

# Kenneth R Laurita

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

2,093  
citations

516710

16  
h-index

552781

26  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1696  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism Linking T-Wave Alternans to the Genesis of Cardiac Fibrillation. <i>Circulation</i> , 1999, 99, 1385-1394.	1.6	759
2	Two Components of the Delayed Rectifier K <sup>+</sup> Current in Ventricular Myocytes of the Guinea Pig Type. <i>Circulation Research</i> , 1995, 77, 140-152.	4.5	349
3	Unique Properties of Cardiac Action Potentials Recorded with Voltage-Sensitive Dyes. <i>Journal of Cardiovascular Electrophysiology</i> , 1996, 7, 1024-1038.	1.7	193
4	Modulation of Ventricular Repolarization by a Premature Stimulus. <i>Circulation Research</i> , 1996, 79, 493-503.	4.5	144
5	Molecular correlates of repolarization alternans in cardiac myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2005, 39, 419-428.	1.9	124
6	Targeted Sarcoplasmic Reticulum Ca <sup>2+</sup> ATPase 2a Gene Delivery to Restore Electrical Stability in the Failing Heart. <i>Circulation</i> , 2012, 126, 2095-2104.	1.6	91
7	Cellular basis for dispersion of repolarization underlying reentrant arrhythmias. <i>Journal of Electrocardiology</i> , 2000, 33, 23-31.	0.9	49
8	Cellular Mechanisms of Vagally Mediated Atrial Tachyarrhythmia in Isolated Arterially Perfused Canine Right Atria. <i>Journal of Cardiovascular Electrophysiology</i> , 2002, 13, 918-926.	1.7	48
9	Optical mapping reveals conduction slowing and impulse block in iron-overload cardiomyopathy. <i>Translational Research</i> , 2003, 142, 83-89.	2.3	48
10	Optical mapping of late myocardial infarction in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H1298-H1306.	3.2	40
11	MicroRNA Biophysically Modulates Cardiac Action Potential by Direct Binding to Ion Channel. <i>Circulation</i> , 2021, 143, 1597-1613.	1.6	33
12	Mutant voltage-gated Na <sup>+</sup> channels can exert a dominant negative effect through coupled gating. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1250-H1257.	3.2	31
13	An infrared optical pacing system for screening cardiac electrophysiology in human cardiomyocytes. <i>PLoS ONE</i> , 2017, 12, e0183761.	2.5	27
14	KChIP2 is a core transcriptional regulator of cardiac excitability. <i>ELife</i> , 2017, 6, .	6.0	26
15	A Singular Role of IK1 Promoting the Development of Cardiac Automaticity during Cardiomyocyte Differentiation by IK1 -Induced Activation of Pacemaker Current. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 631-643.	5.6	23
16	Delayed Afterdepolarization-Mediated Triggered Activity Associated with Slow Calcium Sequestration Near the Endocardium. <i>Journal of Cardiovascular Electrophysiology</i> , 2005, 16, 418-424.	1.7	18
17	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, 1364.	4.1	17
18	Human Cardiac Mesenchymal Stem Cells Remodel in Disease and Can Regulate Arrhythmia Substrates. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008740.	4.8	15

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19	Targeted Antioxidant Treatment Decreases Cardiac Alternans Associated With Chronic Myocardial Infarction. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 165-173.	4.8	12
20	Hypothermia Modulates Arrhythmia Substrates During Different Phases of Resuscitation From Ischemic Cardiac Arrest. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	10
21	Mesenchymal stem cells suppress cardiac alternans by activation of PI3K mediated nitroso-redox pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 98, 138-145.	1.9	9
22	KChIP2 regulates the cardiac Ca <sup>2+</sup> transient and myocyte contractility by targeting ryanodine receptor activity. <i>PLoS ONE</i> , 2017, 12, e0175221.	2.5	9
23	Polarization-sensitive optical coherence tomography monitoring of percutaneous radiofrequency ablation in left atrium of living swine. <i>Scientific Reports</i> , 2021, 11, 24330.	3.3	8
24	Ventricular arrhythmias in mouse models of diabetic kidney disease. <i>Scientific Reports</i> , 2021, 11, 20570.	3.3	4
25	High resolution cardiac mapping with voltage sensitive dyes. , 1992, , .		2
26	Effect of Amiodarone and Hypothermia on Arrhythmia Substrates During Resuscitation. <i>Journal of the American Heart Association</i> , 2021, 10, e016676.	3.7	2
27	Elucidating arrhythmogenic right ventricular cardiomyopathy with stem cells. <i>Birth Defects Research</i> , 2022, , .	1.5	1
28	Repolarization Reserve and Action Potential Dynamics in Failing Myocytes. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006137.	4.8	0
29	Abstract 259: KChIP2 is a Key Transcriptional Regulator of Cardiac Excitability Under Normal and Pathogenic Conditions. <i>Circulation Research</i> , 2016, 119, .	4.5	0
30	Abstract 15963: Microrna Biophysically Modulates Cardiac Physiology via Directly Binding to Ion Channel. <i>Circulation</i> , 2020, 142, .	1.6	0