Drugs. Circulation, 2018, 138, 1879-1896.	1.6	177
3	Determinants of myocardial conduction velocity: implications for arrhythmogenesis. Frontiers in Physiology, 2013, 4, 154.	1.3	155
4	Reciprocal dihydropyridine and ryanodine receptor interactions in skeletal muscle activation. Journal of Muscle Research and Cell Motility, 2011, 32, 171-202.	0.9	122
5	A new look at sodium channel \hat{I}^2 subunits. Open Biology, 2015, 5, 140192.	1.5	111
6	Sinus node dysfunction following targeted disruption of the murine cardiac sodium channel gene Scn5a. Journal of Physiology, 2005, 567, 387-400.	1.3	107
7	Cardiac Na ⁺ Current Regulation by Pyridine Nucleotides. Circulation Research, 2009, 105, 737-745.	2.0	103
8	Murine Electrophysiological Models of Cardiac Arrhythmogenesis. Physiological Reviews, 2017, 97, 283-409.	13.1	96
9	Epac activation, altered calcium homeostasis and ventricular arrhythmogenesis in the murine heart. Pflügers Archiv European Journal of Physiology, 2008, 457, 253-270.	1.3	68
10	Cortical spreading depression in the gyrencephalic feline brain studied by magnetic resonance imaging. Journal of Physiology, 1999, 519, 415-425.	1.3	67
11	Sudden cardiac death and inherited channelopathy: the basic electrophysiology of the myocyte and myocardium in ion channel disease. Heart, 2012, 98, 536-543.	1.2	67
12	Gradient preemphasis calibration in diffusion-weighted echo-planar imaging. Magnetic Resonance in Medicine, 2000, 44, 616-624.	1.9	65
13	Paced Electrogram Fractionation Analysis of Arrhythmogenic Tendency in \hat{I}^2 KPC Scn5a ^{-/-} Mice. Journal of Cardiovascular Electrophysiology, 2005, 16, 1329-1340.	0.8	61
14	Relationships between resting conductances, excitability, and t-system ionic homeostasis in skeletal muscle. Journal of General Physiology, 2011, 138, 95-116.	0.9	59
15	Effects of L-type Ca ²⁺ channel antagonism on ventricular arrhythmogenesis in murine hearts containing a modification in the Scn5a gene modelling human long QT syndrome 3. Journal of Physiology, 2007, 578, 85-97.	1.3	57
16	Scn3b knockout mice exhibit abnormal ventricular electrophysiological properties. Progress in Biophysics and Molecular Biology, 2008, 98, 251-266.	1.4	56
17	Effects of flecainide and quinidine on arrhythmogenic properties of Scn5a ^{+/+} murine hearts modelling the Brugada syndrome. Journal of Physiology, 2007, 581, 255-275.	1.3	54
18	Cardiac Potassium Channels: Physiological Insights for Targeted Therapy. Journal of Cardiovascular Pharmacology and Therapeutics, 2018, 23, 119-129.	1.0	54

#	ARTICLE	IF	CITATIONS
19	Sodium channel biophysics, late sodium current and genetic arrhythmic syndromes. Pflugers Archiv European Journal of Physiology, 2017, 469, 629-641.	1.3	53
20	The contribution of refractoriness to arrhythmic substrate in hypokalemic Langendorff-perfused murine hearts. Pflugers Archiv European Journal of Physiology, 2007, 454, 209-222.	1.3	48
21	Multiple targets for flecainide action: implications for cardiac arrhythmogenesis. British Journal of Pharmacology, 2018, 175, 1260-1278.	2.7	48
22	Ventricular arrhythmogenesis: Insights from murine models. Progress in Biophysics and Molecular Biology, 2008, 98, 208-218.	1.4	47
23	Loss of Nav1.5 expression and function in murine atria containing the RyR2-P2328S gain-of-function mutation. Cardiovascular Research, 2013, 99, 751-759.	1.8	47
24	Long COVID-19 and Postural Orthostatic Tachycardia Syndrome- Is Dysautonomia to Be Blamed?. Frontiers in Cardiovascular Medicine, 2022, 9, 860198.	1.1	47
25	Mkk4 Is a Negative Regulator of the Transforming Growth Factor Beta 1 Signaling Associated With Atrial Remodeling and Arrhythmogenesis With Age. Journal of the American Heart Association, 2014, 3, e000340.	1.6	45
