Hwan Tae Park

List of Publications by Year
in descending order

86 papers	2,789 citations	159585 30 h-index	197818 49 g-index
86 all docs	86 docs citations	86 times ranked	4417 citing authors

#	Article	IF	Citations
1	Finger drop sign as a new variant of acute motor axonal neuropathy. Muscle and Nerve, 2021, 63, 336-343.	2.2	4
2	Potential neuronâ€autonomous Purkinje cell degeneration by 2â€²,3â€²â€cyclic nucleotide 3â€²â€phosphodiesterase promoter/Creâ€mediated autophagy impairments. FASEB Journal, 2021, 35, e21225.	0.5	6
3	Scaffolding protein Gab2 is involved in postnatal development and lipopolysaccharide-induced activation of microglia in the mouse brain. Biochemical and Biophysical Research Communications, 2021, 567, 112-117.	2.1	1
4	Behind the pathology of macrophage-associated demyelination in inflammatory neuropathies: demyelinating Schwann cells. Cellular and Molecular Life Sciences, 2020, 77, 2497-2506.	5.4	12
5	Differential expression of circular RNAs in the proximal and distal segments of the sciatic nerve after injury. NeuroReport, 2020, 31, 76-84.	1.2	4
6	Lossâ€ofâ€function of EBP50 is a new cause of hereditary peripheral neuropathy: EBP50 functions in peripheral nerve system. Glia, 2020, 68, 1794-1809.	4.9	6
7	Exosomes derived from differentiated Schwann cells inhibit Schwann cell migration via microRNAs. NeuroReport, 2020, 31, 515-522.	1.2	17
8	Isorhamnetin alleviates lipopolysaccharide-induced inflammatory responses in BV2 microglia by inactivating NF-ÎºB, blocking the TLR4 pathway and reducing ROS generation. International Journal of Molecular Medicine, 2019, 43, 682-692.	4.0	54
9	p75 and neural cell adhesion molecule 1 can identify pathologic Schwann cells in peripheral neuropathies. Annals of Clinical and Translational Neurology, 2019, 6, 1292-1301.	3.7	18
10	Aminosalicylic acid reduces ER stress and Schwann cell death induced by MPZ mutations. International Journal of Molecular Medicine, 2019, 44, 125-134.	4.0	4
11	Downregulation MIWI-piRNA regulates the migration of Schwann cells in peripheral nerve injury. Biochemical and Biophysical Research Communications, 2019, 519, 605-612.	2.1	16
12	Activation of the Nrf2/HO-1 signaling pathway contributes to the protective effects of baicalein against oxidative stress-induced DNA damage and apoptosis in HEI193 Schwann cells. International Journal of Medical Sciences, 2019, 16, 145-155.	2.5	62
13	Protective Effect of Baicalein on Oxidative Stress-induced DNA Damage and Apoptosis in RT4-D6P2T Schwann Cells. International Journal of Medical Sciences, 2019, 16, 8-16.	2.5	22
14	Assessment of mitophagy in mtâ€Keima <i>Drosophila</i> revealed an essential role of the PINK1â€Parkin pathway in mitophagy induction <i>in vivo</i>. FASEB Journal, 2019, 33, 9742-9751.	0.5	67
15	Drp1 Phosphorylation Is Indispensable for Steroidogenesis in Leydig Cells. Endocrinology, 2019, 160, 729-743.	2.8	24
16	Serum CXCL13 reflects local B-cell mediated inflammatory demyelinating peripheral neuropathy. Scientific Reports, 2019, 9, 16535.	3.3	5
17	MicroRNAs 93-5p, 106b-5p, 17-5p, and 140-5p target the expression of early growth response protein 2 in Schwann cells. NeuroReport, 2019, 30, 241-246.	1.2	1
18	The conceptual introduction of the â€œdemyelinating Schwann cellâ€• in peripheral demyelinating neuropathies. Glia, 2019, 67, 571-581.	4.9	25

