

Pablo Miranda

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Demonstration of ion channel synthesis by isolated squid giant axon provides functional evidence for localized axonal membrane protein translation. <i>Scientific Reports</i> , 2018, 8, 2207.	3.3	17
2	Voltage-dependent dynamics of the BK channel cytosolic gating ring are coupled to the membrane-embedded voltage sensor. <i>ELife</i> , 2018, 7, .	6.0	18
3	BK Channel Gating-Ring Voltage Dependence Motions. <i>Biophysical Journal</i> , 2017, 112, 39a.	0.5	0
4	Functional effects of proinflammatory factors present in Sjögren's syndrome salivary microenvironment in an in vitro model of human salivary gland. <i>Scientific Reports</i> , 2017, 7, 11897.	3.3	10
5	Selective Cation Binding to the Gating-Ring Triggers Independent RCK Motions in the BK Channel. <i>Biophysical Journal</i> , 2016, 110, 187a.	0.5	0
6	Interactions of divalent cations with calcium binding sites of BK channels reveal independent motions within the gating ring. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14055-14060.	7.1	25
7	Voltage Dependence of BK Channels Gating Ring Motion Studied by State Dependent FRET. <i>Biophysical Journal</i> , 2015, 108, 119a.	0.5	1
8	Voltage Dependent Conformational Changes of the Na ⁺ /K ⁺ -ATPase Revealed by Site Directed Fluorometry. <i>Biophysical Journal</i> , 2015, 108, 144a.	0.5	0
9	A Structural Rearrangement of the Na ⁺ /K ⁺ -ATPase Traps Ouabain within the External Ion Permeation Pathway. <i>Journal of Molecular Biology</i> , 2015, 427, 1335-1344.	4.2	10
10	Conformational Rearrangements of the Na ⁺ /K ⁺ ATPase During Na ⁺ Occlusion/Deocclusion Transitions Assessed by Site-Directed Fluorescence. <i>Biophysical Journal</i> , 2014, 106, 582a.	0.5	0
11	Divalent Cation-Dependent Motion of the BK Channel Gating-Ring Reported by State Dependent FRET. <i>Biophysical Journal</i> , 2014, 106, 436a-437a.	0.5	0
12	Regulation of the Kv7.2/3 Channels by the Neuronal Serum-and Glucocorticoids-Regulated Kinase 1.1. <i>Biophysical Journal</i> , 2013, 104, 268a.	0.5	0
13	State-dependent FRET reports calcium- and voltage-dependent gating-ring motions in BK channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5217-5222.	7.1	46
14	The Neuronal Serum- and Glucocorticoid-Regulated Kinase 1.1 Reduces Neuronal Excitability and Protects against Seizures through Upregulation of the M-Current. <i>Journal of Neuroscience</i> , 2013, 33, 2684-2696.	3.6	21
15	Differential N termini in epithelial Na ⁺ channel β -subunit isoforms modulate channel trafficking to the membrane. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C868-C879.	4.6	20
16	State-Dependent FRET Reports Large Gating-Ring Motions in BK Channels. <i>Biophysical Journal</i> , 2012, 102, 687a.	0.5	1
17	Cell type influences the molecular mechanisms involved in hormonal regulation of ERG K ⁺ channels. <i>Pflügers Archiv European Journal of Physiology</i> , 2012, 463, 685-702.	2.8	3
18	Surface Expression and Subunit Specific Control of Steady Protein Levels by the Kv7.2 Helix A-B Linker. <i>PLoS ONE</i> , 2012, 7, e47263.	2.5	18

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19	Calcium Induces Structural Rearrangements of the Gating Ring of the Human BK Channel. <i>Biophysical Journal</i> , 2011, 100, 260a.	0.5	0
20	The neuronal-specific SGK1.1 kinase regulates $\hat{\gamma}$ -epithelial Na^{+} channel independently of PY motifs and couples it to phospholipase C signaling. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C779-C790.	4.6	38
21	Regulation of Delta-Enac Ion Channels by the Neuronal-Specific Sgk1.1 Kinase. <i>Biophysical Journal</i> , 2010, 98, 96a.	0.5	0
22	Participation of HERG channel cytoplasmic structures on regulation by the G protein-coupled TRH receptor. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 457, 1237-1252.	2.8	9
23	FRET with multiply labeled HERG K^{+} channels as a reporter of the in vivo coarse architecture of the cytoplasmic domains. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 1681-1699.	4.1	21
24	Thermodynamic and Kinetic Properties of Amino-Terminal and S4-S5 Loop HERG Channel Mutants under Steady-State Conditions. <i>Biophysical Journal</i> , 2008, 94, 3893-3911.	0.5	32
25	Specificity of TRH receptor coupling to G-proteins for regulation of ERG K^{+} -channels in GH3rat anterior pituitary cells. <i>Journal of Physiology</i> , 2005, 566, 717-736.	2.9	24
26	Relevance of the proximal domain in the amino-terminus of HERG channels for regulation by a phospholipase C-coupled hormone receptor. <i>FEBS Letters</i> , 2003, 535, 125-130.	2.8	16
27	Role of BK Potassium Channels Shaping Action Potentials and the Associated $[\text{Ca}^{2+}]_{\text{i}}$ Oscillations in GH ₃ Rat Anterior Pituitary Cells. <i>Neuroendocrinology</i> , 2003, 77, 162-176.	2.5	17