

Sharon Ann George

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

369
citations

933447

10
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

386
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular sodium and potassium levels modulate cardiac conduction in mice heterozygous null for the Connexin43 gene. Pflugers Archiv European Journal of Physiology, 2015, 467, 2287-2297.	2.8	50
2	Revealing the Concealed Nature of Long-QT Type 3 Syndrome. Circulation: Arrhythmia and Electrophysiology, 2017, 10, e004400.	4.8	49
3	At the Atrioventricular Crossroads: Dual Pathway Electrophysiology in the Atrioventricular Node and its underlying Heterogeneities. Arrhythmia and Electrophysiology Review, 2017, 6, 179.	2.4	40
4	TNF \pm Modulates Cardiac Conduction by Altering Electrical Coupling between Myocytes. Frontiers in Physiology, 2017, 8, 334.	2.8	33
5	Extracellular sodium dependence of the conduction velocity-calcium relationship: evidence of ephaptic self-attenuation. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H1129-H1139.	3.2	32
6	Heart Rate and Extracellular Sodium and Potassium Modulation of Gap Junction Mediated Conduction in Guinea Pigs. Frontiers in Physiology, 2016, 7, 16.	2.8	26
7	Cardiac conduction in isolated hearts of genetically modified mice " Connexin43 and salts. Progress in Biophysics and Molecular Biology, 2016, 120, 189-198.	2.9	25
8	Modulating cardiac conduction during metabolic ischemia with perfusate sodium and calcium in guinea pig hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H849-H861.	3.2	25
9	Open-Source Multiparametric Optocardiography. Scientific Reports, 2019, 9, 721.	3.3	19
10	Heart slice culture system reliably demonstrates clinical drug-related cardiotoxicity. Toxicology and Applied Pharmacology, 2020, 406, 115213.	2.8	19
11	Differential cardiotoxic electrocardiographic response to doxorubicin treatment in conscious versus anesthetized mice. Physiological Reports, 2021, 9, e14987.	1.7	11
12	Simultaneous triple-parametric optical mapping of transmembrane potential, intracellular calcium and NADH for cardiac physiology assessment. Communications Biology, 2022, 5, 319.	4.4	10
13	Preclinical Cardiac Electrophysiology Assessment by Dual Voltage and Calcium Optical Mapping of Human Organotypic Cardiac Slices. Journal of Visualized Experiments, 2020, , .	0.3	9
14	Optocardiography: A review of its past, present, and future. Current Opinion in Biomedical Engineering, 2019, 9, 74-80.	3.4	7
15	p38 γ genetic ablation protects female mice from anthracycline cardiotoxicity. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H775-H786.	3.2	7
16	Ephaptic Coupling Is a Mechanism of Conduction Reserve During Reduced Gap Junction Coupling. Frontiers in Physiology, 2022, 13, .	2.8	6
17	Basic Principles of Cardiac Electrophysiology. Contemporary Cardiology, 2020, , 3-32.	0.1	1
18	History of Optical Mapping. , 2021, , 41-45.		0