Wise Young

List of Publications by Year in Descending Order

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	Umbilical Cord Blood Mononuclear Cell Treatment for Neonatal Rats With Hypoxic Ischemia.. *Frontiers in Cellular Neuroscience*, **2022**, 16, 823320	6.1	2
100	Excavating FAIR Data: the Case of the Multicenter Animal Spinal Cord Injury Study (MASCIS), Blood Pressure, and Neuro-Recovery. *Neuroinformatics*, **2021**, 1	3.2	2
99	Adhesion molecule L1 inhibition increases infarct size in cerebral ischemia-reperfusion without change in blood-brain barrier disruption. *Neurological Research*, **2021**, 43, 751-759	2.7	1
98	A new Hypoxic Ischemic Encephalopathy model in neonatal rats.. *Heliyon*, **2021**, 7, e08646	3.6	1
97	Clinical Neurorestorative Therapeutic Guidelines for Spinal Cord Injury (IANR/CANR version 2019). *Journal of Orthopaedic Translation*, **2020**, 20, 14-24	4.2	27
96	Myristoylated alanine-rich C-kinase substrate effector domain peptide improves sex-specific recovery and axonal regrowth after spinal cord injury. *FASEB Journal*, **2020**, 34, 12677-12690	0.9	1
95	Quantitative Analysis of SSEA3+ Cells from Human Umbilical Cord after Magnetic Sorting. *Cell Transplantation*, **2019**, 28, 907-923	4	11
94	The MASCIS Spinal Cord Contusion Model. *Springer Series in Translational Stroke Research*, **2019**, 403-414	0.1	
93	Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017). *Cell Transplantation*, **2018**, 27, 310-324	4	25
92	Future of Muse Cells. *Advances in Experimental Medicine and Biology*, **2018**, 1103, 309-315	3.6	3
91	Spinal Cord and Peripheral Nerve Regeneration Current Research and Future Possibilities **2017**, 357-389		
90	Rescuing macrophage normal function in spinal cord injury with embryonic stem cell conditioned media. *Molecular Brain*, **2016**, 9, 48	4.5	28
89	Spinal Microgliosis Due to Resident Microglial Proliferation Is Required for Pain Hypersensitivity after Peripheral Nerve Injury. *Cell Reports*, **2016**, 16, 605-14	10.6	123
88	Phase I-II Clinical Trial Assessing Safety and Efficacy of Umbilical Cord Blood Mononuclear Cell Transplant Therapy of Chronic Complete Spinal Cord Injury. *Cell Transplantation*, **2016**, 25, 1925-1943	4	64
87	Spinal Cord Regeneration **2015**, 383-399		2
86	Topological data analysis for discovery in preclinical spinal cord injury and traumatic brain injury. *Nature Communications*, **2015**, 6, 8581	17.4	113
85	Macrophages in spinal cord injury: phenotypic and functional change from exposure to myelin debris. *Glia*, **2015**, 63, 635-51	9	134

