

Dale R Corbett

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171
papers

11,623
citations

56
h-index

104
g-index

174
ext. papers

12,915
ext. citations

4.7
avg, IF

6.43
L-index

#	Paper	IF	Citations
171	Plasticity during stroke recovery: from synapse to behaviour. <i>Nature Reviews Neuroscience</i> , 2009 , 10, 861-72	13.5	1167
170	Efficacy of rehabilitative experience declines with time after focal ischemic brain injury. <i>Journal of Neuroscience</i> , 2004 , 24, 1245-54	6.6	483
169	Enriched rehabilitative training promotes improved forelimb motor function and enhanced dendritic growth after focal ischemic injury. <i>Journal of Neuroscience</i> , 2001 , 21, 5272-80	6.6	476
168	Getting neurorehabilitation right: what can be learned from animal models?. <i>Neurorehabilitation and Neural Repair</i> , 2012 , 26, 923-31	4.7	364
167	Delayed and prolonged post-ischemic hypothermia is neuroprotective in the gerbil. <i>Brain Research</i> , 1994 , 654, 265-72	3.7	360
166	Agreed definitions and a shared vision for new standards in stroke recovery research: The Stroke Recovery and Rehabilitation Roundtable taskforce. <i>International Journal of Stroke</i> , 2017 , 12, 444-450	6.3	328
165	Intracerebral hemorrhage induces macrophage activation and matrix metalloproteinases. <i>Annals of Neurology</i> , 2003 , 53, 731-42	9.4	309
164	Brain-derived neurotrophic factor contributes to recovery of skilled reaching after focal ischemia in rats. <i>Stroke</i> , 2009 , 40, 1490-5	6.7	278
163	Postischemic hypothermia. A critical appraisal with implications for clinical treatment. <i>Molecular Neurobiology</i> , 1997 , 14, 171-201	6.2	250
162	The problem of assessing effective neuroprotection in experimental cerebral ischemia. <i>Progress in Neurobiology</i> , 1998 , 54, 531-48	10.9	236
161	Intracranial self-stimulation in relation to the ascending dopaminergic systems of the midbrain: a moveable electrode mapping study. <i>Brain Research</i> , 1980 , 185, 1-15	3.7	210
160	MK-801 reduced cerebral ischemic injury by inducing hypothermia. <i>Brain Research</i> , 1990 , 514, 300-4	3.7	194
159	Prolonged but delayed postischemic hypothermia: a long-term outcome study in the rat middle cerebral artery occlusion model. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000 , 20, 1702-8	7.3	191
158	Transplantation of human embryonic stem cell-derived neural precursor cells and enriched environment after cortical stroke in rats: cell survival and functional recovery. <i>European Journal of Neuroscience</i> , 2009 , 29, 562-74	3.5	177
157	Behavioral methods for inferring anatomical linkage between rewarding brain stimulation sites. <i>Journal of Comparative and Physiological Psychology</i> , 1980 , 94, 227-37		171
156	Bi-hemispheric contribution to functional motor recovery of the affected forelimb following focal ischemic brain injury in rats. <i>European Journal of Neuroscience</i> , 2005 , 21, 989-99	3.5	152
155	Endurance exercise regimens induce differential effects on brain-derived neurotrophic factor, synapsin-I and insulin-like growth factor I after focal ischemia. <i>Neuroscience</i> , 2005 , 136, 991-1001	3.9	137

