Michael Chopp

List of Publications by Year
in descending order

222	15,713	23567 58	19749 117
papers	citations	h-index	g-index

223	223	223	15049
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exosome treatment for stroke with diabetic comorbidity. Neural Regeneration Research, 2022, 17, 315.	3.0	4
2	Exosomes derived from bone marrow mesenchymal stromal cells promote remyelination and reduce neuroinflammation in the demyelinating central nervous system. Experimental Neurology, 2022, 347, 113895.	4.1	66
3	MRI Metrics of Cerebral Endothelial Cellâ€"Derived Exosomes for the Treatment of Cognitive Dysfunction Induced in Aging Rats Subjected to Type 2 Diabetes. Diabetes, 2022, 71, 873-880.	0.6	2
4	Circulating Extracellular Vesicles in Stroke Patients Treated With Mesenchymal Stem Cells: A Biomarker Analysis of a Randomized Trial. Stroke, 2022, 53, 2276-2286.	2.0	19
5	Aging-Related Alterations of Glymphatic Transport in Rat: In vivo Magnetic Resonance Imaging and Kinetic Study. Frontiers in Aging Neuroscience, 2022, 14, 841798.	3.4	10
6	Post-Stroke Administration of L-4F Promotes Neurovascular and White Matter Remodeling in Type-2 Diabetic Stroke Mice. Frontiers in Neurology, 2022, 13, 863934.	2.4	4
7	Treatment With an Angiopoietin-1 Mimetic Peptide Improves Cognitive Outcome in Rats With Vascular Dementia. Frontiers in Cellular Neuroscience, 2022, 16, .	3.7	5
8	SUMO1 Deficiency Exacerbates Neurological and Cardiac Dysfunction after Intracerebral Hemorrhage in Aged Mice. Translational Stroke Research, 2021, 12, 631-642.	4.2	7
9	CD133+Exosome Treatment Improves Cardiac Function after Stroke in Type 2 Diabetic Mice. Translational Stroke Research, 2021, 12, 112-124.	4.2	27
10	Targeted tPA overexpression in denervated spinal motor neurons promotes stroke recovery in mice. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 92-104.	4.3	8
11	Extracellular vesicles derived from bone marrow mesenchymal stem cells enhance myelin maintenance after cortical injury in aged rhesus monkeys. Experimental Neurology, 2021, 337, 113540.	4.1	20
12	Impairments of white matter tracts and connectivity alterations in five cognitive networks of patients with multiple sclerosis. Clinical Neurology and Neurosurgery, 2021, 201, 106424.	1.4	1
13	Treatment with an Angiopoietinâ€1 mimetic peptide promotes neurological recovery after stroke in diabetic rats. CNS Neuroscience and Therapeutics, 2021, 27, 48-59.	3.9	16
14	MiR-17-92 enriched exosomes derived from multipotent mesenchymal stromal cells enhance axon-myelin remodeling and motor electrophysiological recovery after stroke. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1131-1144.	4.3	62
15	Deficiency of Endothelial Nitric Oxide Synthase (eNOS) Exacerbates Brain Damage and Cognitive Deficit in A Mouse Model of Vascular Dementia. , 2021, 12, 732.		19
16	MicroRNA-214 enriched exosomes from human cerebral endothelial cells (hCEC) sensitize hepatocellular carcinoma to anti-cancer drugs. Oncotarget, 2021, 12, 185-198.	1.8	16
17	Cerebral endothelial cell-derived small extracellular vesicles enhance neurovascular function and neurological recovery in rat acute ischemic stroke models of mechanical thrombectomy and embolic stroke treatment with tPA. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 0271678X2199298.	4.3	12
18	Plasminogen deficiency causes reduced angiogenesis and behavioral recovery after stroke in mice. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2583-2592.	4.3	4