84	A comprehensive study of long-term skeletal changes after spinal cord injury in adult rats. *Bone Research*, **2015**, 3, 15028	13.3	20
83	Electrical stimulation and motor recovery. *Cell Transplantation*, **2015**, 24, 429-46	4	38
82	Flipping the transcriptional switch from myelin inhibition to axon growth in the CNS. *Frontiers in Molecular Neuroscience*, **2015**, 8, 34	6.1	3
81	A consistent, quantifiable, and graded rat lumbosacral spinal cord injury model. *Journal of Neurotrauma*, **2015**, 32, 875-92	5.4	22
80	Spinal cord regeneration. *Cell Transplantation*, **2014**, 23, 573-611	4	62
79	Embryonic Stem Cells Promoting Macrophage Survival and Function are Crucial for Teratoma Development. *Frontiers in Immunology*, **2014**, 5, 275	8.4	21
78	Plasma-depleted versus red cell-reduced umbilical cord blood. *Cell Transplantation*, **2014**, 23, 407-15	4	8
77	Managing inflammation after spinal cord injury through manipulation of macrophage function. *Neural Plasticity*, **2013**, 2013, 945034	3.3	76
76	Targeting mTOR as a novel therapeutic strategy for traumatic CNS injuries. *Drug Discovery Today*, **2012**, 17, 861-8	8.8	51
75	MIF produced by bone marrow-derived macrophages contributes to teratoma progression after embryonic stem cell transplantation. *Cancer Research*, **2012**, 72, 2867-78	10.1	35
74	Lithium promotes neural precursor cell proliferation: evidence for the involvement of the non-canonical GSK-3NF-AT signaling. *Cell and Bioscience*, **2011**, 1, 18	9.8	20
73	Lithium suppresses astrogliogenesis by neural stem and progenitor cells by inhibiting STAT3 pathway independently of glycogen synthase kinase 3 beta. *PLoS ONE*, **2011**, 6, e23341	3.7	31
72	The Immunohistochemical Characterization of Human Fetal Olfactory Bulb and Olfactory Ensheathing Cells in Culture as a Source for Clinical CNS Restoration. *Anatomical Record*, **2010**, 293, spc1-spc1	2.1	
71	Myelin activates FAK/Akt/NF-kappaB pathways and provokes CR3-dependent inflammatory response in murine system. *PLoS ONE*, **2010**, 5, e9380	3.7	72
70	Rapid induction of genes associated with tissue protection and neural development in contused adult spinal cord after radial glial cell transplantation. *Journal of Neurotrauma*, **2009**, 26, 979-93	5.4	14
69	Review of lithium effects on brain and blood. *Cell Transplantation*, **2009**, 18, 951-75	4	162
68	MASCIS Spinal Cord Contusion Model. *Springer Protocols*, **2009**, 411-421	0.3	12
67	Glutamine synthetase protects the spinal cord against hypoxia-induced and GABA(A) receptor-activated axonal depressions. *World Neurosurgery*, **2008**, 70, 122-8; discussion 128		1

66	Single, high-dose intraspinal injection of chondroitinase reduces glycosaminoglycans in injured spinal cord and promotes corticospinal axonal regrowth after hemisection but not contusion. *Journal of Neurotrauma*, **2008**, 25, 334-49	5.4	51
65	Early neurosurgical intervention of spinal cord contusion: an analysis of 30 cases. *Chinese Medical Journal*, **2008**, 121, 2473-2478	2.9	33
64	Osteopontin-deficient mice exhibit less inflammation, greater tissue damage, and impaired locomotor recovery from spinal cord injury compared with wild-type controls. *Journal of Neuroscience*, **2007**, 27, 3603-11	6.6	72
63	Effects of N-methyl-d-aspartate, glutamate, and glycine on the dorsal column axons of neonatal rat spinal cord: in vitro study. *Neurologia Medico-Chirurgica*, **2005**, 45, 73-80, discussion 81	2.6	2
62	Upregulation of complement inhibitors in association with vulnerable cells following contusion-induced spinal cord injury. *Journal of Neurotrauma*, **2005**, 22, 382-97	5.4	21
61	Christopher Reeve: Activist and Friend of Science. *Journal of Neurotrauma*, **2005**, 22, 1-2	5.4	1
60	Activation of complement pathways after contusion-induced spinal cord injury. *Journal of Neurotrauma*, **2004**, 21, 1831-46	5.4	85
59	Mediators of ischemic preconditioning identified by microarray analysis of rat spinal cord. *Experimental Neurology*, **2004**, 185, 81-96	5.7	54
58	Soluble cell adhesion molecule L1-Fc promotes locomotor recovery in rats after spinal cord injury. *Journal of Neurotrauma*, **2003**, 20, 871-82	5.4	85
57	Cytokine activity contributes to induction of inflammatory cytokine mRNAs in spinal cord following contusion. *Journal of Neuroscience Research*, **2002**, 68, 315-22	4.4	127
56	Effects of Methylprednisolone on Axonal Depression Induced by Hypoxia, ??-Aminobutyric Acid, and (??)-8-Hydroxy-Dipropylaminotetralin Hydrobromide. *Neurosurgery*, **2002**, 51, 1477-1483	3.2	1
55	Effects of Methylprednisolone on Axonal Depression Induced by Hypoxia, □Aminobutyric Acid, and (□)-8-Hydroxy-Dipropylaminotetralin Hydrobromide. *Neurosurgery*, **2002**, 51, 1477-1483	3.2	5
54	Spinal cord contusion models. *Progress in Brain Research*, **2002**, 137, 231-55	2.9	219
53	Gene expression profiling of acute spinal cord injury reveals spreading inflammatory signals and neuron loss. *Physiological Genomics*, **2001**, 7, 201-13	3.6	127
52	Regulation of Trk receptors following contusion of the rat spinal cord. *Experimental Neurology*, **2001**, 167, 15-26	5.7	90
51	Clinical measurement, statistical analysis, and risk-benefit: controversies from trials of spinal injury. *Journal of Trauma*, **2000**, 48, 558-61		25
50	Bridging the gap: from discovery to clinical trials in spinal cord injury. *Journal of Neurotrauma*, **2000**, 17, 1117-28	5.4	22
49	Molecular and Cellular Mechanisms of Spinal Cord Injury Therapies **2000**, 241-276		3

