Peter J Shortland

List of Publications by Year
in descending order

45 papers	2,781 citations	304743 22 h-index	276875 41 g-index
46 all docs	46 docs citations	46 times ranked	2141 citing authors

#	Article	IF	Citations
1	The roles of microglia and astrocytes in phagocytosis and myelination: Insights from the cuprizone model of multiple sclerosis. Glia, 2022, 70, 1215-1250.	4.9	49
2	Histological and Top-Down Proteomic Analyses of the Visual Pathway in the Cuprizone Demyelination Model. Journal of Molecular Neuroscience, 2022, 72, 1374-1401.	2.3	5
3	Proteomics of Multiple Sclerosis: Inherent Issues in Defining the Pathoetiology and Identifying (Early) Biomarkers. International Journal of Molecular Sciences, 2021, 22, 7377.	4.1	13
4	Minocycline Treatment Reduces Mass and Force Output From Fast-Twitch Mouse Muscles and Inhibits Myosin Production in C2C12 Myotubes. Frontiers in Physiology, 2021, 12, 696039.	2.8	1
5	Revisiting the Pathoetiology of Multiple Sclerosis: Has the Tail Been Wagging the Mouse?. Frontiers in Immunology, 2020, 11, 572186.	4.8	33
6	Behavioural and histological changes in cuprizone-fed mice. Brain, Behavior, and Immunity, 2020, 87, 508-523.	4.1	29
7	CD8 T-cell Recruitment Into the Central Nervous System of Cuprizone-Fed Mice: Relevance to Modeling the Etiology of Multiple Sclerosis. Frontiers in Cellular Neuroscience, 2020, 14, 43.	3.7	22
8	Forced Disruption of Anatomy Education in Australia and New Zealand: An Acute Response to the Covidâ€19 Pandemic. Anatomical Sciences Education, 2020, 13, 284-300.	3.7	300
9	Behavioural phenotypes in the cuprizone model of central nervous system demyelination. Neuroscience and Biobehavioral Reviews, 2019, 107, 23-46.	6.1	55
10	Suppression of the Peripheral Immune System Limits the Central Immune Response Following Cuprizone-Feeding: Relevance to Modelling Multiple Sclerosis. Cells, 2019, 8, 1314.	4.1	24
11	Variability of Oxaliplatin-Induced Neuropathic Pain Symptoms in Each Cycle and Its Implications on the Management of Colorectal Cancer Patients: A Retrospective Study in South Western Sydney Local Health District Hospitals, Sydney, Australia. Journal of Oncology, 2019, 2019, 1-11.	1.3	7
12	Murine neural crest stem cells and embryonic stem cell-derived neuron precursors survive and differentiate after transplantation in a model of dorsal root avulsion. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 129-137.	2.7	20
13	Noxious, but not innocuous, thermal stimuli evoke pERK expression in dorsal horn neurons after spared nerve injury in adult rats. Neuroscience Letters, 2017, 654, 49-55.	2.1	3
14	Sensory perturbations using suture and sutureless repair of transected median nerve in rats. Somatosensory & Motor Research, 2016, 33, 20-28.	0.9	14
15	Differing roles for parvalbumin neurons after nerve injury. Neural Regeneration Research, 2016, 11, 1241.	3.0	2
16	Effects of peripheral nerve injury on parvalbumin expression in adult rat dorsal root ganglion neurons. BMC Neuroscience, 2015, 16, 93.	1.9	23
17	Human Embryonic Stem Cell-Derived Progenitors Assist Functional Sensory Axon Regeneration after Dorsal Root Avulsion Injury. Scientific Reports, 2015, 5, 10666.	3.3	17
18	Vascular changes associated with spinal root avulsion injury. Somatosensory & Motor Research, 2015, 32, 158-162.	0.9	4

