

Wamberto Antonio Varanda

List of Publications by Year in descending order

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38
papers

1,046
citations

394286

19
h-index

414303

32
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39
all docs

39
docs citations

39
times ranked

1191
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrophysiological Properties of Rostral Ventrolateral Medulla Presympathetic Neurons Modulated by the Respiratory Network in Rats. <i>Journal of Neuroscience</i> , 2013, 33, 19223-19237.	1.7	103
2	Ion and nonelectrolyte permeability properties of channels formed in planar lipid bilayer membranes by the cytolytic toxin from the sea anemone, <i>Stoichactis helianthus</i> . <i>Journal of Membrane Biology</i> , 1980, 55, 203-211.	1.0	91
3	The acetylcholine receptor of the neuromuscular junction recognizes mecamylamine as a noncompetitive antagonist. <i>Molecular Pharmacology</i> , 1985, 28, 128-37.	1.0	84
4	A Novel Approach to Study the Geometry of the Water Lumen of Ion Channels: Colicin Ia Channels in Planar Lipid Bilayers. <i>Journal of Membrane Biology</i> , 1998, 161, 83-92.	1.0	80
5	P2X4 receptors interact with both P2X2 and P2X7 receptors in the form of homotrimers. <i>British Journal of Pharmacology</i> , 2011, 163, 1069-1077.	2.7	60
6	Neuroendocrine Regulation of Hydromineral Homeostasis. , 2015, 5, 1465-1516.		46
7	TsTX-IV, a short chain four-disulfide-bridged neurotoxin from <i>Tityus serrulatus</i> venom which acts on Ca ²⁺ -activated K ⁺ channels. <i>Toxicon</i> , 1999, 37, 651-660.	0.8	45
8	Impaired relaxation to acetylcholine in 2K-1C hypertensive rat aortas involves changes in membrane hyperpolarization instead of an abnormal contribution of endothelial factors. <i>General Pharmacology</i> , 2000, 34, 379-389.	0.7	42
9	Hurst Analysis Applied to the Study of Single Calcium-activated Potassium Channel Kinetics. <i>Journal of Theoretical Biology</i> , 2000, 206, 343-353.	0.8	40
10	Modulation of gap junction mediated intercellular communication in TM3 Leydig cells. <i>Journal of Endocrinology</i> , 2003, 177, 327-335.	1.2	36
11	Functional and structural study comparing the C-terminal amidated $\hat{\imath}^2$ -neurotoxin Ts1 with its isoform Ts1-G isolated from <i>Tityus serrulatus</i> venom. <i>Toxicon</i> , 2014, 83, 15-21.	0.8	35
12	Purification and characterization of Ts15, the first member of a new $\hat{\imath}^{\pm}$ -KTX subfamily from the venom of the Brazilian scorpion <i>Tityus serrulatus</i> . <i>Toxicon</i> , 2011, 58, 54-61.	0.8	33
13	Tityustoxin-K(alpha) blockade of the voltage-gated potassium channel Kv1.3. <i>British Journal of Pharmacology</i> , 2003, 139, 1180-1186.	2.7	29
14	Mouse Leydig cells express multiple P2X receptor subunits. <i>Purinergic Signalling</i> , 2009, 5, 277-287.	1.1	28
15	Intracellular calcium changes in mice Leydig cells are dependent on calcium entry through T-type calcium channels. <i>Journal of Physiology</i> , 2007, 585, 339-349.	1.3	26
16	Intercellular communication between mouse Leydig cells. <i>American Journal of Physiology - Cell Physiology</i> , 1994, 267, C563-C569.	2.1	25
17	Interactions of gephyrotoxin with the acetylcholine receptor-ionic channel complex. I. Blockade of the ionic channel. <i>Molecular Pharmacology</i> , 1984, 25, 384-94.	1.0	23
18	Luteinizing hormone (LH) acts through PKA and PKC to modulate T-type calcium currents and intracellular calcium transients in mice Leydig cells. <i>Cell Calcium</i> , 2011, 49, 191-199.	1.1	22

