Guillermo J Perez

List of Publications by Year
in descending order

44 papers	2,728 citations	361413 20 h-index	302126 39 g-index
46 all docs	46 docs citations	46 times ranked	2564 citing authors

#	Article	IF	Citations
1	Generation of an induced pluripotent stem cell line from a healthy Caucasian male. Stem Cell Research, 2022, 60, 102717.	0.7	1
2	Epigenetic Changes Governing Scn5a Expression in Denervated Skeletal Muscle. International Journal of Molecular Sciences, 2021, 22, 2755.	4.1	7
3	CPVT-Associated Mutation P.G357S-RYR2 Promotes a Gain of Function in Patient-Specific Induced Pluripotent Stem Cell-Derived Cardiomyocytes (iPS-CM). Biophysical Journal, 2020, 118, 255a.	0.5	1
4	An SCN1B Variant Affects Both Cardiac-Type (NaV1.5) and Brain-Type (NaV1.1) Sodium Currents and Contributes to Complex Concomitant Brain and Cardiac Disorders. Frontiers in Cell and Developmental Biology, 2020, 8, 528742.	3.7	13
5	Comparative Study of the Effects of an SCN5A Mutation within a Family Diagnosed with Brugada Syndrome using iPS-CM. Biophysical Journal, 2020, 118, 500a.	0.5	2
6	Î²-Adrenergic Pathway is Enhanced by Hormone-Induced Maturation of Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes (iPS-CM). Biophysical Journal, 2019, 116, 383a.	0.5	0
7	Extra Virgin Olive Oil Contains a Phenolic Inhibitor of the Histone Demethylase LSD1/KDM1A. Nutrients, 2019, 11, 1656.	4.1	26
8	Sudden infant death as the most severe phenotype caused by genetic modulation in a family with atrial fibrillation. Forensic Science International: Genetics, 2019, 43, 102159.	3.1	1
9	Experimental Models of Brugada syndrome. International Journal of Molecular Sciences, 2019, 20, 2123.	4.1	28
10	Cardiac Sodium Current is Severely Impaired in Induced Pluripotent Stem Cell-Derived Cardiomyocytes from Brugada Syndrome Patients. Biophysical Journal, 2019, 116, 390a-391a.	0.5	0
11	Elucidating the Role of K+ Channels during In Vitro Capacitation of Boar Spermatozoa: Do SLO1 Channels Play a Crucial Role?. International Journal of Molecular Sciences, 2019, 20, 6330.	4.1	12
12	La flecainida reduce las arritmias ventriculares en pacientes con taquicardia ventricular polimÃ³rfica catecolaminÃ©rgica genotipo RyR2 positivo. Revista Espanola De Cardiologia, 2018, 71, 185-191.	1.2	7
13	Sodium channel current loss of function in induced pluripotent stem cell-derived cardiomyocytes from a Brugada syndrome patient. Journal of Molecular and Cellular Cardiology, 2018, 114, 10-19.	1.9	47
14	Flecainide Reduces Ventricular Arrhythmias in Patients With Genotype RyR2-positive Catecholaminergic Polymorphic Ventricular Tachycardia. Revista Espanola De Cardiologia (English Ed) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.9	9
15	Contribution of Cardiac Sodium Channel Î²-Subunit Variants to Brugada Syndrome. Circulation Journal, 2015, 79, 2118-2129.	1.6	9
16	Clinical and molecular characterization of a cardiac ryanodine receptor founder mutation causing catecholaminergic polymorphic ventricular tachycardia. Heart Rhythm, 2015, 12, 1636-1643.	0.7	38
17	The smooth muscle-type Î²1subunit potentiates activation by DiBAC4(3) in recombinant BK channels. Channels, 2014, 8, 95-102.	2.8	1
18	A missense mutation in the sodium channel Î²1b subunit reveals SCN1B as a susceptibility gene underlying long QT syndrome. Heart Rhythm, 2014, 11, 1202-1209.	0.7	33

