

Xiao-ming Xu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

145
papers

5,181
citations

40
h-index

66
g-index

151
ext. papers

5,902
ext. citations

5.6
avg, IF

5.61
L-index

#	Paper	IF	Citations
145	Compounds co-targeting kinases in axon regulatory pathways promote regeneration and behavioral recovery after spinal cord injury in mice.. <i>Experimental Neurology</i> , 2022 , 114117	5.7	0
144	Exploring propriospinal neuron-mediated neural circuit plasticity using recombinant viruses after spinal cord injury.. <i>Experimental Neurology</i> , 2021 , 349, 113962	5.7	0
143	In vivo reprogramming of NG2 glia enables adult neurogenesis and functional recovery following spinal cord injury. <i>Cell Stem Cell</i> , 2021 , 28, 923-937.e4	18	26
142	Human Schwann Cell Transplantation for Spinal Cord Injury: Prospects and Challenges in Translational Medicine. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 690894	6.1	7
141	Reprogramming an energetic AKT-PAK5 axis boosts axon energy supply and facilitates neuron survival and regeneration after injury and ischemia. <i>Current Biology</i> , 2021 , 31, 3098-3114.e7	6.3	5
140	Inhibition of Cytosolic Phospholipase A Has Neuroprotective Effects on Motoneuron and Muscle Atrophy after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2021 , 38, 1327-1337	5.4	17
139	Mitochondrial integrity in neuronal injury and repair. <i>Neural Regeneration Research</i> , 2021 , 16, 674-675	4.5	0
138	Laminin-coated multifilament entubulation, combined with Schwann cells and glial cell line-derived neurotrophic factor, promotes unidirectional axonal regeneration in a rat model of thoracic spinal cord hemisection. <i>Neural Regeneration Research</i> , 2021 , 16, 186-191	4.5	7
137	Aircraft noise, like heat stress, causes cognitive impairments via similar mechanisms in male mice. <i>Chemosphere</i> , 2021 , 274, 129739	8.4	1
136	Surgical intervention combined with weight-bearing walking training improves neurological recoveries in 320 patients with clinically complete spinal cord injury: a prospective self-controlled study. <i>Neural Regeneration Research</i> , 2021 , 16, 820-829	4.5	1
135	Myricetin against myocardial injury in rat heat stroke model. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 127, 110194	7.5	3
134	Spinal Cord Lateral Hemisection and Asymmetric Behavioral Assessments in Adult Rats. <i>Journal of Visualized Experiments</i> , 2020 ,	1.6	1
133	Restoring Cellular Energetics Promotes Axonal Regeneration and Functional Recovery after Spinal Cord Injury. <i>Cell Metabolism</i> , 2020 , 31, 623-641.e8	24.6	39
132	Disrupting nNOS-PSD95 Interaction Improves Neurological and Cognitive Recoveries after Traumatic Brain Injury. <i>Cerebral Cortex</i> , 2020 , 30, 3859-3871	5.1	14
131	Neurotrophin-3-mediated locomotor recovery: a novel therapeutic strategy targeting lumbar neural circuitry after spinal cord injury. <i>Neural Regeneration Research</i> , 2020 , 15, 2241-2242	4.5	1
130	Magnetic separation of peripheral nerve-resident cells underscores key molecular features of human Schwann cells and fibroblasts: an immunochemical and transcriptomics approach. <i>Scientific Reports</i> , 2020 , 10, 18433	4.9	9
129	Melatonin ameliorates spatial memory and motor deficits via preserving the integrity of cortical and hippocampal dendritic spine morphology in mice with neurotrauma. <i>Inflammopharmacology</i> , 2020 , 28, 1553-1566	5.1	4