26	Mapping of brain activation in response to pharmacological agents using fMRI in the rat. Magnetic Resonance Imaging, 2001, 19, 905-919.	1.0	43
27	Conduction Slowing Contributes to Spontaneous Ventricular Arrhythmias in Intrinsically Active Murine RyR2-P2328S Hearts. Journal of Cardiovascular Electrophysiology, 2013, 24, 210-218.	0.8	43
28	In vivo studies of Scn5a+/Δ mice modeling Brugada syndrome demonstrate both conduction and repolarization abnormalities. Journal of Electrocardiology, 2010, 43, 433-439.	0.4	41
29	Caffeine-induced arrhythmias in murine hearts parallel changes in cellular Ca ²⁺ homeostasis. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H1584-H1593.	1.5	40
30	Ageing, the autonomic nervous system and arrhythmia: From brain to heart. Ageing Research Reviews, 2018, 48, 40-50.	5.0	40
31	Increased Right Ventricular Repolarization Gradients Promote Arrhythmogenesis in a Murine Model of Brugada Syndrome. Journal of Cardiovascular Electrophysiology, 2010, 21, 1153-1159.	0.8	39
32	Acute atrial arrhythmogenicity and altered Ca ²⁺ homeostasis in murine RyR2-P2328S hearts. Cardiovascular Research, 2011, 89, 794-804.	1.8	39
33	Calcium waves induced by hypertonic solutions in intact frog skeletal muscle fibres. Journal of Physiology, 2001, 536, 351-359.	1.3	38
34	Effects of flecainide and quinidine on arrhythmogenic properties of Scn5a+/Δ mice modelling long QT syndrome 3. Journal of Physiology, 2007, 578, 69-84.	1.3	36
35	Delayed conduction and its implications in murine Scn5a+/Δ hearts: independent and interacting effects of genotype, age, and sex. Pflugers Archiv European Journal of Physiology, 2011, 461, 29-44.	1.3	35
36	Mapping of reentrant spontaneous polymorphic ventricular tachycardia in a Scn5a+/Δ mouse model. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H1853-H1862.	1.5	35

#	ARTICLE	IF	CITATIONS
37	Reduced Na ⁺ and higher K ⁺ channel expression and function contribute to right ventricular origin of arrhythmias in <i>Scn5a</i> ^{+/-} mice. <i>Open Biology</i> , 2012, 2, 120072.	1.5	32
38	Pak1 Is Required to Maintain Ventricular Ca ²⁺ Homeostasis and Electrophysiological Stability Through SERCA2a Regulation in Mice. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 938-948.	2.1	32
39	The RyR2-P2328S mutation downregulates Nav1.5 producing arrhythmic substrate in murine ventricles. <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 655-665.	1.3	31
40	Criteria for arrhythmogenicity in genetically-modified Langendorff-perfused murine hearts modelling the congenital long QT syndrome type 3 and the Brugada syndrome. <i>Pflugers Archiv European Journal of Physiology</i> , 2007, 455, 637-651.	1.3	30
41	Restitution analysis of alternans and its relationship to arrhythmogenicity in hypokalaemic Langendorff-perfused murine hearts. <i>Pflugers Archiv European Journal of Physiology</i> , 2008, 455, 653-666.	1.3	30
42	Deletion of the metabolic transcriptional coactivator PGC1 β induces cardiac arrhythmia. <i>Cardiovascular Research</i> , 2011, 92, 29-38.	1.8	30
43	Frequency distribution analysis of activation times and regional fibrosis in murine <i>Scn5a</i> hearts: The effects of ageing and sex. <i>Mechanisms of Ageing and Development</i> , 2012, 133, 591-599.	2.2	30
44	Action potential wavelength restitution predicts alternans and arrhythmia in murine <i>Scn5a</i> ^{+/+} hearts. <i>Journal of Physiology</i> , 2013, 591, 4167-4188.	1.3	30
45	Nifedipine and diltiazem suppress ventricular arrhythmogenesis and calcium release in mouse hearts. <i>Pflugers Archiv European Journal of Physiology</i> , 2004, 449, 150-158.	1.3	28