154	An analysis of four different methods of producing focal cerebral ischemia with endothelin-1 in the rat. <i>Experimental Neurology</i> , 2006 , 201, 324-34	5.7	133
153	Neuroprotection after several days of mild, drug-induced hypothermia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996 , 16, 474-80	7.3	133
152	Exercise intensity influences the temporal profile of growth factors involved in neuronal plasticity following focal ischemia. <i>Brain Research</i> , 2007 , 1150, 207-16	3.7	132
151	Persistent neuroprotection with prolonged postischemic hypothermia in adult rats subjected to transient middle cerebral artery occlusion. <i>Experimental Neurology</i> , 2000 , 163, 200-6	5.7	132
150	Enriched environment enhances transplanted subventricular zone stem cell migration and functional recovery after stroke. <i>Neuroscience</i> , 2007 , 146, 31-40	3.9	126
149	Agreed Definitions and a Shared Vision for New Standards in Stroke Recovery Research: The Stroke Recovery and Rehabilitation Roundtable Taskforce. <i>Neurorehabilitation and Neural Repair</i> , 2017 , 31, 793-799	4.7	119
148	Intracranial self-stimulation in relation to the ascending noradrenergic fiber systems of the pontine tegmentum and caudal midbrain: a moveable electrode mapping study. <i>Brain Research</i> , 1979 , 177, 423-36	3.7	115
147	HIV-1 Tat neurotoxicity is prevented by matrix metalloproteinase inhibitors. <i>Annals of Neurology</i> , 2001 , 49, 230-41	9.4	114
146	Efficacy of disodium 4-[(tert-butylimino)methyl]benzene-1,3-disulfonate N-oxide (NXY-059), a free radical trapping agent, in a rat model of hemorrhagic stroke. <i>Neuropharmacology</i> , 2001 , 40, 433-9	5.5	108
145	A serial MR study of cerebral blood flow changes and lesion development following endothelin-1-induced ischemia in rats. <i>Magnetic Resonance in Medicine</i> , 2001 , 46, 827-30	4.4	106
144	A critical threshold of rehabilitation involving brain-derived neurotrophic factor is required for poststroke recovery. <i>Neurorehabilitation and Neural Repair</i> , 2011 , 25, 740-8	4.7	105
143	Cerebral ischemia, locomotor activity and spatial mapping. <i>Brain Research</i> , 1990 , 533, 78-82	3.7	105
142	Moving rehabilitation research forward: Developing consensus statements for rehabilitation and recovery research. <i>International Journal of Stroke</i> , 2016 , 11, 454-8	6.3	102
141	Prevalence of Individuals Experiencing the Effects of Stroke in Canada: Trends and Projections. <i>Stroke</i> , 2015 , 46, 2226-31	6.7	100
140	Aerobic exercise effects on neuroprotection and brain repair following stroke: a systematic review and perspective. <i>Neuroscience Research</i> , 2014 , 87, 8-15	2.9	97
139	Inhibition of cyclin-dependent kinases improves CA1 neuronal survival and behavioral performance after global ischemia in the rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002 , 22, 171-82	7.3	96
138	Effects of peripheral and central dopamine blockade on lateral hypothalamic self-stimulation: evidence for both reward and motor deficits. <i>Pharmacology Biochemistry and Behavior</i> , 1983 , 18, 433-42	3.9	95
137	Temperature modulation (hypothermic and hyperthermic conditions) and its influence on histological and behavioral outcomes following cerebral ischemia. <i>Brain Pathology</i> , 2000 , 10, 145-52	6	93

136	Endurance exercise facilitates relearning of forelimb motor skill after focal ischemia. <i>European Journal of Neuroscience</i> , 2007 , 25, 3453-60	3.5	87
135	Environmental enrichment enhances recovery of function but exacerbates ischemic cell death. <i>Neuroscience</i> , 2001 , 107, 585-92	3.9	86
134	The effects of poststroke aerobic exercise on neuroplasticity: a systematic review of animal and clinical studies. <i>Translational Stroke Research</i> , 2015 , 6, 13-28	7.8	82
133	Can forced-use therapy be clinically applied after stroke? An exploratory randomized controlled trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2004 , 85, 1417-23	2.8	80
132	Regional neuroleptic microinjections indicate a role for nucleus accumbens in lateral hypothalamic self-stimulation reward. <i>Brain Research</i> , 1989 , 477, 126-43	3.7	77
131	Fluoxetine and recovery of motor function after focal ischemia in rats. <i>Brain Research</i> , 2005 , 1044, 25-32	3.7	69
130	Dorsal noradrenergic bundle lesions fail to disrupt self-stimulation from the region of locus coeruleus. <i>Brain Research</i> , 1977 , 133, 37-44	3.7	69
129	Matrix metalloproteinase (MMP)-12 expression has a negative impact on sensorimotor function following intracerebral haemorrhage in mice. <i>European Journal of Neuroscience</i> , 2005 , 21, 187-96	3.5	68
128	Does treadmill exercise improve performance of cognitive or upper-extremity tasks in people with chronic stroke? A randomized cross-over trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008 , 89, 2041-7	2.8	67
127	Long-term exposure to high fat diet is bad for your brain: exacerbation of focal ischemic brain injury. <i>Neuroscience</i> , 2011 , 182, 82-7	3.9	66
126	Exercise and Environmental Enrichment as Enablers of Task-Specific Neuroplasticity and Stroke Recovery. <i>Neurotherapeutics</i> , 2016 , 13, 395-402	6.4	65
125	Ischemic preconditioning: a long term survival study using behavioural and histological endpoints. <i>Brain Research</i> , 1997 , 760, 129-36	3.7	65
124	Is Environmental Enrichment Ready for Clinical Application in Human Post-stroke Rehabilitation?. <i>Frontiers in Behavioral Neuroscience</i> , 2018 , 12, 135	3.5	64
123	Enhancing the alignment of the preclinical and clinical stroke recovery research pipeline: Consensus-based core recommendations from the Stroke Recovery and Rehabilitation Roundtable translational working group. <i>International Journal of Stroke</i> , 2017 , 12, 462-471	6.3	64
122	Delayed minocycline treatment reduces long-term functional deficits and histological injury in a rodent model of focal ischemia. <i>Neuroscience</i> , 2006 , 141, 27-33	3.9	64
121	Ischemic preconditioning in 18- to 20-month-old gerbils: long-term survival with functional outcome measures. <i>Stroke</i> , 1999 , 30, 1240-6	6.7	63
120	Translational Stroke Research: Vision and Opportunities. <i>Stroke</i> , 2017 , 48, 2632-2637	6.7	62
119	Effect of FK-506 on inflammation and behavioral outcome following intracerebral hemorrhage in rat. <i>Experimental Neurology</i> , 2001 , 167, 341-7	5.7	62