128	Bisperoxovanadium Mediates Neuronal Protection through Inhibition of PTEN and Activation of PI3K/AKT-mTOR Signaling after Traumatic Spinal Injuries. <i>Journal of Neurotrauma</i> , 2019 , 36, 2676-2687	5.4	18
127	A Laser-Guided Spinal Cord Displacement Injury in Adult Mice. <i>Journal of Neurotrauma</i> , 2019 , 36, 460-468	5.4	5
126	Longitudinal Optogenetic Motor Mapping Revealed Structural and Functional Impairments and Enhanced Corticorubral Projection after Contusive Spinal Cord Injury in Mice. <i>Journal of Neurotrauma</i> , 2019 , 36, 485-499	5.4	6
125	Spinal Cord Lateral Hemisection and Implantation of Guidance Channels. <i>Springer Series in Translational Stroke Research</i> , 2019 , 513-520	0.1	
124	Method of Spinal Cord Contusion Injury Created by Tissue Displacement. <i>Springer Series in Translational Stroke Research</i> , 2019 , 475-485	0.1	
123	Descending motor circuitry required for NT-3 mediated locomotor recovery after spinal cord injury in mice. <i>Nature Communications</i> , 2019 , 10, 5815	17.4	18
122	Functional and Histological Gender Comparison of Age-Matched Rats after Moderate Thoracic Contusive Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2019 , 36, 1974-1984	5.4	17
121	Nanoladders Facilitate Directional Axonal Outgrowth and Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 1037-1045	5.5	3
120	History of Glial Cell Line-Derived Neurotrophic Factor (GDNF) and Its Use for Spinal Cord Injury Repair. <i>Brain Sciences</i> , 2018 , 8,	3.4	20
119	Pathophysiological and behavioral deficits in developing mice following rotational acceleration-deceleration traumatic brain injury. <i>DMM Disease Models and Mechanisms</i> , 2018 , 11,	4.1	13
118	Protective effects of gonadal hormones on spinal motoneurons following spinal cord injury. <i>Neural Regeneration Research</i> , 2018 , 13, 971-976	4.5	13
117	Remodeling of lumbar motor circuitry remote to a thoracic spinal cord injury promotes locomotor recovery. <i>ELife</i> , 2018 , 7,	8.9	31
116	Protective Effects of Estradiol and Dihydrotestosterone following Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2018 , 35, 825-841	5.4	14
115	Impact of Baseline Bleeding Risk on Efficacy and Safety of Ticagrelor versus Clopidogrel in Chinese Patients with Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention. <i>Chinese Medical Journal</i> , 2018 , 131, 2017-2024	2.9	11
114	Label-Free Vibrational Spectroscopic Imaging of Neuronal Membrane Potential. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 1932-1936	6.4	35
113	The mTOR Substrate S6 Kinase 1 (S6K1) Is a Negative Regulator of Axon Regeneration and a Potential Drug Target for Central Nervous System Injury. <i>Journal of Neuroscience</i> , 2017 , 37, 7079-7095	6.6	50
112	A Tissue Displacement-based Contusive Spinal Cord Injury Model in Mice. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	5
111	RhoA/Rho Kinase Mediates Neuronal Death Through Regulating cPLA Activation. <i>Molecular Neurobiology</i> , 2017 , 54, 6885-6895	6.2	22

