Lyn B Jakeman

List of Publications by Year
in descending order

53 papers	6,827 citations	134610 34 h-index	206121 51 g-index
53 all docs	53 docs citations	53 times ranked	7019 citing authors

#	Article	IF	Citations
1	Promoting FAIR Data Through Community-driven Agile Design: the Open Data Commons for Spinal Cord Injury (odc-sci.org). Neuroinformatics, 2022, 20, 203-219.	1.5	10
2	FAIR SCI Ahead: The Evolution of the Open Data Commons for Pre-Clinical Spinal Cord Injury Research. Journal of Neurotrauma, 2020, 37, 831-838.	1.7	27
3	Recommendations for evaluation of neurogenic bladder and bowel dysfunction after spinal cord injury and/or disease. Journal of Spinal Cord Medicine, 2020, 43, 141-164.	0.7	44
4	The Ohio State University ESCID Spinal Cord Contusion Model. Springer Series in Translational Stroke Research, 2019, , 415-429.	0.1	0
5	Epidural Spinal Stimulation to Improve Bladder, Bowel, and Sexual Function in Individuals With Spinal Cord Injuries: A Framework for Clinical Research. IEEE Transactions on Biomedical Engineering, 2017, 64, 253-262.	2.5	40
6	National Institutes of Health Research Plan on Rehabilitation. Archives of Physical Medicine and Rehabilitation, 2017, 98, e1-e4.	0.5	4
7	Translational Stroke Research. Stroke, 2017, 48, 2632-2637.	1.0	108
8	Developing a data sharing community for spinal cord injury research. Experimental Neurology, 2017, 295, 135-143.	2.0	48
9	Harmonization of Databases: A Step for Advancing the Knowledge About Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2016, 97, 1805-1818.	0.5	30
10	Fetal Spinal Cord Transplantation after Spinal Cord Injury. , 2015, , 351-365.		5
11	Large animal and primate models of spinal cord injury for the testing of novel therapies. Experimental Neurology, 2015, 269, 154-168.	2.0	75
12	Independent evaluation of the anatomical and behavioral effects of Taxol in rat models of spinal cord injury. Experimental Neurology, 2014, 261, 97-108.	2.0	48
13	In the presence of danger: the extracellular matrix defensive response to central nervous system injury. Neural Regeneration Research, 2014, 9, 377.	1.6	11
14	Elevated MMP-9 in the Lumbar Cord Early after Thoracic Spinal Cord Injury Impedes Motor Relearning in Mice. Journal of Neuroscience, 2013, 33, 13101-13111.	1.7	62
15	The impact of myelination on axon sparing and locomotor function recovery in spinal cord injury assessed using diffusion tensor imaging. NMR in Biomedicine, 2013, 26, 1484-1495.	1.6	18
16	Alterations in chondroitin sulfate proteoglycan expression occur both at and far from the site of spinal contusion injury. Experimental Neurology, 2012, 235, 174-187.	2.0	90
17	A reassessment of a classic neuroprotective combination therapy for spinal cord injured rats: LPS/pregnenolone/indomethacin. Experimental Neurology, 2012, 233, 677-685.	2.0	31
18	Assessment of Lesion and Tissue Sparing Volumes Following Spinal Cord Injury. Springer Protocols, 2012, , 417-442.	0.1	6

