

Mark Warren

List of Publications by Year in descending order

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25
papers

1,566
citations

623734

14
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

1529
citing authors

#	ARTICLE	IF	CITATIONS
1	“Heart Oddity” Intrinsic Reduced Excitability in the Right Ventricle Requires Compensation by Regionally Specific Stress Kinase Function. <i>Frontiers in Physiology</i> , 2020, 11, 86.	2.8	0
2	Conduction in the right and left ventricle is differentially regulated by protein kinases and phosphatases: implications for arrhythmogenesis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1507-H1527.	3.2	10
3	Blockade of CaMKII depresses conduction preferentially in the right ventricular outflow tract and promotes ischemic ventricular fibrillation in the rabbit heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H752-H767.	3.2	14
4	CaMKII blockade, cardiac conduction, and arrhythmia. <i>Cardiovascular Research</i> , 2017, 113, 1798-1799.	3.8	5
5	Mitochondrial depolarization and asystole in the globally ischemic rabbit heart: coordinated response to interventions affecting energy balance. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H485-H499.	3.2	5
6	Detection of mitochondrial depolarization/recovery during ischaemia–reperfusion using spectral properties of confocally recorded TMRM fluorescence. <i>Journal of Physiology</i> , 2013, 591, 2781-2794.	2.9	10
7	Metabolic Determinants of Electrical Failure in Ex-Vivo Canine Model of Cardiac Arrest: Evidence for the Protective Role of Inorganic Pyrophosphate. <i>PLoS ONE</i> , 2013, 8, e57821.	2.5	16
8	Role of K _{ATP} channel in electrical depression and asystole during long-duration ventricular fibrillation in ex vivo canine heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H2396-H2409.	3.2	9
9	High-precision recording of the action potential in isolated cardiomyocytes using the near-infrared fluorescent dye di-4-ANBDQBS. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H1271-H1281.	3.2	25
10	Complex structure of electrophysiological gradients emerging during long-duration ventricular fibrillation in the canine heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H1405-H1418.	3.2	20
11	Mechanisms Underlying the Antifibrillatory Action of Hyperkalemia in Guinea Pig Hearts. <i>Biophysical Journal</i> , 2010, 98, 2091-2101.	0.5	24
12	Evidence Against the Role of Intracellular Calcium Dynamics in Ventricular Fibrillation. <i>Circulation Research</i> , 2008, 102, e103.	4.5	4
13	Spatiotemporal Relationship Between Intracellular Ca ²⁺ Dynamics and Wave Fragmentation During Ventricular Fibrillation in Isolated Blood-Perfused Pig Hearts. <i>Circulation Research</i> , 2007, 101, e90-101.	4.5	24
14	Mechanisms of Wave Fractionation at Boundaries of High-Frequency Excitation in the Posterior Left Atrium of the Isolated Sheep Heart During Atrial Fibrillation. <i>Circulation</i> , 2006, 113, 626-633.	1.6	386
15	Effect of remodelling, stretch and ischaemia on ventricular fibrillation frequency and dynamics in a heart failure model. <i>Cardiovascular Research</i> , 2005, 65, 158-166.	3.8	39
16	Mechanisms of Atrial Fibrillation Termination by Pure Sodium Channel Blockade in an Ionically-Realistic Mathematical Model. <i>Circulation Research</i> , 2005, 96, e35-47.	4.5	126
17	Ionic Currents and Ventricular Fibrillation Dynamics. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2004, 57, 69-79.	0.6	9
18	Blockade of the Inward Rectifying Potassium Current Terminates Ventricular Fibrillation in the Guinea Pig Heart. <i>Journal of Cardiovascular Electrophysiology</i> , 2003, 14, 621-631.	1.7	138

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19	Intra-Atrial Pressure Increases Rate and Organization of Waves Emanating From the Superior Pulmonary Veins During Atrial Fibrillation. <i>Circulation</i> , 2003, 108, 668-671.	1.6	311
20	Cholinergic atrial fibrillation: IK,ACh gradients determine unequal left/right atrial frequencies and rotor dynamics. <i>Cardiovascular Research</i> , 2003, 59, 863-873.	3.8	167
21	Percutaneous Electrocatheter Technique for On-Line Detection of Healed Transmural Myocardial Infarction. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2000, 23, 1283-1287.	1.2	28
22	Differential uptake of myocardial perfusion radiotracers in normal, infarcted, and acutely ischemic peri-infarction myocardium. <i>Cardiovascular Research</i> , 1998, 38, 91-97.	3.8	4
23	Passive transmission of ischemic ST segment changes in low electrical resistance myocardial infarct scar in the pig. <i>Cardiovascular Research</i> , 1998, 40, 103-112.	3.8	42
24	Local Repolarization Abnormalities Induced by Transcatheter Radiofrequency Ablation in Pigs. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1997, 20, 1952-1960.	1.2	4
25	Changes in Myocardial Electrical Impedance Induced by Coronary Artery Occlusion in Pigs With and Without Preconditioning. <i>Circulation</i> , 1997, 96, 3079-3086.	1.6	145