Elena A Lukyanetz

List of Publications by Year
in descending order

58	854	471061 17	476904 29
papers	citations	h-index	g-index

58	58	58	671
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective Blockade of N-Type Calcium Channels by Levetiracetam. Epilepsia, 2002, 43, 9-18.	2.6	292
2	Different types of calcium channels and secretion from bovine chromaffin cells. European Journal of Neuroscience, 1999, 11, 2865-2873.	1.2	55
3	Parathyroid hormone enhances calcium current in snail neurones ? Simulation of the effect by phorbol esters. Pflugers Archiv European Journal of Physiology, 1992, 420, 146-152.	1.3	34
4	Effects of serotonin and cAMP on calcium currents in different neurones of Helix pomatia. Pflugers Archiv European Journal of Physiology, 1992, 420, 9-15.	1.3	34
5	Evidence for Colocalization of Calcineurin and Calcium Channels in Dorsal Root Ganglion Neurons. Neuroscience, 1997, 78, 625-628.	1.1	33
6	Calcineurin involvement in the regulation of high-threshold Ca2+channels in NG108-15 (rodent) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	1.3	33
7	Modulation of calcium current by calmodulin antagonists. Neuroscience, 1988, 27, 1073-1080.	1.1	31
8	Diversity and properties of calcium channel types in NG108-15 hybrid cells. Neuroscience, 1998, 87, 265-274.	1.1	27
9	Electron Microscopic Evidence for Multiple Types of Secretory Vesicles in Bovine Chromaffin Cells. General and Comparative Endocrinology, 2001, 121, 261-277.	0.8	27
10	Intracellular mechanisms of hypoxia-induced calcium increase in rat sensory neurons. Archives of Biochemistry and Biophysics, 2003, 410, 212-221.	1.4	27
11	Action of hypoxia on different types of calcium channels in hippocampal neurons. Biochimica Et Biophysica Acta - Biomembranes, 2003, 1618, 33-38.	1.4	26
12	Mechanisms of antagonistic action of internal Ca2+ on serotonin-induced potentiation of Ca2+ currents in Helix neurones. Pflugers Archiv European Journal of Physiology, 1993, 424, 73-83.	1.3	23
13	Two distinct receptors operate the cAMP cascade to up-regulate L-type Ca channels. Pflugers Archiv European Journal of Physiology, 1996, 432, 174-181.	1.3	22
14	High-threshold calcium channel activity in rat hippocampal neurones during hypoxia1Published on the World Wide Web on 19 May 1999.1. Brain Research, 1999, 833, 319-328.	1.1	22
15	Acetylcholine-induced calcium signalling in adrenaline- and noradrenaline-containing adrenal chromaffin cells. Archives of Biochemistry and Biophysics, 2004, 424, 23-32.	1.4	21
16	Ultrastructural features of medullary chromaffin cell cultures. Neuroscience, 2000, 96, 639-649.	1.1	20
17	Different Signaling Pathways Involved in Glucose- and Cell Swelling-Induced Insulin Secretion by Rat Pancreatic Islets in Vitro. Cellular Physiology and Biochemistry, 2005, 16, 59-68.	1.1	20
18	Dual action of cytosolic calcium on calcium channel activity during hypoxia in hippocampal neurones. NeuroReport, 2001, 12, 4035-4039.	0.6	13

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19	Effect of hypoxia on calcium channels depends on extracellular calcium in CA1 hippocampal neurons. Brain Research, 2003, 980, 128-134.	1.1	13
20	Mechanisms of up-regulation of single calcium channels by serotonin in Helix pomatia neurons. Biochemical and Biophysical Research Communications, 2002, 293, 132-138.	1.0	7
21	Different Secretory Vesicles Can Be Involved in Depolarization-Evoked Exocytosis. Biochemical and Biophysical Research Communications, 2001, 288, 844-848.	1.0	6
22	Diversity of single potassium channels in isolated snail neurons. NeuroReport, 1998, 9, 1413-1417.	0.6	5
23	Effect of Memantine on Motor Behavioral Phenomena in Rats of Different Ages. Neurophysiology, 2014, 46, 448-451.	0.2	5
24	Activation and Desensitization of TRPV1 Channels under the Influence of Capsaicin. Neurophysiology, 2020, 52, 256-260.	0.2	5
25	Title is missing!. Neurophysiology, 2002, 34, 204-206.	0.2	4
26	Investigation of the effect of intracellular calcium on the cAMP-mediated increase in the calcium current. Neurophysiology, 1992, 23, 228-234.	0.2	3
27	Intracellular Mechanisms of Calcium Channel Modulation By Serotonin in Identified Helix Pomatia Neurones. Animal Biology, 1993, 44, 513-523.	0.4	3
28	Serotonin-induced changes in the activity of single Ca2+ channels inHelix pomatia neurons. Neurophysiology, 1996, 28, 103-110.	0.2	3
29	Scientific and technological aspects of oxygen-sensitive electrodes for measurements of oxygen partial pressure in patch-clamp experiments. Journal of Proteomics, 2003, 55, 37-52.	2.4	3
30	Accommodation properties of isolated hippocampal neurons under conditions of an experimental model of epilepsy. Neurophysiology, 2006, 38, 175-181.	0.2	3
31	The Involvement of Calcium Transport Systems of the Plasma Membrane in Calcium Exchange in Neurons of the Carassius gibelio Cerebellum. Neurophysiology, 2009, 41, 231-237.	0.2	3
32	Calcium Signaling in Carassius Cerebellar Neurons: Role of the Mitochondria. Neurophysiology, 2009, 41, 375-379.	0.2	3
33	Effects of Memantine on Behavioral Indices of Rats in the Open Field. Neurophysiology, 2017, 49, 453-457.	0.2	3
34	Development of the concepts on voltage-operated calcium channels. Neurophysiology, 1997, 29, 45-56.	0.2	2
35	Comparative characteristics of the secretory responses of chromaffin and pheochromocytoma PC-12 cells to acetylcholine stimulation. Neurophysiology, 2000, 32, 174-176.	0.2	2
36	Comparative Studies of Calcium Transients Induced by Acetylcholine in Rat Chromaffin Cells. Neurophysiology, 2002, 34, 261-263.	0.2	2

