Jiri Palecek

List of Publications by Year
in descending order

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25 papers	825 citations	567281 15 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	1159 citing authors

#	Article	IF	Citations
1	The Cancer Chemotherapeutic Paclitaxel Increases Human and Rodent Sensory Neuron Responses to TRPV1 by Activation of TLR4. Journal of Neuroscience, 2015, 35, 13487-13500.	3.6	190
2	Calcium dynamics and buffering in motoneurones of the mouse spinal cord. Journal of Physiology, 1999, 520, 485-502.	2.9	123
3	The roles of pathways in the spinal cord lateral and dorsal funiculi in signaling nociceptive somatic and visceral stimuli in rats. Pain, 2002, 96, 297-307.	4.2	66
4	The Role of The TRPV1 Endogenous AgonistN-Oleoyldopamine in Modulation of Nociceptive Signaling at the Spinal Cord Level. Journal of Neurophysiology, 2009, 102, 234-243.	1.8	42
5	TRPV1 receptor inhibition decreases CCL2-induced hyperalgesia. Neuropharmacology, 2014, 81, 75-84.	4.1	40
6	Modulation of spinal cord synaptic activity by tumor necrosis factor Î± in a model of peripheral neuropathy. Journal of Neuroinflammation, 2011, 8, 177.	7.2	39
7	Infusion of substance P or neurokinin A by microdialysis alters responses of primate spinothalamic tract neurons to cutaneous stimuli and to iontophoretically released excitatory amino acids. Pain, 1995, 61, 411-425.	4.2	37
8	Tumor necrosis factor Î± sensitizes spinal cord TRPV1 receptors to the endogenous agonist N-oleoyldopamine. Journal of Neuroinflammation, 2010, 7, 49.	7.2	35
9	The effect of phorbol esters on spinal cord amino acid concentrations and responsiveness of rats to mechanical and thermal stimuli. Pain, 1999, 80, 597-605.	4.2	34
10	Losartan attenuates neuroinflammation and neuropathic pain in paclitaxelâ€induced peripheral neuropathy. Journal of Cellular and Molecular Medicine, 2020, 24, 7949-7958.	3.6	34
11	TRPV1 Antagonist Attenuates Postoperative Hypersensitivity by Central and Peripheral Mechanisms. Molecular Pain, 2014, 10, 1744-8069-10-67.	2.1	32
12	Post-operative pain behavior in rats is reduced after single high-concentration capsaicin application. Pain, 2006, 125, 233-243.	4.2	27
13	Postnatal development of conduction velocity and fibre size in the rat tibial nerve. International Journal of Developmental Neuroscience, 1985, 3, 583-589.	1.6	19
14	Mechanical allodynia and enhanced responses to capsaicin are mediated by PI3K in a paclitaxel model of peripheral neuropathy. Neuropharmacology, 2019, 146, 163-174.	4.1	18
15	TRPV1 Receptors Contribute to Paclitaxel-Induced c-Fos Expression in Spinal Cord Dorsal Horn Neurons. Physiological Research, 2017, 66, 549-552.	0.9	18
16	Hypersensitivity Induced by Activation of Spinal Cord PAR2 Receptors Is Partially Mediated by TRPV1 Receptors. PLoS ONE, 2016, 11, e0163991.	2.5	15
17	The NAv1.7 blocker protoxin II reduces burn injury-induced spinal nociceptive processing. Journal of Molecular Medicine, 2018, 96, 75-84.	3.9	11
18	Peripheral inflammation affects modulation of nociceptive synaptic transmission in the spinal cord induced by Nâ€arachidonoylphosphatidylethanolamine. British Journal of Pharmacology, 2018, 175, 2322-2336.	5.4	9

#	Article	IF	Citations
19	Losartan treatment attenuates the development of neuropathic thermal hyperalgesia induced by peripheral nerve injury in rats. Life Sciences, 2019, 220, 147-155.	4.3	8
20	Chemokine CCL2 prevents opioid-induced inhibition of nociceptive synaptic transmission in spinal cord dorsal horn. Journal of Neuroinflammation, 2021, 18, 279.	7.2	7
21	Dual PI3KÎ´/Î³ Inhibitor Duvelisib Prevents Development of Neuropathic Pain in Model of Paclitaxel-Induced Peripheral Neuropathy. Journal of Neuroscience, 2022, 42, 1864-1881.	3.6	7
22	Hypersensitivity Induced by Intrathecal Bradykinin Administration Is Enhanced by N-oleoyldopamine (OLDA) and Prevented by TRPV1 Antagonist. International Journal of Molecular Sciences, 2021, 22, 3712.	4.1	6
23	Spinal PAR2 Activation Contributes to Hypersensitivity Induced by Peripheral Inflammation in Rats. International Journal of Molecular Sciences, 2021, 22, 991.	4.1	4
24	Responses of neurons in the rat ventral posterior lateral thalamic nucleus to noxious visceral and cutaneous stimuli. Thalamus & Related Systems, 2005, 3, 25.	0.5	2
25	Single highâ€concentration capsaicin application prevents câ€Fos expression in spinothalamic and postsynaptic dorsal column neurons after surgical incision. European Journal of Pain, 2015, 19, 1496-1505.	2.8	2