118	Possible abuse potential of the NMDA antagonist MK-801. <i>Behavioural Brain Research</i> , 1989 , 34, 239-46	3.4	57
117	A physiological characterization of the Cafeteria diet model of metabolic syndrome in the rat. <i>Physiology and Behavior</i> , 2016 , 167, 382-391	3.5	56
116	Promoting brain health through exercise and diet in older adults: a physiological perspective. <i>Journal of Physiology</i> , 2016 , 594, 4485-98	3.9	55
115	Coaccumulation of calcium and beta-amyloid in the thalamus after transient middle cerebral artery occlusion in rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008 , 28, 263-8	7.3	55
114	Improved working memory following novel combinations of physical and cognitive activity. <i>Neurorehabilitation and Neural Repair</i> , 2012 , 26, 523-32	4.7	53
113	Persistent behavioral impairments and neuroinflammation following global ischemia in the rat. <i>European Journal of Neuroscience</i> , 2008 , 28, 2310-8	3.5	53
112	Behavioral outcome measures to improve experimental stroke research. <i>Behavioural Brain Research</i> , 2018 , 352, 161-171	3.4	53
111	Does Stroke Rehabilitation Really Matter? Part B: An Algorithm for Prescribing an Effective Intensity of Rehabilitation. <i>Neurorehabilitation and Neural Repair</i> , 2018 , 32, 73-83	4.7	52
110	Hypothermic neuroprotection. A global ischemia study using 18- to 20-month-old gerbils. <i>Stroke</i> , 1997 , 28, 2238-42; discussion 2243	6.7	52
109	The effects of delayed reduction of tonic inhibition on ischemic lesion and sensorimotor function. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 1601-9	7.3	51
108	Plasticity of the medial prefrontal cortex: facilitated acquisition of intracranial self-stimulation by pretraining stimulation. <i>Physiology and Behavior</i> , 1982 , 28, 531-4	3.5	49
107	Long-term functional end points following middle cerebral artery occlusion in the rat. <i>Pharmacology Biochemistry and Behavior</i> , 2000 , 65, 553-62	3.9	45
106	The Ontario Neurodegenerative Disease Research Initiative (ONDRI). <i>Canadian Journal of Neurological Sciences</i> , 2017 , 44, 196-202	1	44
105	Minocycline and intracerebral hemorrhage: influence of injury severity and delay to treatment. <i>Experimental Neurology</i> , 2006 , 197, 189-96	5.7	44
104	Lost in translation: rethinking approaches to stroke recovery. <i>Progress in Brain Research</i> , 2015 , 218, 413-34	3.4	42
103	Enhancing the Alignment of the Preclinical and Clinical Stroke Recovery Research Pipeline: Consensus-Based Core Recommendations From the Stroke Recovery and Rehabilitation Roundtable Translational Working Group. <i>Neurorehabilitation and Neural Repair</i> , 2017 , 31, 699-707	4.7	42
102	Diazepam-induced neuroprotection: dissociating the effects of hypothermia following global ischemia. <i>Brain Research</i> , 1999 , 829, 1-6	3.7	41
101	T2-weighted MRI correlates with long-term histopathology, neurology scores, and skilled motor behavior in a rat stroke model. <i>Annals of the New York Academy of Sciences</i> , 2001 , 939, 283-96	6.5	40