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37	Roles of Nicotinic and Muscarinic Receptors in Calcium Signaling and Transmitter Release. Neurophysiology, 2003, 35, 201-207.	0.2	2
38	Involvement of the Endoplasmic Reticulum of Chromaffin Cells of the Rat Adrenal Gland in Calcium Signaling. Neurophysiology, 2009, 41, 389-394.	0.2	2
39	Evoked Impulse Activity of Isolated Hippocampal Neurons in the Perforated Patch-Clamp Configuration. Neurophysiology, 2012, 43, 417-424.	0.2	2
40	Modulation of calcium signalling by the endoplasmic reticulum in Carassius neurons. Biochemical and Biophysical Research Communications, 2013, 433, 591-594.	1.0	2
41	Characterization of single K+ channels inHelix pomatia neurons. Neurophysiology, 1996, 28, 193-201.	0.2	1
42	Calcium channel activity in NG108-15 cells overexpressing protein phosphatase-2B. Neurophysiology, 1997, 29, 261-263.	0.2	1
43	Role of calcineurin in regulation of high voltage-activated calcium channel activity. Neurophysiology, 1997, 29, 352-356.	0.2	1
44	Effect of lithium ions on the accommodation characteristics of neurons from theCA1 hippocampal zone. Neurophysiology, 2000, 32, 220-222.	0.2	1
45	Ultrastructural properties of the steroid vesicles and mitochondria from bovine adrenal cortical cells. Neurophysiology, 2000, 32, 237-239.	0.2	1
46	Molecular Physiology and Pharmacology of the Calcium Channels. Neurophysiology, 2002, 34, 97-101.	0.2	1
47	Title is missing!. Neurophysiology, 2002, 34, 177-179.	0.2	1
48	Role of synaptic proteins in neurotransmitter release-related vesicular trafficking. Neurophysiology, 2008, 40, 137-141.	0.2	1
49	Effect of â€œChemicalâ€•Hypoxia on the Potassium Conductance of the Membrane of Pheochromocytoma Cells. Neurophysiology, 2011, 43, 201-204.	0.2	1
50	Ð¥Ð²Ð¾Ñ€Ð¾Ð± ÐÐ»ÑŒÑ†Ð³ÐµÐ¹Ð¼ÐµÑ€Ð°: ÑÑƒÑ‡Ð°ÑÐ½Ñ– Ð³Ñ–Ð¿Ð¾Ñ‚ÐµÐ·Ð¸ Ð¿Ð°Ñ‚Ð¾Ð³ÐÐµÐ½ÐµÐ·Ñƒ, Ð¿ÐµÑÑ		
51	Roles of Ca2+, Mg2+, and Ba2+ Cations in the Regulation of TRPV1 Channels in Rat DRG Neurons. Neurophysiology, 2020, 52, 415-422.	0.2	1
52	Effects of cAMP on calcium currents in mollusk neurons differing in the sensitivity of their calcium conductance to serotonin action. Neurophysiology, 1991, 22, 441-447.	0.2	0
53	A technique of comparative amperometric measurements for identification of released neurotransmitters. Neurophysiology, 1998, 30, 226-229.	0.2	0
54	Voltage-operated sodium currents in cortical neurons in hypoxia. Neurophysiology, 1998, 30, 253-255.	0.2	0

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55	Calcium-Induced Ultrastructural Interactions in Adrenocorticocytes. Neurophysiology, 2002, 34, 161-162.	0.2	0
56	Changes in the Ultrastructure of Adrenocortical Cells Induced by Cholinergic Agonists. Neurophysiology, 2002, 34, 247-249.	0.2	0
57	Cellular Mechanisms of Hypoxia-Induced Changes in the Calcium Concentration in Sensory Neurons of the Rat. Neurophysiology, 2004, 36, 88.	0.2	0
58	Involvement of Synaptic Protein Munc18 in the Process of Release of Catecholamines by Chromaffin Cells of the Rat Adrenal Gland. Neurophysiology, 2011, 42, 244-250.	0.2	0