Ji Zhang

List of Publications by Year
in descending order

50 papers	4,688 citations	172457 29 h-index	223800 46 g-index
54 all docs	54 docs citations	54 times ranked	5505 citing authors

#	Article	IF	Citations
1	Unbiased proteomic analysis detects painful systemic inflammatory profile in the serum of nerve-injured mice. Pain, 2023, 164, e77-e90.	4.2	6
2	Serum Soluble ST2 Is a Valuable Prognostic Biomarker in Patients With Acute Heart Failure. Frontiers in Cardiovascular Medicine, 2022, 9, 812654.	2.4	10
3	Microglia-mediated degradation of perineuronal nets promotes pain. Science, 2022, 377, 80-86.	12.6	52
4	Potentiation of morphine antinociception and inhibition of diabetic neuropathic pain by the multi-chemokine receptor antagonist peptide RAP-103. Life Sciences, 2022, 306, 120788.	4.3	6
5	Inhibition of TLR4 signaling protects mice from sensory and motor dysfunction in an animal model of autoimmune peripheral neuropathy. Journal of Neuroinflammation, 2021, 18, 77.	7.2	8
6	Asparagine: A Metabolite to Be Targeted in Cancers. Metabolites, 2021, 11, 402.	2.9	47
7	CX3CR1 But Not CCR2 Expression Is Required for the Development of Autoimmune Peripheral Neuropathy in Mice. Frontiers in Immunology, 2021, 12, 720733.	4.8	0
8	Does Low Grade Systemic Inflammation Have a Role in Chronic Pain?. Frontiers in Molecular Neuroscience, 2021, 14, 785214.	2.9	18
9	High-salt diet decreases mechanical thresholds in mice that is mediated by a CCR2-dependent mechanism. Journal of Neuroinflammation, 2020, 17, 179.	7.2	9
10	The geriatric pain experience in mice: intact cutaneous thresholds but altered responses to tonic and chronic pain. Neurobiology of Aging, 2020, 89, 1-11.	3.1	16
11	Salt Sensing by Serum/Glucocorticoid-Regulated Kinase 1 Promotes Th17-like Inflammatory Adaptation of Foxp3+ Regulatory T Cells. Cell Reports, 2020, 30, 1515-1529.e4.	6.4	33
12	Murine cytomegalovirus infection in mice results in an acute inflammatory reaction in peripheral nerves. Journal of Neuroimmunology, 2019, 335, 577017.	2.3	4
13	Effector/memory CD8 + T cells synergize with co-stimulation competent macrophages to trigger autoimmune peripheral neuropathy. Brain, Behavior, and Immunity, 2018, 71, 142-157.	4.1	15
14	Sustained and repeated mouth opening leads to development of painful temporomandibular disorders involving macrophage/microglia activation in mice. Pain, 2018, 159, 1277-1288.	4.2	30
15	Targeting macrophage and microglia activation with colony stimulating factor 1 receptor inhibitor is an effective strategy to treat injury-triggered neuropathic pain. Molecular Pain, 2018, 14, 174480691876497.	2.1	95
16	Spinal microglia are required for long-term maintenance of neuropathic pain. Pain, 2017, 158, 1792-1801.	4.2	83
17	Oligodendrogliopathy in Multiple Sclerosis: Low Glycolytic Metabolic Rate Promotes Oligodendrocyte Survival. Journal of Neuroscience, 2016, 36, 4698-4707.	3.6	89
18	Dynamics of spinal microglia repopulation following an acute depletion. Scientific Reports, 2016, 6, 22839.	3.3	40

