AngÃ©lica Rueda

List of Publications by Year
in descending order

42 papers	871 citations	516710 16 h-index	477307 29 g-index
43 all docs	43 docs citations	43 times ranked	1389 citing authors

#	Article	IF	Citations
1	Aldosterone-Induced Sarco/Endoplasmic Reticulum Ca2+ Pump Upregulation Counterbalances Cav1.2-Mediated Ca2+ Influx in Mesenteric Arteries. Frontiers in Physiology, 2022, 13, 834220.	2.8	1
2	TRPV4 activity regulates nuclear Ca²⁺ and transcriptional functions of Î²â€catenin in a renal epithelial cell model. Journal of Cellular Physiology, 2021, 236, 3599-3614.	4.1	5
3	Ca²⁺ mishandling in heart failure: Potential targets. Acta Physiologica, 2021, 232, e13691.	3.8	11
4	Tale of two kinases: Protein kinase A and Ca²⁺/calmodulin-dependent protein kinase II in pre-diabetic cardiomyopathy. World Journal of Diabetes, 2021, 12, 1704-1718.	3.5	2
5	Genetic Deletion of NOD1 Prevents Cardiac Ca2+ Mishandling Induced by Experimental Chronic Kidney Disease. International Journal of Molecular Sciences, 2020, 21, 8868.	4.1	5
6	Autonomous activation of CaMKII exacerbates diastolic calcium leak during beta-adrenergic stimulation in cardiomyocytes of metabolic syndrome rats. Cell Calcium, 2020, 91, 102267.	2.4	5
7	Editorial: Evolving Picture of Calcium Handling in Cardiac Disease. Frontiers in Physiology, 2020, 11, 1013.	2.8	0
8	Enhanced Klotho availability protects against cardiac dysfunction induced by uraemic cardiomyopathy by regulating Ca²⁺ handling. British Journal of Pharmacology, 2020, 177, 4701-4719.	5.4	24
9	Metabolic syndrome diminishes insulin-induced Akt activation and causes a redistribution of Akt-interacting proteins in cardiomyocytes. PLoS ONE, 2020, 15, e0228115.	2.5	14
10	Impaired Activity of Ryanodine Receptors Contributes to Calcium Mishandling in Cardiomyocytes of Metabolic Syndrome Rats. Frontiers in Physiology, 2019, 10, 520.	2.8	16
11	Basic and Clinical Insights in Catecholaminergic (Familial) Polymorphic Ventricular Tachycardia. Revista De Investigacion Clinica, 2019, 71, 226-236.	0.4	9
12	SUN-080 Diminished Akt Activation and Interaction with 14-3-3Î¶ is Associated with Insulin Resistance in Cardiomyocytes of Metabolic Syndrome Rats. Journal of the Endocrine Society, 2019, 3, .	0.2	0
13	Specific Activation of the Alternative Cardiac Promoter of Cacna1c by the Mineralocorticoid Receptor. Circulation Research, 2018, 122, e49-e61.	4.5	15
14	Cardiac CaV1.2 Signature Induced by Mineralocorticoid in Vessels. Biophysical Journal, 2018, 114, 627a.	0.5	0
15	Mineralocorticoid Receptor in Calcium Handling of Vascular Smooth Muscle Cells. , 2018, , .		1
16	Increased calcium leak associated with reduced calsequestrin expression in hyperthyroid cardiomyocytes. Cell Calcium, 2017, 62, 29-40.	2.4	7
17	TRPV4 Regulates Tight Junctions and Affects Differentiation in a Cell Culture Model of the Corneal Epithelium. Journal of Cellular Physiology, 2017, 232, 1794-1807.	4.1	27
18	Enhanced RyR2 Channel Activity but Reduced Ca2+ Spark Occurrence In Failing Mice Cardiomyocytes. Biophysical Journal, 2016, 110, 267a-268a.	0.5	0

