Lawrence Moon

List of Publications by Year
in descending order

59 papers	6,938 citations	201575 27 h-index	143943 57 g-index
68 all docs	68 docs citations	68 times ranked	9443 citing authors

#	Article	IF	Citations
1	Chondroitinase ABC promotes functional recovery after spinal cord injury. Nature, 2002, 416, 636-640.	13.7	2,090
2	Experimental design and analysis and their reporting: new guidance for publication in <scp>BJP</scp>. British Journal of Pharmacology, 2015, 172, 3461-3471.	2.7	981
3	Therapeutic interventions after spinal cord injury. Nature Reviews Neuroscience, 2006, 7, 628-643.	4.9	893
4	Regeneration of CNS axons back to their target following treatment of adult rat brain with chondroitinase ABC. Nature Neuroscience, 2001, 4, 465-466.	7.1	515
5	CCL2 is a key mediator of microglia activation in neuropathic pain states. European Journal of Pain, 2009, 13, 263-272.	1.4	283
6	Chondroitin sulphate proteoglycans: inhibitory components of the glial scar. Progress in Brain Research, 2001, 132, 611-619.	0.9	167
7	Labeled Schwann cell transplantation: Cell loss, host Schwann cell replacement, and strategies to enhance survival. Glia, 2006, 53, 338-343.	2.5	142
8	Poly (d,l-lactic acid) macroporous guidance scaffolds seeded with Schwann cells genetically modified to secrete a bi-functional neurotrophin implanted in the completely transected adult rat thoracic spinal cord. Biomaterials, 2006, 27, 430-442.	5.7	128
9	The IMPROVE Guidelines (Ischaemia Models: Procedural Refinements Of in Vivo Experiments). Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 3488-3517.	2.4	128
10	Delayed treatment with chondroitinase ABC promotes sensorimotor recovery and plasticity after stroke in aged rats. Brain, 2012, 135, 1210-1223.	3.7	105
11	Reduction in CNS scar formation without concomitant increase in axon regeneration following treatment of adult rat brain with a combination of antibodies to TGFÎ²1and Î²2. European Journal of Neuroscience, 2001, 14, 1667-1677.	1.2	95
12	Spatial and temporal gene expression profiling of the contused rat spinal cord. Experimental Neurology, 2004, 189, 204-221.	2.0	93
13	Relationship between sprouting axons, proteoglycans and glial cells following unilateral nigrostriatal axotomy in the adult rat. Neuroscience, 2002, 109, 101-117.	1.1	90
14	Analysis of longitudinal data from animals with missing values using SPSS. Nature Protocols, 2016, 11, 1112-1129.	5.5	79
15	Cbp-dependent histone acetylation mediates axon regeneration induced by environmental enrichment in rodent spinal cord injury models. Science Translational Medicine, 2019, 11, .	5.8	79
16	Inhibiting cell proliferation during formation of the glial scar: effects on axon regeneration in the CNS. Neuroscience, 2003, 120, 41-56.	1.1	75
17	Minimum Information about a Spinal Cord Injury Experiment: A Proposed Reporting Standard for Spinal Cord Injury Experiments. Journal of Neurotrauma, 2014, 31, 1354-1361.	1.7	74
18	The Experimental Design Assistant. PLoS Biology, 2017, 15, e2003779.	2.6	69

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19	Corticospinal tract transduction: a comparison of seven adeno-associated viral vector serotypes and a non-integrating lentiviral vector. Gene Therapy, 2012, 19, 49-60.	2.3	63
20	Limited growth of severed CNS axons after treatment of adult rat brain with hyaluronidase. Journal of Neuroscience Research, 2003, 71, 23-37.	1.3	59
21	Robust Regeneration of CNS Axons through a Track Depleted of CNS Glia. Experimental Neurology, 2000, 161, 49-66.	2.0	57
22	Sustained sensorimotor impairments after endothelin-1 induced focal cerebral ischemia (stroke) in aged rats. Experimental Neurology, 2010, 222, 13-24.	2.0	55
23	Delayed intramuscular human neurotrophin-3 improves recovery in adult and elderly rats after stroke. Brain, 2016, 139, 259-275.	3.7	50
24	Refining rodent models of spinal cord injury. Experimental Neurology, 2020, 328, 113273.	2.0	36
25	Efficient gene expression from integration-deficient lentiviral vectors in the spinal cord. Gene Therapy, 2013, 20, 645-657.	2.3	35
26	From Animal Models to Humans. Journal of Neurologic Physical Therapy, 2005, 29, 55-69.	0.7	34
27	The Experimental Design Assistant. Nature Methods, 2017, 14, 1024-1025.	9.0	32
28	Chromatolysis: Do injured axons regenerate poorly when ribonucleases attack rough endoplasmic reticulum, ribosomes and RNA?. Developmental Neurobiology, 2018, 78, 1011-1024.	1.5	31
29	categoryCompare, an analytical tool based on feature annotations. Frontiers in Genetics, 2014, 5, 98.	1.1	29
30	The Adaptor Protein CD2AP Is a Coordinator of Neurotrophin Signaling-Mediated Axon Arbor Plasticity. Journal of Neuroscience, 2016, 36, 4259-4275.	1.7	27
31	Lentiviral Vector-Mediated RNA Silencing in the Central Nervous System. Human Gene Therapy Methods, 2014, 25, 14-32.	2.1	25
32	Stroke recovery in rats after 24hâ€delayed, intramuscular neurotrophinâ€3 infusion. Annals of Neurology, 2018, 85, 32-46.	2.8	25
33	Intramuscular Neurotrophin-3 normalizes low threshold spinal reflexes, reduces spasms and improves mobility after bilateral corticospinal tract injury in rats. ELife, 2016, 5, .	2.8	25
34	Peripheral Nervous System Genes Expressed in Central Neurons Induce Growth on Inhibitory Substrates. PLoS ONE, 2012, 7, e38101.	1.1	22
35	The Function of FGFR1 Signalling in the Spinal Cord: Therapeutic Approaches Using FGFR1 Ligands after Spinal Cord Injury. Neural Plasticity, 2017, 2017, 1-13.	1.0	22
36	Will stem cell therapies be safe and effective for treating spinal cord injuries?. British Medical Bulletin, 2011, 98, 127-142.	2.7	20