100	Impaired acquisition of the Morris water maze following global ischemic damage in the gerbil. <i>NeuroReport</i> , 1992 , 3, 204-6	1.7	39
99	Temperature changes associated with forebrain ischemia in the gerbil. <i>Brain Research</i> , 1993 , 602, 264-7	3.7	39
98	Elimination of medial prefrontal cortex self-stimulation following transection of efferents to the sulcal cortex in the rat. <i>Physiology and Behavior</i> , 1982 , 29, 425-31	3.5	38
97	Impaired executive function following ischemic stroke in the rat medial prefrontal cortex. <i>Behavioural Brain Research</i> , 2014 , 258, 106-11	3.4	37
96	A stroke recovery trial development framework: Consensus-based core recommendations from the Second Stroke Recovery and Rehabilitation Roundtable. <i>International Journal of Stroke</i> , 2019 , 14, 792-802	6.3	36
95	Overexpression of APP provides neuroprotection in the absence of functional benefit following middle cerebral artery occlusion in rats. <i>European Journal of Neuroscience</i> , 2007 , 26, 1845-52	3.5	36
94	Combined treatment with MK-801 and nicardipine reduces global ischemic damage in the gerbil. <i>Stroke</i> , 1992 , 23, 82-6	6.7	36
93	Daidzein Augments Cholesterol Homeostasis via ApoE to Promote Functional Recovery in Chronic Stroke. <i>Journal of Neuroscience</i> , 2015 , 35, 15113-26	6.6	35
92	Selective lesions of neural pathways following viral inoculation of the olfactory bulb. <i>Experimental Neurology</i> , 1993 , 122, 209-22	5.7	35
91	Assessing cognitive function after intracerebral hemorrhage in rats. <i>Behavioural Brain Research</i> , 2009 , 198, 321-8	3.4	34
90	Physical activity in the prevention of ischemic stroke and improvement of outcomes: a narrative review. <i>Neuroscience and Biobehavioral Reviews</i> , 2013 , 37, 133-7	9	33
89	Neurovascular unit remodelling in the subacute stage of stroke recovery. <i>NeuroImage</i> , 2017 , 146, 869-882	2.9	33
88	A reproducible Endothelin-1 model of forelimb motor cortex stroke in the mouse. <i>Journal of Neuroscience Methods</i> , 2014 , 233, 34-44	3	32
87	Competing processes of cell death and recovery of function following ischemic preconditioning. <i>Brain Research</i> , 1998 , 794, 119-26	3.7	32
86	Long-term assessment of enriched housing and subventricular zone derived cell transplantation after focal ischemia in rats. <i>Brain Research</i> , 2008 , 1231, 103-12	3.7	32
85	Moving Rehabilitation Research Forward: Developing Consensus Statements for Rehabilitation and Recovery Research. <i>Neurorehabilitation and Neural Repair</i> , 2017 , 31, 694-698	4.7	30
84	Dynamic changes in CA1 dendritic spines associated with ischemic tolerance. <i>Experimental Neurology</i> , 2006 , 202, 133-8	5.7	30
83	Cortical and ventral tegmental systems exert opposing influences on self-stimulation from the prefrontal cortex. <i>Behavioural Brain Research</i> , 1985 , 17, 117-24	3.4	30