48	Therapeutic time window for methylprednisolone in spinal cord injured rat. *Yonsei Medical Journal*, **1999**, 40, 313-20	3	20
47	Role of glycemia in acute spinal cord injury. Data from a rat experimental model and clinical experience. *Annals of the New York Academy of Sciences*, **1999**, 890, 133-54	6.5	26
46	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. *Journal of Neurosurgery*, **1998**, 89, 699-706	3.2	381
45	Methylprednisolone or tirilazad mesylate administration after acute spinal cord injury: 1-year follow up. *Neurosurgical Focus*, **1998**, 5, E1	4.2	0
44	Xenotransplantation of transgenic oligodendrocyte-lineage cells into spinal cord-injured adult rats. *Experimental Neurology*, **1997**, 147, 172-82	5.7	29
43	International Standards for Neurological and Functional Classification of Spinal Cord Injury. American Spinal Injury Association. *Spinal Cord*, **1997**, 35, 266-74	2.7	1309
42	The recovery of 5-HT immunoreactivity in lumbosacral spinal cord and locomotor function after thoracic hemisection. *Experimental Neurology*, **1996**, 139, 203-13	5.7	130
41	Neurorehabilitation of Spinal Cord Injury. *Neurorehabilitation and Neural Repair*, **1994**, 8, 3-9	4.7	2
40	The effects of methylprednisolone and the ganglioside GM1 on acute spinal cord injury in rats. *Journal of Neurosurgery*, **1994**, 80, 97-111	3.2	268
39	The effects of arterial blood gas values on lesion volumes in a graded rat spinal cord contusion model. *Journal of Neurotrauma*, **1994**, 11, 547-62	5.4	25
38	Glucocorticoid therapy of spinal cord injury. *Annals of the New York Academy of Sciences*, **1994**, 743, 241-63; discussion 263-5	6.5	33
37	Effect of mianserin on locomotory function after thoracic spinal cord hemisection in rats. *Experimental Neurology*, **1994**, 129, 207-16	5.7	28
36	A role of GABAA receptors in hypoxia-induced conduction failure of neonatal rat spinal dorsal column axons. *Brain Research*, **1993**, 601, 14-9	3.7	19
35	Non-synaptic modulation of dorsal column conduction by endogenous GABA in neonatal rat spinal cord. *Brain Research*, **1993**, 622, 43-50	3.7	21
34	Methylprednisolone or naloxone treatment after acute spinal cord injury: 1-year follow-up data. Results of the second National Acute Spinal Cord Injury Study. *Journal of Neurosurgery*, **1992**, 76, 23-31	3.2	528
33	Rapid quantification of tissue damage for assessing acute spinal cord injury therapy. *Journal of Neurotrauma*, **1992**, 9, 151-3; discussion 153-5	5.4	5
32	Effect of pulsed electromagnetic fields on calcium tissue changes in focal ischaemia. *Neurological Research*, **1990**, 12, 95-8	2.7	5
31	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. *New England Journal of Medicine*, **1990**, 322, 1405-11	59.2	2242