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19	Protein arginine methyl transferasesâ€3 and â€5 increase cell surface expression of cardiac sodium channel. FEBS Letters, 2013, 587, 3159-3165.	2.8	40
20	Large-conductance calcium-activated potassium current modulates excitability in isolated canine intracardiac neurons. American Journal of Physiology - Cell Physiology, 2013, 304, C280-C286.	4.6	12
21	A Missense Mutation in the Sodium Channel Î²2 Subunit RevealsSCN2Bas a New Candidate Gene for Brugada Syndrome. Human Mutation, 2013, 34, 961-966.	2.5	96
22	DiBAC4(3) hits a â€œsweet spotâ€•for the activation of arterial large-conductance Ca2+-activated potassium channels independently of the Î²1-subunit. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H1471-H1482.	3.2	9
23	Molecular heterogeneity of large-conductance calcium-activated potassium channels in canine intracardiac ganglia. Channels, 2013, 7, 322-328.	2.8	7
24	A Novel Missense Mutation, I890T, in the Pore Region of Cardiac Sodium Channel Causes Brugada Syndrome. PLoS ONE, 2013, 8, e53220.	2.5	22
25	A Common Single Nucleotide Polymorphism Can Exacerbate Long-QT Type 2 Syndrome Leading to Sudden Infant Death. Circulation: Cardiovascular Genetics, 2010, 3, 199-206.	5.1	53
26	Overlapping LQT1 and LQT2 Phenotype in a Patient with Long QT Syndrome Associated with Loss-of-Function Variations in KCNQ1 and KCNH2. Biophysical Journal, 2010, 98, 116a.	0.5	0
27	Genetics and cardiac channelopathies. Genetics in Medicine, 2010, 12, 260-267.	2.4	96
28	Overlapping LQT1 and LQT2 phenotype in a patient with long QT syndrome associated with loss-of-function variations in KCNQ1 and KCNH2. Canadian Journal of Physiology and Pharmacology, 2010, 88, 1181-1190.	1.4	12
29	Kir2.3 knockâ€down decreases I_{K1} current in neonatal rat cardiomyocytes. FEBS Letters, 2008, 582, 2338-2342.	2.8	7
30	High sensitivity of the sheep pulmonary vein antrum to acetylcholine stimulation. Journal of Applied Physiology, 2008, 105, 293-298.	2.5	4
31	Functional expression of â€œcardiac-typeâ€•Nav1.5 sodium channel in canine intracardiac ganglia. Heart Rhythm, 2006, 3, 842-850.	0.7	43
32	Twinkle Twinkle Little Spark: Out of Tune Potassium Channels. , 2005, , 145-155.		0
33	Dual Effect of Tamoxifen on Arterial KCa Channels Does Not Depend on the Presence of the Î²1 Subunit. Journal of Biological Chemistry, 2005, 280, 21739-21747.	3.4	19
34	Electrophysiologic Properties and Antiarrhythmic Actions of a Novel Antianginal Agent. Journal of Cardiovascular Pharmacology and Therapeutics, 2004, 9, S65-S83.	2.0	115
35	Ionic and Cellular Basis for the Predominance of the Brugada Syndrome Phenotype in Males. Circulation, 2002, 106, 2004-2011.	1.6	352
36	Ca2+Sparks and Their Function in Human Cerebral Arteries. Stroke, 2002, 33, 802-808.	2.0	90

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37	Ca2+ sparks and BK currents in gallbladder myocytes: role in CCK-induced response. American Journal of Physiology - Renal Physiology, 2002, 282, G165-G174.	3.4	39
38	Micromolar Ca²⁺ from sparks activates Ca²⁺-sensitive K⁺ channels in rat cerebral artery smooth muscle. American Journal of Physiology - Cell Physiology, 2001, 281, C1769-C1775.	4.6	186
39	Vasoregulation by the Î²1 subunit of the calcium-activated potassium channel. Nature, 2000, 407, 870-876.	27.8	772
40	Communication of local calcium release (calcium sparks) from ryanodine receptors (RyRs) in the sarcoplasmic reticulum (SR) to calcium-sensitive potassium (BK) channels in gallbladder smooth muscle (GBSM). Gastroenterology, 2000, 118, A859.	1.3	0
41	Functional Coupling of Ryanodine Receptors to KCa Channels in Smooth Muscle Cells from Rat Cerebral Arteries. Journal of General Physiology, 1999, 113, 229-238.	1.9	261
42	Reconstitution of expressed KCa channels from Xenopus oocytes to lipid bilayers. Biophysical Journal, 1994, 66, 1022-1027.	0.5	57
43	Characterization of large-conductance, calcium-activated potassium channels from human myometrium. American Journal of Obstetrics and Gynecology, 1993, 168, 652-660.	1.3	58
44	Calcium-activated K+ channels as modulators of human myometrial contractile activity. American Journal of Physiology - Cell Physiology, 1993, 265, C976-C985.	4.6	143