

Alicia D'souza

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,110
citations

516710

16
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

1629
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise training reduces resting heart rate via downregulation of the funny channel HCN4. <i>Nature Communications</i> , 2014, 5, 3775.	12.8	194
2	Structure, function and clinical relevance of the cardiac conduction system, including the atrioventricular ring and outflow tract tissues. , 2013, 139, 260-288.		156
3	Circadian rhythm of cardiac electrophysiology, arrhythmogenesis, and the underlying mechanisms. <i>Heart Rhythm</i> , 2019, 16, 298-307.	0.7	118
4	Targeting miR-423-5p Reverses Exercise Training-Induced HCN4 Channel Remodeling and Sinus Bradycardia. <i>Circulation Research</i> , 2017, 121, 1058-1068.	4.5	76
5	Viewpoint: Is the resting bradycardia in athletes the result of remodeling of the sinoatrial node rather than high vagal tone?. <i>Journal of Applied Physiology</i> , 2013, 114, 1351-1355.	2.5	64
6	Pathogenesis and pathophysiology of accelerated atherosclerosis in the diabetic heart. <i>Molecular and Cellular Biochemistry</i> , 2009, 331, 89-116.	3.1	53
7	Left ventricle structural remodelling in the prediabetic Goto-Kakizaki rat. <i>Experimental Physiology</i> , 2011, 96, 875-888.	2.0	51
8	CrossTalk opposing view: Bradycardia in the trained athlete is attributable to a downregulation of a pacemaker channel in the sinus node. <i>Journal of Physiology</i> , 2015, 593, 1749-1751.	2.9	49
9	A circadian clock in the sinus node mediates day-night rhythms in Hcn4 and heart rate. <i>Heart Rhythm</i> , 2021, 18, 801-810.	0.7	46
10	CrossTalk opposing view: Heart rate variability as a measure of cardiac autonomic responsiveness is fundamentally flawed. <i>Journal of Physiology</i> , 2019, 597, 2599-2601.	2.9	39
11	Carbonylation Induces Heterogeneity in Cardiac Ryanodine Receptor Function in Diabetes Mellitus. <i>Molecular Pharmacology</i> , 2012, 82, 383-399.	2.3	37
12	Chronic effects of mild hyperglycaemia on left ventricle transcriptional profile and structural remodelling in the spontaneously type 2 diabetic Goto-Kakizaki rat. <i>Heart Failure Reviews</i> , 2014, 19, 65-74.	3.9	30
13	Point: Exercise training-induced bradycardia is caused by changes in intrinsic sinus node function. <i>Journal of Applied Physiology</i> , 2017, 123, 684-685.	2.5	30
14	Silencing miR-370-3p rescues funny current and sinus node function in heart failure. <i>Scientific Reports</i> , 2020, 10, 11279.	3.3	30
15	Characterization of a right atrial subsidiary pacemaker and acceleration of the pacing rate by HCN over-expression. <i>Cardiovascular Research</i> , 2013, 100, 160-169.	3.8	23
16	Intrinsic Electrical Remodeling Underlies Atrioventricular Block in Athletes. <i>Circulation Research</i> , 2021, 129, e1-e20.	4.5	23
17	Identification of Key Small Non-coding MicroRNAs Controlling Pacemaker Mechanisms in the Human Sinus Node. <i>Journal of the American Heart Association</i> , 2020, 9, e016590.	3.7	17
18	Regulation of sinus node pacemaking and atrioventricular node conduction by HCN channels in health and disease. <i>Progress in Biophysics and Molecular Biology</i> , 2021, 166, 61-85.	2.9	16

#	ARTICLE	IF	CITATIONS
19	Supraventricular Arrhythmias in Athletes: Basic Mechanisms and New Directions. <i>Physiology</i> , 2019, 34, 314-326.	3.1	11
20	RNAseq shows an all-pervasive day-night rhythm in the transcriptome of the pacemaker of the heart. <i>Scientific Reports</i> , 2021, 11, 3565.	3.3	11
21	Proteomic Analysis of Cardiac Adaptation to Exercise by High Resolution Mass Spectrometry. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 723858.	3.5	9
22	Genetic Ablation of G Protein-Gated Inwardly Rectifying K ⁺ Channels Prevents Training-Induced Sinus Bradycardia. <i>Frontiers in Physiology</i> , 2020, 11, 519382.	2.8	9
23	Attenuation of stress-induced gastric lesions by lansoprazole, PD-136450 and ranitidine in rats. <i>Molecular and Cellular Biochemistry</i> , 2011, 349, 205-212.	3.1	5
24	A sexy approach to pacemaking: differences in function and molecular make up of the sinoatrial node. <i>Histology and Histopathology</i> , 2019, 34, 1255-1268.	0.7	5
25	Rebuttal from Alicia D'Souza, Sanjay Sharma and Mark R. Boyett. <i>Journal of Physiology</i> , 2015, 593, 1755-1755.	2.9	4
26	Rebuttal from Boyett et al.. <i>Journal of Applied Physiology</i> , 2017, 123, 689-689.	2.5	2
27	Exercise training-induced bradycardia is caused by changes in intrinsic sinus node function. <i>Journal of Applied Physiology</i> , 0, , jap.00268.2017.	2.5	1
28	Rebuttal from Mark Boyett, Yanwen Wang and Alicia D'Souza. <i>Journal of Physiology</i> , 2019, 597, 2605-2605.	2.9	1
29	Reply to Matelot, Schnell, Kervio, Thillaye du Boullay, and Carre. <i>Journal of Applied Physiology</i> , 2013, 114, 1757-1757.	2.5	0