

Sarah J Briston

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

401
citations

9
h-index

11
g-index

11
ext. papers

447
ext. citations

6.7
avg, IF

2.53
L-index

#	Paper	IF	Citations
11	In the RyR2(R4496C) mouse model of CPVT, β adrenergic stimulation induces Ca waves by increasing SR Ca content and not by decreasing the threshold for Ca waves. <i>Circulation Research</i> , 2010 , 107, 1483-9	15.7	76
10	Age-related divergent remodeling of the cardiac extracellular matrix in heart failure: collagen accumulation in the young and loss in the aged. <i>Journal of Molecular and Cellular Cardiology</i> , 2012 , 53, 82-90	5.8	71
9	PAX4 enhances beta-cell differentiation of human embryonic stem cells. <i>PLoS ONE</i> , 2008 , 3, e1783	3.7	45
8	Changes of SERCA activity have only modest effects on sarcoplasmic reticulum Ca ²⁺ content in rat ventricular myocytes. <i>Journal of Physiology</i> , 2011 , 589, 4723-9	3.9	42
7	Impaired β adrenergic responsiveness accentuates dysfunctional excitation-contraction coupling in an ovine model of tachypacing-induced heart failure. <i>Journal of Physiology</i> , 2011 , 589, 1367-82	3.9	41
6	Reduced SERCA2 abundance decreases the propensity for Ca ²⁺ wave development in ventricular myocytes. <i>Cardiovascular Research</i> , 2010 , 86, 63-71	9.9	41
5	Perturbed atrial calcium handling in an ovine model of heart failure: potential roles for reductions in the L-type calcium current. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 79, 169-79	5.8	31
4	Balanced changes in Ca buffering by SERCA and troponin contribute to Ca handling during β adrenergic stimulation in cardiac myocytes. <i>Cardiovascular Research</i> , 2014 , 104, 347-54	9.9	25
3	Ca(2+) wave probability is determined by the balance between SERCA2-dependent Ca(2+) reuptake and threshold SR Ca(2+) content. <i>Cardiovascular Research</i> , 2011 , 90, 503-12	9.9	25
2	Temporal Development of Autonomic Dysfunction in Heart Failure: Effects of Age in an Ovine Rapid-pacing Model. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 1544-1552	6.4	4
1	Primum non nocere: when will ryanodine receptor leak find its role in heart failure?. <i>Journal of Molecular and Cellular Cardiology</i> , 2011 , 50, 13-5	5.8	0