110	[O40601]: SP1-MODULATING COMPOUNDS AS A NOVEL DRUG TARGET FOR ALZHEIMER'S DISEASE (AD) 2017 , 13, P1241-P1241		1
109	An In Vivo Duo-color Method for Imaging Vascular Dynamics Following Contusive Spinal Cord Injury. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	8
108	Increased threshold of short-latency motor evoked potentials in transgenic mice expressing Channelrhodopsin-2. <i>PLoS ONE</i> , 2017 , 12, e0178803	3.7	11
107	Optogenetics and its application in neural degeneration and regeneration. <i>Neural Regeneration Research</i> , 2017 , 12, 1197-1209	4.5	30
106	Anatomical and functional effects of lateral cervical hemicontusion in adult rats. <i>Restorative Neurology and Neuroscience</i> , 2016 , 34, 389-400	2.8	4
105	A Compact Blast-Induced Traumatic Brain Injury Model in Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016 , 75, 183-96	3.1	13
104	Characterization of dendritic morphology and neurotransmitter phenotype of thoracic descending propriospinal neurons after complete spinal cord transection and GDNF treatment. <i>Experimental Neurology</i> , 2016 , 277, 103-114	5.7	11
103	RhoA/Rho kinase in spinal cord injury. <i>Neural Regeneration Research</i> , 2016 , 11, 23-7	4.5	32
102	Automated monitoring of early neurobehavioral changes in mice following traumatic brain injury. <i>Neural Regeneration Research</i> , 2016 , 11, 248-56	4.5	12
101	Transplantation of Pro-Oligodendroblasts, Preconditioned by LPS-Stimulated Microglia, Promotes Recovery After Acute Contusive Spinal Cord Injury. <i>Cell Transplantation</i> , 2016 , 25, 2111-2128	4	4
100	A controlled spinal cord contusion for the rhesus macaque monkey. <i>Experimental Neurology</i> , 2016 , 279, 261-273	5.7	29
99	Unilateral microinjection of acrolein into thoracic spinal cord produces acute and chronic injury and functional deficits. <i>Neuroscience</i> , 2016 , 326, 84-94	3.9	14
98	The p53 Pathway Controls SOX2-Mediated Reprogramming in the Adult Mouse Spinal Cord. <i>Cell Reports</i> , 2016 , 17, 891-903	10.6	56
97	Schwann Cell-Mediated Axonal Regeneration in the Central Nervous System 2015 , 337-349		1
96	Advances and Challenges for Neural Regeneration Research 2015 , 3-17		4
95	Treadmill training induced lumbar motoneuron dendritic plasticity and behavior recovery in adult rats after a thoracic contusive spinal cord injury. <i>Experimental Neurology</i> , 2015 , 271, 368-78	5.7	37
94	Large animal and primate models of spinal cord injury for the testing of novel therapies. <i>Experimental Neurology</i> , 2015 , 269, 154-68	5.7	55
93	Schwann cell transplantation and descending propriospinal regeneration after spinal cord injury. <i>Brain Research</i> , 2015 , 1619, 104-14	3.7	25

92	A novel vertebral stabilization method for producing contusive spinal cord injury. <i>Journal of Visualized Experiments</i> , 2015 , e50149	1.6	11
91	The proliferation of amplifying neural progenitor cells is impaired in the aging brain and restored by the mTOR pathway activation. <i>Neurobiology of Aging</i> , 2015 , 36, 1716-1726	5.6	45
90	Biphasic bisperoxovanadium administration and Schwann cell transplantation for repair after cervical contusive spinal cord injury. <i>Experimental Neurology</i> , 2015 , 264, 163-72	5.7	11
89	Thermal nociception using a modified Hargreaves method in primates and humans. <i>Functional Neurology</i> , 2015 , 30, 229-36	2.2	5
88	Traumatic brain injury using mouse models. <i>Translational Stroke Research</i> , 2014 , 5, 454-71	7.8	51
87	Minimum information about a spinal cord injury experiment: a proposed reporting standard for spinal cord injury experiments. <i>Journal of Neurotrauma</i> , 2014 , 31, 1354-61	5.4	56
86	Surgical decompression in acute spinal cord injury: A review of clinical evidence, animal model studies, and potential future directions of investigation. <i>Frontiers in Biology</i> , 2014 , 9, 127-136		23
85	PTEN inhibitor bisperoxovanadium protects oligodendrocytes and myelin and prevents neuronal atrophy in adult rats following cervical hemicontusive spinal cord injury. <i>Neuroscience Letters</i> , 2014 , 573, 64-8	3.3	35
84	Long-term survival, axonal growth-promotion, and myelination of Schwann cells grafted into contused spinal cord in adult rats. <i>Experimental Neurology</i> , 2014 , 261, 308-19	5.7	26
83	A semicircular controlled cortical impact produces long-term motor and cognitive dysfunction that correlates well with damage to both the sensorimotor cortex and hippocampus. <i>Brain Research</i> , 2014 , 1576, 18-26	3.7	14
82	Cytosolic phospholipase A2 protein as a novel therapeutic target for spinal cord injury. <i>Annals of Neurology</i> , 2014 , 75, 644-58	9.4	54
81	Assessment of white matter loss using bond-selective photoacoustic imaging in a rat model of contusive spinal cord injury. <i>Journal of Neurotrauma</i> , 2014 , 31, 1998-2002	5.4	17
80	Cortical PKC inhibition promotes axonal regeneration of the corticospinal tract and forelimb functional recovery after cervical dorsal spinal hemisection in adult rats. <i>Cerebral Cortex</i> , 2014 , 24, 3069-79	5.1	20
79	Neuroprotective ferulic acid (FA)-glycol chitosan (GC) nanoparticles for functional restoration of traumatically injured spinal cord. <i>Biomaterials</i> , 2014 , 35, 2355-2364	15.6	72
78	Letter from Editors-in-Chief. <i>Neural Regeneration Research</i> , 2014 , 9, 5	4.5	
77	Dipping cells in acidic bath could make stem cells. <i>Neural Regeneration Research</i> , 2014 , 9, 575-6	4.5	
76	PTEN/PI3K and MAPK signaling in protection and pathology following CNS injuries. <i>Frontiers in Biology</i> , 2013 , 8, 421		30
75	A bilateral head injury that shows graded brain damage and behavioral deficits in adult mice. <i>Brain Research</i> , 2013 , 1499, 121-8	3.7	14

