

Viacheslav Viatchenko-Karpinski

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

241
citations

933447

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1058476

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times ranked

344
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of Piezo2 Mechanotransduction by Static Plasma Membrane Tension in Primary Afferent Neurons. <i>Journal of Biological Chemistry</i> , 2016, 291, 9087-9104.	3.4	35
2	PKC δ Is Required for Inflammation-Induced Trafficking of Extrasynaptic AMPA Receptors in Tonicity Firing Lamina II Dorsal Horn Neurons During the Maintenance of Persistent Inflammatory Pain. <i>Journal of Pain</i> , 2013, 14, 182-192.	1.4	28
3	Down-regulation of Kv4.3 channels and a-type K ⁺ currents in V2 trigeminal ganglion neurons of rats following oxaliplatin treatment. <i>Molecular Pain</i> , 2018, 14, 174480691775099.	2.1	28
4	Characterization of temperature-sensitive leak K ⁺ currents and expression of TRAAK, TREK-1, and TREK2 channels in dorsal root ganglion neurons of rats. <i>Molecular Brain</i> , 2018, 11, 40.	2.6	27
5	Development of inflammation-induced hyperalgesia and allodynia is associated with the upregulation of extrasynaptic AMPA receptors in tonically firing lamina II dorsal horn neurons. <i>Frontiers in Physiology</i> , 2012, 3, 391.	2.8	24
6	Orofacial neuropathic pain induced by oxaliplatin. <i>Molecular Pain</i> , 2017, 13, 174480691772471.	2.1	22
7	Mechanical sensitivity and electrophysiological properties of acutely dissociated dorsal root ganglion neurons of rats. <i>Neuroscience Letters</i> , 2016, 634, 70-75.	2.1	19
8	Kv4.3 Channel Dysfunction Contributes to Trigeminal Neuropathic Pain Manifested with Orofacial Cold Hypersensitivity in Rats. <i>Journal of Neuroscience</i> , 2021, 41, 2091-2105.	3.6	17
9	Stable, synthetic analogs of diadenosine tetraphosphate inhibit rat and human P2X3 receptors and inflammatory pain. <i>Molecular Pain</i> , 2016, 12, 174480691663770.	2.1	11
10	Spinal PKC δ inhibition and gene-silencing for pain relief: AMPAR trafficking at the synapses between primary afferents and sensory interneurons. <i>Scientific Reports</i> , 2018, 8, 10285.	3.3	11
11	Activation of microglial GPR109A alleviates thermal hyperalgesia in female lupus mice by suppressing IL-18 and glutamatergic synaptic activity. <i>Glia</i> , 2022, 70, 634-649.	4.9	8
12	Orofacial operant behaviors and electrophysiological properties of trigeminal ganglion neurons following masseter muscle inflammation in rats. <i>Neuroscience Letters</i> , 2019, 694, 208-214.	2.1	6
13	Phytohormone abscisic acid ameliorates neuropathic pain via regulating LANCL2 protein abundance and glial activation at the spinal cord. <i>Molecular Pain</i> , 2022, 18, 174480692211077.	2.1	3
14	Effects of cooling temperatures and low pH on membrane properties and voltage-dependent currents of rat nociceptive-like trigeminal ganglion neurons. <i>Molecular Pain</i> , 2018, 14, 174480691881435.	2.1	2