

Cristina E Molina

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

667
citations

16
h-index

25
g-index

37
ext. papers

941
ext. citations

5.7
avg, IF

3.49
L-index

#	Paper	IF	Citations
31	Cyclic adenosine monophosphate phosphodiesterase type 4 protects against atrial arrhythmias. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 2182-90	15.1	82
30	Abnormal calcium handling in atrial fibrillation is linked to up-regulation of adenosine A2A receptors. <i>European Heart Journal</i> , 2011 , 32, 721-9	9.5	52
29	Ageing is associated with deterioration of calcium homeostasis in isolated human right atrial myocytes. <i>Cardiovascular Research</i> , 2015 , 106, 76-86	9.9	45
28	Atrial Myocyte NLRP3/CaMKII Nexus Forms a Substrate for Postoperative Atrial Fibrillation. <i>Circulation Research</i> , 2020 , 127, 1036-1055	15.7	43
27	Decreased sarcolipin protein expression and enhanced sarco(endo)plasmic reticulum Ca ²⁺ uptake in human atrial fibrillation. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 410, 97-101	3.4	40
26	FGF-4 increases in vitro expansion rate of human adult bone marrow-derived mesenchymal stem cells. <i>Growth Factors</i> , 2007 , 25, 71-6	1.6	40
25	Profibrotic, Electrical, and Calcium-Handling Remodeling of the Atria in Heart Failure Patients With and Without Atrial Fibrillation. <i>Frontiers in Physiology</i> , 2018 , 9, 1383	4.6	39
24	Sarcoplasmic reticulum and L-type Ca ²⁺ channel activity regulate the beat-to-beat stability of calcium handling in human atrial myocytes. <i>Journal of Physiology</i> , 2011 , 589, 3247-62	3.9	38
23	Umbilical cord blood-derived stem cells spontaneously express cardiomyogenic traits. <i>Transplantation Proceedings</i> , 2007 , 39, 2434-7	1.1	38
22	Interventricular differences in β -adrenergic responses in the canine heart: role of phosphodiesterases. <i>Journal of the American Heart Association</i> , 2014 , 3, e000858	6	26
21	Expression and function of Kv1.1 potassium channels in human atria from patients with atrial fibrillation. <i>Basic Research in Cardiology</i> , 2015 , 110, 505	11.8	25
20	The proarrhythmic antihistaminic drug terfenadine increases spontaneous calcium release in human atrial myocytes. <i>European Journal of Pharmacology</i> , 2006 , 553, 215-21	5.3	25
19	Identification of optimal reference genes for transcriptomic analyses in normal and diseased human heart. <i>Cardiovascular Research</i> , 2018 , 114, 247-258	9.9	23
18	Prevention of adenosine A2A receptor activation diminishes beat-to-beat alternation in human atrial myocytes. <i>Basic Research in Cardiology</i> , 2016 , 111, 5	11.8	21
17	Detection, properties, and frequency of local calcium release from the sarcoplasmic reticulum in teleost cardiomyocytes. <i>PLoS ONE</i> , 2011 , 6, e23708	3.7	20
16	Differences in Left Versus Right Ventricular Electrophysiological Properties in Cardiac Dysfunction and Arrhythmogenesis. <i>Arrhythmia and Electrophysiology Review</i> , 2016 , 5, 14-9	3.2	19
15	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, R388-95	3.2	15

14	The functional consequences of sodium channel Na 1.8 in human left ventricular hypertrophy. <i>ESC Heart Failure</i> , 2019 , 6, 154-163	3.7	13
13	cAMP Imaging at Ryanodine Receptors Reveals β -Adrenoceptor Driven Arrhythmias. <i>Circulation Research</i> , 2021 , 129, 81-94	15.7	10
12	cGMP signalling in cardiomyocyte microdomains. <i>Biochemical Society Transactions</i> , 2019 , 47, 1327-1339	5.1	6
11	Impact of phosphodiesterases PDE3 and PDE4 on 5-hydroxytryptamine receptor4-mediated increase of cAMP in human atrial fibrillation. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021 , 394, 291-298	3.4	5
10	Dyserferlin links excitation-contraction coupling to structure and maintenance of the cardiac transverse-axial tubule system. <i>Europace</i> , 2020 , 22, 1119-1131	3.9	3
9	Abnormal Calcium Handling in Atrial Fibrillation Is Linked to Changes in Cyclic AMP Dependent Signaling. <i>Cells</i> , 2021 , 10,	7.9	3
8	Mapping genetic changes in the cAMP-signaling cascade in human atria. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 155, 10-20	5.8	3
7	ESC working group on cardiac cellular electrophysiology position paper: relevance, opportunities, and limitations of experimental models for cardiac electrophysiology research. <i>Europace</i> , 2021 , 23, 1795-1814	3.9	3
6	Effects of Atrial Fibrillation on the Human Ventricle.. <i>Circulation Research</i> , 2022 , CIRCRESAHA121319718	5.7	3
5	Regulation of basal and norepinephrine-induced cAMP and I in hiPSC-cardiomyocytes: Effects of culture conditions and comparison to adult human atrial cardiomyocytes. <i>Cellular Signalling</i> , 2021 , 82, 109970	4.9	2
4	Rise of cGMP by partial phosphodiesterase-3A degradation enhances cardioprotection during hypoxia. <i>Redox Biology</i> , 2021 , 48, 102179	11.3	1
3	Voltage-Gated Calcium Channels and Their Roles in Cardiac Electrophysiology. <i>Cardiac and Vascular Biology</i> , 2018 , 77-96	0.2	1
2	Molecular Basis of Atrial Fibrillation Initiation and Maintenance. <i>Hearts</i> , 2021 , 2, 170-187	0.6	1
1	Live Cell Imaging of Cyclic Nucleotides in Human Cardiomyocytes.. <i>Methods in Molecular Biology</i> , 2022 , 2483, 195-204	1.4	