

Wen-Jun Xin

List of Publications by Year in descending order

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44
papers

2,756
citations

186265

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243625

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docs citations

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times ranked

3120
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#	ARTICLE	IF	CITATIONS
1	TNF- α Differentially Regulates Synaptic Plasticity in the Hippocampus and Spinal Cord by Microglia-Dependent Mechanisms after Peripheral Nerve Injury. <i>Journal of Neuroscience</i> , 2017, 37, 871-881.	3.6	268
2	The role of tumor necrosis factor-alpha in the neuropathic pain induced by Lumbar 5 ventral root transection in rat. <i>Pain</i> , 2006, 123, 306-321.	4.2	200
3	Peripheral Nerve Injury Leads to Working Memory Deficits and Dysfunction of the Hippocampus by Upregulation of TNF- α in Rodents. <i>Neuropsychopharmacology</i> , 2011, 36, 979-992.	5.4	195
4	Interleukin-1 β overproduction is a common cause for neuropathic pain, memory deficit, and depression following peripheral nerve injury in rodents. <i>Molecular Pain</i> , 2016, 12, 174480691664678.	2.1	146
5	TNF- α contributes to up-regulation of Nav1.3 and Nav1.8 in DRG neurons following motor fiber injury. <i>Pain</i> , 2010, 151, 266-279.	4.2	145
6	Microglia Are Indispensable for Synaptic Plasticity in the Spinal Dorsal Horn and Chronic Pain. <i>Cell Reports</i> , 2019, 27, 3844-3859.e6.	6.4	143
7	Prevention of Paclitaxel-Induced Allodynia by Minocycline: Effect on Loss of Peripheral Nerve Fibers and Infiltration of Macrophages in Rats. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-76.	2.1	106
8	p38 activation in uninjured primary afferent neurons and in spinal microglia contributes to the development of neuropathic pain induced by selective motor fiber injury. <i>Experimental Neurology</i> , 2007, 204, 355-365.	4.1	102
9	Plasticity in Expression of the Glutamate Transporters GLT-1 and GLAST in Spinal Dorsal Horn Glial Cells following Partial Sciatic Nerve Ligation. <i>Molecular Pain</i> , 2009, 5, 1744-8069-5-15.	2.1	102
10	CX3CL1-mediated macrophage activation contributed to paclitaxel-induced DRG neuronal apoptosis and painful peripheral neuropathy. <i>Brain, Behavior, and Immunity</i> , 2014, 40, 155-165.	4.1	102
11	Peri-sciatic administration of recombinant rat TNF- α induces mechanical allodynia via upregulation of TNF- α in dorsal root ganglia and in spinal dorsal horn: The role of NF-kappa B pathway. <i>Experimental Neurology</i> , 2007, 205, 471-484.	4.1	97
12	CircAnks1a in the spinal cord regulates hypersensitivity in a rodent model of neuropathic pain. <i>Nature Communications</i> , 2019, 10, 4119.	12.8	89
13	The direction of synaptic plasticity mediated by C-fibers in spinal dorsal horn is decided by Src-family kinases in microglia: The role of tumor necrosis factor- α . <i>Brain, Behavior, and Immunity</i> , 2010, 24, 874-880.	4.1	87
14	The Upregulation of Translocator Protein (18 kDa) Promotes Recovery from Neuropathic Pain in Rats. <i>Journal of Neuroscience</i> , 2013, 33, 1540-1551.	3.6	79
15	ATP induces long-term potentiation of C-fiber-evoked field potentials in spinal dorsal horn: The roles of P2X ₄ receptors and p38 MAPK in microglia. <i>Glia</i> , 2009, 57, 583-591.	4.9	75
16	Up-regulation of CX3CL1 via Nuclear Factor- κ B-dependent Histone Acetylation Is Involved in Paclitaxel-induced Peripheral Neuropathy. <i>Anesthesiology</i> , 2015, 122, 1142-1151.	2.5	69
17	Activation of p38 signaling in the microglia in the nucleus accumbens contributes to the acquisition and maintenance of morphine-induced conditioned place preference. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 318-325.	4.1	66
18	Upregulation of NLRP3 via STAT3-dependent histone acetylation contributes to painful neuropathy induced by bortezomib. <i>Experimental Neurology</i> , 2018, 302, 104-111.	4.1	64

