

Christopher H George

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.

44
papers

2,858
citations

23
h-index

53
g-index

59
ext. papers

3,769
ext. citations

6.3
avg, IF

4.96
L-index

#	Paper	IF	Citations
44	Moving in the right direction: elucidating the mechanisms of interaction between flecainide and the cardiac ryanodine receptor. <i>British Journal of Pharmacology</i> , 2021 ,	8.6	1
43	Cupid, a cell permeable peptide derived from amoeba, capable of delivering GFP into a diverse range of species. <i>Scientific Reports</i> , 2020 , 10, 13725	4.9	1
42	Connect and Conquer: Collectivized Behavior of Mitochondria and Bacteria. <i>Frontiers in Physiology</i> , 2019 , 10, 340	4.6	2
41	The ryanodine receptor: advances in structure and organization. <i>Current Opinion in Physiology</i> , 2018 , 1, 1-6	2.6	3
40	Association of cardiac myosin-binding protein-C with the ryanodine receptor channel - putative retrograde regulation?. <i>Journal of Cell Science</i> , 2018 , 131,	5.3	6
39	Introduction to biological complexity as a missing link in drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2018 , 13, 753-763	6.2	7
38	Decoding Ca ²⁺ Signals as a Non-electrophysiological Method for Assessing Drug Toxicity in Stem Cell-Derived Cardiomyocytes. <i>Methods in Pharmacology and Toxicology</i> , 2017 , 173-190	1.1	1
37	Massive Accumulation of Myofibroblasts in the Critical Isthmus Is Associated With Ventricular Tachycardia Inducibility in Post-Infarct Swine Heart. <i>JACC: Clinical Electrophysiology</i> , 2017 , 3, 703-714	4.6	12
36	Ryanodine receptors are part of the myospryn complex in cardiac muscle. <i>Scientific Reports</i> , 2017 , 7, 6312.9	4.9	14
35	Questioning flecainide's mechanism of action in the treatment of catecholaminergic polymorphic ventricular tachycardia. <i>Journal of Physiology</i> , 2016 , 594, 6431-6432	3.9	4
34	Effect of flecainide derivatives on sarcoplasmic reticulum calcium release suggests a lack of direct action on the cardiac ryanodine receptor. <i>British Journal of Pharmacology</i> , 2016 , 173, 2446-59	8.6	8
33	Pleiotropic mechanisms of action of perhexiline in heart failure. <i>Expert Opinion on Therapeutic Patents</i> , 2016 , 26, 1049-59	6.8	13
32	Synergy Between Intercellular Communication and Intracellular Ca ²⁺ Handling in Arrhythmogenesis. <i>Annals of Biomedical Engineering</i> , 2015 , 43, 1614-25	4.7	7
31	A new system for profiling drug-induced calcium signal perturbation in human embryonic stem cell-derived cardiomyocytes. <i>Journal of Biomolecular Screening</i> , 2015 , 20, 330-40		11
30	The mechanism of flecainide action in CPVT does not involve a direct effect on RyR2. <i>Circulation Research</i> , 2015 , 116, 1324-35	15.7	66
29	A Systemized Approach to Investigate Ca ²⁺ Synchronization in Clusters of Human Induced Pluripotent Stem-Cell Derived Cardiomyocytes. <i>Frontiers in Cell and Developmental Biology</i> , 2015 , 3, 89	5.7	4
28	Techniques and methodologies to study the ryanodine receptor at the molecular, subcellular and cellular level. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 740, 183-215	3.6	5