82	Cognition in stroke rehabilitation and recovery research: Consensus-based core recommendations from the second Stroke Recovery and Rehabilitation Roundtable. <i>International Journal of Stroke</i> , 2019 , 14, 774-782	6.3	29
81	Synergistic Effects of Enriched Environment and Task-Specific Reach Training on Poststroke Recovery of Motor Function. <i>Stroke</i> , 2018 , 49, 1496-1503	6.7	29
80	Protein-energy malnutrition impairs functional outcome in global ischemia. <i>Experimental Neurology</i> , 2005 , 196, 308-15	5.7	29
79	Epidermal growth factor and erythropoietin infusion accelerate functional recovery in combination with rehabilitation. <i>Stroke</i> , 2014 , 45, 1856-8	6.7	28
78	Cognitive rehabilitation reduces cognitive impairment and normalizes hippocampal CA1 architecture in a rat model of vascular dementia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 872-9	7.3	28
77	From the Lab to Patients: a Systematic Review and Meta-Analysis of Mesenchymal Stem Cell Therapy for Stroke. <i>Translational Stroke Research</i> , 2020 , 11, 345-364	7.8	28
76	Prolonged, 24-h delayed peripheral inflammation increases short- and long-term functional impairment and histopathological damage after focal ischemia in the rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010 , 30, 1450-9	7.3	27
75	Factors Affecting Attendance at an Adapted Cardiac Rehabilitation Exercise Program for Individuals with Mobility Deficits Poststroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016 , 25, 87-94	2.8	27
74	Post-ischemic diazepam does not reduce hippocampal CA1 injury and does not improve hypothermic neuroprotection after forebrain ischemia in gerbils. <i>Brain Research</i> , 2004 , 1013, 223-9	3.7	26
73	Aerobic Training and Mobilization Early Post-stroke: Cautions and Considerations. <i>Frontiers in Neurology</i> , 2019 , 10, 1187	4.1	26
72	How can you mend a broken brain? Neurorestorative approaches to stroke recovery. <i>Cerebrovascular Diseases</i> , 2014 , 38, 233-9	3.2	25
71	An investigation of the factors affecting development of frontal cortex self-stimulation. <i>Physiology and Behavior</i> , 1985 , 34, 89-95	3.5	25
70	RecoverNow: Feasibility of a Mobile Tablet-Based Rehabilitation Intervention to Treat Post-Stroke Communication Deficits in the Acute Care Setting. <i>PLoS ONE</i> , 2016 , 11, e0167950	3.7	25
69	Increased behavioral and histological variability arising from changes in cerebrovascular anatomy of the Mongolian gerbil. <i>Current Neurovascular Research</i> , 2005 , 2, 401-7	1.8	24
68	Setting the scene for the Second Stroke Recovery and Rehabilitation Roundtable. <i>International Journal of Stroke</i> , 2019 , 14, 450-456	6.3	23
67	Long-term effects of clomethiazole in a model of global ischemia. <i>Experimental Neurology</i> , 2003 , 182, 476-82	5.7	23
66	Spontaneous postischemic hyperthermia is not required for severe CA1 ischemic damage in gerbils. <i>Brain Research</i> , 1993 , 623, 1-5	3.7	23
65	Assessing cognitive function following medial prefrontal stroke in the rat. <i>Behavioural Brain Research</i> , 2015 , 294, 102-10	3.4	22