#	Article	IF	Citations
19	Mitochondrial and Bioenergetic Dysfunction in Trauma-Induced Painful Peripheral Neuropathy. Molecular Pain, 2015, 11, s12990-015-0057.	2.1	42
20	Characteristics of spinal microglia in aged and obese mice: potential contributions to impaired sensory behavior. Immunity and Ageing, 2015, 12, 22.	4.2	16
21	Evidence from Human and Animal Studies: Pathological Roles of CD8+ T Cells in Autoimmune Peripheral Neuropathies. Frontiers in Immunology, 2015, 6, 532.	4.8	27
22	Role of IL-10 in Resolution of Inflammation and Functional Recovery after Peripheral Nerve Injury. Journal of Neuroscience, 2015, 35, 16431-16442.	3.6	108
23	Peripheral Nerve Injury Induces Persistent Vascular Dysfunction and Endoneurial Hypoxia, Contributing to the Genesis of Neuropathic Pain. Journal of Neuroscience, 2015, 35, 3346-3359.	3.6	101
24	Different immune cells mediate mechanical pain hypersensitivity in male and female mice. Nature Neuroscience, 2015, 18, 1081-1083.	14.8	1,041
25	Correlation of serum alanine aminotransferase and aspartate aminotransferase with coronary heart disease. International Journal of Clinical and Experimental Medicine, 2015, 8, 4399-404.	1.3	10
26	A new animal model of spontaneous autoimmune peripheral polyneuropathy: implications for Guillain-BarrÃ© syndrome. Acta Neuropathologica Communications, 2014, 2, 5.	5.2	28
27	Blood-nerve barrier dysfunction contributes to the generation of neuropathic pain and allows targeting of injured nerves for pain relief. Pain, 2014, 155, 954-967.	4.2	70
28	Can Modulating Inflammatory Response be a Good Strategy to Treat Neuropathic Pain?. Current Pharmaceutical Design, 2014, 21, 831-839.	1.9	33
29	Selectively reducing cytokine/chemokine expressing macrophages in injured nerves impairs the development of neuropathic pain. Experimental Neurology, 2013, 240, 205-218.	4.1	41
30	Heterogeneity of macrophages in injured trigeminal nerves: Cytokine/chemokine expressing vs. phagocytic macrophages. Brain, Behavior, and Immunity, 2012, 26, 891-903.	4.1	42
31	Attenuation of rodent neuropathic pain by an orally active peptide, RAP-103, which potently blocks CCR2- and CCR5-mediated monocyte chemotaxis and inflammation. Pain, 2012, 153, 95-106.	4.2	60
32	Statins alleviate experimental nerve injury-induced neuropathic pain. Pain, 2011, 152, 1033-1043.	4.2	60
33	The role of TLR2 in nerve injuryâ€induced neuropathic pain is essentially mediated through macrophages in peripheral inflammatory response. Glia, 2011, 59, 231-241.	4.9	55
34	Peripheral Nerve Injury Alters Blood-Spinal Cord Barrier Functional and Molecular Integrity through a Selective Inflammatory Pathway. Journal of Neuroscience, 2011, 31, 10819-10828.	3.6	211
35	Functional Recovery after Peripheral Nerve Injury is Dependent on the Pro-Inflammatory Cytokines IL-1Î² and TNF: Implications for Neuropathic Pain. Journal of Neuroscience, 2011, 31, 12533-12542.	3.6	276
36	Distinctive Response of CNS Glial Cells in Orofacial Pain Associated with Injury, Infection and Inflammation. Molecular Pain, 2010, 6, 1744-8069-6-79.	2.1	53

#	Article	IF	Citations
37	Connecting Biological Themes Using a Single Human Network of Gene Associations. , 2009, , .		0
38	Transforming Growth Factor-Î²1 Impairs Neuropathic Pain through Pleiotropic Effects. Molecular Pain, 2009, 5, 1744-8069-5-16.	2.1	118
39	A Functional Analysis of EP4 Receptor-Expressing Neurons in Mediating the Action of Prostaglandin E2 Within Specific Nuclei of the Brain in Response to Circulating Interleukin-1Î². Journal of Neurochemistry, 2008, 74, 2134-2145.	3.9	65
40	Anti-inflammatory effects of prostaglandinâ€ƒE2 in the central nervous system in response to brain injury and circulating lipopolysaccharide. Journal of Neurochemistry, 2008, 76, 855-864.	3.9	87
41	Characterization of cell proliferation in rat spinal cord following peripheral nerve injury and the relationship with neuropathic pain. Pain, 2008, 135, 37-47.	4.2	181
42	Chemokine Action in the Nervous System. Journal of Neuroscience, 2008, 28, 11792-11795.	3.6	120
43	Expression of CCR2 in Both Resident and Bone Marrow-Derived Microglia Plays a Critical Role in Neuropathic Pain. Journal of Neuroscience, 2007, 27, 12396-12406.	3.6	381
44	Spatial and temporal relationship between monocyte chemoattractant protein-1 expression and spinal glial activation following peripheral nerve injury. Journal of Neurochemistry, 2006, 97, 772-783.	3.9	304
45	Induction of CB2 receptor expression in the rat spinal cord of neuropathic but not inflammatory chronic pain models. European Journal of Neuroscience, 2003, 17, 2750-2754.	2.6	366
46	Is Survival Possible Without Arachidonate Metabolites in the Brain During Systemic Infection?. Physiology, 2003, 18, 137-142.	3.1	11
47	How the Blood Talks to the Brain Parenchyma and the Paraventricular Nucleus of the Hypothalamus During Systemic Inflammatory and Infectiousâ€ƒStimuli. Proceedings of the Society for Experimental Biology and Medicine, 2000, 223, 22-38.	1.8	22
48	Distribution, regulation and colocalization of the genes encoding the EP₂â€•and EP₄â€PGE₂ receptors in the rat brain and neuronal responses to systemic inflammation. European Journal of Neuroscience, 1999, 11, 2651-2668.	2.6	196
49	Arachidonate Metabolites in the Neurophysiological System: The Fever Pathway. , 0, , 463-472.		0
50	The Impact of High Salt Diet on the Nociceptive Pain Thresholds and Functional Phenotype of Myeloid Cells. Canadian Journal of Pain, 0, , .	1.7	0