27	A network-oriented perspective on cardiac calcium signaling. <i>American Journal of Physiology - Cell Physiology</i> , 2012 , 303, C897-910	5.4	14
26	Divergent effect of mammalian PLC β in generating Ca $^{2+}$ oscillations in somatic cells compared with eggs. <i>Biochemical Journal</i> , 2011 , 438, 545-53	3.8	25
25	Searching for new cardiovascular drugs: towards improved systems for drug screening?. <i>Expert Opinion on Drug Discovery</i> , 2011 , 6, 1155-70	6.2	7
24	How does CaMKII δ phosphorylation of the cardiac ryanodine receptor contribute to inotropy?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, E123; author reply E124	11.5	4
23	Soluble TLR2 reduces inflammation without compromising bacterial clearance by disrupting TLR2 triggering. <i>Journal of Immunology</i> , 2009 , 183, 506-17	5.3	73
22	Genetic polymorphisms in beta1 and beta2 adrenergic receptors: variations without a theme?. <i>Heart Rhythm</i> , 2008 , 5, 822-5	6.7	2
21	Refocussing therapeutic strategies for cardiac arrhythmias: defining viable molecular targets to restore cardiac ion flux. <i>Expert Opinion on Therapeutic Patents</i> , 2008 , 18, 1-19	6.8	15
20	Sarcoplasmic reticulum Ca $^{2+}$ leak in heart failure: mere observation or functional relevance?. <i>Cardiovascular Research</i> , 2008 , 77, 302-14	9.9	59
19	Developing new anti-arrhythmics: clues from the molecular basis of cardiac ryanodine receptor (RyR2) Ca $^{2+}$ -release channel dysfunction. <i>Current Pharmaceutical Design</i> , 2007 , 13, 3195-211	3.3	11
18	Alternative splicing of ryanodine receptors modulates cardiomyocyte Ca $^{2+}$ signaling and susceptibility to apoptosis. <i>Circulation Research</i> , 2007 , 100, 874-83	15.7	53
17	Ryanodine receptors and ventricular arrhythmias: emerging trends in mutations, mechanisms and therapies. <i>Journal of Molecular and Cellular Cardiology</i> , 2007 , 42, 34-50	5.8	129
16	Arrhythmogenic mutation-linked defects in ryanodine receptor autoregulation reveal a novel mechanism of Ca $^{2+}$ release channel dysfunction. <i>Circulation Research</i> , 2006 , 98, 88-97	15.7	72
15	Differential Ca $^{2+}$ sensitivity of RyR2 mutations reveals distinct mechanisms of channel dysfunction in sudden cardiac death. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 331, 231-8	3.4	37
14	Toward a molecular understanding of the structure-function of ryanodine receptor Ca $^{2+}$ release channels: perspectives from recombinant expression systems. <i>Cell Biochemistry and Biophysics</i> , 2005 , 42, 197-222	3.2	18
13	Ryanodine receptor dysfunction in arrhythmia and sudden cardiac death. <i>Future Cardiology</i> , 2005 , 1, 531-41	4.1	5
12	Ryanodine receptor regulation by intramolecular interaction between cytoplasmic and transmembrane domains. <i>Molecular Biology of the Cell</i> , 2004 , 15, 2627-38	3.5	54
11	Functional heterogeneity of ryanodine receptor mutations associated with sudden cardiac death. <i>Cardiovascular Research</i> , 2004 , 64, 52-60	9.9	43
10	Dysregulated ryanodine receptors mediate cellular toxicity: restoration of normal phenotype by FKBP12.6. <i>Journal of Biological Chemistry</i> , 2003 , 278, 28856-64	5.4	24

9	In situ modulation of the human cardiac ryanodine receptor (hRyR2) by FKBP12.6. <i>Biochemical Journal</i> , 2003 , 370, 579-89	3.8	33
8	Ryanodine receptor mutations associated with stress-induced ventricular tachycardia mediate increased calcium release in stimulated cardiomyocytes. <i>Circulation Research</i> , 2003 , 93, 531-40	15.7	203
7	Analysis of gap junction assembly using mutated connexins detected in Charcot-Marie-Tooth X-linked disease. <i>Journal of Neurochemistry</i> , 2000 , 74, 711-20	6	47
6	Targeted bioluminescent indicators in living cells. <i>Methods in Enzymology</i> , 2000 , 305, 479-98	1.7	11
5	Intracellular trafficking pathways in the assembly of connexins into gap junctions. <i>Journal of Biological Chemistry</i> , 1999 , 274, 8678-85	5.4	98
4	Synthesis and assembly of connexins in vitro into homomeric and heteromeric functional gap junction hemichannels. <i>Biochemical Journal</i> , 1999 , 339, 247-253	3.8	66
3	Synthesis and assembly of connexins in vitro into homomeric and heteromeric functional gap junction hemichannels. <i>Biochemical Journal</i> , 1999 , 339, 247	3.8	19
2	Assembly of chimeric connexin-aequorin proteins into functional gap junction channels. Reporting intracellular and plasma membrane calcium environments. <i>Journal of Biological Chemistry</i> , 1998 , 273, 1719-26	5.4	56
1	Connexin-aequorin chimerae report cytoplasmic calcium environments along trafficking pathways leading to gap junction biogenesis in living COS-7 cells. <i>Journal of Biological Chemistry</i> , 1998 , 273, 29822-54	5.4	51