Nana Voytenko

List of Publications by Year in descending order

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73 papers	1,409 citations	304743 22 h-index	345221 36 g-index
74 all docs	74 docs citations	74 times ranked	1433 citing authors

#	Article	IF	Citations
1	Segmental and descending control of primary afferent input to the spinal lamina X. Pain, 2022, 163, 2014-2020.	4.2	4
2	Phenotypes of Motor Deficit and Pain after Experimental Spinal Cord Injury. Bioengineering, 2022, 9, 262.	3.5	2
3	Correction: Model of excision of the lateral half of the spinal cord at the lower thoracic level for the needs of reconstructive neurosurgery and neurotransplantation. Ukrainian Neurosurgical Journal, 2022, 28, 48.	0.2	0
4	Model of spinal cord lateral hemi-excision at the lower thoracic level for the tasks of reconstructive and experimental neurosurgery. Ukrainian Neurosurgical Journal, 2021, 27, 33-53.	0.2	3
5	Spinal AMPA receptors: Amenable players in central sensitization for chronic pain therapy?. Channels, 2021, 15, 284-297.	2.8	13
6	The Efficacy of Immediate Implantation of Macroporous Poly(N-[2-Hydroxypropyl]-Methacrylamide) Hydrogel after Laceration Spinal Cord Injury in Young Rats. International Journal of Morphology, 2021, 39, 1749-1757.	0.2	1
7	DEPENDENCE OF THE RESTORATIVE EFFECT OF MACROPOROUS		

#	Article	IF	Citations
19	Optimized Model of Cerebral Ischemia In situ for the Long-Lasting Assessment of Hippocampal Cell Death. Frontiers in Neuroscience, 2017, 11, 388.	2.8	8
20	Inhibition of Spinal Ca2+-Permeable AMPA Receptors with Dicationic Compounds Alleviates Persistent Inflammatory Pain without Adverse Effects. Frontiers in Cellular Neuroscience, 2016, 10, 50.	3.7	17
21	Stable, synthetic analogs of diadenosine tetraphosphate inhibit rat and human P2X3 receptors and inflammatory pain. Molecular Pain, 2016, 12, 174480691663770.	2.1	11
22	HIF-1Î±-mediated upregulation of SERCA2b: The endogenous mechanism for alleviating the ischemia-induced intracellular Ca2+ store dysfunction in CA1 and CA3 hippocampal neurons. Cell Calcium, 2016, 59, 251-261.	2.4	14
23	Upregulation of T-Type Ca²⁺Channels in Long-Term Diabetes Determines Increased Excitability of a Specific Type of Capsaicin-Insensitive DRG Neurons. Molecular Pain, 2015, 11, s12990-015-0028.	2.1	31
24	Inflammatory-induced changes in synaptic drive and postsynaptic AMPARs in lamina II dorsal horn neurons are cell-type specific. Pain, 2015, 156, 428-438.	4.2	30
25	Nociceptive Neurons Differentially Express Fast and Slow T-Type Ca²⁺Currents in Different Types of Diabetic Neuropathy. Neural Plasticity, 2014, 2014, 1-12.	2.2	7
26	Role of P2X3 Purinoreceptors of Nociceptive Afferent Neurons in the Formation of an Inflammation-Related Pain Syndrome. Neurophysiology, 2013, 45, 13-20.	0.3	0
27	Extrasynaptic AMPA receptors in the dorsal horn: Evidence and functional significance. Brain Research Bulletin, 2013, 93, 47-56.	3.0	17
28	PKCÎ± Is Required for Inflammation-Induced Trafficking of Extrasynaptic AMPA Receptors in Tonically Firing Lamina II Dorsal Horn Neurons During the Maintenance of Persistent Inflammatory Pain. Journal of Pain, 2013, 14, 182-192.	1.4	28
29	Specific functioning of Cav3.2 T-type calcium and TRPV1 channels under different types of STZ-diabetic neuropathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 636-649.	3.8	56
30	Development of inflammation-induced hyperalgesia and allodynia is associated with the upregulation of extrasynaptic AMPA receptors in tonically firing lamina II dorsal horn neurons. Frontiers in Physiology, 2012, 3, 391.	2.8	24
31	Cannabinoid receptors in submandibular acinar cells: functional coupling between saliva fluid and electrolytes secretion and Ca2+ signalling. Journal of Cell Science, 2012, 125, 1884-95.	2.0	19
32	Inflammation alters trafficking of extrasynaptic AMPA receptors in tonically firing lamina II neurons of the rat spinal dorsal horn. Pain, 2011, 152, 912-923.	4.2	59
33	Mitochondria adjust Ca2+ signaling regime to a pattern of stimulation in salivary acinar cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1740-1748.	4.1	13
34	Novel peptide from spider venom inhibits P2X3 receptors and inflammatory pain. Annals of Neurology, 2010, 67, 680-683.	5.3	55
35	Non-opioid tolerance in juvenile and adult rats. European Journal of Pharmacology, 2010, 629, 68-72.	3.5	14
36	Impaired Mitochondria Fail to Ensure Sustained Soce: Possible Mechanism for Decreased Salivary Secretion Under Diabetes. Biophysical Journal, 2010, 98, 98a.	0.5	0