64	Diazepam delays the death of hippocampal CA1 neurons following global ischemia. <i>Experimental Neurology</i> , 2008 , 214, 309-14	5.7	22
63	Enriched rehabilitation promotes motor recovery in rats exposed to neonatal hypoxia-ischemia. <i>Behavioural Brain Research</i> , 2016 , 304, 42-50	3.4	21
62	The effects of repeated rehabilitation "tune-ups" on functional recovery after focal ischemia in rats. <i>Neurorehabilitation and Neural Repair</i> , 2009 , 23, 886-94	4.7	21
61	Does Stroke Rehabilitation Really Matter? Part A: Proportional Stroke Recovery in the Rat. <i>Neurorehabilitation and Neural Repair</i> , 2018 , 32, 3-6	4.7	20
60	Electrophysiological properties of CA1 neurons protected by postischemic hypothermia in gerbils. <i>Stroke</i> , 2001 , 32, 788-95	6.7	20
59	Neurological reactivity during medial prefrontal cortex stimulation: effects of self-stimulation experience. <i>Physiology and Behavior</i> , 1983 , 31, 771-6	3.5	20
58	Metformin Preconditioning of Human Induced Pluripotent Stem Cell-Derived Neural Stem Cells Promotes Their Engraftment and Improves Post-Stroke Regeneration and Recovery. <i>Stem Cells and Development</i> , 2018 , 27, 1085-1096	4.4	19
57	Transport of epidermal growth factor in the stroke-injured brain. <i>Journal of Controlled Release</i> , 2011 , 149, 225-35	11.7	19
56	Dietary supplementation of omega-3 polyunsaturated fatty acids worsens forelimb motor function after intracerebral hemorrhage in rats. <i>Experimental Neurology</i> , 2005 , 191, 119-27	5.7	18
55	Rat middle cerebral artery occlusion: correlations between histopathology, T2-weighted magnetic resonance imaging, and behavioral indices. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2001 , 10, 166-77	2.8	18
54	Cocaine enhances the reward value of medial prefrontal cortex self-stimulation. <i>NeuroReport</i> , 1991 , 2, 805-8	1.7	18
53	Differences in sensitivity to neuroleptic blockade: medial forebrain bundle versus frontal cortex self-stimulation. <i>Behavioural Brain Research</i> , 1990 , 36, 91-6	3.4	18
52	Axonal branching of ventral tegmental and raphe projections to the frontal cortex in the rat. <i>Neuroscience Letters</i> , 1984 , 48, 121-5	3.3	18
51	Time course of neuronal death following endothelin-1 induced focal ischemia in rats. <i>Journal of Neuroscience Methods</i> , 2015 , 242, 72-6	3	17
50	Early poststroke experience differentially alters periinfarct layer II and III cortex. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014 , 34, 630-7	7.3	17
49	A high fat diet does not exacerbate CA1 injury and cognitive deficits following global ischemia in rats. <i>Brain Research</i> , 2009 , 1252, 192-200	3.7	17
48	A Stroke Recovery Trial Development Framework: Consensus-Based Core Recommendations from the Second Stroke Recovery and Rehabilitation Roundtable. <i>Neurorehabilitation and Neural Repair</i> , 2019 , 33, 959-969	4.7	16
47	A model of persistent learned nonuse following focal ischemia in rats. <i>Neurorehabilitation and Neural Repair</i> , 2013 , 27, 900-7	4.7	16

46	Characterizing Spontaneous Motor Recovery Following Cortical and Subcortical Stroke in the Rat. <i>Neurorehabilitation and Neural Repair</i> , 2019 , 33, 27-37	4.7	15
45	A systematic review protocol of timing, efficacy and cost effectiveness of upper limb therapy for motor recovery post-stroke. <i>Systematic Reviews</i> , 2019 , 8, 187	3	14
44	Influence of metabolic syndrome on cerebral perfusion and cognition. <i>Neurobiology of Disease</i> , 2020 , 137, 104756	7.5	13
43	Aerobic With Resistance Training or Aerobic Training Alone Poststroke: A Secondary Analysis From a Randomized Clinical Trial. <i>Neurorehabilitation and Neural Repair</i> , 2018 , 32, 209-222	4.7	13
42	Prescribing Aerobic Exercise Intensity without a Cardiopulmonary Exercise Test Post Stroke: Utility of the Six-Minute Walk Test. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016 , 25, 2222-31	2.8	13
41	A qualitative and quantitative analysis of skilled forelimb reaching impairment following intracerebral hemorrhage in rats. <i>Brain Research</i> , 2007 , 1145, 204-12	3.7	13
40	RecoverNow: A mobile tablet-based therapy platform for early stroke rehabilitation. <i>PLoS ONE</i> , 2019 , 14, e0210725	3.7	12
39	Post-stroke kinematic analysis in rats reveals similar reaching abnormalities as humans. <i>Scientific Reports</i> , 2018 , 8, 8738	4.9	12
38	RecoverNow: A patient perspective on the delivery of mobile tablet-based stroke rehabilitation in the acute care setting. <i>International Journal of Stroke</i> , 2019 , 14, 174-179	6.3	12
37	Predictors of low bone mineral density of the stroke-affected hip among ambulatory individuals with chronic stroke. <i>Osteoporosis International</i> , 2014 , 25, 2631-8	5.3	12
36	Therapeutic implications of hypothermic and hyperthermic temperature conditions in stroke patients. <i>Canadian Journal of Physiology and Pharmacology</i> , 2001 , 79, 254-261	2.4	12
35	Cyclosporin A-Mediated Activation of Endogenous Neural Precursor Cells Promotes Cognitive Recovery in a Mouse Model of Stroke. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 93	5.3	11
34	Fiber pathways associated with cerebellar self-stimulation in the rat: a retrograde and anterograde tracing study. <i>Behavioural Brain Research</i> , 1982 , 6, 167-84	3.4	11
33	Short- and Long-term Exposure to Low and High Dose Running Produce Differential Effects on Hippocampal Neurogenesis. <i>Neuroscience</i> , 2018 , 369, 202-211	3.9	11
32	Dose Articulation in Preclinical and Clinical Stroke Recovery: Refining a Discovery Research Pipeline and Presenting a Scoping Review Protocol. <i>Frontiers in Neurology</i> , 2019 , 10, 1148	4.1	10
31	Time-to-referral, use, and efficacy of cardiac rehabilitation after heart transplantation. <i>Transplantation</i> , 2015 , 99, 594-601	1.8	10
30	A cognitive rehabilitation paradigm effective in male rats lacks efficacy in female rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014 , 34, 1673-80	7.3	9
29	A peek behind the curtain: peer review and editorial decision making at Stroke. <i>Annals of Neurology</i> , 2014 , 76, 151-8	9.4	9

