Maura Greiser

List of Publications by Year
in descending order

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	Atrial fibrillation-induced atrial contractile dysfunction: a tachycardiomyopathy of a different sort. Cardiovascular Research, 2002, 53, 192-201.	3.8	150
2	Tachycardia-induced silencing of subcellular Ca2+ signaling in atrial myocytes. Journal of Clinical Investigation, 2014, 124, 4759-4772.	8.2	114
3	Multiple Potential Molecular Contributors to Atrial Hypocontractility Caused by Atrial Tachycardia Remodeling in Dogs. Circulation: Arrhythmia and Electrophysiology, 2010, 3, 530-541.	4.8	112
4	Distinct contractile and molecular differences between two goat models of atrial dysfunction: AV block-induced atrial dilatation and atrial fibrillation. Journal of Molecular and Cellular Cardiology, 2009, 46, 385-394.	1.9	96
5	Alterations of atrial Ca2+ handling as cause and consequence of atrial fibrillation. Cardiovascular Research, 2011, 89, 722-733.	3.8	74
6	Pharmacological evidence for altered src kinase regulation of I Ca,L in patients with chronic atrial fibrillation. Naunyn-Schmiedeberg's Archives of Pharmacology, 2007, 375, 383-392.	3.0	68
7	AVE0118, Blocker of the Transient Outward Current (I to) and Ultrarapid Delayed Rectifier Current (I) Tj ETQq1 1 0.784314 rgBT /Ov Circulation, 2006, 114, 1234-1242.	1.6	67
8	The L-type Ca2+-channel subunits Î±1C and Î²2 are not downregulated in atrial myocardium of patients with chronic atrial fibrillation. Journal of Molecular and Cellular Cardiology, 2003, 35, 437-443.	1.9	63
9	Blockade of atrial-specific K+-currents increases atrial but not ventricular contractility by enhancing reverse mode Na+/Ca2+-exchange. Cardiovascular Research, 2007, 73, 37-47.	3.8	56
10	Dynamic remodeling of intracellular Ca2+ signaling during atrial fibrillation. Journal of Molecular and Cellular Cardiology, 2013, 58, 134-142.	1.9	46
11	Calcium influx through the mitochondrial calcium uniporter holocomplex, MCUcx. Journal of Molecular and Cellular Cardiology, 2021, 151, 145-154.	1.9	24
12	Calcium signalling silencing in atrial fibrillation. Journal of Physiology, 2017, 595, 4009-4017.	2.9	19
13	Attenuating persistent sodium currentâ€“induced atrial myopathy and fibrillation by preventing mitochondrial oxidative stress. JCI Insight, 2021, 6, .	5.0	17
14	Effect of Volatile Anesthetics on the Forceâ€“Frequency Relation in Human Ventricular Myocardium. Anesthesiology, 2001, 95, 1160-1168.	2.5	14
15	The surprising complexity of KATP channel biology and of genetic diseases. Journal of Clinical Investigation, 2020, 130, 1112-1115.	8.2	7
16	Calcium Signaling Silencing in Atrial Fibrillation: Implications for Atrial Sodium Homeostasis. International Journal of Molecular Sciences, 2021, 22, 10513.	4.1	5
17	A Novel Assay of Mechano-Transduction in Single Muscle Cells. Biophysical Journal, 2011, 100, 589a.	0.5	1
18	Pacemaker Organization at the Nanoscale: Imaging of Ryanodine Receptors as Clusters in Single Sinoatrial Nodal Cells. Biophysical Journal, 2019, 116, 380a.	0.5	1

#	Article	IF	Citations
19	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
20	Stretch-Dependent Sub-Cellular Ca2+ Signaling in Atrial Myocytes. Biophysical Journal, 2012, 102, 306a.	0.5	0
21	Stretch-Induced Changes in Atrial Ca Signaling. Biophysical Journal, 2015, 108, 178a-179a.	0.5	0
22	Buffering Effects on the LCC Current and Spatiotemporal Ca2+ Dynamics. Biophysical Journal, 2015, 108, 105a-106a.	0.5	0
23	X-ROS Signaling in Atrial Myocytes Produces Arrhythmogenic Ca2+ Waves. Biophysical Journal, 2016, 110, 434a.	0.5	0
24	Characterization of Intracellular Sodium Homeostasis in Murine Atrial Myocytes. Biophysical Journal, 2017, 112, 96a.	0.5	0
25	Dynamic Regulation of Sodium Homeostasis in Atrial Myocytes. Biophysical Journal, 2019, 116, 245a.	0.5	0
26	Atrial Myocytes Maintain Low [Na+]I through Specialized Na+/K+ ATPase Microdomain. Biophysical Journal, 2020, 118, 267a.	0.5	0