

Maura Greiser

List of Publications by Year in descending order

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26
papers

943
citations

687363

13
h-index

794594

19
g-index

27
all docs

27
docs citations

27
times ranked

986
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcium influx through the mitochondrial calcium uniporter holocomplex, MCUcx. Journal of Molecular and Cellular Cardiology, 2021, 151, 145-154.	1.9	24
2	Calcium Signaling Silencing in Atrial Fibrillation: Implications for Atrial Sodium Homeostasis. International Journal of Molecular Sciences, 2021, 22, 10513.	4.1	5
3	Attenuating persistent sodium currentâ€“induced atrial myopathy and fibrillation by preventing mitochondrial oxidative stress. JCI Insight, 2021, 6, .	5.0	17
4	Atrial Myocytes Maintain Low [Na+]I through Specialized Na+/K+ ATPase Microdomain. Biophysical Journal, 2020, 118, 267a.	0.5	0
5	The surprising complexity of KATP channel biology and of genetic diseases. Journal of Clinical Investigation, 2020, 130, 1112-1115.	8.2	7
6	Dynamic Regulation of Sodium Homeostasis in Atrial Myocytes. Biophysical Journal, 2019, 116, 245a.	0.5	0
7	Pacemaker Organization at the Nanoscale: Imaging of Ryanodine Receptors as Clusters in Single Sinoatrial Nodal Cells. Biophysical Journal, 2019, 116, 380a.	0.5	1
8	Characterization of Intracellular Sodium Homeostasis in Murine Atrial Myocytes. Biophysical Journal, 2017, 112, 96a.	0.5	0
9	Calcium signalling silencing in atrial fibrillation. Journal of Physiology, 2017, 595, 4009-4017.	2.9	19
10	X-ROS Signaling in Atrial Myocytes Produces Arrhythmogenic Ca ²⁺ Waves. Biophysical Journal, 2016, 110, 434a.	0.5	0
11	Stretch-Induced Changes in Atrial Ca Signaling. Biophysical Journal, 2015, 108, 178a-179a.	0.5	0
12	Buffering Effects on the LCC Current and Spatiotemporal Ca ²⁺ Dynamics. Biophysical Journal, 2015, 108, 105a-106a.	0.5	0
13	Tachycardia-induced silencing of subcellular Ca ²⁺ signaling in atrial myocytes. Journal of Clinical Investigation, 2014, 124, 4759-4772.	8.2	114
14	Dynamic remodeling of intracellular Ca ²⁺ signaling during atrial fibrillation. Journal of Molecular and Cellular Cardiology, 2013, 58, 134-142.	1.9	46
15	Stretch-Dependent Sub-Cellular Ca ²⁺ Signaling in Atrial Myocytes. Biophysical Journal, 2012, 102, 306a.	0.5	0
16	Altered Nuclear Calcium Signaling in Tachycardia-Induced Remodeling in Rabbit Atria: A Mechanism of Altered Excitation-Transcription Coupling in Atrial Fibrillation?. Biophysical Journal, 2011, 100, 517a.	0.5	0
17	A Novel Assay of Mechano-Transduction in Single Muscle Cells. Biophysical Journal, 2011, 100, 589a.	0.5	1
18	Alterations of atrial Ca ²⁺ handling as cause and consequence of atrial fibrillation. Cardiovascular Research, 2011, 89, 722-733.	3.8	74

#	ARTICLE	IF	CITATIONS
19	Multiple Potential Molecular Contributors to Atrial Hypocontractility Caused by Atrial Tachycardia Remodeling in Dogs. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 530-541.	4.8	112
20	Distinct contractile and molecular differences between two goat models of atrial dysfunction: AV block-induced atrial dilatation and atrial fibrillation. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 385-394.	1.9	96
21	Blockade of atrial-specific K ⁺ -currents increases atrial but not ventricular contractility by enhancing reverse mode Na ⁺ /Ca ²⁺ -exchange. <i>Cardiovascular Research</i> , 2007, 73, 37-47.	3.8	56
22	Pharmacological evidence for altered src kinase regulation of I _{Ca,L} in patients with chronic atrial fibrillation. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2007, 375, 383-392.	3.0	68
23	AVE0118, Blocker of the Transient Outward Current (I _{to}) and Ultrarapid Delayed Rectifier Current (I _{Tj}) Circulation, 2006, 114, 1234-1242.	1.6	67
24	The L-type Ca ²⁺ -channel subunits α_1C and α_2 are not downregulated in atrial myocardium of patients with chronic atrial fibrillation. <i>Journal of Molecular and Cellular Cardiology</i> , 2003, 35, 437-443.	1.9	63
25	Atrial fibrillation-induced atrial contractile dysfunction: a tachycardiomyopathy of a different sort. <i>Cardiovascular Research</i> , 2002, 53, 192-201.	3.8	150
26	Effect of Volatile Anesthetics on the Force-Frequency Relation in Human Ventricular Myocardium. <i>Anesthesiology</i> , 2001, 95, 1160-1168.	2.5	14