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37	Persistent Inflammation Induces GluR2 Internalization via NMDA Receptor-Triggered PKC Activation in Dorsal Horn Neurons. Journal of Neuroscience, 2009, 29, 3206-3219.	3.6	151
38	Functional coupling between ryanodine receptors, mitochondria and Ca2+ ATPases in rat submandibular acinar cells. Cell Calcium, 2008, 43, 469-481.	2.4	33
39	Caffeine-induced calcium release from the endoplasmic reticulum of acinar cells of the submandibular salivary gland. Neurophysiology, 2007, 39, 93-98.	0.3	0
40	Changes in functioning of rat submandibular salivary gland under streptozotocin-induced diabetes are associated with alterations of Ca2+ signaling and Ca2+ transporting pumps. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2006, 1762, 294-303.	3.8	32
41	The Effect of Nimodipine on Calcium Homeostasis and Pain Sensitivity in Diabetic Rats. Cellular and Molecular Neurobiology, 2006, 26, 1539-1555.	3.3	20
42	Dynamics of calcium release and uptake by the internal calcium stores in rat sensory neurons. Neurophysiology, 2006, 38, 305-307.	0.3	1
43	Role of Calcium Signalling in the Development of Pain Syndromes. Neurophysiology, 2005, 37, 166-171.	0.3	2
44	Mechanisms Underlying Leakage of Calcium from the Endoplasmic Reticulum of Acinar Cells of the Submandibular Salivary Gland. Neurophysiology, 2005, 37, 296-302.	0.3	0
45	Altered long-term synaptic plasticity and kainate-induced Ca2+ transients in the substantia gelatinosa neurons in GLUK6-deficient mice. Molecular Brain Research, 2005, 142, 9-18.	2.3	12
46	Peripheral inflammation-induced increase of AMPA-mediated currents and Ca2+ transients in the presence of cyclothiazide in the rat substantia gelatinosa neurons. Cell Calcium, 2004, 35, 461-469.	2.4	26
47	Role of Ca2+,Mg2+-ATPases in Diabetes-Induced Alterations in Calcium Homeostasis in Input Neurons of the Nociceptive System. Neurophysiology, 2004, 36, 169-173.	0.3	4
48	Alkalinization-Induced Changes in Intracellular Calcium in Rat Spinal Cord Neurons. Neurochemical Research, 2004, 29, 1659-1665.	3.3	7
49	Diabetes-induced abnormalities in ER calcium mobilization in primary and secondary nociceptive neurons. Pflugers Archiv European Journal of Physiology, 2004, 448, 395-401.	2.8	63
50	Calcium signaling in diabetic neuropathy. Neurophysiology, 2004, 36, 310-314.	0.3	2
51	Intracellular calcium homeostasis changes induced in rat spinal cord neurons by extracellular acidification. Neurochemical Research, 2003, 28, 1543-1547.	3.3	2
52	Changes in the Functioning of Ca2+-ATPases of Rat Exocrine Cells in Experimental Diabetes Mellitus. Neurophysiology, 2003, 35, 355-360.	0.3	0
53	Role of mitochondria in intracellular calcium signaling in primary and secondary sensory neurones of rats. Cell Calcium, 2002, 32, 121-130.	2.4	36
54	Title is missing!. Neurophysiology, 2002, 34, 5-12.	0.3	8

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55	Neuronal Control of Exocytosis and Calcium Homeostasis. Neurophysiology, 2002, 34, 127-129.	0.3	0
56	Title is missing!. Neurophysiology, 2002, 34, 230-232.	0.3	0
57	Metabotropic Purinoreceptors in Rat Dorsal Horn Neurons: Predominantly Dendritic Location. Neurophysiology, 2002, 34, 165-167.	0.3	1
58	Title is missing!. Neurophysiology, 2002, 34, 226-229.	0.3	0
59	Metabotropic purinoreceptors in rat dorsal horn neurones: predominant dendritic location. NeuroReport, 2001, 12, 3503-3507.	1.2	2
60	Diabetes-induced changes in calcium homeostasis and the effects of calcium channel blockers in rat and mice nociceptive neurons. Diabetologia, 2001, 44, 1302-1309.	6.3	60
61	Title is missing!. Neurophysiology, 2001, 33, 94-97.	0.3	0
62	Title is missing!. Neurophysiology, 2001, 33, 266-276.	0.3	8
63	Processes Maintaining Calcium Homeostasis in Acinar Cells of the Rat Submandibular Salivary Gland. Neurophysiology, 2001, 33, 216-223.	0.3	1
64	The endoplasmic reticulum and mitochondria as elements of the mechanism of intracellular signaling in the nerve cell. Neuroscience and Behavioral Physiology, 2000, 30, 15-18.	0.4	3
65	Changes in calcium signalling in dorsal horn neurons in rats with streptozotocin-induced diabetes. Neuroscience, 1999, 94, 887-890.	2.3	37
66	Effect of streptozotocin-induced diabetes on the activity of calcium channels in rat dorsal horn neurons. Neuroscience, 1999, 95, 519-524.	2.3	42
67	Iono- and metabotropically induced purinergic calcium signalling in rat neocortical neurons. Brain Research, 1998, 799, 285-291.	2.2	34
68	Changes in mitochondrial Ca2+homeostasis in primary sensory neurons of diabetic mice. NeuroReport, 1998, 9, 1121-1125.	1.2	23
69	Activation of P2-purino-,Î±1-adreno and H1-histamine receptors triggers cytoplasmic calcium signalling in cerebellar purkinje neurons. Neuroscience, 1996, 73, 643-647.	2.3	65
70	Age-associated changes of cytoplasmic calcium homeostasis in cerebellar granule neurons in situ: Investigation on thin cerebellar slices. Experimental Gerontology, 1996, 31, 475-487.	2.8	25
71	Calcium signalling in granule neurones studied in cerebellar slices. Cell Calcium, 1996, 19, 59-71.	2.4	36
72	ATP-induced cytoplasmic calcium mobilization in Bergmann glial cells. Journal of Neuroscience, 1995, 15, 7861-7871.	3.6	145

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73	Mechanisms of cytoplasmic calcium signalling in cerebellar bergmann glial cells. Neurophysiology, 1994, 26, 341-343.	0.3	0