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19	Transforming Growth Factor Î± Transforms Astrocytes to a Growth-Supportive Phenotype after Spinal Cord Injury. Journal of Neuroscience, 2011, 31, 15173-15187.	1.7	58
20	Injured mice at the gym: Review, results and considerations for combining chondroitinase and locomotor exercise to enhance recovery after spinal cord injury. Brain Research Bulletin, 2011, 84, 317-326.	1.4	31
21	Regional heterogeneity in astrocyte responses following contusive spinal cord injury in mice. Journal of Comparative Neurology, 2010, 518, 1370-1390.	0.9	87
22	Progranulin expression is upregulated after spinal contusion in mice. Acta Neuropathologica, 2010, 119, 123-133.	3.9	63
23	Aberrant sensory responses are dependent on lesion severity after spinal cord contusion injury in mice. Pain, 2010, 148, 328-342.	2.0	36
24	Sensory Stimulation Prior to Spinal Cord Injury Induces Post-Injury Dysesthesia in Mice. Journal of Neurotrauma, 2010, 27, 777-787.	1.7	11
25	L1 cell adhesion molecule is essential for the maintenance of hyperalgesia after spinal cord injury. Experimental Neurology, 2009, 216, 22-34.	2.0	29
26	The Ohio State University ESCID Spinal Cord Contusion Model. Springer Protocols, 2009, , 433-447.	0.1	4
27	Modulating Sema3A signal with a L1 mimetic peptide is not sufficient to promote motor recovery and axon regeneration after spinal cord injury. Molecular and Cellular Neurosciences, 2008, 37, 222-235.	1.0	20
28	TGF-Î± increases astrocyte invasion and promotes axonal growth into the lesion following spinal cord injury in mice. Experimental Neurology, 2008, 214, 10-24.	2.0	61
29	CRMP3 is required for hippocampal CA1 dendritic organization and plasticity. FASEB Journal, 2008, 22, 401-409.	0.2	62
30	Don't fence me in: harnessing the beneficial roles of astrocytes for spinal cord repair. Restorative Neurology and Neuroscience, 2008, 26, 197-214.	0.4	91
31	Basso Mouse Scale for Locomotion Detects Differences in Recovery after Spinal Cord Injury in Five Common Mouse Strains. Journal of Neurotrauma, 2006, 23, 635-659.	1.7	1,253
32	Mice lacking L1 cell adhesion molecule have deficits in locomotion and exhibit enhanced corticospinal tract sprouting following mild contusion injury to the spinal cord. European Journal of Neuroscience, 2006, 23, 1997-2011.	1.2	36
33	Operant Conditioning of H-Reflex Can Correct a Locomotor Abnormality after Spinal Cord Injury in Rats. Journal of Neuroscience, 2006, 26, 12537-12543.	1.7	103
34	The Interaction of a New Motor Skill and an Old One: H-Reflex Conditioning and Locomotion in Rats. Journal of Neuroscience, 2005, 25, 6898-6906.	1.7	59
35	Enhanced axonal growth into a spinal cord contusion injury site in a strain of mouse (129X1/SvJ) with a diminished inflammatory response. Journal of Comparative Neurology, 2004, 474, 469-486.	0.9	66
36	Bone marrow transplants provide tissue protection and directional guidance for axons after contusive spinal cord injury in rats. Experimental Neurology, 2004, 190, 17-31.	2.0	240

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37	Corticospinal tract transection reduces H-reflex circadian rhythm in rats. Brain Research, 2002, 942, 101-108.	1.1	17
38	Monocyte recruitment and myelin removal are delayed following spinal cord injury in mice with CCR2 chemokine receptor deletion. Journal of Neuroscience Research, 2002, 68, 691-702.	1.3	107
39	Behavioral and Histological Outcomes Following Graded Spinal Cord Contusion Injury in the C57Bl/6 Mouse. Experimental Neurology, 2001, 169, 239-254.	2.0	216
40	Pegylated Brain-Derived Neurotrophic Factor Shows Improved Distribution into the Spinal Cord and Stimulates Locomotor Activity and Morphological Changes after Injury. Experimental Neurology, 2001, 170, 85-100.	2.0	78
41	Strategies for spinal cord injury repair. Progress in Brain Research, 2000, 128, 3-8.	0.9	34
42	Traumatic Spinal Cord Injury Produced by Controlled Contusion in Mouse. Journal of Neurotrauma, 2000, 17, 299-319.	1.7	187
43	Operant Conditioning of H-Reflex Increase in Spinal Cordâ€"Injured Rats. Journal of Neurotrauma, 1999, 16, 175-186.	1.7	30
44	Brain-Derived Neurotrophic Factor Stimulates Hindlimb Stepping and Sprouting of Cholinergic Fibers after Spinal Cord Injury. Experimental Neurology, 1998, 154, 170-184.	2.0	194
45	A Novel Tetrodotoxin-sensitive, Voltage-gated Sodium Channel Expressed in Rat and Human Dorsal Root Ganglia. Journal of Biological Chemistry, 1997, 272, 14805-14809.	1.6	246
46	Distribution of Radioiodinated Recombinant Human Nerve Growth Factor in Primate Brain Following Intracerebroventricular Infusion. Experimental Neurology, 1996, 140, 151-160.	2.0	31
47	Structure and Function of a Novel Voltage-gated, Tetrodotoxin-resistant Sodium Channel Specific to Sensory Neurons. Journal of Biological Chemistry, 1996, 271, 5953-5956.	1.6	393
48	Operant Conditioning of H-Reflex in Spinal Cord-Injured Rats. Journal of Neurotrauma, 1996, 13, 755-766.	1.7	84
49	The 5-hydroxytryptamine (5-HT)7receptor. Expert Opinion on Investigational Drugs, 1994, 3, 175-177.	1.9	8
50	Molecular and Biological Properties of the Vascular Endothelial Growth Factor Family of Proteins. Endocrine Reviews, 1992, 13, 18-32.	8.9	1,494
51	The vascular endothelial growth factor family of polypeptides. Journal of Cellular Biochemistry, 1991, 47, 211-218.	1.2	542
52	Axonal projections between fetal spinal cord transplants and the adult rat spinal cord: A neuroanatomical tracing study of local interactions. Journal of Comparative Neurology, 1991, 307, 311-334.	0.9	159
53	Chapter 21 Transplantation of fetal spinal cord tissue into acute and chronic hemisection and contusion lesions of the adultrat spinal cord. Progress in Brain Research, 1988, 78, 173-179.	0.9	40