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19	A<i>De Novo</i><i>RAPGEF2</i>Variant Identified in a Sporadic Amyotrophic Lateral Sclerosis Patient Impairs Microtubule Stability and Axonal Mitochondria Distribution. Experimental Neurobiology, 2018, 27, 550-563.	1.6	10
20	Upregulation of microRNA 344a-3p is involved in curcumin induced apoptosis in RT4 schwannoma cells. Cancer Cell International, 2018, 18, 199.	4.1	12
21	MicroRNA Mediated Regulation of Schwann Cell Migration and Proliferation in Peripheral Nerve Injury. BioMed Research International, 2018, 2018, 1-7.	1.9	27
22	Palmitate induces lipoapoptosis in Schwann cells through ROS generation-mediated STAMP2 downregulation. Biochemical and Biophysical Research Communications, 2018, 503, 1260-1266.	2.1	14
23	Pmp22 mutant allele-specific siRNA alleviates demyelinating neuropathic phenotype in vivo. Neurobiology of Disease, 2017, 100, 99-107.	4.4	33
24	Wallerian demyelination: chronicle of a cellular cataclysm. Cellular and Molecular Life Sciences, 2017, 74, 4049-4057.	5.4	54
25	Cooperative interaction of hepatocyte growth factor and neuregulin regulates Schwann cell migration and proliferation through Grb2-associated binder-2 in peripheral nerve repair. Glia, 2017, 65, 1794-1808.	4.9	22
26	Schwann cell dedifferentiation-associated demyelination leads to exocytotic myelin clearance in inflammatory segmental demyelination. Glia, 2017, 65, 1848-1862.	4.9	39
27	Fucoidan inhibits lipopolysaccharide-induced inflammatory responses in RAW 264.7 macrophages and zebrafish larvae. Molecular and Cellular Toxicology, 2017, 13, 405-417.	1.7	48
28	The Scaffolding Protein, Grb2-associated Binder-1, in Skeletal Muscles and Terminal Schwann Cells Regulates Postnatal Neuromuscular Synapse Maturation. Experimental Neurobiology, 2017, 26, 141-150.	1.6	6
29	Laminin 211 inhibits protein kinase A in Schwann cells to modulate neuregulin 1 type III-driven myelination. PLoS Biology, 2017, 15, e2001408.	5.6	44
30	Isocitrate protects DJ-1 null dopaminergic cells from oxidative stress through NADP+-dependent isocitrate dehydrogenase (IDH). PLoS Genetics, 2017, 13, e1006975.	3.5	37
31	Natural agents mediated autophagic signal networks in cancer. Cancer Cell International, 2017, 17, 110.	4.1	19
32	Autophagic myelin destruction by schwann cells during wallerian degeneration and segmental demyelination. Glia, 2016, 64, 730-742.	4.9	120
33	Ophthalmoplegic Guillain-BarrÃ© syndrome: An independent entity or a transitional spectrum?. Journal of Clinical Neuroscience, 2016, 32, 19-23.	1.5	3
34	Acute bulbar palsy as a variant of Guillain-BarrÃ© syndrome. Neurology, 2016, 86, 742-747.	1.1	37
35	A Mutation in PMP2 Causes Dominant Demyelinating Charcot-Marie-Tooth Neuropathy. PLoS Genetics, 2016, 12, e1005829.	3.5	44
36	Diffusion tensor imaging and T2 mapping in early denervated skeletal muscle in rats. Journal of Magnetic Resonance Imaging, 2015, 42, spcone-spcone.	3.4	1

