

Hongwei Yu

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

791
citations

471509

17
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

974
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of the Dhcr7 knockout mouse to accurately determine the origin of fetal sterols. <i>Journal of Lipid Research</i> , 2006, 47, 1535-1541.	4.2	90
2	Direct injection into the dorsal root ganglion: Technical, behavioral, and histological observations. <i>Journal of Neuroscience Methods</i> , 2011, 199, 43-55.	2.5	82
3	Quantifying raft proteins in neonatal mouse brain by 'tube-gel' protein digestion label-free shotgun proteomics. <i>Proteome Science</i> , 2007, 5, 17.	1.7	54
4	Lentiviral Gene Transfer into the Dorsal Root Ganglion of Adult Rats. <i>Molecular Pain</i> , 2011, 7, 1744-8069-7-63.	2.1	43
5	Intraganglionic AAV6 Results in Efficient and Long-Term Gene Transfer to Peripheral Sensory Nervous System in Adult Rats. <i>PLoS ONE</i> , 2013, 8, e61266.	2.5	41
6	Dorsal Root Ganglionic Field Stimulation Relieves Spontaneous and Induced Neuropathic Pain in Rats. <i>Journal of Pain</i> , 2016, 17, 1349-1358.	1.4	38
7	Late gestational lung hypoplasia in a mouse model of the Smith-Lemli-Opitz syndrome. <i>BMC Developmental Biology</i> , 2004, 4, 1.	2.1	37
8	Piezo2 mechanosensitive ion channel is located to sensory neurons and nonneuronal cells in rat peripheral sensory pathway: implications in pain. <i>Pain</i> , 2021, 162, 2750-2768.	4.2	35
9	Painful nerve injury upregulates thrombospondin-4 expression in dorsal root ganglia. <i>Journal of Neuroscience Research</i> , 2015, 93, 443-453.	2.9	31
10	Satellite glial cells in sensory ganglia express functional transient receptor potential ankyrin 1 that is sensitized in neuropathic and inflammatory pain. <i>Molecular Pain</i> , 2020, 16, 174480692092542.	2.1	31
11	CaMKII Controls Whether Touch Is Painful. <i>Journal of Neuroscience</i> , 2015, 35, 14086-14102.	3.6	29
12	HMG-CoA synthase isoenzymes 1 and 2 localize to satellite glial cells in dorsal root ganglia and are differentially regulated by peripheral nerve injury. <i>Brain Research</i> , 2016, 1652, 62-70.	2.2	29
13	Ca ²⁺ -Dependent Regulation of Ca ²⁺ Currents in Rat Primary Afferent Neurons: Role of CaMKII and the Effect of Injury. <i>Journal of Neuroscience</i> , 2012, 32, 11737-11749.	3.6	26
14	Analgesia for Neuropathic Pain by Dorsal Root Ganglion Transplantation of Genetically Engineered Mesenchymal Stem Cells: Initial Results. <i>Molecular Pain</i> , 2015, 11, s12990-015-0002.	2.1	26
15	AAV-Mediated Gene Transfer to Dorsal Root Ganglion. <i>Methods in Molecular Biology</i> , 2016, 1382, 251-261.	0.9	23
16	Enhanced T-type calcium channel 3.2 activity in sensory neurons contributes to neuropathic-like pain of monosodium iodoacetate-induced knee osteoarthritis. <i>Molecular Pain</i> , 2020, 16, 174480692096380.	2.1	22
17	AAV-encoded CaV2.2 peptide aptamer CBD3A6K for primary sensory neuron-targeted treatment of established neuropathic pain. <i>Gene Therapy</i> , 2019, 26, 308-323.	4.5	21
18	Sigma-1 receptor activity in primary sensory neurons is a critical driver of neuropathic pain. <i>Gene Therapy</i> , 2022, 29, 1-15.	4.5	20

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19	Primary sensory neuron-specific interference of TRPV1 signaling by adeno-associated virus-encoded TRPV1 peptide aptamer attenuates neuropathic pain. <i>Molecular Pain</i> , 2017, 13, 174480691771704.	2.1	19
20	Partial rescue of neonatal lethality of Dhcr7 null mice by a nestin promoter-driven DHCR7 transgene expression. <i>Developmental Brain Research</i> , 2005, 156, 46-60.	1.7	17
21	Peripheral nerve injury induces loss of nociceptive neuron-specific G β i-interacting protein in neuropathic pain rat. <i>Molecular Pain</i> , 2016, 12, 174480691664638.	2.1	17
22	Transmembrane protein 100 is expressed in neurons and glia of dorsal root ganglia and is reduced after painful nerve injury. <i>Pain Reports</i> , 2019, 4, e703.	2.7	13
23	Inhibition of neuropathic hyperalgesia by intrathecal bone marrow stromal cells is associated with alteration of multiple soluble factors in cerebrospinal fluid. <i>Experimental Brain Research</i> , 2017, 235, 2627-2638.	1.5	12
24	Selective reconstitution of liver cholesterol biosynthesis promotes lung maturation but does not prevent neonatal lethality in Dhcr7 null mice. <i>BMC Developmental Biology</i> , 2007, 7, 27.	2.1	11
25	Glial fibrillary acidic protein promoter determines transgene expression in satellite glial cells following intraganglionic adeno-associated virus delivery in adult rats. <i>Journal of Neuroscience Research</i> , 2018, 96, 436-448.	2.9	10
26	Regulation of voltage-gated Ca $^{2+}$ currents by Ca $^{2+}$ /calmodulin-dependent protein kinase II in resting sensory neurons. <i>Molecular and Cellular Neurosciences</i> , 2014, 62, 10-18.	2.2	9
27	Targeting intrinsically disordered regions facilitates discovery of Cav3.2 inhibitory peptides for AAV-mediated peripheral analgesia. <i>Pain</i> , 2022, Publish Ahead of Print, .	4.2	2
28	Selective block of sensory neuronal T-type/Cav3.2 activity mitigates neuropathic pain behavior in a rat model of osteoarthritis pain. <i>Arthritis Research and Therapy</i> , 2022, 24, .	3.5	2