Anna Llach

List of Publications by Year
in descending order

33 papers	1,449 citations	257450 24 h-index	414414 32 g-index
33 all docs	33 docs citations	33 times ranked	2064 citing authors

#	Article	IF	Citations
1	Influence of sex on intracellular calcium homoeostasis in patients with atrial fibrillation. Cardiovascular Research, 2022, 118, 1033-1045.	3.8	19
2	Î²2â€adrenergic stimulation potentiates spontaneous calcium release by increasing signal mass and coâ€activation of ryanodine receptor clusters. Acta Physiologica, 2022, 234, e13736.	3.8	8
3	The 4q25 variant rs13143308T links risk of atrial fibrillation to defective calcium homoeostasis. Cardiovascular Research, 2019, 115, 578-589.	3.8	37
4	Progression of excitation-contraction coupling defects in doxorubicin cardiotoxicity. Journal of Molecular and Cellular Cardiology, 2019, 126, 129-139.	1.9	30
5	Cardiac electrical defects in progeroid mice and Hutchinsonâ€“Gilford progeria syndrome patients with nuclear lamina alterations. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E7250-E7259.	7.1	39
6	Prevention of adenosine A2A receptor activation diminishes beat-to-beat alternation in human atrial myocytes. Basic Research in Cardiology, 2016, 111, 5.	5.9	28
7	Ageing is associated with deterioration of calcium homeostasis in isolated human right atrial myocytes. Cardiovascular Research, 2015, 106, 76-86.	3.8	60
8	Epac contributes to cardiac hypertrophy and amyloidosis induced by radiotherapy but not fibrosis. Radiotherapy and Oncology, 2014, 111, 63-71.	0.6	26
9	Epac in cardiac calcium signaling. Journal of Molecular and Cellular Cardiology, 2013, 58, 162-171.	1.9	50
10	Complications of chemotherapy, a basic science update. Presse Medicale, 2013, 42, e352-e361.	1.9	30
11	Low Density Lipoproteins Promote Unstable Calcium Handling Accompanied by Reduced SERCA2 and Connexin-40 Expression in Cardiomyocytes. PLoS ONE, 2013, 8, e58128.	2.5	16
12	Cyclic Adenosine Monophosphate Phosphodiesterase Type 4 Protects Against Atrial Arrhythmias. Journal of the American College of Cardiology, 2012, 59, 2182-2190.	2.8	105
13	Sarcoplasmic reticulum and Lâ€type Ca²⁺ channel activity regulate the beatâ€toâ€beat stability of calcium handling in human atrial myocytes. Journal of Physiology, 2011, 589, 3247-3262.	2.9	47
14	Abnormal calcium handling in atrial fibrillation is linked to up-regulation of adenosine A2A receptors. European Heart Journal, 2011, 32, 721-729.	2.2	67
15	Calcium handling in zebrafish ventricular myocytes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R56-R66.	1.8	48
16	Detection, Properties, and Frequency of Local Calcium Release from the Sarcoplasmic Reticulum in Teleost Cardiomyocytes. PLoS ONE, 2011, 6, e23708.	2.5	22
17	Identification of intracellular calcium dynamics in stimulated cardiomyocytes. , 2010, 2010, 68-71.		1
18	Idiopathic dilated cardiomyopathy exhibits defective vascularization and vessel formation. European Journal of Heart Failure, 2007, 9, 995-1002.	7.1	51

#	Article	IF	Citations
19	Modulation of membrane potential by an acetylcholine-activated potassium current in trout atrial myocytes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R388-R395.	1.8	31
20	Reply: Does the adenosine A2A receptor stimulate the ryanodine receptor?. Cardiovascular Research, 2007, 73, 249-250.	3.8	2
21	Umbilical Cord Blood-Derived Stem Cells Spontaneously Express Cardiomyogenic Traits. Transplantation Proceedings, 2007, 39, 2434-2437.	0.6	41
22	FGF-4 increasesin vitroexpansion rate of human adult bone marrow-derived mesenchymal stem cells. Growth Factors, 2007, 25, 71-76.	1.7	47
23	The proarrhythmic antihistaminic drug terfenadine increases spontaneous calcium release in human atrial myocytes. European Journal of Pharmacology, 2006, 553, 215-221.	3.5	29
24	Adenosine A2A receptors are expressed in human atrial myocytes and modulate spontaneous sarcoplasmic reticulum calcium release. Cardiovascular Research, 2006, 72, 292-302.	3.8	62
25	Effect of aging on the pluripotential capacity of human CD105+mesenchymal stem cells. European Journal of Heart Failure, 2006, 8, 555-563.	7.1	99
26	Identification of Cardiomyogenic Lineage Markers in Untreated Human Bone Marrowâ€“Derived Mesenchymal Stem Cells. Transplantation Proceedings, 2005, 37, 4077-4079.	0.6	32
27	Effect of Î²-adrenergic stimulation on the relationship between membrane potential, intracellular [Ca2+] and sarcoplasmic reticulum Ca2+ uptake in rainbow trout atrial myocytes. Journal of Experimental Biology, 2004, 207, 1369-1377.	1.7	11
28	Atrial Fibrillation Is Associated With Increased Spontaneous Calcium Release From the Sarcoplasmic Reticulum in Human Atrial Myocytes. Circulation, 2004, 110, 1358-1363.	1.6	301
29	Triggering of sarcoplasmic reticulum Ca2+ release and contraction by reverse mode Na+/Ca2+exchange in trout atrial myocytes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 284, R1330-R1339.	1.8	27
30	The function of the sarcoplasmic reticulum is not inhibited by low temperatures in trout atrial myocytes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R1902-R1906.	1.8	14
31	Na⁺/Ca²⁺-exchange activity regulates contraction and SR Ca²⁺content in rainbow trout atrial myocytes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R1856-R1864.	1.8	28
32	Quantification of calcium release from the sarcoplasmic reticulum in rainbow trout atrial myocytes. Pflugers Archiv European Journal of Physiology, 1999, 438, 545-552.	2.8	13
33	Quantification of Ca²⁺uptake in the sarcoplasmic reticulum of trout ventricular myocytes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 275, R2070-R2080.	1.8	28