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37	Autophagy Is Involved in the Reduction of Myelinating Schwann Cell Cytoplasm during Myelin Maturation of the Peripheral Nerve. PLoS ONE, 2015, 10, e0116624.	2.5	40
38	Diffusion tensor imaging and T2 mapping in early denervated skeletal muscle in rats. Journal of Magnetic Resonance Imaging, 2015, 42, 617-623.	3.4	15
39	Mitogen Activated Protein Kinase Family Proteins and c-jun Signaling in Injury-induced Schwann Cell Plasticity. Experimental Neurobiology, 2014, 23, 130-137.	1.6	36
40	Inverse agonist of estrogen-related receptor Î³ controls Salmonella typhimurium infection by modulating host iron homeostasis. Nature Medicine, 2014, 20, 419-424.	30.7	127
41	Grb2-Associated Binder-1 Is Required for Neuregulin-1-Induced Peripheral Nerve Myelination. Journal of Neuroscience, 2014, 34, 7657-7662.	3.6	28
42	Expression Profile of Fas-Fas Ligand in Spiral Ganglion Cells During Apoptosis. Clinical and Experimental Otorhinolaryngology, 2014, 7, 1.	2.1	4
43	Two faces of Schwann cell dedifferentiation in peripheral neurodegenerative diseases: pro-demyelinating and axon-preservative functions. Neural Regeneration Research, 2014, 9, 1952.	3.0	15
44	Mitochondrial swelling and microtubule depolymerization are associated with energy depletion in axon degeneration. Neuroscience, 2013, 238, 258-269.	2.3	45
45	The Neuregulinâ€Racâ€MKK7 pathway regulates antagonistic câ€jun/Krox20 expression in Schwann cell dedifferentiation. Glia, 2013, 61, 892-904.	4.9	44
46	Calcium-dependent proteasome activation is required for axonal neurofilament degradation. Neural Regeneration Research, 2013, 8, 3401-9.	3.0	17
47	Expression of Î±B-crystallin overrides the anti-apoptotic activity of XIAP. Neuro-Oncology, 2012, 14, 1332-1345.	1.2	16
48	Local production of serum amyloid a is implicated in the induction of macrophage chemoattractants in Schwann cells during wallerian degeneration of peripheral nerves. Glia, 2012, 60, 1619-1628.	4.9	31
49	Transient lysosomal activation is essential for p75 nerve growth factor receptor expression in myelinated Schwann cells during Wallerian degeneration. Anatomy and Cell Biology, 2011, 44, 41.	1.0	29
50	Rac1 GTPase controls myelination and demyelination. Bioarchitecture, 2011, 1, 110-113.	1.5	24
51	Actin Polymerization Is Essential for Myelin Sheath Fragmentation during Wallerian Degeneration. Journal of Neuroscience, 2011, 31, 2009-2015.	3.6	96
52	Pathological adaptive responses of Schwann cells to endoplasmic reticulum stress in bortezomibâ€induced peripheral neuropathy. Glia, 2010, 58, 1961-1976.	4.9	47
53	Injury-induced CRMP4 expression in adult sensory neurons; a possible target gene for ciliary neurotrophic factor. Neuroscience Letters, 2010, 485, 37-42.	2.1	14
54	Proteasome inhibition suppresses injuryâ€induced myelin ovoid formation and Schwann cell dedifferentiation in the peripheral nerves. FASEB Journal, 2010, 24, .	0.5	0

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55	Nidogen Plays a Role in the Regenerative Axon Growth of Adult Sensory Neurons Through Schwann Cells. Journal of Korean Medical Science, 2009, 24, 654.	2.5	11
56	Proteasome inhibition suppresses Schwann cell dedifferentiation <i>in vitro</i> and <i>in vivo</i>. Glia, 2009, 57, 1825-1834.	4.9	54
57	A novel mechanism of methylglyoxal cytotoxicity in neuroglial cells. Journal of Neurochemistry, 2009, 108, 273-284.	3.9	30
58	Interleukinâ€6 is required for the early induction of glial fibrillary acidic protein in Schwann cells during Wallerian degeneration. Journal of Neurochemistry, 2009, 108, 776-786.	3.9	50
59	Interleukin-6 induces proinflammatory signaling in Schwann cells: A high-throughput analysis. Biochemical and Biophysical Research Communications, 2009, 382, 410-414.	2.1	11
60	Capsaicin inhibits the IL-6/STAT3 pathway by depleting intracellular gp130 pools through endoplasmic reticulum stress. Biochemical and Biophysical Research Communications, 2009, 382, 445-450.	2.1	19
61	Cell type-specific STAT3 activation by gp130-related cytokines in the peripheral nerves. NeuroReport, 2009, 20, 663-668.	1.2	16
62	Netrin-1 Specifically Enhances Cell Spreading on Fibronectin in Human Glioblastoma Cells. Korean Journal of Physiology and Pharmacology, 2008, 12, 225.	1.2	1
63	Tyrphostin ErbB2 Inhibitors AG825 and AG879 Have Non-specific Suppressive Effects on gp130/ STAT3 Signaling. Korean Journal of Physiology and Pharmacology, 2008, 12, 281.	1.2	4
64	Acute changes of nidogen immunoreactivity in the basal lamina of the spinal cord vessels following dorsal hemisection without correlative changes of nidogen gene expression. Acta Histochemica, 2007, 109, 446-453.	1.8	7
65	Netrin-1 induces proliferation of Schwann cells through Unc5b receptor. Biochemical and Biophysical Research Communications, 2007, 362, 1057-1062.	2.1	32
66	A purified extract from Clematis mandshurica prevents staurosporin-induced downregulation of 14-3-3 and subsequent apoptosis on rat chondrocytes. Journal of Ethnopharmacology, 2007, 111, 213-218.	4.1	8
67	Down-regulation of UNC5 homologue expression after the spinal cord injury in the adult rat. Neuroscience Letters, 2007, 419, 43-48.	2.1	10
68	Netrin Inhibits Regenerative Axon Growth of Adult Dorsal Root Ganglion Neurons in Vitro. Journal of Korean Medical Science, 2007, 22, 641.	2.5	15
69	Nidogen is a prosurvival and promigratory factor for adult Schwann cells. Journal of Neurochemistry, 2007, 102, 686-698.	3.9	45
70	Identification of the basement membrane protein nidogen as a candidate ligand for tumor endothelial marker 7 in vitro and in vivo. FEBS Letters, 2006, 580, 2253-2257.	2.8	31
71	Expression of tumor endothelial marker 7 mRNA and protein in the dorsal root ganglion neurons of the rat. Neuroscience Letters, 2006, 402, 71-75.	2.1	6
72	zVAD-fmk, unlike BocD-fmk, does not inhibit caspase-6 acting on 14-3-3/Bad pathway in apoptosis of p815 mastocytoma cells. Experimental and Molecular Medicine, 2006, 38, 634-642.	7.7	10

