

Wise Young

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101
papers

9,343
citations

40
h-index

96
g-index

107
ext. papers

10,300
ext. citations

5
avg, IF

5.61
L-index

#	Paper	IF	Citations
101	A randomized, controlled trial of methylprednisolone or naloxone in the treatment of acute spinal-cord injury. Results of the Second National Acute Spinal Cord Injury Study. <i>New England Journal of Medicine</i> , 1990 , 322, 1405-11	59.2	2242
100	International Standards for Neurological and Functional Classification of Spinal Cord Injury. American Spinal Injury Association. <i>Spinal Cord</i> , 1997 , 35, 266-74	2.7	1309
99	Methylprednisolone or naloxone treatment after acute spinal cord injury: 1-year follow-up data. Results of the second National Acute Spinal Cord Injury Study. <i>Journal of Neurosurgery</i> , 1992 , 76, 23-31	3.2	528
98	Methylprednisolone or tirilazad mesylate administration after acute spinal cord injury: 1-year follow up. Results of the third National Acute Spinal Cord Injury randomized controlled trial. <i>Journal of Neurosurgery</i> , 1998 , 89, 699-706	3.2	381
97	The effects of methylprednisolone and the ganglioside GM1 on acute spinal cord injury in rats. <i>Journal of Neurosurgery</i> , 1994 , 80, 97-111	3.2	268
96	Effect of high-dose corticosteroid therapy on blood flow, evoked potentials, and extracellular calcium in experimental spinal injury. <i>Journal of Neurosurgery</i> , 1982 , 57, 667-73	3.2	253
95	Methylprednisolone and neurological function 1 year after spinal cord injury. Results of the National Acute Spinal Cord Injury Study. <i>Journal of Neurosurgery</i> , 1985 , 63, 704-13	3.2	225
94	Spinal cord contusion models. <i>Progress in Brain Research</i> , 2002 , 137, 231-55	2.9	219
93	Extracellular calcium ionic activity in experimental spinal cord contusion. <i>Brain Research</i> , 1982 , 253, 105-13	3.7	182
92	Potassium and calcium changes in injured spinal cords. <i>Brain Research</i> , 1986 , 365, 42-53	3.7	172
91	Central axons in injured cat spinal cord recover electrophysiological function following remyelination by Schwann cells. <i>Journal of the Neurological Sciences</i> , 1989 , 91, 15-34	3.2	165
90	Effect of naloxone on posttraumatic ischemia in experimental spinal contusion. <i>Journal of Neurosurgery</i> , 1981 , 55, 209-19	3.2	163
89	Review of lithium effects on brain and blood. <i>Cell Transplantation</i> , 2009 , 18, 951-75	4	162
88	Macrophages in spinal cord injury: phenotypic and functional change from exposure to myelin debris. <i>Glia</i> , 2015 , 63, 635-51	9	134
87	The recovery of 5-HT immunoreactivity in lumbosacral spinal cord and locomotor function after thoracic hemisection. <i>Experimental Neurology</i> , 1996 , 139, 203-13	5.7	130
86	Cytokine activity contributes to induction of inflammatory cytokine mRNAs in spinal cord following contusion. <i>Journal of Neuroscience Research</i> , 2002 , 68, 315-22	4.4	127
85	Gene expression profiling of acute spinal cord injury reveals spreading inflammatory signals and neuron loss. <i>Physiological Genomics</i> , 2001 , 7, 201-13	3.6	127