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19	Epigenetic upregulation of CXCL12 expression mediates antitubulin chemotherapeutics-induced neuropathic pain. <i>Pain</i> , 2017, 158, 637-648.	4.2	54
20	TNF- α /STAT3 pathway epigenetically upregulates Nav1.6 expression in DRG and contributes to neuropathic pain induced by L5-VRT. <i>Journal of Neuroinflammation</i> , 2019, 16, 29.	7.2	49
21	Limited BDNF contributes to the failure of injury to skin afferents to produce a neuropathic pain condition. <i>Pain</i> , 2010, 148, 148-157.	4.2	38
22	mir-500-Mediated GAD67 Downregulation Contributes to Neuropathic Pain. <i>Journal of Neuroscience</i> , 2016, 36, 6321-6331.	3.6	38
23	Cerebrospinal Fluid Oxaliplatin Contributes to the Acute Pain Induced by Systemic Administration of Oxaliplatin. <i>Anesthesiology</i> , 2016, 124, 1109-1121.	2.5	37
24	TNF- α Differentially Regulates Synaptic Plasticity in the Hippocampus and Spinal Cord by Microglia-Dependent Mechanisms after Peripheral Nerve Injury. <i>Journal of Neuroscience</i> , 2017, 37, 871-881.	3.6	36
25	TNF- α -mediated JNK activation in the dorsal root ganglion neurons contributes to Bortezomib-induced peripheral neuropathy. <i>Brain, Behavior, and Immunity</i> , 2014, 38, 185-191.	4.1	35
26	Calpain-2 contributes to neuropathic pain following motor nerve injury via up-regulating interleukin-6 in DRG neurons. <i>Brain, Behavior, and Immunity</i> , 2015, 44, 37-47.	4.1	32
27	Orexin A-mediated AKT signaling in the dentate gyrus contributes to the acquisition, expression and reinstatement of morphine-induced conditioned place preference. <i>Addiction Biology</i> , 2016, 21, 547-559.	2.6	31
28	Activation of TLR4/STAT3 signaling in VTA contributes to the acquisition and maintenance of morphine-induced conditioned place preference. <i>Behavioural Brain Research</i> , 2017, 335, 151-157.	2.2	31
29	Palmitoylation of β -catenin promotes kinesin-mediated membrane trafficking of Nav1.6 in sensory neurons to promote neuropathic pain. <i>Science Signaling</i> , 2018, 11, .	3.6	31
30	Reduction of SIRT1 epigenetically upregulates NALP1 expression and contributes to neuropathic pain induced by chemotherapeutic drug bortezomib. <i>Journal of Neuroinflammation</i> , 2018, 15, 292.	7.2	31
31	Activation of RAGE/STAT3 pathway by methylglyoxal contributes to spinal central sensitization and persistent pain induced by bortezomib. <i>Experimental Neurology</i> , 2017, 296, 74-82.	4.1	27
32	The possible involvement of JNK activation in the spinal dorsal horn in bortezomib-induced allodynia: the role of TNF- α and IL-1 β . <i>Journal of Anesthesia</i> , 2016, 30, 55-63.	1.7	24
33	The inhibition of spinal synaptic plasticity mediated by activation of AMP-activated protein kinase signaling alleviates the acute pain induced by oxaliplatin. <i>Experimental Neurology</i> , 2017, 288, 85-93.	4.1	23
34	The role of CA3-LS-VTA loop in the formation of conditioned place preference induced by context-associated reward memory for morphine. <i>Addiction Biology</i> , 2018, 23, 41-54.	2.6	19
35	Upregulation of tumor necrosis factor-alpha in the anterior cingulate cortex contributes to neuropathic pain and pain-associated aversion. <i>Neurobiology of Disease</i> , 2019, 130, 104456.	4.4	19
36	NFATc2-dependent epigenetic upregulation of CXCL14 is involved in the development of neuropathic pain induced by paclitaxel. <i>Journal of Neuroinflammation</i> , 2020, 17, 310.	7.2	15

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37	Oxaliplatin-induced neuropathic pain involves HOXA6 via a TET1-dependent demethylation of the SOX10 promoter. International Journal of Cancer, 2020, 147, 2503-2514.	5.1	10
38	Adaptation of prelimbic cortex mediated by IL-6/STAT3/Acp5 pathway contributes to the comorbidity of neuropathic pain and depression in rats. Journal of Neuroinflammation, 2022, 19, .	7.2	10
39	Upregulation of TRPC6 Mediated by PAX6 Hypomethylation Is Involved in the Mechanical Allodynia Induced by Chemotherapeutics in Dorsal Root Ganglion. International Journal of Neuropsychopharmacology, 2020, 23, 257-267.	2.1	8
40	ZEB1 Induces Ddr1 Promoter Hypermethylation and Contributes to the Chronic Pain in Spinal Cord in Rats Following Oxaliplatin Treatment. Neurochemical Research, 2021, 46, 2181-2191.	3.3	8
41	Metformin Relieves Bortezomib-Induced Neuropathic Pain by Regulating AMPKa2-Mediated Autophagy in the Spinal Dorsal Horn. Neurochemical Research, 2022, 47, 1878-1887.	3.3	6
42	Epigenetic upregulation of hippocampal CXCL12 contributes to context spatial memory-associated morphine conditioning. Brain, Behavior, and Immunity, 2020, 84, 72-79.	4.1	5
43	On the Role of Microglia in Trigeminal Neuropathic Pain. Neuroscience, 2019, 414, 297-298.	2.3	2
44	The epigenetic mechanisms involved in chronic pain in rodents: A mini-review. Current Neuropharmacology, 2021, 19, .	2.9	2