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73	Netrin induces down-regulation of its receptor, Deleted in Colorectal Cancer, through the ubiquitin-proteasome pathway in the embryonic cortical neuron. Journal of Neurochemistry, 2005, 95, 1-8.	3.9	41
74	Cloning, characterization and neuronal expression profiles of tumor endothelial marker 7 in the rat brain. Molecular Brain Research, 2005, 136, 189-198.	2.3	25
75	The modulation of radiation-induced cell death by genistein in K562 cells: Activation of thymidine kinase 1. Cell Research, 2004, 14, 295-302.	12.0	21
76	Slit proteins: molecular guidance cues for cells ranging from neurons to leukocytes. Current Opinion in Genetics and Development, 2002, 12, 583-591.	3.3	194
77	Molecular control of neuronal migration. BioEssays, 2002, 24, 821-827.	2.5	61
78	Calmodulin-dependent activation of p38 and p42/44 mitogen-activated protein kinases contributes to c-fos expression by calcium in PC12 cells: modulation by nitric oxide. Molecular Brain Research, 2000, 75, 16-24.	2.3	36
79	Protein kinase A activity is required for depolarization-induced proline-rich tyrosine kinase 2 and mitogen-activated protein kinase activation in PC12 cells. Neuroscience Letters, 2000, 290, 25-28.	2.1	10
80	Postnatal development of detergent-insoluble properties of NMDA and AMPA receptor subunits in the rat brain synaptic membrane. Developmental Brain Research, 1999, 115, 83-87.	1.7	5
81	Light regulates Homer mRNA expression in the rat suprachiasmatic nucleus. Molecular Brain Research, 1997, 52, 318-322.	2.3	32
82	Distributional characteristics of the mRNA for retinoid Z receptor Î² (RZRÎ²), a putative nuclear melatonin receptor, in the rat brain and spinal cord. Brain Research, 1997, 747, 332-337.	2.2	27
83	Calcitonin gene-related peptide-like immunoreactive (CGRPI) elements in the circadian system of the mouse: an immunohistochemistry combined with retrograde transport study. Brain Research, 1993, 629, 335-341.	2.2	15
84	Profile of Fos-like immunoreactivity induction by light stimuli in the intergeniculate leaflet is different from that of the suprachiasmatic nucleus. Brain Research, 1993, 610, 334-339.	2.2	31
85	Region-specific expression of subunits of ionotropic glutamate receptors (AMPA-type, KA-type and) Tj ETQq1 1 0.784314 rgBT /Overlock Research, 1993, 18, 141-151.	2.3	180
86	AMPA, KA and NMDA receptors are expressed in the rat DRG neurones. NeuroReport, 1993, 4, 1263-1265.	1.2	205