74	Nanomedicine for treating spinal cord injury. <i>Nanoscale</i> , 2013 , 5, 8821-36	7.7	49
73	A novel growth-promoting pathway formed by GDNF-overexpressing Schwann cells promotes propriospinal axonal regeneration, synapse formation, and partial recovery of function after spinal cord injury. <i>Journal of Neuroscience</i> , 2013 , 33, 5655-67	6.6	95
72	Correlation between electrophysiological properties, morphological maturation, and olig gene changes during postnatal motor tract development. <i>Developmental Neurobiology</i> , 2013 , 73, 713-22	3.2	6
71	Demonstrating efficacy in preclinical studies of cellular therapies for spinal cord injury - how much is enough?. <i>Experimental Neurology</i> , 2013 , 248, 30-44	5.7	42
70	Axonal and glial responses to a mid-thoracic spinal cord hemisection in the Macaca fascicularis monkey. <i>Journal of Neurotrauma</i> , 2013 , 30, 826-39	5.4	15
69	Cotransplantation of glial restricted precursor cells and Schwann cells promotes functional recovery after spinal cord injury. <i>Cell Transplantation</i> , 2013 , 22, 2219-36	4	20
68	Controlled cervical laceration injury in mice. <i>Journal of Visualized Experiments</i> , 2013 , e50030	1.6	10
67	Anterograde Axonal Tract Tracing. <i>Springer Protocols</i> , 2012 , 461-486	0.3	2
66	Retrograde Axonal Tract Tracing. <i>Springer Protocols</i> , 2012 , 443-460	0.3	
65	Systemic bisperoxovanadium activates Akt/mTOR, reduces autophagy, and enhances recovery following cervical spinal cord injury. <i>PLoS ONE</i> , 2012 , 7, e30012	3.7	108
64	A novel first aid stretcher for immobilization and transportation of spine injured patients. <i>PLoS ONE</i> , 2012 , 7, e39544	3.7	5
63	Neuroprotective effects of testosterone on motoneuron and muscle morphology following spinal cord injury. <i>Journal of Comparative Neurology</i> , 2012 , 520, 2683-96	3.4	43
62	Cervical central canal occlusion induces noncommunicating syringomyelia. <i>Neurosurgery</i> , 2012 , 71, 126-37.2	3.2	6
61	Breaking news in spinal cord injury research: FDA approved phase I clinical trial of human, autologous schwann cell transplantation in patients with spinal cord injuries. <i>Neural Regeneration Research</i> , 2012 , 7, 1685-7	4.5	6
60	Neuroprotection and its molecular mechanism following spinal cord injury. <i>Neural Regeneration Research</i> , 2012 , 7, 2051-62	4.5	32
59	Morphological Assessments Following Spinal Cord Injury. <i>Springer Protocols</i> , 2012 , 405-416	0.3	
58	GDNF modifies reactive astrogliosis allowing robust axonal regeneration through Schwann cell-seeded guidance channels after spinal cord injury. <i>Experimental Neurology</i> , 2011 , 229, 238-50	5.7	85
57	Combined NgR vaccination and neural stem cell transplantation promote functional recovery after spinal cord injury in adult rats. <i>Neuropathology and Applied Neurobiology</i> , 2011 , 37, 135-55	5.2	22

