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	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
2	Cyclic Adenosine Monophosphate Phosphodiesterase Type 4 Protects Against Atrial Arrhythmias. Journal of the American College of Cardiology, 2012, 59, 2182-2190.	2.8	105
3	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
4	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
5	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
6	Ageing is associated with deterioration of calcium homeostasis in isolated human right atrial myocytes. Cardiovascular Research, 2015, 106, 76-86.	3.8	60
7	Idiopathic dilated cardiomyopathy exhibits defective vascularization and vessel formation. European Journal of Heart Failure, 2007, 9, 995-1002.	7.1	51
8	Epac in cardiac calcium signaling. Journal of Molecular and Cellular Cardiology, 2013, 58, 162-171.	1.9	50
9	Calcium handling in zebrafish ventricular myocytes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R56-R66.	1.8	48
10	FGF-4 increases<i>in vitro</i>expansion rate of human adult bone marrow-derived mesenchymal stem cells. Growth Factors, 2007, 25, 71-76.	1.7	47
11	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
12	Umbilical Cord Blood-Derived Stem Cells Spontaneously Express Cardiomyogenic Traits. Transplantation Proceedings, 2007, 39, 2434-2437.	0.6	41
13	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
14	The 4q25 variant rs13143308T links risk of atrial fibrillation to defective calcium homoeostasis. Cardiovascular Research, 2019, 115, 578-589.	3.8	37
15	Identification of Cardiomyogenic Lineage Markers in Untreated Human Bone Marrowâ€"Derived Mesenchymal Stem Cells. Transplantation Proceedings, 2005, 37, 4077-4079.	0.6	32
16	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
17	Complications of chemotherapy, a basic science update. Presse Medicale, 2013, 42, e352-e361.	1.9	30
18	Progression of excitation-contraction coupling defects in doxorubicin cardiotoxicity. Journal of Molecular and Cellular Cardiology, 2019, 126, 129-139.	1.9	30

#	ARTICLE	IF	CITATIONS
19	The proarrhythmic antihistaminic drug terfenadine increases spontaneous calcium release in human atrial myocytes. European Journal of Pharmacology, 2006, 553, 215-221.	3.5	29
20	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
21	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
22	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
23	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
24	Epac contributes to cardiac hypertrophy and amyloidosis induced by radiotherapy but not fibrosis. Radiotherapy and Oncology, 2014, 111, 63-71.	0.6	26
25	Detection, Properties, and Frequency of Local Calcium Release from the Sarcoplasmic Reticulum in Teleost Cardiomyocytes. PLoS ONE, 2011, 6, e23708.	2.5	22
26	Influence of sex on intracellular calcium homoeostasis in patients with atrial fibrillation. Cardiovascular Research, 2022, 118, 1033-1045.	3.8	19
27	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
28	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
29	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
30	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
31	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
32	Reply: Does the adenosine A2A receptor stimulate the ryanodine receptor?. Cardiovascular Research, 2007, 73, 249-250.	3.8	2
33	Identification of intracellular calcium dynamics in stimulated cardiomyocytes. , 2010, 2010, 68-71.		1