

# Cristina E Molina

## List of Publications by Year in Descending Order

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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	Live Cell Imaging of Cyclic Nucleotides in Human Cardiomyocytes.. <i>Methods in Molecular Biology</i> , <b>2022</b> , 2483, 195-204	1.4	
30	Effects of Atrial Fibrillation on the Human Ventricle.. <i>Circulation Research</i> , <b>2022</b> , CIRCRESAHA121319718	5.7	3
29	Abnormal Calcium Handling in Atrial Fibrillation Is Linked to Changes in Cyclic AMP Dependent Signaling. <i>Cells</i> , <b>2021</b> , 10,	7.9	3
28	Rise of cGMP by partial phosphodiesterase-3A degradation enhances cardioprotection during hypoxia. <i>Redox Biology</i> , <b>2021</b> , 48, 102179	11.3	1
27	Molecular Basis of Atrial Fibrillation Initiation and Maintenance. <i>Hearts</i> , <b>2021</b> , 2, 170-187	0.6	1
26	cAMP Imaging at Ryanodine Receptors Reveals $\beta$ -Adrenoceptor Driven Arrhythmias. <i>Circulation Research</i> , <b>2021</b> , 129, 81-94	15.7	10
25	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> , <b>2021</b> , 82, 109970	4.9	2
24	Mapping genetic changes in the cAMP-signaling cascade in human atria. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2021</b> , 155, 10-20	5.8	3
23	ESC working group on cardiac cellular electrophysiology position paper: relevance, opportunities, and limitations of experimental models for cardiac electrophysiology research. <i>Europace</i> , <b>2021</b> , 23, 1795-1814	3.0	3
22	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> , <b>2021</b> , 394, 291-298	3.4	5
21	Dyserlin links excitation-contraction coupling to structure and maintenance of the cardiac transverse-axial tubule system. <i>Europace</i> , <b>2020</b> , 22, 1119-1131	3.9	3
20	Atrial Myocyte NLRP3/CaMKII Nexus Forms a Substrate for Postoperative Atrial Fibrillation. <i>Circulation Research</i> , <b>2020</b> , 127, 1036-1055	15.7	43
19	cGMP signalling in cardiomyocyte microdomains. <i>Biochemical Society Transactions</i> , <b>2019</b> , 47, 1327-1339	5.1	6
18	The functional consequences of sodium channel Na 1.8 in human left ventricular hypertrophy. <i>ESC Heart Failure</i> , <b>2019</b> , 6, 154-163	3.7	13
17	Identification of optimal reference genes for transcriptomic analyses in normal and diseased human heart. <i>Cardiovascular Research</i> , <b>2018</b> , 114, 247-258	9.9	23
16	Voltage-Gated Calcium Channels and Their Roles in Cardiac Electrophysiology. <i>Cardiac and Vascular Biology</i> , <b>2018</b> , 77-96	0.2	1
15	Profibrotic, Electrical, and Calcium-Handling Remodeling of the Atria in Heart Failure Patients With and Without Atrial Fibrillation. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1383	4.6	39

14	Prevention of adenosine A <sub>2A</sub> receptor activation diminishes beat-to-beat alternation in human atrial myocytes. <i>Basic Research in Cardiology</i> , <b>2016</b> , 111, 5	11.8	21
13	Differences in Left Versus Right Ventricular Electrophysiological Properties in Cardiac Dysfunction and Arrhythmogenesis. <i>Arrhythmia and Electrophysiology Review</i> , <b>2016</b> , 5, 14-9	3.2	19
12	Ageing is associated with deterioration of calcium homeostasis in isolated human right atrial myocytes. <i>Cardiovascular Research</i> , <b>2015</b> , 106, 76-86	9.9	45
11	Expression and function of Kv1.1 potassium channels in human atria from patients with atrial fibrillation. <i>Basic Research in Cardiology</i> , <b>2015</b> , 110, 505	11.8	25
10	Interventricular differences in $\beta$ -adrenergic responses in the canine heart: role of phosphodiesterases. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e000858	6	26
9	Cyclic adenosine monophosphate phosphodiesterase type 4 protects against atrial arrhythmias. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 59, 2182-90	15.1	82
8	Decreased sarcolipin protein expression and enhanced sarco(endo)plasmic reticulum Ca <sup>2+</sup> uptake in human atrial fibrillation. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 410, 97-101	3.4	40
7	Sarcoplasmic reticulum and L-type Ca <sup>2+</sup> channel activity regulate the beat-to-beat stability of calcium handling in human atrial myocytes. <i>Journal of Physiology</i> , <b>2011</b> , 589, 3247-62	3.9	38
6	Abnormal calcium handling in atrial fibrillation is linked to up-regulation of adenosine A <sub>2A</sub> receptors. <i>European Heart Journal</i> , <b>2011</b> , 32, 721-9	9.5	52
5	Detection, properties, and frequency of local calcium release from the sarcoplasmic reticulum in teleost cardiomyocytes. <i>PLoS ONE</i> , <b>2011</b> , 6, e23708	3.7	20
4	FGF-4 increases in vitro expansion rate of human adult bone marrow-derived mesenchymal stem cells. <i>Growth Factors</i> , <b>2007</b> , 25, 71-6	1.6	40
3	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> , <b>2007</b> , 292, R388-95	3.2	15
2	Umbilical cord blood-derived stem cells spontaneously express cardiomyogenic traits. <i>Transplantation Proceedings</i> , <b>2007</b> , 39, 2434-7	1.1	38
1	The proarrhythmic antihistaminic drug terfenadine increases spontaneous calcium release in human atrial myocytes. <i>European Journal of Pharmacology</i> , <b>2006</b> , 553, 215-21	5.3	25