56	Inhibition of cPLA2 activation by Ginkgo biloba extract protects spinal cord neurons from glutamate excitotoxicity and oxidative stress-induced cell death. <i>Journal of Neurochemistry</i> , 2011 , 116, 1057-65	6	37
55	Inhibitor of DNA binding 2 promotes sensory axonal growth after SCI. <i>Experimental Neurology</i> , 2011 , 231, 38-44	5.7	28
54	MicroRNA in central nervous system trauma and degenerative disorders. <i>Physiological Genomics</i> , 2011 , 43, 571-80	3.6	88
53	Characterizing phospholipase A2-induced spinal cord injury-a comparison with contusive spinal cord injury in adult rats. <i>Translational Stroke Research</i> , 2011 , 2, 608-18	7.8	8
52	Translational research in neurotrauma: novel mechanisms and emerging therapies. <i>Translational Stroke Research</i> , 2011 , 2, 425-6	7.8	
51	Suppression of inflammatory and neuropathic pain by uncoupling CRMP-2 from the presynaptic Ca ²⁺ channel complex. <i>Nature Medicine</i> , 2011 , 17, 822-9	50.5	175
50	Longitudinal in vivo coherent anti-Stokes Raman scattering imaging of demyelination and remyelination in injured spinal cord. <i>Journal of Biomedical Optics</i> , 2011 , 16, 106012	3.5	44
49	Preferential and bidirectional labeling of the rubrospinal tract with adenovirus-GFP for monitoring normal and injured axons. <i>Journal of Neurotrauma</i> , 2011 , 28, 635-47	5.4	9
48	Transplantation of ciliary neurotrophic factor-expressing adult oligodendrocyte precursor cells promotes remyelination and functional recovery after spinal cord injury. <i>Journal of Neuroscience</i> , 2010 , 30, 2989-3001	6.6	166
47	Glutamine synthetase down-regulation reduces astrocyte protection against glutamate excitotoxicity to neurons. <i>Neurochemistry International</i> , 2010 , 56, 577-84	4.4	122
46	Phospholipase A2 and its molecular mechanism after spinal cord injury. <i>Molecular Neurobiology</i> , 2010 , 41, 197-205	6.2	40
45	Glial response and myelin clearance in areas of wallerian degeneration after spinal cord hemisection in the monkey <i>Macaca fascicularis</i> . <i>Journal of Neurotrauma</i> , 2009 , 26, 2083-96	5.4	17
44	Temporospatial expression and cellular localization of oligodendrocyte myelin glycoprotein (OMgp) after traumatic spinal cord injury in adult rats. <i>Journal of Neurotrauma</i> , 2009 , 26, 2299-311	5.4	16
43	Transplantation-mediated strategies to promote axonal regeneration following spinal cord injury. <i>Respiratory Physiology and Neurobiology</i> , 2009 , 169, 171-82	2.8	33
42	Chondroitin sulfate proteoglycans regulate the growth, differentiation and migration of multipotent neural precursor cells through the integrin signaling pathway. <i>BMC Neuroscience</i> , 2009 , 10, 128	3.2	59
41	GDNF-enhanced axonal regeneration and myelination following spinal cord injury is mediated by primary effects on neurons. <i>Glia</i> , 2009 , 57, 1178-91	9	130
40	Differential expression of sPLA2 following spinal cord injury and a functional role for sPLA2-IIA in mediating oligodendrocyte death. <i>Glia</i> , 2009 , 57, 1521-37	9	32
39	Effects of extracellular matrix molecules on the growth properties of oligodendrocyte progenitor cells in vitro. <i>Journal of Neuroscience Research</i> , 2009 , 87, 2854-62	4.4	44