84	Spinal Microgliosis Due to Resident Microglial Proliferation Is Required for Pain Hypersensitivity after Peripheral Nerve Injury. <i>Cell Reports</i> , 2016 , 16, 605-14	10.6	123
83	Topological data analysis for discovery in preclinical spinal cord injury and traumatic brain injury. <i>Nature Communications</i> , 2015 , 6, 8581	17.4	113
82	Spinal cord sodium, potassium, calcium, and water concentration changes in rats after graded contusion injury. <i>Journal of Neurotrauma</i> , 1989 , 6, 13-24	5.4	91
81	Regulation of Trk receptors following contusion of the rat spinal cord. <i>Experimental Neurology</i> , 2001 , 167, 15-26	5.7	90
80	Activation of complement pathways after contusion-induced spinal cord injury. <i>Journal of Neurotrauma</i> , 2004 , 21, 1831-46	5.4	85
79	Soluble cell adhesion molecule L1-Fc promotes locomotor recovery in rats after spinal cord injury. <i>Journal of Neurotrauma</i> , 2003 , 20, 871-82	5.4	85
78	Somatosensory evoked potentials during spinal angiography and therapeutic transvascular embolization. <i>Journal of Neurosurgery</i> , 1984 , 60, 777-85	3.2	82
77	Experimental Spinal Cord Injury. <i>Neurosurgery</i> , 1982 , 10, 227-231	3.2	79
76	Managing inflammation after spinal cord injury through manipulation of macrophage function. <i>Neural Plasticity</i> , 2013 , 2013, 945034	3.3	76
75	Osteopontin-deficient mice exhibit less inflammation, greater tissue damage, and impaired locomotor recovery from spinal cord injury compared with wild-type controls. <i>Journal of Neuroscience</i> , 2007 , 27, 3603-11	6.6	72
74	Myelin activates FAK/Akt/NF-kappaB pathways and provokes CR3-dependent inflammatory response in murine system. <i>PLoS ONE</i> , 2010 , 5, e9380	3.7	72
73	Effect of sympathectomy on extracellular potassium ionic activity and blood flow in experimental spinal cord contusion. <i>Brain Research</i> , 1982 , 253, 115-24	3.7	66
72	Phase I-II Clinical Trial Assessing Safety and Efficacy of Umbilical Cord Blood Mononuclear Cell Transplant Therapy of Chronic Complete Spinal Cord Injury. <i>Cell Transplantation</i> , 2016 , 25, 1925-1943	4	64
71	Spinal cord regeneration. <i>Cell Transplantation</i> , 2014 , 23, 573-611	4	62
70	Experimental Spinal Cord Injury. <i>Neurosurgery</i> , 1982 , 10, 227-231	3.2	61
69	Mediators of ischemic preconditioning identified by microarray analysis of rat spinal cord. <i>Experimental Neurology</i> , 2004 , 185, 81-96	5.7	54
68	A phase I trial of naloxone treatment in acute spinal cord injury. <i>Journal of Neurosurgery</i> , 1985 , 63, 390-73.2		52
67	Targeting mTOR as a novel therapeutic strategy for traumatic CNS injuries. <i>Drug Discovery Today</i> , 2012 , 17, 861-8	8.8	51

66	Single, high-dose intraspinal injection of chondroitinase reduces glycosaminoglycans in injured spinal cord and promotes corticospinal axonal regrowth after hemisection but not contusion. <i>Journal of Neurotrauma</i> , 2008 , 25, 334-49	5.4	51
65	Intraspinal localization of the somatosensory evoked potential. <i>Neurosurgery</i> , 1981 , 9, 157-62	3.2	51
64	Somatosensory evoked potentials (SEPs) and cortical single unit responses elicited by mechanical tactile stimuli in awake monkeys. <i>Electroencephalography and Clinical Neurophysiology</i> , 1984 , 58, 537-52		48
63	The post-injury responses in trauma and ischemia: secondary injury or protective mechanisms?. <i>Central Nervous System Trauma: Journal of the American Paralysis Association</i> , 1987 , 4, 27-51		46
62	Acute physiological effects of ultrasonic vibrations on nervous tissue. <i>Neurosurgery</i> , 1981 , 8, 689-94	3.2	43
61	Electrical stimulation and motor recovery. <i>Cell Transplantation</i> , 2015 , 24, 429-46	4	38
60	MIF produced by bone marrow-derived macrophages contributes to teratoma progression after embryonic stem cell transplantation. <i>Cancer Research</i> , 2012 , 72, 2867-78	10.1	35
59	Effect of sympathectomy on spinal blood flow autoregulation and posttraumatic ischemia. <i>Journal of Neurosurgery</i> , 1982 , 56, 706-10	3.2	34
58	Early neurosurgical intervention of spinal cord contusion: an analysis of 30 cases. <i>Chinese Medical Journal</i> , 2008 , 121, 2473-2478	2.9	33
57	Glucocorticoid therapy of spinal cord injury. <i>Annals of the New York Academy of Sciences</i> , 1994 , 743, 241-63; discussion 263-5	6.5	33
56	Balance reactions and eye-hand coordination in idiopathic scoliosis. <i>Journal of Orthopaedic Research</i> , 1986 , 4, 102-7	3.8	32
55	Lithium suppresses astroglialogenesis by neural stem and progenitor cells by inhibiting STAT3 pathway independently of glycogen synthase kinase 3 beta. <i>PLoS ONE</i> , 2011 , 6, e23341	3.7	31
54	Xenotransplantation of transgenic oligodendrocyte-lineage cells into spinal cord-injured adult rats. <i>Experimental Neurology</i> , 1997 , 147, 172-82	5.7	29
53	Rescuing macrophage normal function in spinal cord injury with embryonic stem cell conditioned media. <i>Molecular Brain</i> , 2016 , 9, 48	4.5	28
52	Effect of mianserin on locomotory function after thoracic spinal cord hemisection in rats. <i>Experimental Neurology</i> , 1994 , 129, 207-16	5.7	28
51	Ca paradox in neural injury: a hypothesis. <i>Central Nervous System Trauma: Journal of the American Paralysis Association</i> , 1986 , 3, 235-51		28
50	Clinical Neurorestorative Therapeutic Guidelines for Spinal Cord Injury (IANR/CANR version 2019). <i>Journal of Orthopaedic Translation</i> , 2020 , 20, 14-24	4.2	27
49	Role of glycemia in acute spinal cord injury. Data from a rat experimental model and clinical experience. <i>Annals of the New York Academy of Sciences</i> , 1999 , 890, 133-54	6.5	26

