Wamberto Antonio Varanda

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8843567/publications.pdf

Version: 2024-02-01

38 papers	1,046 citations	394286 19 h-index	414303 32 g-index
39 all docs	39 docs citations	39 times ranked	1191 citing authors

#	Article	IF	Citations
1	Osmoregulation and the Hypothalamic Supraoptic Nucleus: From Genes to Functions. Frontiers in Physiology, 2022, 13, .	1.3	2
2	Memory in Ion Channel Kinetics. Acta Biotheoretica, 2021, 69, 697-722.	0.7	8
3	Benzenesulfonamides act as open-channel blockers on KV3.1 potassium channel. Amino Acids, 2019, 51, 355-364.	1.2	1
4	4-Chloro-3-nitro-N-butylbenzenesulfonamide acts on KV3.1 channels by an open-channel blocker mechanism. Amino Acids, 2017, 49, 1895-1906.	1.2	1
5	Nitric Oxide Modulates HCN Channels in Magnocellular Neurons of the Supraoptic Nucleus of Rats by an S-Nitrosylation-Dependent Mechanism. Journal of Neuroscience, 2016, 36, 11320-11330.	1.7	18
6	Mass spectrometry study of N-alkylbenzenesulfonamides with potential antagonist activity to potassium channels. Amino Acids, 2016, 48, 445-459.	1.2	4
7	Neuroendocrine Regulation of Hydromineral Homeostasis. , 2015, 5, 1465-1516.		46
8	In vitro differentiation between oxytocin- and vasopressin-secreting magnocellular neurons requires more than one experimental criterion. Molecular and Cellular Endocrinology, 2015, 400, 102-111.	1.6	14
9	Functional and structural study comparing the C-terminal amidated Î²-neurotoxin Ts1 with its isoform Ts1-G isolated from Tityus serrulatus venom. Toxicon, 2014, 83, 15-21.	0.8	35
10	Hypertonicity increases NO production to modulate the firing rate of magnocellular neurons of the supraoptic nucleus of rats. Neuroscience, 2013, 250, 70-79.	1.1	13
11	Electrophysiological Properties of Rostral Ventrolateral Medulla Presympathetic Neurons Modulated by the Respiratory Network in Rats. Journal of Neuroscience, 2013, 33, 19223-19237.	1.7	103
12	Purification and characterization of Ts15, the first member of a new Î±-KTX subfamily from the venom of the Brazilian scorpion Tityus serrulatus. Toxicon, 2011, 58, 54-61.	0.8	33
13	P2X4 receptors interact with both P2X2 and P2X7 receptors in the form of homotrimers. British Journal of Pharmacology, 2011, 163, 1069-1077.	2.7	60
14	Luteinizing hormone (LH) acts through PKA and PKC to modulate T-type calcium currents and intracellular calcium transients in mice Leydig cells. Cell Calcium, 2011, 49, 191-199.	1.1	22
15	Luteotropic Hormone (LH) effects on Tâ€t̶ype calcium currents and intracellular calcium transients are mediated by PKA in mice Leydig cells. FASEB Journal, 2010, 24, 816.8.	0.2	0
16	Mouse Leydig cells express multiple P2X receptor subunits. Purinergic Signalling, 2009, 5, 277-287.	1.1	28
17	Nitric oxide modulates the firing rate of the rat supraoptic magnocellular neurons. Neuroscience, 2008, 155, 359-365.	1.1	17
18	Intracellular calcium changes in mice Leydig cells are dependent on calcium entry through Tâ€t̶ype calcium channels. Journal of Physiology, 2007, 585, 339-349.	1.3	26

#	Article	IF	Citations
19	Long-term correlation in single calcium-activated potassium channel kinetics. Physica A: Statistical Mechanics and Its Applications, 2006, 364, 13-22.	1.2	20
20	Glycine Binding Site of the Synaptic NMDA Receptor in Subpostremal NTS Neurons. Journal of Neurophysiology, 2005, 94, 147-152.	0.9	21
21	Neurotensin modulates synaptic transmission in the nucleus of the solitary tract of the rat. Neuroscience, 2005, 130, 309-315.	1.1	16
22	The Resting Potential of Mouse Leydig Cells: Role of an Electrogenic Na+/K+ Pump. Journal of Membrane Biology, 2003, 191, 123-131.	1.0	5
23	Tityustoxin-K(alpha) blockade of the voltage-gated potassium channel Kv1.3. British Journal of Pharmacology, 2003, 139, 1180-1186.	2.7	29
24	Modulation of gap junction mediated intercellular communication in TM3 Leydig cells. Journal of Endocrinology, 2003, 177, 327-335.	1.2	36
25	Ca 2+ Influx is Increased in 2-Kidney, 1-Clip Hypertensive Rat Aorta. Hypertension, 2001, 38, 592-596.	1.3	14
26	Hurst Analysis Applied to the Study of Single Calcium-activated Potassium Channel Kinetics. Journal of Theoretical Biology, 2000, 206, 343-353.	0.8	40
27	Impaired relaxation to acetylcholine in 2K-1C hypertensive rat aortas involves changes in membrane hyperpolarization instead of an abnormal contribution of endothelial factors. General Pharmacology, 2000, 34, 379-389.	0.7	42
28	Contributory presentations/posters. Journal of Biosciences, 1999, 24, 33-198.	0.5	0
29	TsTX-IV, a short chain four-disulfide-bridged neurotoxin from Tityus serrulatus venom which acts on Ca2+-activated K+ channels. Toxicon, 1999, 37, 651-660.	0.8	45
30	A Novel Approach to Study the Geometry of the Water Lumen of Ion Channels: Colicin Ia Channels in Planar Lipid Bilayers. Journal of Membrane Biology, 1998, 161, 83-92.	1.0	80
31	Intercellular communication between mouse Leydig cells. American Journal of Physiology - Cell Physiology, 1994, 267, C563-C569.	2.1	25
32	Toad bladder amiloride-sensitive channels reconstituted into planar lipid bilayers. Journal of Membrane Biology, 1992, 127, 121-8.	1.0	5
33	The acetylcholine receptor of the neuromuscular junction recognizes mecamylamine as a noncompetitive antagonist. Molecular Pharmacology, 1985, 28, 128-37.	1.0	84
34	Interactions of gephyrotoxin with the acetylcholine receptor-ionic channel complex. I. Blockade of the ionic channel. Molecular Pharmacology, 1984, 25, 384-94.	1.0	23
35	Interactions of gephyrotoxin with the acetylcholine receptor-ionic channel complex. II. Enhancement of desensitization. Molecular Pharmacology, 1984, 25, 395-400.	1.0	18
36	Ion and nonelectrolyte permeability properties of channels formed in planar lipid bilayer membranes by the cytolytic toxin from the sea anemone,Stoichactis helianthus. Journal of Membrane Biology, 1980, 55, 203-211.	1.0	91

#	Article	IF	Citations
37	Transient potassium fluxes in toad skin. Journal of Membrane Biology, 1979, 49, 199-233.	1.0	11
38	Transients in toad skin: Short circuit current and ionic fluxes related to inner sodium substitution by monovalent cations. Journal of Membrane Biology, 1978, 39, 369-385.	1.0	10