

Rikuo Ochi

List of Publications by Year in descending order

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17
papers

149
citations

1478505

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h-index

1474206

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g-index

17
all docs

17
docs citations

17
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	Epandrosterone, a Metabolite of Testosterone Precursor, Blocks L-type Calcium Channels of Ventricular Myocytes and Inhibits Myocardial Contractility. <i>Journal of Molecular and Cellular Cardiology</i> , 2002, 34, 679-688.	1.9	35
2	Cholesterol depletion modulates basal L-type Ca ²⁺ current and abolishes its β -adrenergic enhancement in ventricular myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H285-H292.	3.2	34
3	Glucose-6-Phosphate Dehydrogenase Is a Regulator of Vascular Smooth Muscle Contraction. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 543-558.	5.4	32
4	Rotenone-stimulated superoxide release from mitochondrial complex I acutely augments L-type Ca ²⁺ current in A7r5 aortic smooth muscle cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H1118-H1128.	3.2	15
5	Ryanodine Receptor - A Novel Therapeutic Target in Heart Disease. <i>Recent Patents on Cardiovascular Drug Discovery</i> , 2007, 2, 110-118.	1.5	13
6	Dehydroepiandrosterone inhibits Ca_L and its window current in voltage-dependent and -independent mechanisms in arterial smooth muscle cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1602-H1613.	3.2	7
7	Glucose-6-phosphate dehydrogenase increases Ca ²⁺ currents by interacting with $\text{Ca}_v1.2$ and reducing intrinsic inactivation of the L-type calcium channel. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H144-H158.	3.2	6
8	Poly(Ethylene Glycol)-Cholesterol Inhibits L-Type Ca ²⁺ Channel Currents and Augments Voltage-Dependent Inactivation in A7r5 Cells. <i>PLoS ONE</i> , 2014, 9, e107049.	2.5	6
9	Rotenone, Mitochondrial Complex I Inhibitor, Augments and Hydrogen Peroxide Inhibits L-type Calcium Current in Arterial Smooth Muscle Cells. <i>FASEB Journal</i> , 2015, 29, 844.10.	0.5	1
10	Cholesterol regulates β -adrenergic enhancement of L-type Ca current in rat ventricular myocytes. <i>FASEB Journal</i> , 2008, 22, 1201.2.	0.5	0
11	Epandrosterone activates BKCa channel in bovine coronary artery smooth muscle cells. <i>FASEB Journal</i> , 2008, 22, 744.6.	0.5	0
12	Loss of function of CaV1.2 in cultured bovine coronary artery smooth muscle cells. <i>FASEB Journal</i> , 2009, 23, 1018.9.	0.5	0
13	Activation of Glucose-6-Phosphate Dehydrogenase by Depolarization of Membrane Potential Mediates Vascular Smooth Muscle Contraction. <i>FASEB Journal</i> , 2009, 23, 627.11.	0.5	0
14	Apocynin inhibits and its removal augments L-type Ca ²⁺ currents in coronary artery smooth muscle cells and ventricular myocytes. <i>FASEB Journal</i> , 2010, 24, 595.7.	0.5	0
15	L-type Ca ²⁺ channel current from on-cell patch is augmented by H ₂ O ₂ in rat aortic smooth muscle-derived A7r5 cells. <i>FASEB Journal</i> , 2012, 26, 695.4.	0.5	0
16	Hydrogen peroxide-induced inhibition of L-type Ca channel current in A7r5 cells: Effect of ebselen, dithiothreitol and N-acetylcysteine. <i>FASEB Journal</i> , 2013, 27, 913.52.	0.5	0
17	Inhibition of Ca_L by DHEA in Aortic Smooth Muscle Cells: Voltage-dependency, Modulation by GPCR Signaling and Inhibition of Glucose-6-phosphate Dehydrogenase. <i>FASEB Journal</i> , 2018, 32, .	0.5	0