

Lai-Hua Xie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8426062/publications.pdf>

Version: 2024-02-01

30
papers

1,178
citations

623734

14
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

1351
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomic analysis of mitochondrial biogenesis in cardiomyocytes differentiated from human induced pluripotent stem cells. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R547-R562.	1.8	14
2	Activation of TRPC (Transient Receptor Potential Canonical) Channel Currents in Iron Overloaded Cardiac Myocytes. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009291.	4.8	11
3	Calcium and Heart Failure: How Did We Get Here and Where Are We Going?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7392.	4.1	8
4	Mitochondrial depolarization promotes calcium alternans: Mechanistic insights from a ventricular myocyte model. <i>PLoS Computational Biology</i> , 2021, 17, e1008624.	3.2	4
5	Cardiac adaptation and cardioprotection against arrhythmias and ischemia-reperfusion injury in mammalian hibernators. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, 473, 407-416.	2.8	10
6	Mitochondrial Contributions in the Genesis of Delayed Afterdepolarizations in Ventricular Myocytes. <i>Frontiers in Physiology</i> , 2021, 12, 744023.	2.8	4
7	Iron Overload, Oxidative Stress and Calcium Mishandling in Cardiomyocytes: Role of the Mitochondrial Permeability Transition Pore. <i>Antioxidants</i> , 2020, 9, 758.	5.1	31
8	Abstract 507: Activation of Transient Receptor Potential Canonical Channel Currents in Iron-Overloaded Cardiac Myocytes. <i>Circulation Research</i> , 2019, 125, .	4.5	1
9	Involvement of cytosolic and mitochondrial iron in iron overload cardiomyopathy: an update. <i>Heart Failure Reviews</i> , 2018, 23, 801-816.	3.9	61
10	Mitochondrial Ca ²⁺ Influx Contributes to Arrhythmic Risk in Nonischemic Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	38
11	Normalization of connexin 43 protein levels prevents cellular and functional signs of dystrophic cardiomyopathy in mice. <i>Neuromuscular Disorders</i> , 2018, 28, 361-372.	0.6	13
12	Potential Arrhythmogenic Role of TRPC Channels and Store-Operated Calcium Entry Mechanism in Mouse Ventricular Myocytes. <i>Frontiers in Physiology</i> , 2018, 9, 1785.	2.8	23
13	Cellular Electrophysiology of Iron-Overloaded Cardiomyocytes. <i>Frontiers in Physiology</i> , 2018, 9, 1615.	2.8	16
14	Antioxidant defense and protection against cardiac arrhythmias: lessons from a mammalian hibernator (the woodchuck). <i>FASEB Journal</i> , 2018, 32, 4229-4240.	0.5	12
15	Abstract 254: Mitochondrial Permeability Transition Pore, Calcium Uniporter, and Iron Overload in the Heart. <i>Circulation Research</i> , 2018, 123, .	4.5	3
16	Effect of densely ionizing radiation on cardiomyocyte differentiation from human-induced pluripotent stem cells. <i>Physiological Reports</i> , 2017, 5, e13308.	1.7	12
17	Involvement of mitochondrial permeability transition pore (mPTP) in cardiac arrhythmias: Evidence from cyclophilin D knockout mice. <i>Cell Calcium</i> , 2016, 60, 363-372.	2.4	30
18	Overexpression of adenylyl cyclase type 5 (AC5) confers a proarrhythmic substrate to the heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H240-H249.	3.2	21

#	ARTICLE	IF	CITATIONS
19	Primary Effect of Reactive Oxygen Species on Electrical Remodeling of the Heart. <i>Circulation Journal</i> , 2014, 78, 1834-2836.	1.6	3
20	Modulation of Intracellular Calcium Waves and Triggered Activities by Mitochondrial Ca Flux in Mouse Cardiomyocytes. <i>PLoS ONE</i> , 2013, 8, e80574.	2.5	39
21	Sickle Cell Anemia: The Impact of Discovery, Politics, and Business. <i>Journal of Health Care for the Poor and Underserved</i> , 2013, 24, 147-158.	0.8	3
22	Revisiting the ionic mechanisms of early afterdepolarizations in cardiomyocytes: predominant by Ca waves or Ca currents?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H1636-H1644.	3.2	90
23	Calcium Handling Properties in a Hibernating Animal: Insights into Antiarrhythmic Mechanisms. <i>Biophysical Journal</i> , 2012, 102, 102a.	0.5	1
24	Angiotensin II induces afterdepolarizations via reactive oxygen species and calmodulin kinase II signaling. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 128-136.	1.9	61
25	Oxidative Stress-Induced Afterdepolarizations and Calmodulin Kinase II Signaling. <i>Circulation Research</i> , 2009, 104, 79-86.	4.5	241
26	Arrhythmogenic consequences of intracellular calcium waves. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H997-H1002.	3.2	86
27	Intracellular Ca Alternans: Coordinated Regulation by Sarcoplasmic Reticulum Release, Uptake, and Leak. <i>Biophysical Journal</i> , 2008, 95, 3100-3110.	0.5	78
28	Effects of metabolic inhibition on conduction, Ca transients, and arrhythmia vulnerability in embryonic mouse hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H2472-H2478.	3.2	13
29	Ca ^v 1-Mediated Cardiac Electrophysiological Remodeling and Arrhythmia in Hypertrophic Cardiomyopathy. <i>Circulation</i> , 2007, 116, 596-605.	1.6	37
30	Action Potential Duration Restitution and Alternans in Rabbit Ventricular Myocytes. <i>Circulation Research</i> , 2005, 96, 459-466.	4.5	214