Joseph Yanni

List of Publications by Year
in descending order

29 papers	1,430 citations	471509 17 h-index	552781 26 g-index
30 all docs	30 docs citations	30 times ranked	1797 citing authors

#	Article	IF	Citations
1	Exercise training reduces resting heart rate via downregulation of the funny channel HCN4. Nature Communications, 2014, 5, 3775.	12.8	194
2	The anatomy of the cardiac conduction system. Clinical Anatomy, 2009, 22, 99-113.	2.7	175
3	Structure, function and clinical relevance of the cardiac conduction system, including the atrioventricular ring and outflow tract tissues. , 2013, 139, 260-288.		156
4	Organisation of the mouse sinoatrial node: structure and expression of HCN channels. Cardiovascular Research, 2007, 73, 729-738.	3.8	153
5	The extent of the specialized atrioventricular ring tissues. Heart Rhythm, 2009, 6, 672-680.	0.7	112
6	Ageing-dependent remodelling of ion channel and Ca²⁺clock genes underlying sino-atrial node pacemaking. Experimental Physiology, 2011, 96, 1163-1178.	2.0	92
7	Anatomical and molecular mapping of the left and right ventricular Hisâ€“Purkinje conduction networks. Journal of Molecular and Cellular Cardiology, 2011, 51, 689-701.	1.9	85
8	Changes in Ion Channel Gene Expression Underlying Heart Failure-Induced Sinoatrial Node Dysfunction. Circulation: Heart Failure, 2011, 4, 496-508.	3.9	52
9	Left ventricle structural remodelling in the prediabetic Goto-Kakizaki rat. Experimental Physiology, 2011, 96, 875-888.	2.0	51
10	Functional, Anatomical, and Molecular Investigation of the Cardiac Conduction System and Arrhythmogenic Atrioventricular Ring Tissue in the Rat Heart. Journal of the American Heart Association, 2013, 2, e000246.	3.7	50
11	Developing a novel comprehensive framework for the investigation of cellular and whole heart electrophysiology in the in situ human heart: Historical perspectives, current progress and future prospects. Progress in Biophysics and Molecular Biology, 2014, 115, 252-260.	2.9	34
12	Chronic effects of mild hyperglycaemia on left ventricle transcriptional profile and structural remodelling in the spontaneously type 2 diabetic Goto-Kakizaki rat. Heart Failure Reviews, 2014, 19, 65-74.	3.9	30
13	Silencing miR-370-3p rescues funny current and sinus node function in heart failure. Scientific Reports, 2020, 10, 11279.	3.3	30
14	Congestive Heart Failure Leads to Prolongation of the PR Interval and Atrioventricular Junction Enlargement and Ion Channel Remodelling in the Rabbit. PLoS ONE, 2015, 10, e0141452.	2.5	26
15	Electrical Conduction System Remodeling in Streptozotocin-Induced Diabetes Mellitus Rat Heart. Frontiers in Physiology, 2019, 10, 826.	2.8	24
16	Structural and functional remodeling of the atrioventricular node with aging in rats: The role of hyperpolarization-activated cyclic nucleotideâ€“gated and ryanodine 2 channels. Heart Rhythm, 2018, 15, 752-760.	0.7	23
17	Atrioventricular Node Dysfunction and Ion Channel Transcriptome in Pulmonary Hypertension. Circulation: Arrhythmia and Electrophysiology, 2016, 9, .	4.8	22
18	Changes in the expression of ion channels, connexins and Ca2+-handling proteins in the sino-atrial node during postnatal development. Experimental Physiology, 2011, 96, 426-438.	2.0	17

#	Article	IF	Citations
19	Postnatal development of transmural gradients in expression of ion channels and Ca2+-handling proteins in the ventricle. Journal of Molecular and Cellular Cardiology, 2012, 53, 145-155.	1.9	17
20	Identification of Key Small Nonâ€Coding MicroRNAs Controlling Pacemaker Mechanisms in the Human Sinus Node. Journal of the American Heart Association, 2020, 9, e016590.	3.7	17
21	Regulation of sinus node pacemaking and atrioventricular node conduction by HCN channels in health and disease. Progress in Biophysics and Molecular Biology, 2021, 166, 61-85.	2.9	16
22	Mechanistic insights from targeted molecular profiling of repolarization alternans in the intact human heart. Europace, 2019, 21, 981-989.	1.7	11
23	Further insights into the molecular complexity of the human sinus node â€“ The role of â€˜novelâ€™ transcription factors and microRNAs. Progress in Biophysics and Molecular Biology, 2021, 166, 86-104.	2.9	11
24	Remodeling of the Purkinje Network in Congestive Heart Failure in the Rabbit. Circulation: Heart Failure, 2021, 14, e007505.	3.9	11
25	Structural and Functional Properties of Subsidiary Atrial Pacemakers in a Goat Model of Sinus Node Disease. Frontiers in Physiology, 2021, 12, 592229.	2.8	7
26	A sexy approach to pacemaking: differences in function and molecular make up of the sinoatrial node. Histology and Histopathology, 2019, 34, 1255-1268.	0.7	5
27	Structural and functional alterations in the atrioventricular node and atrioventricular ring tissue in ischaemia-induced heart failure. Histology and Histopathology, 2014, 29, 891-902.	0.7	5
28	From the Purkinje fibres to the ventricle: One dimensional computer simulation for the healthy and failing heart. , 2015, 2015, 34-7.		3
29	Molecular Basis of the Electrical Activity of the Atrioventricular Junction and Purkinje Fibres. , 2011, , 211-230.		1