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19	Palmitic acid but not palmitoleic acid induces insulin resistance in a human endothelial cell line by decreasing SERCA pump expression. Cellular Signalling, 2016, 28, 53-59.	3.6	37
20	Reconciling depressed Ca2+ sparks occurrence with enhanced RyR2 activity in failing mice cardiomyocytes. Journal of General Physiology, 2015, 146, 295-306.	1.9	28
21	NOD1, a new player in cardiac function and calcium handling. Cardiovascular Research, 2015, 106, 375-386.	3.8	26
22	Acute Administration of Chitosan Nanoparticles Increases Ca²⁺ Leak in Rat Cardiomyocytes. Journal of Nano Research, 2014, 28, 29-38.	0.8	5
23	Increased Serca Pump Expression is Associated with Slow Termination of Calcium Sparks and Delayed Local Recovery in Vascular Smooth Muscle Cells of Hyperthyroid Rats. Biophysical Journal, 2014, 106, 321a.	0.5	0
24	Calcium signaling in diabetic cardiomyocytes. Cell Calcium, 2014, 56, 372-380.	2.4	59
25	Ca2+ handling alterations and vascular dysfunction in diabetes. Cell Calcium, 2014, 56, 397-407.	2.4	32
26	Ryanodine receptors as leak channels. European Journal of Pharmacology, 2014, 739, 26-38.	3.5	18
27	Abnormal Ca2+ Spark/STOC Coupling in Cerebral Artery Smooth Muscle Cells of Obese Type 2 Diabetic Mice. PLoS ONE, 2013, 8, e53321.	2.5	34
28	RyR(R4496C) Mutant Mice Model Reveals a New Paradigm on Local Ca2+ Control of ICaL. Biophysical Journal, 2011, 100, 571a.	0.5	0
29	RyRCa2+ Leak Limits Cardiac Ca2+ Window Current Overcoming the Tonic Effect of Calmodulin in Mice. PLoS ONE, 2011, 6, e20863.	2.5	11
30	Impaired Function of Cardiac Ryanodine Receptors in An Experimental Model of Metabolic Syndrome. Biophysical Journal, 2010, 98, 106a-107a.	0.5	2
31	Increased Ca ²⁺ Sensitivity of the Ryanodine Receptor Mutant RyR2 ^{R4496C} Underlies Catecholaminergic Polymorphic Ventricular Tachycardia. Circulation Research, 2009, 104, 201-209.	4.5	137
32	Mineralocorticoid Modulation of Cardiac Ryanodine Receptor Activity Is Associated With Downregulation of FK506-Binding Proteins. Circulation, 2009, 119, 2179-2187.	1.6	88
33	Molecular basis for the impaired function of the natural F112L sorcin mutant: Xâ€ray crystal structure, calcium affinity, and interaction with annexin VII and the ryanodine receptor. FASEB Journal, 2008, 22, 295-306.	0.5	40
34	Sorcin modulation of Ca2+sparks in rat vascular smooth muscle cells. Journal of Physiology, 2006, 576, 887-901.	2.9	16
35	Complex effects of ryanodine on the sarcoplasmic reticulum Ca2+ levels in smooth muscle cells. Cell Calcium, 2005, 38, 121-130.	2.4	15
36	2004 ISHR Latin American Section Meeting. Journal of Molecular and Cellular Cardiology, 2004, 37, 143-159.	1.9	0

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37	Regulation of cardiac excitation-contraction coupling by sorcin, a novel modulator of ryanodine receptors. Biological Research, 2004, 37, 609-12.	3.4	17
38	Sorcin Inhibits Calcium Release and Modulates Excitation-Contraction Coupling in the Heart. Journal of Biological Chemistry, 2003, 278, 34660-34666.	3.4	101
39	Ryanodine receptors in smooth muscle. Frontiers in Bioscience - Landmark, 2002, 7, d1676.	3.0	5
40	The initial inositol 1,4,5-trisphosphate response induced by histamine is strongly amplified by Ca2+ release from internal stores in smooth muscle. Cell Calcium, 2002, 31, 161-173.	2.4	15
41	Luminal Ca2+ and the activity of sarcoplasmic reticulum Ca2+ pumps modulate histamine-induced all-or-none Ca2+ release in smooth muscle cells. Cellular Signalling, 2002, 14, 517-527.	3.6	16
42	Ryanodine receptors in smooth muscle. Frontiers in Bioscience - Landmark, 2002, 7, d1676-1688.	3.0	19