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19	MiR-17â€“92 Cluster-Enriched Exosomes Derived from Human Bone Marrow Mesenchymal Stromal Cells Improve Tissue and Functional Recovery in Rats after Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 1535-1550.	3.4	38
20	Cardiac Dysfunction in a Mouse Vascular Dementia Model of Bilateral Common Carotid Artery Stenosis. Frontiers in Cardiovascular Medicine, 2021, 8, 681572.	2.4	7
21	Waste Clearance in the Brain. Frontiers in Neuroanatomy, 2021, 15, 665803.	1.7	32
22	Treatment of diabetic peripheral neuropathy with engineered mesenchymal stromal cell-derived exosomes enriched with microRNA-146a provide amplified therapeutic efficacy. Experimental Neurology, 2021, 341, 113694.	4.1	45
23	Multifaceted roles of pericytes-interorgan interactions. Neural Regeneration Research, 2021, 16, 982.	3.0	1
24	Axonal remodeling of the corticospinal tract during neurological recovery after stroke. Neural Regeneration Research, 2021, 16, 939.	3.0	16
25	New Mechanistic Insights, Novel Treatment Paradigms, and Clinical Progress in Cerebrovascular Diseases. Frontiers in Aging Neuroscience, 2021, 13, 623751.	3.4	17
26	Inflammatory responses mediate brainâ€“heart interaction after ischemic stroke in adult mice. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1213-1229.	4.3	35
27	Immune response mediates the cardiac damage after subarachnoid hemorrhage. Experimental Neurology, 2020, 323, 113093.	4.1	15
28	Exosomes Derived From Schwann Cells Ameliorate Peripheral Neuropathy in Type 2 Diabetic Mice. Diabetes, 2020, 69, 749-759.	0.6	80
29	Mesenchymal stromal cell-derived exosomes ameliorate peripheral neuropathy in a mouse model of diabetes. Diabetologia, 2020, 63, 431-443.	6.3	119
30	Brainâ€“kidney interaction: Renal dysfunction following ischemic stroke. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 246-262.	4.3	43
31	Exosomes derived from bone marrow mesenchymal stem cells harvested from type two diabetes rats promotes neurorestorative effects after stroke in type two diabetes rats. Experimental Neurology, 2020, 334, 113456.	4.1	49
32	HUCBC Treatment Improves Cognitive Outcome in Rats With Vascular Dementia. Frontiers in Aging Neuroscience, 2020, 12, 258.	3.4	10
33	Emerging Roles of microRNAs as Biomarkers and Therapeutic Targets for Diabetic Neuropathy. Frontiers in Neurology, 2020, 11, 558758.	2.4	21
34	MRI detection of impairment of glymphatic function in rat after mild traumatic brain injury. Brain Research, 2020, 1747, 147062.	2.2	31
35	Epigenetic Mechanisms Underlying Adult Post Stroke Neurogenesis. International Journal of Molecular Sciences, 2020, 21, 6179.	4.1	10
36	Delayed (21 Days) Post Stroke Treatment With RPh201, a Botany-Derived Compound, Improves Neurological Functional Recovery in a Rat Model of Embolic Stroke. Frontiers in Neuroscience, 2020, 14, 813.	2.8	0

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37	Proteomic Profiles of Exosomes of Septic Patients Presenting to the Emergency Department Compared to Healthy Controls. Journal of Clinical Medicine, 2020, 9, 2930.	2.4	12
38	Ischemic Cerebral Endothelial Cellâ€“Derived Exosomes Promote Axonal Growth. Stroke, 2020, 51, 3701-3712.	2.0	33
39	Magnetic Resonance Imaging and Modeling of the Glymphatic System. Diagnostics, 2020, 10, 344.	2.6	21
40	Mesenchymal Stem Cellâ€“Derived Exosomes Improve Functional Recovery in Rats After Traumatic Brain Injury: A Dose-Response and Therapeutic Window Study. Neurorehabilitation and Neural Repair, 2020, 34, 616-626.	2.9	65
41	Emerging role of microRNAs in ischemic stroke with comorbidities. Experimental Neurology, 2020, 331, 113382.	4.1	44
42	Multifaceted roles of pericytes in central nervous system homeostasis and disease. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1381-1401.	4.3	52
43	ABCA1/ApoE/HDL Signaling Pathway Facilitates Myelination and Oligodendrogenesis after Stroke. International Journal of Molecular Sciences, 2020, 21, 4369.	4.1	26
44	Spleen associated immune-response mediates brain-heart interaction after intracerebral hemorrhage. Experimental Neurology, 2020, 327, 113209.	4.1	18
45	Long noncoding RNA mediates stroke-induced neurogenesis. Stem Cells, 2020, 38, 973-985.	3.2	37
46	Immune Response Mediates Cardiac Dysfunction after Traumatic Brain Injury. Journal of Neurotrauma, 2019, 36, 619-629.	3.4	41
47	Distal Axonal Proteins and Their Related MiRNAs in Cultured Cortical Neurons. Molecular Neurobiology, 2019, 56, 2703-2713.	4.0	15
48	A Small Molecule Spinogenic Compound Enhances Functional Outcome and Dendritic Spine Plasticity in a Rat Model of Traumatic Brain Injury. Journal of Neurotrauma, 2019, 36, 589-600.	3.4	15
49	N-Acetyl-Seryl-Aspartyl-Lysyl-Proline Augments Thrombolysis of tPA (Tissue-Type Plasminogen) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.0	10
50	MiR-126 Mediates Brain Endothelial Cell Exosome Treatmentâ€“Induced Neurorestorative Effects After Stroke in Type 2 Diabetes Mellitus Mice. Stroke, 2019, 50, 2865-2874.	2.0	110
51	Role of the glymphatic system in ageing and diabetes mellitus impaired cognitive function. Stroke and Vascular Neurology, 2019, 4, 90-92.	3.3	36
52	Vepoloxamer Enhances Fibrinolysis of tPA (Tissue-Type Plasminogen Activator) on Acute Ischemic Stroke. Stroke, 2019, 50, 3600-3608.	2.0	15
53	ApoA-I Mimetic Peptide Reduces Vascular and White Matter Damage After Stroke in Type-2 Diabetic Mice. Frontiers in Neuroscience, 2019, 13, 1127.	2.8	6
54	Differences between normal and diabetic brains in middle-aged rats by MRI. Brain Research, 2019, 1724, 146407.	2.2	5