46	Normal conduction of surface action potentials in detubulated amphibian skeletal muscle fibres. <i>Journal of Physiology</i> , 2001, 535, 579-590.	1.3	27
47	Altered sinoatrial node function and intra-atrial conduction in murine gain-of-function <i>Scn5a</i> ^{+/-} KPQ hearts suggest an overlap syndrome. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H1510-H1523.	1.5	26
48	Refractory dispersion promotes conduction disturbance and arrhythmias in a <i>Scn5a</i> ^{+/-} mouse model. <i>Pflugers Archiv European Journal of Physiology</i> , 2011, 462, 495-504.	1.3	25
49	The effect of extracellular tonicity on the anatomy of triad complexes in amphibian skeletal muscle. <i>Journal of Muscle Research and Cell Motility</i> , 2003, 24, 407-415.	0.9	24
50	Atrial arrhythmogenicity in aged <i>Scn5a</i> ^{+/-} KPQ mice modeling long QT type 3 syndrome and its relationship to Na ⁺ channel expression and cardiac conduction. <i>Pflugers Archiv European Journal of Physiology</i> , 2010, 460, 593-601.	1.3	23
51	Measurement and interpretation of electrocardiographic QT intervals in murine hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1553-H1557.	1.5	23
52	Age-dependent atrial arrhythmic phenotype secondary to mitochondrial dysfunction in <i>Pgc-1β</i> deficient murine hearts. <i>Mechanisms of Ageing and Development</i> , 2017, 167, 30-45.	2.2	21
53	Epac α -induced ryanodine receptor type 2 activation inhibits sodium currents in atrial and ventricular murine cardiomyocytes. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 278-292.	0.9	21
54	Ion channel gating in cardiac ryanodine receptors from the arrhythmic RyR2-P2328S mouse. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	21

#	ARTICLE	IF	CITATIONS
55	Nonlinearity between action potential alternans and restitution, which both predict ventricular arrhythmic properties in <i>Scn5a</i> ^{+/Δ} and wild-type murine hearts. <i>Journal of Applied Physiology</i> , 2012, 112, 1847-1863.	1.2	20
56	Factors affecting the electrocardiographic QT interval in malaria: A systematic review and meta-analysis of individual patient data. <i>PLoS Medicine</i> , 2020, 17, e1003040.	3.9	20
57	Cortical spreading depression in the feline brain following sustained and transient stimuli studied using diffusion-weighted imaging. <i>Journal of Physiology</i> , 2002, 544, 39-56.	1.3	18
58	Abnormal Ca ²⁺ homeostasis, atrial arrhythmogenesis, and sinus node dysfunction in murine hearts modeling RyR2 modification. <i>Frontiers in Physiology</i> , 2013, 4, 150.	1.3	18
59	Arrhythmic effects of Epac-mediated ryanodine receptor activation in Langendorff-perfused murine hearts are associated with reduced conduction velocity. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 686-692.	0.9	18
60	Atrial arrhythmogenesis in wild-type and <i>Scn5a</i> ^{+/Δ} murine hearts modelling LQT3 syndrome. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 458, 443-457.	1.3	17
61	Cell-Adhesion Properties of β_2 -Subunits in the Regulation of Cardiomyocyte Sodium Channels. <i>Biomolecules</i> , 2020, 10, 989.	1.8	17
62	Alterations in calcium homeostasis reduce membrane excitability in amphibian skeletal muscle. <i>Pflugers Archiv European Journal of Physiology</i> , 2006, 453, 211-221.	1.3	16
63	A quantitative analysis of the effect of cycle length on arrhythmogenicity in hypokalaemic Langendorff-perfused murine hearts. <i>Pflugers Archiv European Journal of Physiology</i> , 2007, 454, 925-936.	1.3	15
64	Supramolecular clustering of the cardiac sodium channel Nav1.5 in HEK293F cells, with and without the auxiliary β_2 -subunit. <i>FASEB Journal</i> , 2020, 34, 3537-3553.	0.2	15
65	Alternans in Genetically Modified Langendorff-Perfused Murine Hearts Modeling Catecholaminergic Polymorphic Ventricular Tachycardia. <i>Frontiers in Physiology</i> , 2010, 1, 126.	1.3	14
