

# Rikuo Ochi

## List of Publications by Year in descending order

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17  
papers

149  
citations

1478505

6  
h-index

1474206

9  
g-index

17  
all docs

17  
docs citations

17  
times ranked

218  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glucose-6-phosphate dehydrogenase increases Ca <sup>2+</sup> currents by interacting with Ca <sub>v</sub> 1.2 and reducing intrinsic inactivation of the L-type calcium channel. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H144-H158.	3.2	6
2	Dehydroepiandrosterone inhibits Ca <sub>L</sub> and its window current in voltage-dependent and -independent mechanisms in arterial smooth muscle cells. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H1602-H1613.	3.2	7
3	Inhibition of Ca <sub>L</sub> by DHEA in Aortic Smooth Muscle Cells: Voltage-dependency, Modulation by GPCR Signaling and Inhibition of Glucose-6-phosphate Dehydrogenase. FASEB Journal, 2018, 32, .	0.5	0
4	Rotenone-stimulated superoxide release from mitochondrial complex I acutely augments L-type Ca <sup>2+</sup> current in A7r5 aortic smooth muscle cells. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H1118-H1128.	3.2	15
5	Rotenone, Mitochondrial Complex I Inhibitor, Augments and Hydrogen Peroxide Inhibits L-type Calcium Current in Arterial Smooth Muscle Cells. FASEB Journal, 2015, 29, 844.10.	0.5	1
6	Poly(Ethylene Glycol)-Cholesterol Inhibits L-Type Ca <sup>2+</sup> Channel Currents and Augments Voltage-Dependent Inactivation in A7r5 Cells. PLoS ONE, 2014, 9, e107049.	2.5	6
7	Hydrogen peroxide-induced inhibition of L-type Ca channel current in A7r5 cells: Effect of ebselen, dithiothreitol and N-acetylcysteine. FASEB Journal, 2013, 27, 913.52.	0.5	0
8	L-type Ca <sup>2+</sup> channel current from on-cell patch is augmented by H <sub>2</sub> O <sub>2</sub> in rat aortic smooth muscle-derived A7r5 cells. FASEB Journal, 2012, 26, 695.4.	0.5	0
9	Glucose-6-Phosphate Dehydrogenase Is a Regulator of Vascular Smooth Muscle Contraction. Antioxidants and Redox Signaling, 2011, 14, 543-558.	5.4	32
10	Apocynin inhibits and its removal augments L-type Ca <sup>2+</sup> currents in coronary artery smooth muscle cells and ventricular myocytes. FASEB Journal, 2010, 24, 595.7.	0.5	0
11	Loss of function of Ca <sub>v</sub> 1.2 in cultured bovine coronary artery smooth muscle cells. FASEB Journal, 2009, 23, 1018.9.	0.5	0
12	Activation of Glucose-6-Phosphate Dehydrogenase by Depolarization of Membrane Potential Mediates Vascular Smooth Muscle Contraction. FASEB Journal, 2009, 23, 627.11.	0.5	0
13	Cholesterol depletion modulates basal L-type Ca <sup>2+</sup> current and abolishes its β <sub>2</sub> -adrenergic enhancement in ventricular myocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H285-H292.	3.2	34
14	Cholesterol regulates β <sub>2</sub> -adrenergic enhancement of L-type Ca current in rat ventricular myocytes. FASEB Journal, 2008, 22, 1201.2.	0.5	0
15	Epiandrosterone activates BKCa channel in bovine coronary artery smooth muscle cells. FASEB Journal, 2008, 22, 744.6.	0.5	0
16	Ryanodine Receptor - A Novel Therapeutic Target in Heart Disease. Recent Patents on Cardiovascular Drug Discovery, 2007, 2, 110-118.	1.5	13
17	Epiandrosterone, a Metabolite of Testosterone Precursor, Blocks L-type Calcium Channels of Ventricular Myocytes and Inhibits Myocardial Contractility. Journal of Molecular and Cellular Cardiology, 2002, 34, 679-688.	1.9	35