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55	Exosomes â€" beyond stem cells for restorative therapy in stroke and neurological injury. Nature Reviews Neurology, 2019, 15, 193-203.	10.1	353
56	Ablation of the microRNAâ€•17â€•92 cluster in neural stem cells diminishes adult hippocampal neurogenesis and cognitive function. FASEB Journal, 2019, 33, 5257-5267.	0.5	36
57	MiR-146a promotes oligodendrocyte progenitor cell differentiation and enhances remyelination in a model of experimental autoimmune encephalomyelitis. Neurobiology of Disease, 2019, 125, 154-162.	4.4	34
58	Intranasal tPA Application for Axonal Remodeling in Rodent Stroke and Traumatic Brain Injury Models. Springer Series in Translational Stroke Research, 2019, , 101-115.	0.1	0
59	Diffuse white matter response in trauma-injured brain to bone marrow stromal cell treatment detected by diffusional kurtosis imaging. Brain Research, 2019, 1717, 127-135.	2.2	3
60	RP001 hydrochloride improves neurological outcome after subarachnoid hemorrhage. Journal of the Neurological Sciences, 2019, 399, 6-14.	0.6	8
61	Brain-Derived Microparticles (BDMPs) Contribute to Neuroinflammation and Lactadherin Reduces BDMP Induced Neuroinflammation and Improves Outcome After Stroke. Frontiers in Immunology, 2019, 10, 2747.	4.8	17
62	Role of microRNA-126 in vascular cognitive impairment in mice. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 2497-2511.	4.3	49
63	Modeling glymphatic system of the brain using MRI. NeuroImage, 2019, 188, 616-627.	4.2	46
64	Sildenafil treatment of vascular dementia in aged rats. Neurochemistry International, 2019, 127, 103-112.	3.8	26
65	Prospective, double blinded, comparative assessment of the pharmacological activity of Cerebrolysin and distinct peptide preparations for the treatment of embolic stroke. Journal of the Neurological Sciences, 2019, 398, 22-26.	0.6	12
66	Angiopoietin-1/Tie2 signaling pathway contributes to the therapeutic effect of thymosin Î²4 on diabetic peripheral neuropathy. Neuroscience Research, 2019, 147, 1-8.	1.9	4
67	miR-146a mediates thymosin Î²4 induced neurovascular remodeling of diabetic peripheral neuropathy in type-II diabetic mice. Brain Research, 2019, 1707, 198-207.	2.2	12
68	Cerebrolysin Reduces Astrogliosis and Axonal Injury and Enhances Neurogenesis in Rats After Closed Head Injury. Neurorehabilitation and Neural Repair, 2019, 33, 15-26.	2.9	18
69	Thymosins in multiple sclerosis and its experimental models: moving from basic to clinical application. Multiple Sclerosis and Related Disorders, 2019, 27, 52-60.	2.0	16
70	Deficiency of tPA Exacerbates White Matter Damage, Neuroinflammation, Glymphatic Dysfunction and Cognitive Dysfunction in Aging Mice. , 2019, 10, 770.		18
71	Mesenchymal Stem Cell-Derived Exosomes Provide Neuroprotection and Improve Long-Term Neurologic Outcomes in a Swine Model of Traumatic Brain Injury and Hemorrhagic Shock. Journal of Neurotrauma, 2019, 36, 54-60.	3.4	116
72	Remodeling dendritic spines for treatment of traumatic brain injury. Neural Regeneration Research, 2019, 14, 1477.	3.0	21

