

Ismail Adeniran

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

547
citations

687363

13
h-index

888059

17
g-index

27
all docs

27
docs citations

27
times ranked

639
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased Vulnerability of Human Ventricle to Re-entrant Excitation in hERG-linked Variant 1 Short QT Syndrome. <i>PLoS Computational Biology</i> , 2011, 7, e1002313.	3.2	79
2	Proarrhythmic effects of the S140G <i>KCNQ1</i> mutation in human atrial fibrillation – insights from modelling. <i>Journal of Physiology</i> , 2012, 590, 4501-4514.	2.9	53
3	Proarrhythmia in <i>KCNJ2</i> -linked short QT syndrome: insights from modelling. <i>Cardiovascular Research</i> , 2012, 94, 66-76.	3.8	49
4	In silico investigation of the short QT syndrome, using human ventricle models incorporating electromechanical coupling. <i>Frontiers in Physiology</i> , 2013, 4, 166.	2.8	48
5	Abnormal calcium homeostasis in heart failure with preserved ejection fraction is related to both reduced contractile function and incomplete relaxation: an electromechanically detailed biophysical modeling study. <i>Frontiers in Physiology</i> , 2015, 6, 78.	2.8	45
6	Left ventricular ejection fraction is determined by both global myocardial strain and wall thickness. <i>IJC Heart and Vasculature</i> , 2015, 7, 113-118.	1.1	44
7	In silico investigation of a <i>KCNQ1</i> mutation associated with short QT syndrome. <i>Scientific Reports</i> , 2017, 7, 8469.	3.3	44
8	Acidosis Impairs the Protective Role of hERG K^{+} Channels Against Premature Stimulation. <i>Journal of Cardiovascular Electrophysiology</i> , 2010, 21, 1160-1169.	1.7	30
9	Effects of Persistent Atrial Fibrillation-Induced Electrical Remodeling on Atrial Electro-Mechanics – Insights from a 3D Model of the Human Atria. <i>PLoS ONE</i> , 2015, 10, e0142397.	2.5	26
10	Effect of cardiac ventricular mechanical contraction on the characteristics of the ECG: A simulation study. <i>Journal of Biomedical Science and Engineering</i> , 2013, 06, 47-60.	0.4	26
11	Physiological mechanisms of pulmonary hypertension. <i>American Heart Journal</i> , 2016, 180, 1-11.	2.7	24
12	Modeling the Chronotropic Effect of Isoprenaline on Rabbit Sinoatrial Node. <i>Frontiers in Physiology</i> , 2012, 3, 241.	2.8	19
13	In-silico investigations of the functional impact of <i>KCNA5</i> mutations on atrial mechanical dynamics. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 111, 86-95.	1.9	18
14	Integration of Genetics into a Systems Model of Electrocardiographic Traits Using HumanCVD BeadChip. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 630-638.	5.1	12
15	A 2D Electromechanical Model of Human Atrial Tissue Using the Discrete Element Method. <i>BioMed Research International</i> , 2015, 2015, 1-12.	1.9	9
16	Development of biophysically detailed electrophysiological models for pacemaking and non-pacemaking human pulmonary vein cardiomyocytes. , 2012, 2012, 199-202.		7
17	EFFECTS OF ACUTE GLOBAL ISCHEMIA ON RE-ENTRANT ARRHYTHMOGENESIS: A SIMULATION STUDY. <i>Journal of Biological Systems</i> , 2015, 23, 213-230.	1.4	6
18	The Short QT Syndrome. , 2011, , 431-449.		5

#	ARTICLE	IF	CITATIONS
19	To the Editorâ€“Altered in vivo systolic function in the short QT syndrome anticipated in silico. Heart Rhythm, 2015, 12, e115.	0.7	3
20	The Short QT Syndrome. Springer Theses, 2014, , 51-64.	0.1	0
21	Modelling the Short QT Syndrome Gene Mutations. Springer Theses, 2014, , .	0.1	0
22	Mathematically Modelling the Functional Consequences of the SQT2 Mutation. Springer Theses, 2014, , 129-151.	0.1	0
23	Potassium Channels Implicated in the Short QT Syndrome. Springer Theses, 2014, , 33-49.	0.1	0
24	Increased Vulnerability of the Human Ventricle to Re-entrant Excitation in hERG Linked SQT1. Springer Theses, 2014, , 101-128.	0.1	0
25	Introduction to Ion Channels and the Cardiac Action Potential. Springer Theses, 2014, , 1-31.	0.1	0
26	Proarrhythmia in KCNJ2-Linked Short QT Syndrome: Insights from Modelling. Springer Theses, 2014, , 153-172.	0.1	0