66	Arrhythmogenic mechanisms of obstructive sleep apnea in heart failure patients. <i>Sleep</i> , 2018, 41, .	0.6	14
67	The cardiac CaMKII-Nav1.5 relationship: From physiology to pathology. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 139, 190-200.	0.9	14
68	Cardiac Arrhythmia: A Simple Conceptual Framework. <i>Trends in Cardiovascular Medicine</i> , 2010, 20, 103-107.	2.3	13
69	Pro-arrhythmic atrial phenotypes in incrementally paced murine <i>Pgc1β</i> ^{Δ/Δ} hearts: effects of age. <i>Experimental Physiology</i> , 2017, 102, 1619-1634.	0.9	13
70	Ventricular pro-arrhythmic phenotype, arrhythmic substrate, ageing and mitochondrial dysfunction in peroxisome proliferator activated receptor- γ coactivator-1 β deficient (<i>Pgc-1β</i>) murine hearts. <i>Mechanisms of Ageing and Development</i> , 2018, 173, 92-103.	2.2	13
71	Ryanodine receptor modulation by caffeine challenge modifies Na ⁺ current properties in intact murine skeletal muscle fibres. <i>Scientific Reports</i> , 2020, 10, 2199.	1.6	13
72	Effects of flecainide and quinidine on action potential and ventricular arrhythmogenic properties in <i>Scn3b</i> knockout mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010, 37, 782-789.	0.9	12

#	ARTICLE	IF	CITATIONS
73	The Ageâ€dependence of atrial arrhythmogenicity in <i>Scn5a</i> ^{+/âˆ} murine hearts reflects alterations in action potential propagation and recovery. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 518-527.	0.9	12
74	Novel insights into mechanisms for Pak1-mediated regulation of cardiac Ca ²⁺ homeostasis. <i>Frontiers in Physiology</i> , 2015, 6, 76.	1.3	12
75	Cardiomyocyte ionic currents in intact young and aged murine <i>Pgc-1β</i> atrial preparations. <i>Mechanisms of Ageing and Development</i> , 2018, 169, 1-9.	2.2	12
76	Ageâ€dependent electrocardiographic changes in <i>Pgc-1β</i> deficient murine hearts. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 174-186.	0.9	12
77	Is the sigma-1 receptor a potential pharmacological target for cardiac pathologies? A systematic review. <i>IJC Heart and Vasculature</i> , 2020, 26, 100449.	0.6	12
78	Cardiac arrhythmogenesis: a tale of two clocks?. <i>Cardiovascular Research</i> , 2020, 116, e205-e209.	1.8	12
79	Update on antiarrhythmic drug pharmacology. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 579-592.	0.8	12
80	Can the SARS-CoV-2 Spike Protein Bind Integrins Independent of the RGD Sequence?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 765300.	1.8	12
81	The effects of ageing and adrenergic challenge on electrocardiographic phenotypes in a murine model of long QT syndrome type 3. <i>Scientific Reports</i> , 2017, 7, 11070.	1.6	11
82	Effects of ageing on pro-arrhythmic ventricular phenotypes in incrementally paced murine <i>Pgc-1β</i> ^{âˆ/âˆ} hearts. <i>Pflugers Archiv European Journal of Physiology</i> , 2017, 469, 1579-1590.	1.3	11
83	Bisphosphonates and atrial fibrillation: revisiting the controversy. <i>Annals of the New York Academy of Sciences</i> , 2020, 1474, 15-26.	1.8	11
84	How does flecainide impact RyR2 channel function?. <i>Journal of General Physiology</i> , 2022, 154, .	0.9	11
85	Mapping of the cerebral response to acetazolamide using graded asymmetric spin echo EPI. <i>Magnetic Resonance Imaging</i> , 2005, 23, 907-920.	1.0	10
86	Reduced cardiomyocyte Na ⁺ current in the ageâ€dependent murine <i>Pgc-1β</i> ^{âˆ/âˆ} model of ventricular arrhythmia. <i>Journal of Cellular Physiology</i> , 2019, 234, 3921-3932.	2.0	10
87	Protein expression profiles in murine ventricles modeling catecholaminergic polymorphic ventricular tachycardia: effects of genotype and sex. <i>Annals of the New York Academy of Sciences</i> , 2020, 1478, 63-74.	1.8	10
