

Mariko Omatsu-Kanbe

List of Publications by Citations

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23
papers

207
citations

9
h-index

14
g-index

27
ext. papers

231
ext. citations

4.2
avg, IF

2.44
L-index

#	Paper	IF	Citations
23	Effect of ATP on preadipocyte migration and adipocyte differentiation by activating P2Y receptors in 3T3-L1 cells. <i>Biochemical Journal</i> , 2006 , 393, 171-80	3.8	35
22	Insulin and noradrenaline independently stimulate the translocation of glucose transporters from intracellular stores to the plasma membrane in mouse brown adipocytes. <i>FEBS Letters</i> , 1992 , 314, 246-50	3.8	28
21	Axonal contact regulates expression of alpha2 and beta2 isoforms of Na ⁺ , K ⁺ -ATPase in Schwann cells: adhesion molecules and nerve regeneration. <i>Journal of Neurochemistry</i> , 1997 , 69, 330-9	6	26
20	Inhibition of store-operated Ca ²⁺ entry by extracellular ATP in rat brown adipocytes. <i>Journal of Physiology</i> , 1999 , 521 Pt 3, 601-15	3.9	15
19	Multiple P2 receptors contribute to a transient increase in intracellular Ca ²⁺ concentration in ATP-stimulated rat brown adipocytes. <i>Experimental Physiology</i> , 2002 , 87, 643-52	2.4	13
18	Ischemic survival and constitutively active autophagy in self-beating atypically-shaped cardiomyocytes (ACMs): characterization of a new subpopulation of heart cells. <i>Journal of Physiological Sciences</i> , 2013 , 63, 17-29	2.3	11
17	Characterization of the rapidly activating delayed rectifier potassium current, I (Kr), in HL-1 mouse atrial myocytes. <i>Journal of Membrane Biology</i> , 2010 , 235, 73-87	2.3	11
16	Response to Letter Regarding Article, Angiotensin II Potentiates the Slow Component of Delayed Rectifier K ⁺ Current via the AT ₁ Receptor in Guinea Pig Atrial Myocytes. <i>Circulation</i> , 2006 , 114,	16.7	11
15	A novel type of self-beating cardiomyocytes in adult mouse ventricles. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 381, 361-6	3.4	9
14	A simple antegrade perfusion method for isolating viable single cardiomyocytes from neonatal to aged mice. <i>Physiological Reports</i> , 2018 , 6, e13688	2.6	7
13	Self-beating atypically shaped cardiomyocytes survive a long-term postnatal development while preserving the expression of fetal cardiac genes in mice. <i>Journal of Histochemistry and Cytochemistry</i> , 2010 , 58, 543-51	3.4	7
12	Rapidly and slowly activating components of delayed rectifier K ⁺ current in guinea-pig sino-atrial node pacemaker cells 2002 , 540, 815		7
11	Identification of cardiac progenitors that survive in the ischemic human heart after ventricular myocyte death. <i>Scientific Reports</i> , 2017 , 7, 41318	4.9	4
10	Novel intracellular mediator of adiponectin secretion from adipocytes. <i>Journal of Physiology</i> , 2014 , 592, 5141	3.9	4
9	Autophagy is constitutively active in normal mouse sino-atrial nodal cells. <i>Acta Histochemica Et Cytochemica</i> , 2011 , 44, 223-31	1.9	4
8	Actin filaments play a permissive role in the inhibition of store-operated Ca ²⁺ entry by extracellular ATP in rat brown adipocytes. <i>Biochemical Journal</i> , 2004 , 381, 389-96	3.8	4
7	Postnatal developmental changes in the sensitivity of L-type Ca channel to inhibition by verapamil in a mouse heart model. <i>Pediatric Research</i> , 2018 , 83, 1207-1217	3.2	3

6	Prion protein- and cardiac troponin T-marked interstitial cells from the adult myocardium spontaneously develop into beating cardiomyocytes. <i>Scientific Reports</i> , 2014 , 4, 7301	4.9	3
5	Phosphatidylinositol4-phosphate 5-kinase prevents the decrease in the HERG potassium current induced by Gq protein-coupled receptor stimulation. <i>Journal of Pharmacological Sciences</i> , 2015 , 127, 127-34	3.7	2
4	Novel intracellular transport-refractory mutations in KCNH2 identified in patients with symptomatic long QT syndrome. <i>Journal of Cardiology</i> , 2018 , 71, 401-408	3	2
3	Selective activation of adrenoceptors potentiates I current in pulmonary vein cardiomyocytes through the protein kinase A and C signaling pathways. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 161, 86-97	5.8	1
2	Characterization and functional role of rapid- and slow-activating delayed rectifier K currents in atrioventricular node cells of guinea pigs. <i>Pflugers Archiv European Journal of Physiology</i> , 2021 , 473, 1885-1898 ^o	4.6	1
1	Elevation of propofol sensitivity of cardiac I channel by KCNE1 polymorphism D85N. <i>British Journal of Pharmacology</i> , 2021 , 178, 2690-2708	8.6	