30	Neurophysiological Mechanisms of Somatosensory-Evoked Potential Changes **1990**, 115-148		1
29	Axonal Morphometric Correlates of Evoked Potentials in Experimental Spinal Cord Injury **1990**, 87-113		3
28	Spinal cord sodium, potassium, calcium, and water concentration changes in rats after graded contusion injury. *Journal of Neurotrauma*, **1989**, 6, 13-24	5.4	91
27	Central axons in injured cat spinal cord recover electrophysiological function following remyelination by Schwann cells. *Journal of the Neurological Sciences*, **1989**, 91, 15-34	3.2	165
26	The post-injury responses in trauma and ischemia: secondary injury or protective mechanisms?. *Central Nervous System Trauma: Journal of the American Paralysis Association*, **1987**, 4, 27-51		46
25	Total phosphate determination in brain tissues: a method for regional determination of total phosphate in rat brain. *Central Nervous System Trauma: Journal of the American Paralysis Association* , **1987**, 4, 53-61		2
24	Tissue Na, K, and Ca changes in regional cerebral ischemia: their measurement and interpretation. *Central Nervous System Trauma: Journal of the American Paralysis Association*, **1986**, 3, 215-34		14
23	Ca paradox in neural injury: a hypothesis. *Central Nervous System Trauma: Journal of the American Paralysis Association*, **1986**, 3, 235-51		28
22	Balance reactions and eye-hand coordination in idiopathic scoliosis. *Journal of Orthopaedic Research* , **1986**, 4, 102-7	3.8	32
21	Potassium and calcium changes in injured spinal cords. *Brain Research*, **1986**, 365, 42-53	3.7	172
20	The role of calcium in spinal cord injury. *Central Nervous System Trauma: Journal of the American Paralysis Association*, **1985**, 2, 109-14		26
19	A phase I trial of naloxone treatment in acute spinal cord injury. *Journal of Neurosurgery*, **1985**, 63, 390-7	3.2	52
18	Methylprednisolone and neurological function 1 year after spinal cord injury. Results of the National Acute Spinal Cord Injury Study. *Journal of Neurosurgery*, **1985**, 63, 704-13	3.2	225
17	Somatosensory evoked potentials during spinal angiography and therapeutic transvascular embolization. *Journal of Neurosurgery*, **1984**, 60, 777-85	3.2	82
16	Somatosensory evoked potentials (SEPs) and cortical single unit responses elicited by mechanical tactile stimuli in awake monkeys. *Electroencephalography and Clinical Neurophysiology*, **1984**, 58, 537-52		48
15	The vestibulospinal free fall response: a test of descending function in spinal-injured cats. *Central Nervous System Trauma: Journal of the American Paralysis Association*, **1984**, 1, 139-59		8
14	Effect of sympathectomy on spinal blood flow autoregulation and posttraumatic ischemia. *Journal of Neurosurgery*, **1982**, 56, 706-10	3.2	34
13	Experimental Spinal Cord Injury. *Neurosurgery*, **1982**, 10, 227-231	3.2	61

12	Experimental Spinal Cord Injury. *Neurosurgery*, **1982**, 10, 227-231	3.2	79
11	Extracellular calcium ionic activity in experimental spinal cord contusion. *Brain Research*, **1982**, 253, 105-13	3.7	182
10	Effect of sympathectomy on extracellular potassium ionic activity and blood flow in experimental spinal cord contusion. *Brain Research*, **1982**, 253, 115-24	3.7	66
9	Effect of high-dose corticosteroid therapy on blood flow, evoked potentials, and extracellular calcium in experimental spinal injury. *Journal of Neurosurgery*, **1982**, 57, 667-73	3.2	253
8	Acute physiological effects of ultrasonic vibrations on nervous tissue. *Neurosurgery*, **1981**, 8, 689-94	3.2	43
7	Intraspinal localization of the somatosensory evoked potential. *Neurosurgery*, **1981**, 9, 157-62	3.2	51
6	Effect of naloxone on posttraumatic ischemia in experimental spinal contusion. *Journal of Neurosurgery*, **1981**, 55, 209-19	3.2	163
5	The role of the sympathetic nervous system in pressor responses induced by spinal injury. *Journal of Neurosurgery*, **1980**, 52, 473-81	3.2	22
4	Vestibulospinal monitoring in experimental spinal trauma. *Journal of Neurosurgery*, **1980**, 52, 64-72	3.2	25
3	Field potential analysis in elasmobranch cerebellum. *Brain Research*, **1980**, 199, 101-12	3.7	13
2	Spreading depression in elasmobranch cerebellum. *Brain Research*, **1980**, 199, 113-26	3.7	20
1	Spinal cord injury clinical trials322-333		