38	Egb761 protects hydrogen peroxide-induced death of spinal cord neurons through inhibition of intracellular ROS production and modulation of apoptotic regulating genes. <i>Journal of Molecular Neuroscience</i> , 2009 , 38, 103-13	3.3	20
37	Glial and axonal responses in areas of Wallerian degeneration of the corticospinal and dorsal ascending tracts after spinal cord dorsal funiculotomy. <i>Neuropathology</i> , 2009 , 29, 230-41	2	28
36	Fully automated synthesis and initial PET evaluation of [11C]PBR28. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 5636-9	2.9	39
35	Oligodendrocyte precursor cells differentially expressing Nogo-A but not MAG are more permissive to neurite outgrowth than mature oligodendrocytes. <i>Experimental Neurology</i> , 2009 , 217, 184-96	5.7	15
34	Altered microRNA expression following traumatic spinal cord injury. <i>Experimental Neurology</i> , 2009 , 219, 424-9	5.7	220
33	Spinal Cord Lateral Hemisection and Implantation of Guidance Channels. <i>Springer Protocols</i> , 2009 , 479-486		
32	Immunization with recombinant Nogo-66 receptor (NgR) promotes axonal regeneration and recovery of function after spinal cord injury in rats. <i>Neurobiology of Disease</i> , 2008 , 32, 535-42	7.5	46
31	Effects of autoimmunity on recovery of function in adult rats following spinal cord injury. <i>Brain, Behavior, and Immunity</i> , 2008 , 22, 1217-30	16.6	30
30	Role of secretory phospholipase a(2) in CNS inflammation: implications in traumatic spinal cord injury. <i>CNS and Neurological Disorders - Drug Targets</i> , 2008 , 7, 254-69	2.6	28
29	Repulsive Wnt signaling inhibits axon regeneration after CNS injury. <i>Journal of Neuroscience</i> , 2008 , 28, 8376-82	6.6	121
28	Abnormal growth of the corticospinal axons into the lumbar spinal cord of the hyt/hyt mouse with congenital hypothyroidism. <i>Journal of Neuroscience Research</i> , 2008 , 86, 3126-39	4.4	5
27	Use of magnetic stimulation to elicit motor evoked potentials, somatosensory evoked potentials, and H-reflexes in non-sedated rodents. <i>Journal of Neuroscience Methods</i> , 2007 , 165, 9-17	3	30
26	Expression and regulation of versican in neural precursor cells and their lineages. <i>Acta Pharmacologica Sinica</i> , 2007 , 28, 1519-30	8	17
25	DNA vaccine against NgR promotes functional recovery after spinal cord injury in adult rats. <i>Brain Research</i> , 2007 , 1147, 66-76	3.7	18
24	Annexin A1 reduces inflammatory reaction and tissue damage through inhibition of phospholipase A2 activation in adult rats following spinal cord injury. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007 , 66, 932-43	3.1	40
23	Focal phospholipases A2 group III injections induce cervical white matter injury and functional deficits with delayed recovery concomitant with Schwann cell remyelination. <i>Experimental Neurology</i> , 2007 , 207, 150-62	5.7	34
22	Interleukin-1beta mediates proliferation and differentiation of multipotent neural precursor cells through the activation of SAPK/JNK pathway. <i>Molecular and Cellular Neurosciences</i> , 2007 , 36, 343-54	4.8	108
21	Methods for isolating highly-enriched embryonic spinal cord neurons: a comparison between enzymatic and mechanical dissociations. <i>Journal of Neuroscience Methods</i> , 2006 , 158, 13-8	3	30

