

Kenneth R Laurita

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

1,739
citations

14
h-index

32
g-index

32
ext. papers

1,922
ext. citations

7.4
avg, IF

4.06
L-index

#	Paper	IF	Citations
25	Mechanism linking T-wave alternans to the genesis of cardiac fibrillation. <i>Circulation</i> , 1999 , 99, 1385-94	16.7	674
24	Two components of the delayed rectifier K ⁺ current in ventricular myocytes of the guinea pig type. Theoretical formulation and their role in repolarization. <i>Circulation Research</i> , 1995 , 77, 140-52	15.7	271
23	Unique properties of cardiac action potentials recorded with voltage-sensitive dyes. <i>Journal of Cardiovascular Electrophysiology</i> , 1996 , 7, 1024-38	2.7	179
22	Modulation of ventricular repolarization by a premature stimulus. Role of epicardial dispersion of repolarization kinetics demonstrated by optical mapping of the intact guinea pig heart. <i>Circulation Research</i> , 1996 , 79, 493-503	15.7	120
21	Molecular correlates of repolarization alternans in cardiac myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2005 , 39, 419-28	5.8	115
20	Targeted sarcoplasmic reticulum Ca ²⁺ ATPase 2a gene delivery to restore electrical stability in the failing heart. <i>Circulation</i> , 2012 , 126, 2095-104	16.7	76
19	Optical mapping reveals conduction slowing and impulse block in iron-overload cardiomyopathy. <i>Translational Research</i> , 2003 , 142, 83-9		45
18	Cellular basis for dispersion of repolarization underlying reentrant arrhythmias. <i>Journal of Electrocardiology</i> , 2000 , 33 Suppl, 23-31	1.4	44
17	Cellular mechanisms of vagally mediated atrial tachyarrhythmia in isolated arterially perfused canine right atria. <i>Journal of Cardiovascular Electrophysiology</i> , 2002 , 13, 918-26	2.7	42
16	Optical mapping of late myocardial infarction in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 290, H1298-306	5.2	37
15	KChIP2 is a core transcriptional regulator of cardiac excitability. <i>ELife</i> , 2017 , 6,	8.9	18
14	An infrared optical pacing system for screening cardiac electrophysiology in human cardiomyocytes. <i>PLoS ONE</i> , 2017 , 12, e0183761	3.7	17
13	Delayed after depolarization-mediated triggered activity associated with slow calcium sequestration near the endocardium. <i>Journal of Cardiovascular Electrophysiology</i> , 2005 , 16, 418-24	2.7	17
12	Mutant voltage-gated Na channels can exert a dominant negative effect through coupled gating. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H1250-H1257	5.2	14
11	S-phase Synchronization Facilitates the Early Progression of Induced-Cardiomyocyte Reprogramming through Enhanced Cell-Cycle Exit. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	14
10	Targeted antioxidant treatment decreases cardiac alternans associated with chronic myocardial infarction. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 165-73	6.4	10
9	MicroRNA Biophysically Modulates Cardiac Action Potential by Direct Binding to Ion Channel. <i>Circulation</i> , 2021 , 143, 1597-1613	16.7	10

8	A Singular Role of I Promoting the Development of Cardiac Automaticity during Cardiomyocyte Differentiation by I-Induced Activation of Pacemaker Current. <i>Stem Cell Reviews and Reports</i> , 2017 , 13, 631-643	6.4	9
7	Hypothermia Modulates Arrhythmia Substrates During Different Phases of Resuscitation From Ischemic Cardiac Arrest. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	7
6	KCHIP2 regulates the cardiac Ca ²⁺ transient and myocyte contractility by targeting ryanodine receptor activity. <i>PLoS ONE</i> , 2017 , 12, e0175221	3.7	6
5	Mesenchymal stem cells suppress cardiac alternans by activation of PI3K mediated nitroso-redox pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 98, 138-45	5.8	5
4	Human Cardiac Mesenchymal Stem Cells Remodel in Disease and Can Regulate Arrhythmia Substrates. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020 , 13, e008740	6.4	4
3	Polarization-sensitive optical coherence tomography monitoring of percutaneous radiofrequency ablation in left atrium of living swine.. <i>Scientific Reports</i> , 2021 , 11, 24330	4.9	2
2	Effect of Amiodarone and Hypothermia on Arrhythmia Substrates During Resuscitation. <i>Journal of the American Heart Association</i> , 2021 , 10, e016676	6	1
1	Ventricular arrhythmias in mouse models of diabetic kidney disease. <i>Scientific Reports</i> , 2021 , 11, 20570	4.9	0