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19	Glycine Binding Site of the Synaptic NMDA Receptor in Subpostremal NTS Neurons. <i>Journal of Neurophysiology</i> , 2005, 94, 147-152.	0.9	21
20	Long-term correlation in single calcium-activated potassium channel kinetics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 364, 13-22.	1.2	20
21	Nitric Oxide Modulates HCN Channels in Magnocellular Neurons of the Supraoptic Nucleus of Rats by an S-Nitrosylation-Dependent Mechanism. <i>Journal of Neuroscience</i> , 2016, 36, 11320-11330.	1.7	18
22	Interactions of gephyrotoxin with the acetylcholine receptor-ionic channel complex. II. Enhancement of desensitization. <i>Molecular Pharmacology</i> , 1984, 25, 395-400.	1.0	18
23	Nitric oxide modulates the firing rate of the rat supraoptic magnocellular neurons. <i>Neuroscience</i> , 2008, 155, 359-365.	1.1	17
24	Neurotensin modulates synaptic transmission in the nucleus of the solitary tract of the rat. <i>Neuroscience</i> , 2005, 130, 309-315.	1.1	16
25	Ca ²⁺ Influx is Increased in 2-Kidney, 1-Clip Hypertensive Rat Aorta. <i>Hypertension</i> , 2001, 38, 592-596.	1.3	14
26	In vitro differentiation between oxytocin- and vasopressin-secreting magnocellular neurons requires more than one experimental criterion. <i>Molecular and Cellular Endocrinology</i> , 2015, 400, 102-111.	1.6	14
27	Hypertonicity increases NO production to modulate the firing rate of magnocellular neurons of the supraoptic nucleus of rats. <i>Neuroscience</i> , 2013, 250, 70-79.	1.1	13
28	Transient potassium fluxes in toad skin. <i>Journal of Membrane Biology</i> , 1979, 49, 199-233.	1.0	11
29	Transients in toad skin: Short circuit current and ionic fluxes related to inner sodium substitution by monovalent cations. <i>Journal of Membrane Biology</i> , 1978, 39, 369-385.	1.0	10
30	Memory in Ion Channel Kinetics. <i>Acta Biotheoretica</i> , 2021, 69, 697-722.	0.7	8
31	Toad bladder amiloride-sensitive channels reconstituted into planar lipid bilayers. <i>Journal of Membrane Biology</i> , 1992, 127, 121-8.	1.0	5
32	The Resting Potential of Mouse Leydig Cells: Role of an Electrogenic Na ⁺ /K ⁺ Pump. <i>Journal of Membrane Biology</i> , 2003, 191, 123-131.	1.0	5
33	Mass spectrometry study of N-alkylbenzenesulfonamides with potential antagonist activity to potassium channels. <i>Amino Acids</i> , 2016, 48, 445-459.	1.2	4
34	Osmoregulation and the Hypothalamic Supraoptic Nucleus: From Genes to Functions. <i>Frontiers in Physiology</i> , 2022, 13, .	1.3	2
35	4-Chloro-3-nitro-N-butylbenzenesulfonamide acts on KV3.1 channels by an open-channel blocker mechanism. <i>Amino Acids</i> , 2017, 49, 1895-1906.	1.2	1
36	Benzenesulfonamides act as open-channel blockers on KV3.1 potassium channel. <i>Amino Acids</i> , 2019, 51, 355-364.	1.2	1

#	ARTICLE	IF	CITATIONS
37	Contributory presentations/posters. Journal of Biosciences, 1999, 24, 33-198.	0.5	0
38	Luteotropic Hormone (LH) effects on T _A type calcium currents and intracellular calcium transients are mediated by PKA in mice Leydig cells. FASEB Journal, 2010, 24, 816.8.	0.2	0