20	Development of the corticospinal tract in the mouse spinal cord: a quantitative ultrastructural analysis. <i>Brain Research</i> , 2006 , 1084, 16-27	3.7	29
19	Gene delivery to the spinal cord: comparison between lentiviral, adenoviral, and retroviral vector delivery systems. <i>Journal of Neuroscience Research</i> , 2006 , 84, 553-67	4.4	55
18	A novel role of phospholipase A2 in mediating spinal cord secondary injury. <i>Annals of Neurology</i> , 2006 , 59, 606-19	9.4	126
17	Schwann cell transplantation for repair of the adult spinal cord. <i>Journal of Neurotrauma</i> , 2006 , 23, 453-67	6.4	186
16	Dural repair reduces connective tissue scar invasion and cystic cavity formation after acute spinal cord laceration injury in adult rats. <i>Journal of Neurotrauma</i> , 2006 , 23, 853-65	5.4	64
15	beta-tubulin is a more suitable internal control than beta-actin in western blot analysis of spinal cord tissues after traumatic injury. <i>Journal of Neurotrauma</i> , 2006 , 23, 1794-801	5.4	57
14	Expression and localization of p80 interleukin-1 receptor protein in the rat spinal cord. <i>Journal of Molecular Neuroscience</i> , 2006 , 29, 45-53	3.3	8
13	Upregulation of type I interleukin-1 receptor after traumatic spinal cord injury in adult rats. <i>Acta Neuropathologica</i> , 2006 , 111, 220-8	14.3	28
12	Functional recovery in traumatic spinal cord injury after transplantation of multilineurotrophin-expressing glial-restricted precursor cells. <i>Journal of Neuroscience</i> , 2005 , 25, 6947-57	6.6	252
11	Functional and electrophysiological changes after graded traumatic spinal cord injury in adult rat. <i>Experimental Neurology</i> , 2005 , 191 Suppl 1, S3-S16	5.7	137
10	Temporal and spatial distribution of growth-associated molecules and astroglial cells in the rat corticospinal tract during development. <i>Journal of Neuroscience Research</i> , 2005 , 80, 330-40	4.4	22
9	Early profiles of axonal growth and astroglial response after spinal cord hemisection and implantation of Schwann cell-seeded guidance channels in adult rats. <i>Journal of Neuroscience Research</i> , 2005 , 82, 472-83	4.4	26
8	Induction of rat neural stem cells into oligodendrocyte precursor cells. <i>Acta Physiologica Sinica</i> , 2005 , 57, 132-8	1.3	4
7	PKC mediates inhibitory effects of myelin and chondroitin sulfate proteoglycans on axonal regeneration. <i>Nature Neuroscience</i> , 2004 , 7, 261-8	25.5	270
6	Upregulation of annexins I, II, and V after traumatic spinal cord injury in adult rats. <i>Journal of Neuroscience Research</i> , 2004 , 77, 391-401	4.4	41
5	Differential gene expression in neural stem cells and oligodendrocyte precursor cells: a cDNA microarray analysis. <i>Journal of Neuroscience Research</i> , 2004 , 78, 637-46	4.4	43
4	A neuroprotective role of glial cell line-derived neurotrophic factor following moderate spinal cord contusion injury. <i>Experimental Neurology</i> , 2004 , 189, 317-32	5.7	79
3	Dural closure, cord approximation, and clot removal: enhancement of tissue sparing in a novel laceration spinal cord injury model. <i>Journal of Neurosurgery: Spine</i> , 2004 , 100, 343-52	2.8	28

- 2 Expression of the type 1 and type 2 receptors for tumor necrosis factor after traumatic spinal cord injury in adult rats. *Experimental Neurology*, **2003**, 183, 286-97 5-7 54
- 1 Glial Response and Delayed Myelin Clearance in Area of Wallerian Degeneration after Spinal Cord Hemisection in the Monkey (*Macaca Fascicularis*). *Journal of Neurotrauma*, 110306202455053 5-4