88	The complexity of clinically-normal sinus-rhythm ECGs is decreased in equine athletes with a diagnosis of paroxysmal atrial fibrillation. <i>Scientific Reports</i> , 2020, 10, 6822.	1.6	10
89	Flecainide Paradoxically Activates Cardiac Ryanodine Receptor Channels under Low Activity Conditions: A Potential Pro-Arrhythmic Action. <i>Cells</i> , 2021, 10, 2101.	1.8	10
90	Molecular basis of arrhythmic substrate in ageing murine peroxisome proliferator-activated receptor β co-activator deficient hearts modelling mitochondrial dysfunction. <i>Bioscience Reports</i> , 2019, 39, .	1.1	10

#	ARTICLE	IF	CITATIONS
91	ECG Restitution Analysis and Machine Learning to Detect Paroxysmal Atrial Fibrillation: Insight from the Equine Athlete as a Model for Human Athletes. <i>Function</i> , 2020, 2, zqaa031.	1.1	10
92	Ventricular SK2 upregulation following angiotensin II challenge: Modulation by p21-activated kinase-1. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 164, 110-125.	0.9	10
93	In silico analysis of mutations near S1/S2 cleavage site in SARS-CoV-2 spike protein reveals increased propensity of glycosylation in Omicron strain. <i>Journal of Medical Virology</i> , 2022, 94, 4181-4192.	2.5	10
94	Arrhythmogenic actions of the Ca ²⁺ channel agonist FPL64716 in Langendorff-perfused murine hearts. <i>Experimental Physiology</i> , 2009, 94, 240-254.	0.9	9
95	Pharmacological Modulation of Right Ventricular Endocardial-Epicardial Gradients in Brugada Syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006330.	2.1	9
96	Sodium current inhibition following stimulation of exchange protein directly activated by cyclic-3',5'-adenosine monophosphate (Epac) in murine skeletal muscle. <i>Scientific Reports</i> , 2019, 9, 1927.	1.6	9
97	Alterations in triad ultrastructure following repetitive stimulation and intracellular changes associated with exercise in amphibian skeletal muscle. <i>Journal of Muscle Research and Cell Motility</i> , 2007, 28, 19-28.	0.9	8
98	Progressive Conduction Diseases. <i>Cardiac Electrophysiology Clinics</i> , 2010, 2, 509-519.	0.7	8
99	Cardiac electrophysiological adaptations in the equine athlete—Restitution analysis of electrocardiographic features. <i>PLoS ONE</i> , 2018, 13, e0194008.	1.1	8
100	Ca ²⁺ -dependent modulation of voltage-gated myocyte sodium channels. <i>Biochemical Society Transactions</i> , 2021, 49, 1941-1961.	1.6	8
101	Charge movements in intact amphibian skeletal muscle fibres in the presence of cardiac glycosides. <i>Journal of Physiology</i> , 2001, 532, 509-523.	1.3	7
102	Similarities and Contrasts in Ryanodine Receptor Localization and Function in Osteoclasts and Striated Muscle Cells. <i>Annals of the New York Academy of Sciences</i> , 2007, 1116, 255-270.	1.8	7
103	Regulatory actions of 3',5'-cyclic adenosine monophosphate on osteoclast function: possible roles of Epac-mediated signaling. <i>Annals of the New York Academy of Sciences</i> , 2018, 1433, 18-28.	1.8	7
104	Sarcoplasmic reticular Ca ²⁺ -ATPase inhibition paradoxically upregulates murine skeletal muscle Nav1.4 function. <i>Scientific Reports</i> , 2021, 11, 2846.	1.6	7
105	Pathophysiological Mechanisms of Sino-Atrial Dysfunction and Ventricular Conduction Disease Associated with SCN5A Deficiency: Insights from Mouse Models. <i>Frontiers in Physiology</i> , 2012, 3, 234.	1.3	6
106	Autonomic modulation of the electrical substrate in mice haploinsufficient for cardiac sodium channels: a model of the Brugada syndrome. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C576-C583.	2.1	6