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37	Clarification of the basis for the selection of requirements for publication in the <i>British Journal of Pharmacology</i>. British Journal of Pharmacology, 2018, 175, 3633-3635.	2.7	20
38	Motor enrichment sustains hindlimb movement recovered after spinal cord injury and glial transplantation. Restorative Neurology and Neuroscience, 2006, 24, 147-61.	0.4	20
39	Therapeutics Targeting Nogo-A Hold Promise for Stroke Restoration. CNS and Neurological Disorders - Drug Targets, 2013, 12, 200-208.	0.8	18
40	Lentiviral vectors encoding short hairpin RNAs efficiently transduce and knockdown LINGOâ€1 but induce an interferon response and cytotoxicity in central nervous system neurones. Journal of Gene Medicine, 2012, 14, 299-315.	1.4	17
41	Unilateral Pyramidotomy of the Corticospinal Tract in Rats for Assessment of Neuroplasticity-inducing Therapies. Journal of Visualized Experiments, 2014, , .	0.2	16
42	Trans-neuronal transduction of spinal neurons following cortical injection and anterograde axonal transport of a bicistronic AAV1 vector. Gene Therapy, 2016, 23, 231-236.	2.3	15
43	Transcriptional changes in sensory ganglia associated with primary afferent axon collateral sprouting in spared dermatome model. Genomics Data, 2015, 6, 249-252.	1.3	14
44	Optimization of a 96-Well Electroporation Assay for Postnatal Rat CNS Neurons Suitable for Costâ€"Effective Medium-Throughput Screening of Genes that Promote Neurite Outgrowth. Frontiers in Molecular Neuroscience, 2011, 4, 55.	1.4	12
45	Performing Permanent Distal Middle Cerebral with Common Carotid Artery Occlusion in Aged Rats to Study Cortical Ischemia with Sustained Disability. Journal of Visualized Experiments, 2016, , 53106.	0.2	11
46	Overexpression of the Fibroblast Growth Factor Receptor 1 (FGFR1) in a Model of Spinal Cord Injury in Rats. PLoS ONE, 2016, 11, e0150541.	1.1	9
47	RNA sequencing dataset describing transcriptional changes in cervical dorsal root ganglia after bilateral pyramidotomy and forelimb intramuscular gene therapy with an adeno-associated viral vector encoding human neurotrophin-3. Data in Brief, 2018, 21, 377-385.	0.5	6
48	Chondroitinase ABC reduces dopaminergic nigral cell death and striatal terminal loss in a 6-hydroxydopamine partial lesion mouse model of Parkinsonâ€™s disease. BMC Neuroscience, 2019, 20, 61.	0.8	6
49	Neuronal overexpression of tissue-type plasminogen activator does not enhance sensory axon regeneration or locomotor recovery following dorsal hemisection of adult mouse thoracic spinal cord. Journal of Neuroscience Research, 2006, 84, 1245-1254.	1.3	5
50	â€˜Chaseâ€™: in dogged pursuit of a therapy for spinal cord injury. Brain, 2018, 141, 941-943.	3.7	5
51	The Use of an Adeno-Associated Viral Vector for Efficient Bicistronic Expression of Two Genes in the Central Nervous System. Methods in Molecular Biology, 2014, 1162, 189-207.	0.4	5
52	Neurotrophin-3 attenuates human peripheral blood T cell and monocyte activation status and cytokine production post stroke. Experimental Neurology, 2022, 347, 113901.	2.0	5
53	Delayed peripheral treatment with neurotrophin-3 improves sensorimotor recovery after central nervous system injury. Neural Regeneration Research, 2019, 14, 1703.	1.6	5
54	When neuroscience met clinical pathology: partitioning experimental variation to aid data interpretation in neuroscience. European Journal of Neuroscience, 2018, 47, 371-379.	1.2	4

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55	An intriguing way to enhance rehabilitation of grasping in rats after spinal cord injury. Brain, 2018, 141, 1888-1899.	3.7	3
56	Peripherally delivered Adeno-associated viral vectors for spinal cord injury repair. Experimental Neurology, 2022, 348, 113945.	2.0	3
57	Response to the Comment published in ATLA, on the Declaration on Openness on Animal Research. ATLA Alternatives To Laboratory Animals, 2013, 41, 195-196.	0.7	0
58	Letâ€™s be certain about sartans (and other potential new therapies for CNS injury): Figure 1. Brain, 2015, 138, 3136-3139.	3.7	0
59	Why we need rats: What it is like to use animals in neurobiological research in the UK?. Biochemist, 2008, 30, 30-31.	0.2	0