

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