48	The role of calcium in spinal cord injury. <i>Central Nervous System Trauma: Journal of the American Paralysis Association</i> , 1985 , 2, 109-14		26
47	Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017). <i>Cell Transplantation</i> , 2018 , 27, 310-324	4	25
46	Clinical measurement, statistical analysis, and risk-benefit: controversies from trials of spinal injury. <i>Journal of Trauma</i> , 2000 , 48, 558-61		25
45	The effects of arterial blood gas values on lesion volumes in a graded rat spinal cord contusion model. <i>Journal of Neurotrauma</i> , 1994 , 11, 547-62	5.4	25
44	Vestibulospinal monitoring in experimental spinal trauma. <i>Journal of Neurosurgery</i> , 1980 , 52, 64-72	3.2	25
43	A consistent, quantifiable, and graded rat lumbosacral spinal cord injury model. <i>Journal of Neurotrauma</i> , 2015 , 32, 875-92	5.4	22
42	Bridging the gap: from discovery to clinical trials in spinal cord injury. <i>Journal of Neurotrauma</i> , 2000 , 17, 1117-28	5.4	22
41	The role of the sympathetic nervous system in pressor responses induced by spinal injury. <i>Journal of Neurosurgery</i> , 1980 , 52, 473-81	3.2	22
40	Embryonic Stem Cells Promoting Macrophage Survival and Function are Crucial for Teratoma Development. <i>Frontiers in Immunology</i> , 2014 , 5, 275	8.4	21
39	Upregulation of complement inhibitors in association with vulnerable cells following contusion-induced spinal cord injury. <i>Journal of Neurotrauma</i> , 2005 , 22, 382-97	5.4	21
38	Non-synaptic modulation of dorsal column conduction by endogenous GABA in neonatal rat spinal cord. <i>Brain Research</i> , 1993 , 622, 43-50	3.7	21
37	A comprehensive study of long-term skeletal changes after spinal cord injury in adult rats. <i>Bone Research</i> , 2015 , 3, 15028	13.3	20
36	Lithium promotes neural precursor cell proliferation: evidence for the involvement of the non-canonical GSK-3ENF-AT signaling. <i>Cell and Bioscience</i> , 2011 , 1, 18	9.8	20
35	Therapeutic time window for methylprednisolone in spinal cord injured rat. <i>Yonsei Medical Journal</i> , 1999 , 40, 313-20	3	20
34	Spreading depression in elasmobranch cerebellum. <i>Brain Research</i> , 1980 , 199, 113-26	3.7	20
33	A role of GABAA receptors in hypoxia-induced conduction failure of neonatal rat spinal dorsal column axons. <i>Brain Research</i> , 1993 , 601, 14-9	3.7	19
32	Rapid induction of genes associated with tissue protection and neural development in contused adult spinal cord after radial glial cell transplantation. <i>Journal of Neurotrauma</i> , 2009 , 26, 979-93	5.4	14
31	Tissue Na, K, and Ca changes in regional cerebral ischemia: their measurement and interpretation. <i>Central Nervous System Trauma: Journal of the American Paralysis Association</i> , 1986 , 3, 215-34		14