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19	Whisker-related circuitry in the trigeminal nucleus principalis: Topographic precision. Somatosensory & Motor Research, 2015, 32, 8-20.	0.9	9
20	The Effects of Minocycline or Riluzole Treatment on Spinal Root Avulsionâ€“Induced Pain in Adult Rats. Journal of Pain, 2014, 15, 664-675.	1.4	19
21	Perfusion assessment in rat spinal cord tissue using photoplethysmography and laser Doppler flux measurements. Journal of Biomedical Optics, 2013, 18, 037005.	2.6	11
22	Segmental Spinal Root Avulsion in the Adult Rat: A Model To Study Avulsion Injury Pain. Journal of Neurotrauma, 2013, 30, 160-172.	3.4	30
23	THE SPINAL CORD. , 2010, , 59-78.		1
24	MOTOR SYSTEMS II. , 2010, , 181-197.		0
25	ORGANIZATION OF THE NERVOUS SYSTEM. , 2010, , 1-30.		2
26	Cell death after dorsal root injury. Neuroscience Letters, 2008, 433, 231-234.	2.1	28
27	ATF3 expression in L4 dorsal root ganglion neurons after L5 spinal nerve transection. European Journal of Neuroscience, 2006, 23, 365-373.	2.6	81
28	Riluzole promotes cell survival and neurite outgrowth in rat sensory neuronesinâ€ƒvitro. European Journal of Neuroscience, 2006, 24, 3343-3353.	2.6	31
29	NGF and GDNF ameliorate the increase in ATF3 expression which occurs in dorsal root ganglion cells in response to peripheral nerve injury. European Journal of Neuroscience, 2004, 19, 1437-1445.	2.6	104
30	Co-treatment with riluzole and GDNF is necessary for functional recovery after ventral root avulsion injury. Experimental Neurology, 2004, 187, 359-366.	4.1	80
31	Dynamic Pattern of Reg-2 Expression in Rat Sensory Neurons after Peripheral Nerve Injury. Journal of Neuroscience, 2002, 22, 7493-7501.	3.6	56
32	Delayed administration of NGF reverses nerve injury induced central alterations of primary afferents. NeuroReport, 2001, 12, 1899-1902.	1.2	11
33	Alterations in the distribution of stimulus-evoked c-fos in the spinal cord after neonatal peripheral nerve injury in the rat. Developmental Brain Research, 2000, 119, 243-250.	1.7	10
34	Peripheral and central predictors of whisker afferent morphology in the rat brainstem. , 1996, 375, 481-501.		17
35	Central Projections of Identified Trigeminal Primary Afferents after Molar Pulp Deafferentation in Adult Rats. Somatosensory & Motor Research, 1995, 12, 277-297.	0.9	11
36	Neonatal Sciatic Nerve Section Results in a Rearrangement of the Central Terminals of Saphenous and Axotomized Sciatic Nerve Afferents in the Dorsal Horn of the Spinal Cord of the Adult Rat. European Journal of Neuroscience, 1994, 6, 75-86.	2.6	43

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37	Sensitization of high mechanothreshold superficial dorsal horn and flexor motor neurones following chemosensitive primary afferent activation. Pain, 1994, 58, 141-155.	4.2	121
38	Morphology and somatotopy of the central arborizations of rapidly adapting glabrous skin afferents in the rat lumbar spinal cord. Journal of Comparative Neurology, 1993, 329, 491-511.	1.6	47
39	Chronic peripheral nerve section results in a rearrangement of the central axonal arborizations of axotomized A beta primary afferent neurons in the rat spinal cord. Journal of Comparative Neurology, 1993, 330, 65-82.	1.6	128
40	Peripheral nerve injury triggers central sprouting of myelinated afferents. Nature, 1992, 355, 75-78.	27.8	1,076
41	Functional Connections Formed by Saphenous Nerve Terminal Sprouts in the Dorsal Horn Following Neonatal Sciatic Nerve Section. European Journal of Neuroscience, 1991, 3, 383-396.	2.6	30
42	Neonatal capsaicin treatment induces invasion of the substantia gelatinosa by the terminal arborizations of hair follicle afferents in the rat dorsal horn. Journal of Comparative Neurology, 1990, 296, 23-31.	1.6	38
43	Collateral sprouting of the central terminals of cutaneous primary afferent neurons in the rat spinal cord: Pattern, morphology, and influence of targets. Journal of Comparative Neurology, 1990, 300, 370-385.	1.6	64
44	Morphology and somatotopic organization of the central terminals of hindlimb hair follicle afferents in the rat lumbar spinal cord. Journal of Comparative Neurology, 1989, 289, 416-433.	1.6	89
45	The effect of neonatal peripheral nerve section on the somadendritic growth of sensory projection cells in the rat spinal cord. Developmental Brain Research, 1988, 42, 129-136.	1.7	23