

Anna Llach

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,449
citations

293460

24
h-index

466096

32
g-index

33
all docs

33
docs citations

33
times ranked

2246
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Influence of sex on intracellular calcium homeostasis in patients with atrial fibrillation. <i>Cardiovascular Research</i> , 2022, 118, 1033-1045. | 1.8 | 19 |
| 2 | Adrenergic stimulation potentiates spontaneous calcium release by increasing signal mass and co-activation of ryanodine receptor clusters. <i>Acta Physiologica</i> , 2022, 234, e13736. | 1.8 | 8 |
| 3 | The 4q25 variant rs13143308T links risk of atrial fibrillation to defective calcium homeostasis. <i>Cardiovascular Research</i> , 2019, 115, 578-589. | 1.8 | 37 |
| 4 | Progression of excitation-contraction coupling defects in doxorubicin cardiotoxicity. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 126, 129-139. | 0.9 | 30 |
| 5 | Cardiac electrical defects in progeroid mice and Hutchinson-Gilford progeria syndrome patients with nuclear lamina alterations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7250-E7259. | 3.3 | 39 |
| 6 | Prevention of adenosine A2A receptor activation diminishes beat-to-beat alternation in human atrial myocytes. <i>Basic Research in Cardiology</i> , 2016, 111, 5. | 2.5 | 28 |
| 7 | Ageing is associated with deterioration of calcium homeostasis in isolated human right atrial myocytes. <i>Cardiovascular Research</i> , 2015, 106, 76-86. | 1.8 | 60 |
| 8 | Epac contributes to cardiac hypertrophy and amyloidosis induced by radiotherapy but not fibrosis. <i>Radiotherapy and Oncology</i> , 2014, 111, 63-71. | 0.3 | 26 |
| 9 | Epac in cardiac calcium signaling. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 58, 162-171. | 0.9 | 50 |
| 10 | Complications of chemotherapy, a basic science update. <i>Presse Medicale</i> , 2013, 42, e352-e361. | 0.8 | 30 |
| 11 | Low Density Lipoproteins Promote Unstable Calcium Handling Accompanied by Reduced SERCA2 and Connexin-40 Expression in Cardiomyocytes. <i>PLoS ONE</i> , 2013, 8, e58128. | 1.1 | 16 |
| 12 | Cyclic Adenosine Monophosphate Phosphodiesterase Type 4 Protects Against Atrial Arrhythmias. <i>Journal of the American College of Cardiology</i> , 2012, 59, 2182-2190. | 1.2 | 105 |
| 13 | Sarcoplasmic reticulum and Ca^{2+} channel activity regulate the beat-to-beat stability of calcium handling in human atrial myocytes. <i>Journal of Physiology</i> , 2011, 589, 3247-3262. | 1.3 | 47 |
| 14 | Abnormal calcium handling in atrial fibrillation is linked to up-regulation of adenosine A2A receptors. <i>European Heart Journal</i> , 2011, 32, 721-729. | 1.0 | 67 |
| 15 | Calcium handling in zebrafish ventricular myocytes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 300, R56-R66. | 0.9 | 48 |
| 16 | Detection, Properties, and Frequency of Local Calcium Release from the Sarcoplasmic Reticulum in Teleost Cardiomyocytes. <i>PLoS ONE</i> , 2011, 6, e23708. | 1.1 | 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. <i>European Journal of Heart Failure</i> , 2007, 9, 995-1002. | 2.9 | 51 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Modulation of membrane potential by an acetylcholine-activated potassium current in trout atrial myocytes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R388-R395. | 0.9 | 31 |
| 20 | Reply: Does the adenosine A2A receptor stimulate the ryanodine receptor?. <i>Cardiovascular Research</i> , 2007, 73, 249-250. | 1.8 | 2 |
| 21 | Umbilical Cord Blood-Derived Stem Cells Spontaneously Express Cardiomyogenic Traits. <i>Transplantation Proceedings</i> , 2007, 39, 2434-2437. | 0.3 | 41 |
| 22 | FGF-4 increases <i>in vitro</i> expansion rate of human adult bone marrow-derived mesenchymal stem cells. <i>Growth Factors</i> , 2007, 25, 71-76. | 0.5 | 47 |
| 23 | The proarrhythmic antihistaminic drug terfenadine increases spontaneous calcium release in human atrial myocytes. <i>European Journal of Pharmacology</i> , 2006, 553, 215-221. | 1.7 | 29 |
| 24 | Adenosine A2A receptors are expressed in human atrial myocytes and modulate spontaneous sarcoplasmic reticulum calcium release. <i>Cardiovascular Research</i> , 2006, 72, 292-302. | 1.8 | 62 |
| 25 | Effect of aging on the pluripotential capacity of human CD105+mesenchymal stem cells. <i>European Journal of Heart Failure</i> , 2006, 8, 555-563. | 2.9 | 99 |
| 26 | Identification of Cardiomyogenic Lineage Markers in Untreated Human Bone Marrow-Derived Mesenchymal Stem Cells. <i>Transplantation Proceedings</i> , 2005, 37, 4077-4079. | 0.3 | 32 |
| 27 | Effect of β^2 -adrenergic stimulation on the relationship between membrane potential, intracellular $[Ca^{2+}]$ and sarcoplasmic reticulum Ca^{2+} uptake in rainbow trout atrial myocytes. <i>Journal of Experimental Biology</i> , 2004, 207, 1369-1377. | 0.8 | 11 |
| 28 | Atrial Fibrillation Is Associated With Increased Spontaneous Calcium Release From the Sarcoplasmic Reticulum in Human Atrial Myocytes. <i>Circulation</i> , 2004, 110, 1358-1363. | 1.6 | 301 |
| 29 | Triggering of sarcoplasmic reticulum Ca^{2+} release and contraction by reverse mode Na^+/Ca^{2+} -exchange in trout atrial myocytes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 284, R1330-R1339. | 0.9 | 27 |
| 30 | The function of the sarcoplasmic reticulum is not inhibited by low temperatures in trout atrial myocytes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R1902-R1906. | 0.9 | 14 |
| 31 | Na^+/Ca^{2+} -exchange activity regulates contraction and SR Ca^{2+} content in rainbow trout atrial myocytes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 279, R1856-R1864. | 0.9 | 28 |
| 32 | Quantification of calcium release from the sarcoplasmic reticulum in rainbow trout atrial myocytes. <i>Pflügers Archiv European Journal of Physiology</i> , 1999, 438, 545-552. | 1.3 | 13 |
| 33 | Quantification of Ca^{2+} uptake in the sarcoplasmic reticulum of trout ventricular myocytes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R2070-R2080. | 0.9 | 28 |