30	Field potential analysis in elasmobranch cerebellum. <i>Brain Research</i> , 1980 , 199, 101-12	3.7	13
29	MASCIS Spinal Cord Contusion Model. <i>Springer Protocols</i> , 2009 , 411-421	0.3	12
28	Quantitative Analysis of SSEA3+ Cells from Human Umbilical Cord after Magnetic Sorting. <i>Cell Transplantation</i> , 2019 , 28, 907-923	4	11
27	Plasma-depleted versus red cell-reduced umbilical cord blood. <i>Cell Transplantation</i> , 2014 , 23, 407-15	4	8
26	The vestibulospinal free fall response: a test of descending function in spinal-injured cats. <i>Central Nervous System Trauma: Journal of the American Paralysis Association</i> , 1984 , 1, 139-59		8
25	Effects of Methylprednisolone on Axonal Depression Induced by Hypoxia, γ -Aminobutyric Acid, and (R)-8-Hydroxy-Dipropylaminotetralin Hydrobromide. <i>Neurosurgery</i> , 2002 , 51, 1477-1483	3.2	5
24	Rapid quantification of tissue damage for assessing acute spinal cord injury therapy. <i>Journal of Neurotrauma</i> , 1992 , 9, 151-3; discussion 153-5	5.4	5
23	Effect of pulsed electromagnetic fields on calcium tissue changes in focal ischaemia. <i>Neurological Research</i> , 1990 , 12, 95-8	2.7	5
22	Flipping the transcriptional switch from myelin inhibition to axon growth in the CNS. <i>Frontiers in Molecular Neuroscience</i> , 2015 , 8, 34	6.1	3
21	Molecular and Cellular Mechanisms of Spinal Cord Injury Therapies 2000 , 241-276		3
20	Future of Muse Cells. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1103, 309-315	3.6	3
19	Axonal Morphometric Correlates of Evoked Potentials in Experimental Spinal Cord Injury 1990 , 87-113		3
18	Spinal Cord Regeneration 2015 , 383-399		2
17	Effects of N-methyl-d-aspartate, glutamate, and glycine on the dorsal column axons of neonatal rat spinal cord: in vitro study. <i>Neurologia Medico-Chirurgica</i> , 2005 , 45, 73-80, discussion 81	2.6	2
16	Neurorehabilitation of Spinal Cord Injury. <i>Neurorehabilitation and Neural Repair</i> , 1994 , 8, 3-9	4.7	2
15	Total phosphate determination in brain tissues: a method for regional determination of total phosphate in rat brain. <i>Central Nervous System Trauma: Journal of the American Paralysis Association</i> , 1987 , 4, 53-61		2
14	Excavating FAIR Data: the Case of the Multicenter Animal Spinal Cord Injury Study (MASCIS), Blood Pressure, and Neuro-Recovery. <i>Neuroinformatics</i> , 2021 , 1	3.2	2
13	Umbilical Cord Blood Mononuclear Cell Treatment for Neonatal Rats With Hypoxic Ischemia.. <i>Frontiers in Cellular Neuroscience</i> , 2022 , 16, 823320	6.1	2

12	Glutamine synthetase protects the spinal cord against hypoxia-induced and GABA(A) receptor-activated axonal depressions. <i>World Neurosurgery</i> , 2008 , 70, 122-8; discussion 128		1
11	Christopher Reeve: Activist and Friend of Science. <i>Journal of Neurotrauma</i> , 2005 , 22, 1-2	5.4	1
10	Effects of Methylprednisolone on Axonal Depression Induced by Hypoxia, ??-Aminobutyric Acid, and (??)-8-Hydroxy-Dipropylaminotetralin Hydrobromide. <i>Neurosurgery</i> , 2002 , 51, 1477-1483	3.2	1
9	Neurophysiological Mechanisms of Somatosensory-Evoked Potential Changes 1990 , 115-148		1
8	Myristoylated alanine-rich C-kinase substrate effector domain peptide improves sex-specific recovery and axonal regrowth after spinal cord injury. <i>FASEB Journal</i> , 2020 , 34, 12677-12690	0.9	1
7	Adhesion molecule L1 inhibition increases infarct size in cerebral ischemia-reperfusion without change in blood-brain barrier disruption. <i>Neurological Research</i> , 2021 , 43, 751-759	2.7	1
6	A new Hypoxic Ischemic Encephalopathy model in neonatal rats.. <i>Heliyon</i> , 2021 , 7, e08646	3.6	1
5	Methylprednisolone or tirilazad mesylate administration after acute spinal cord injury: 1-year follow up. <i>Neurosurgical Focus</i> , 1998 , 5, E1	4.2	0
4	Spinal cord injury clinical trials322-333		
3	The Immunohistochemical Characterization of Human Fetal Olfactory Bulb and Olfactory Ensheathing Cells in Culture as a Source for Clinical CNS Restoration. <i>Anatomical Record</i> , 2010 , 293, spc1 ^{2,1} spc1		
2	The MASCIS Spinal Cord Contusion Model. <i>Springer Series in Translational Stroke Research</i> , 2019 , 403-414 _{0.1}		
1	Spinal Cord and Peripheral Nerve Regeneration Current Research and Future Possibilities 2017 , 357-389		