

Ingrid M Bonilla

List of Publications by Year in descending order

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papers

744
citations

516710

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25
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33
all docs

33
docs citations

33
times ranked

1236
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting OCT3 attenuates doxorubicin-induced cardiac injury. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	33
2	Pyridostigmine improves cardiac function and rhythmicity through RyR2 stabilization and inhibition of STIM1-mediated calcium entry in heart failure. Journal of Cellular and Molecular Medicine, 2021, 25, 4637-4648.	3.6	3
3	Chronic heart failure increases negative chronotropic effects of adenosine in canine sinoatrial cells via A1R stimulation and GIRK-mediated IKado. Life Sciences, 2020, 240, 117068.	4.3	14
4	Increased RyR2 activity is exacerbated by calcium leak-induced mitochondrial ROS. Basic Research in Cardiology, 2020, 115, 38.	5.9	73
5	Hyperactivity of RyR2 in Cardiac Disease is Exacerbated by Calcium Leak-Induced Mitochondrial ROS. Biophysical Journal, 2020, 118, 255a-256a.	0.5	0
6	Muscarinic Receptor Stimulation Differentially Regulates Nucleoplasmic Calcium in Atrial and Ventricular Myocytes. Biophysical Journal, 2020, 118, 563a.	0.5	0
7	SOCE Contributes to Normal Calcium Homeostasis and Rythmic Activity of Atrial Myocardium. Biophysical Journal, 2020, 118, 406a.	0.5	0
8	Muscarinic-dependent phosphorylation of the cardiac ryanodine receptor by protein kinase G is mediated by PI3K-AKT-nNOS signaling. Journal of Biological Chemistry, 2020, 295, 11720-11728.	3.4	6
9	Pyridostigmine Reduces Arrhythmogenic Store Operated Calcium Entry in a Transverse Aortic Constriction HF Model in Mice. Biophysical Journal, 2020, 118, 405a.	0.5	0
10	Renal Tubular Secretion of Dofetilide is Dependent on MATE1 Function. FASEB Journal, 2020, 34, 1-1.	0.5	0
11	Abstract 14035: Renal Tubular Secretion and Cardiac Distribution of Dofetilide is Dependent on MATE1 Function. Circulation, 2020, 142, .	1.6	1
12	Enhancement of Cardiac Store Operated Calcium Entry (SOCE) within Novel Intercalated Disk Microdomains in Arrhythmic Disease. Scientific Reports, 2019, 9, 10179.	3.3	33
13	Tetrodotoxin-sensitive Navs contribute to early and delayed afterdepolarizations in long QT arrhythmia models. Journal of General Physiology, 2018, 150, 991-1002.	1.9	25
14	In Utero Particulate Matter Exposure Produces Heart Failure, Electrical Remodeling, and Epigenetic Changes at Adulthood. Journal of the American Heart Association, 2017, 6, .	3.7	46
15	The role of spatial organization of Ca ²⁺ release sites in the generation of arrhythmogenic diastolic Ca ²⁺ release in myocytes from failing hearts. Basic Research in Cardiology, 2017, 112, 44.	5.9	17
16	Chronic Omega-3 Polyunsaturated Fatty Acid Treatment Variably Affects Cellular Repolarization in a Healed Post-MI Arrhythmia Model. Frontiers in Physiology, 2016, 7, 225.	2.8	2
17	Muscarinic Stimulation Facilitates Sarcoplasmic Reticulum Ca Release by Modulating Ryanodine Receptor 2 Phosphorylation Through Protein Kinase G and Ca/Calmodulin-Dependent Protein Kinase II. Hypertension, 2016, 68, 1171-1178.	2.7	21
18	Heart failure duration progressively modulates the arrhythmia substrate through structural and electrical remodeling. Life Sciences, 2015, 123, 61-71.	4.3	24

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19	Dysfunction in the β II Spectrin-Dependent Cytoskeleton Underlies Human Arrhythmia. <i>Circulation</i> , 2015, 131, 695-708.	1.6	56
20	Abstract 17344: Increasing Calcium-activated Potassium Current Shortens and Stabilizes Repolarization in Chronic Heart Failure. <i>Circulation</i> , 2015, 132, .	1.6	0
21	Abstract 17375: In Utero Particulate Matter Exposure Produces Heart Failure and Electrical Remodeling at Adulthood. <i>Circulation</i> , 2015, 132, .	1.6	0
22	Ibandronate and Ventricular Arrhythmia Risk. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 299-306.	1.7	11
23	Calcium-Activated Potassium Current Modulates Ventricular Repolarization in Chronic Heart Failure. <i>PLoS ONE</i> , 2014, 9, e108824.	2.5	62
24	Differential Effects of the Peroxynitrite Donor, SIN-1, on Atrial and Ventricular Myocyte Electrophysiology. <i>Journal of Cardiovascular Pharmacology</i> , 2013, 61, 401-407.	1.9	10
25	Dietary Omega-3 Fatty Acids Promote Arrhythmogenic Remodeling of Cellular Ca^{2+} Handling in a Postinfarction Model of Sudden Cardiac Death. <i>PLoS ONE</i> , 2013, 8, e78414.	2.5	9
26	Prolonged Action Potential and After depolarizations Are Not due to Changes in Potassium Currents in NOS3 Knockout Ventricular Myocytes. <i>Journal of Signal Transduction</i> , 2012, 2012, 1-8.	2.0	6
27	Differential regulation of EHD3 in human and mammalian heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 1183-1190.	1.9	34
28	Endurance exercise training normalizes repolarization and calcium-handling abnormalities, preventing ventricular fibrillation in a model of sudden cardiac death. <i>Journal of Applied Physiology</i> , 2012, 113, 1772-1783.	2.5	23
29	Nitric Oxide Synthases and Atrial Fibrillation. <i>Frontiers in Physiology</i> , 2012, 3, 105.	2.8	37
30	Shortened Ca^{2+} Signaling Refractoriness Underlies Cellular Arrhythmogenesis in a Postinfarction Model of Sudden Cardiac Death. <i>Circulation Research</i> , 2012, 110, 569-577.	4.5	99
31	Tetrahydrobiopterin depletion and NOS2 uncoupling contribute to heart failure-induced alterations in atrial electrophysiology. <i>Cardiovascular Research</i> , 2011, 91, 71-79.	3.8	70
32	Repolarization abnormalities and afterdepolarizations in a canine model of sudden cardiac death. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R1463-R1472.	1.8	28
33	Molecular Mechanism and Current Therapies for Catecholaminergic Polymorphic Ventricular Tachycardia. , 0, , .		1