28	Temporal profile of magnetic resonance imaging changes following forebrain ischemia in the gerbil. <i>Neuroscience Letters</i> , 1998 , 257, 105-8	3.3	9
27	CA1 ischemic injury does not affect the ability of Mongolian gerbils to solve response, direction, or place problems. <i>Brain Research</i> , 2008 , 1187, 194-200	3.7	9
26	Norepinephrine depletion facilitates recovery of function after focal ischemia in the rat. <i>European Journal of Neuroscience</i> , 2007 , 26, 1822-31	3.5	9
25	Effects of d-amphetamine on the recovery of function following cerebral ischemic injury. <i>Pharmacology Biochemistry and Behavior</i> , 1992 , 42, 705-10	3.9	9
24	Chronic morphine fails to enhance the reward value of prefrontal cortex self-stimulation. <i>Pharmacology Biochemistry and Behavior</i> , 1992 , 42, 451-5	3.9	9
23	Advancing Stroke Recovery Through Improved Articulation of Nonpharmacological Intervention Dose. <i>Stroke</i> , 2021 , 52, 761-769	6.7	9
22	Neuroprotection by Remote Ischemic Conditioning in Rodent Models of Focal Ischemia: a Systematic Review and Meta-Analysis. <i>Translational Stroke Research</i> , 2021 , 12, 461-473	7.8	9
21	Ketamine blocks the plasticity associated with prefrontal cortex self-stimulation. <i>Pharmacology Biochemistry and Behavior</i> , 1990 , 37, 685-8	3.9	8
20	Not-so-minor stroke: Lasting psychosocial consequences of anterior cingulate cortical ischemia in the rat. <i>Experimental Neurology</i> , 2014 , 261, 543-50	5.7	7
19	Long term potentiation of lateral hypothalamic self-stimulation following parabrachial lesions in the rat. <i>Brain Research Bulletin</i> , 1980 , 5, 637-42	3.9	7
18	An RFID-based activity tracking system to monitor individual rodent behavior in environmental enrichment: Implications for post-stroke cognitive recovery. <i>Journal of Neuroscience Methods</i> , 2019 , 324, 108306	3	6
17	Reduced Cerebrovascular Reactivity and Increased Resting Cerebral Perfusion in Rats Exposed to a Cafeteria Diet. <i>Neuroscience</i> , 2018 , 371, 166-177	3.9	6
16	Identifying stroke therapeutics from preclinical models: A protocol for a novel application of network meta-analysis. <i>F1000Research</i> , 2019 , 8, 11	3.6	6
15	Timing and Dose of Upper Limb Motor Intervention After Stroke: A Systematic Review. <i>Stroke</i> , 2021 , 52, 3706-3717	6.7	6
14	Executive dysfunction and blockage of brain microvessels in a rat model of vascular cognitive impairment. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 1727-1740	7.3	6
13	Poststroke Impairment and Recovery Are Predicted by Task-Specific Regionalization of Injury. <i>Journal of Neuroscience</i> , 2020 , 40, 6082-6097	6.6	5
12	Protective effect of minocycline treatment on striatal ischemia. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2006 , 15, 101-5	2.8	4
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