

Simon M Bryant

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

269
citations

1039880

9
h-index

1058333

14
g-index

14
all docs

14
docs citations

14
times ranked

408
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered distribution of ICa impairs Ca release at the t-tubules of ventricular myocytes from failing hearts. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 86, 23-31.	0.9	55
2	Stimulation of ICa by basal PKA activity is facilitated by caveolin-3 in cardiac ventricular myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 68, 47-55.	0.9	41
3	Caveolin-3 KO disrupts t-tubule structure and decreases t-tubular Ca^{2+} density in mouse ventricular myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1101-H1111.	1.5	31
4	Caveolin 3-dependent loss of t-tubular Ca^{2+} during hypertrophy and heart failure in mice. <i>Experimental Physiology</i> , 2018, 103, 652-665.	0.9	23
5	Atrial-ventricular differences in rabbit cardiac voltage-gated Na ⁺ currents: Basis for atrial-selective block by ranolazine. <i>Heart Rhythm</i> , 2017, 14, 1657-1664.	0.3	17
6	The Effects of Aging on the Regulation of T-Tubular ICa by Caveolin in Mouse Ventricular Myocytes. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 711-719.	1.7	16
7	Altered Na/Ca exchange distribution in ventricular myocytes from failing hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H262-H268.	1.5	14
8	Sarcolemmal distribution of Ca^{2+} and NCX and Ca^{2+} autoregulation in mouse ventricular myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H190-H199.	1.5	14
9	Inhibition of a TREK-like K ⁺ channel current by noradrenaline requires both β_1 - and β_2 -adrenoceptors in rat atrial myocytes. <i>Cardiovascular Research</i> , 2014, 104, 206-215.	1.8	13
10	Loss of caveolin-3-dependent regulation of Ca^{2+} in rat ventricular myocytes in heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H521-H529.	1.5	12
11	Cardiac-specific overexpression of caveolin-3 preserves t-tubular ICa during heart failure in mice. <i>Experimental Physiology</i> , 2019, 104, 654-666.	0.9	11
12	Reduced density and altered regulation of rat atrial L-type Ca^{2+} current in heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H384-H391.	1.5	9
13	Cholesterol depletion does not alter the capacitance or Ca handling of the surface or t-tubule membranes in mouse ventricular myocytes. <i>Physiological Reports</i> , 2017, 5, e13500.	0.7	9
14	Ion currents, action potentials, and noradrenergic responses in rat pulmonary vein and left atrial cardiomyocytes. <i>Physiological Reports</i> , 2020, 8, e14432.	0.7	4