107	The application of Lempel-Ziv and Titchener complexity analysis for equine telemetric electrocardiographic recordings. <i>Scientific Reports</i> , 2019, 9, 2619.	1.6	6
108	Electrophysiological and Proarrhythmic Effects of Hydroxychloroquine Challenge in Guinea-Pig Hearts. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 1639-1653.	2.5	6

#	ARTICLE	IF	CITATIONS
109	Experimental Physiology â€“<i>Research Paper</i>: Atrial arrhythmogenic properties in wildâ€™type and <i>Scn5a</i>+/â€™ murine hearts. Experimental Physiology, 2010, 95, 994-1007.	0.9	5
110	Editorial: Ca ²⁺ Signaling and Heart Rhythm. Frontiers in Physiology, 2015, 6, 423.	1.3	5
111	Ageing in <i>Pgc-1â€™/â€™</i> mice modelling mitochondrial dysfunction induces differential expression of a range of genes regulating ventricular electrophysiology. Bioscience Reports, 2019, 39, .	1.1	5
112	Symmetric Projection Attractor Reconstruction analysis of murine electrocardiograms: Retrospective prediction of Scn5a+/- genetic mutation attributable to Brugada syndrome. Heart Rhythm O2, 2020, 1, 368-375.	0.6	5
113	Detecting paroxysmal atrial fibrillation from normal sinus rhythm in equine athletes using Symmetric Projection Attractor Reconstruction and machine learning. Cardiovascular Digital Health Journal, 2022, 3, 96-106.	0.5	5
114	Anti-arrhythmic effects of cyclopiazonic acid in Langendorff-perfused murine hearts. Progress in Biophysics and Molecular Biology, 2008, 98, 281-288.	1.4	4
115	Sudden arrhythmic death: from basic science to clinical practice. Frontiers in Physiology, 2013, 4, 339.	1.3	4
116	From channels to systems: Ca ²⁺ -sensitive K ⁺ currents, alternans and cardiac arrhythmia. Journal of Physiology, 2017, 595, 2299-2300.	1.3	4
117	Gene and Protein Expression Profile of Selected Molecular Targets Mediating Electrophysiological Function in Pgc-1â€™ Deficient Murine Atria. International Journal of Molecular Sciences, 2018, 19, 3450.	1.8	4
118	Finite element analysis predicts Ca ²⁺ microdomains within tubular-sarcoplasmic reticular junctions of amphibian skeletal muscle. Scientific Reports, 2021, 11, 14376.	1.6	4
119	Editorial. Progress in Biophysics and Molecular Biology, 2008, 98, 119.	1.4	3
120	Translational imaging studies of cortical spreading depression in experimental models for migraine aura. Expert Review of Neurotherapeutics, 2008, 8, 759-768.	1.4	3
121	Atrial Transcriptional Profiles of Molecular Targets Mediating Electrophysiological Function in Aging and Pgc-1â€™ Deficient Murine Hearts. Frontiers in Physiology, 2019, 10, 497.	1.3	3
122	Editorial: Optogenetics: An Emerging Approach in Cardiac Electrophysiology. Frontiers in Physiology, 2020, 11, 414.	1.3	3
123	Molecular basis of ventricular arrhythmogenicity in a Pgc-1â€™ deficient murine model. Molecular Genetics and Metabolism Reports, 2021, 27, 100753.	0.4	3
124	Physiological studies of cortical spreading depression. Biological Reviews, 2007, 81, 457-481.	4.7	2
125	Andrew Fielding Huxley (1917â€™2012). Journal of Physiology, 2012, 590, 3415-3420.	1.3	2
126	Transcriptional profiles of genes related to electrophysiological function in <i>Scn5a</i>+/- murine hearts. Physiological Reports, 2021, 9, e15043.	0.7	2

#	ARTICLE	IF	CITATIONS
127	Conduction velocities in amphibian skeletal muscle fibres exposed to hyperosmotic extracellular solutions. <i>Journal of Muscle Research and Cell Motility</i> , 2007, 28, 195-202.	0.9	1
128	Response by Lei et al to Letter Regarding Article, "Modernized Classification of Cardiac Antiarrhythmic Drugs" <i>Circulation</i> , 2019, 139, 1652-1653.	1.6	0
129	Structure and Function of Skeletal Muscle. , 2020, , 247-269.		0
130	Cellular Ionic Homeostatic Processes in Osteoclastic Bone Resorption. , 2020, , 279-289.		0