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73	Exosome Therapy for Stroke. Stroke, 2018, 49, 1083-1090.	2.0	116
74	MiR-34a Regulates Axonal Growth of Dorsal Root Ganglia Neurons by Targeting FOXP2 and VAT1 in Postnatal and Adult Mouse. Molecular Neurobiology, 2018, 55, 9089-9099.	4.0	25
75	Clinical Cell Therapy Guidelines for Neurorestoration (IANR/CANR 2017). Cell Transplantation, 2018, 27, 310-324.	2.5	40
76	Current understanding of neuroinflammation after traumatic brain injury and cell-based therapeutic opportunities. Chinese Journal of Traumatology - English Edition, 2018, 21, 137-151.	1.4	135
77	Subacute intranasal administration of tissue plasminogen activator improves stroke recovery by inducing axonal remodeling in mice. Experimental Neurology, 2018, 304, 82-89.	4.1	8
78	MiR-29c/PRKCI Regulates Axonal Growth of Dorsal Root Ganglia Neurons Under Hyperglycemia. Molecular Neurobiology, 2018, 55, 851-858.	4.0	22
79	Cell-based and pharmacological neurorestorative therapies for ischemic stroke. Neuropharmacology, 2018, 134, 310-322.	4.1	83
80	Treatment of Traumatic Brain Injury with Vepoloxamer (Purified Poloxamer 188). Journal of Neurotrauma, 2018, 35, 661-670.	3.4	18
81	Influence of Sex on Cognition and Peripheral Neurovascular Function in Diabetic Mice. Frontiers in Neuroscience, 2018, 12, 795.	2.8	15
82	Intracerebral Hemorrhage Induces Cardiac Dysfunction in Mice Without Primary Cardiac Disease. Frontiers in Neurology, 2018, 9, 965.	2.4	15
83	MRI investigation of glymphatic responses to Gdâ€DTPA infusion rates. Journal of Neuroscience Research, 2018, 96, 1876-1886.	2.9	23
84	Administration of Downstream ApoE Attenuates the Adverse Effect of Brain ABCA1 Deficiency on Stroke. International Journal of Molecular Sciences, 2018, 19, 3368.	4.1	12
85	APX3330 Promotes Neurorestorative Effects after Stroke in Type One Diabetic Rats. , 2018, 9, 453.		13
86	Exosomes derived from highâ€glucoseâ€stimulated Schwann cells promote development of diabetic peripheral neuropathy. FASEB Journal, 2018, 32, 6911-6922.	0.5	48
87	Angiopoietin-1 Mimetic Peptide Promotes Neuroprotection after Stroke in Type 1 Diabetic Rats. Cell Transplantation, 2018, 27, 1744-1752.	2.5	29
88	Exosome-mediated amplification of endogenous brain repair mechanisms and brain and systemic organ interaction in modulating neurological outcome after stroke. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 2165-2178.	4.3	51
89	Targeting microthrombosis and neuroinflammation with vepoloxamer for therapeutic neuroprotection after traumatic brain injury. Neural Regeneration Research, 2018, 13, 413.	3.0	2
90	MicroRNA-146a Promotes Oligodendrogenesis in Stroke. Molecular Neurobiology, 2017, 54, 227-237.	4.0	77

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91	White matter changes after stroke in type 2 diabetic rats measured by diffusion magnetic resonance imaging. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 241-251.	4.3	17
92	Exosomes Derived from Mesenchymal Stromal Cells Promote Axonal Growth of Cortical Neurons. Molecular Neurobiology, 2017, 54, 2659-2673.	4.0	228
93	Impairment of the glymphatic system after diabetes. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 1326-1337.	4.3	194
94	Identification of miRNomes associated with adult neurogenesis after stroke using Argonaute 2-based RNA sequencing. RNA Biology, 2017, 14, 488-499.	3.1	30
95	Treatment of traumatic brain injury in rats with N-acetyl-seryl-aspartyl-lysyl-proline. Journal of Neurosurgery, 2017, 126, 782-795.	1.6	36
96	Diffusion-Derived Magnetic Resonance Imaging Measures of Longitudinal Microstructural Remodeling Induced by Marrow Stromal Cell Therapy after Traumatic Brain Injury. Journal of Neurotrauma, 2017, 34, 182-191.	3.4	9
97	A parametric model of the brain vascular system for estimation of the arterial input function (AIF) at the tissue level. NMR in Biomedicine, 2017, 30, e3695.	2.8	15
98	An extended vascular model for less biased estimation of permeability parameters in DCEâ€•T1 images. NMR in Biomedicine, 2017, 30, e3698.	2.8	12
99	MicroRNA-17â€“92 Cluster in Exosomes Enhance Neuroplasticity and Functional Recovery After Stroke in Rats. Stroke, 2017, 48, 747-753.	2.0	424
100	MiR-146a promotes remyelination in a cuprizone model of demyelinating injury. Neuroscience, 2017, 348, 252-263.	2.3	52
101	Bloodâ€“Brain Barrier Disruption, Vascular Impairment, and Ischemia/Reperfusion Damage in Diabetic Stroke. Journal of the American Heart Association, 2017, 6, .	3.7	100
102	Demonstration of therapeutic window of Cerebrolysin in embolic stroke: A prospective, randomized, blinded, and placebo-controlled study. International Journal of Stroke, 2017, 12, 628-635.	5.9	7
103	ABCA1/ApoE/HDL Pathway Mediates GW3965-Induced Neurorestoration After Stroke. Stroke, 2017, 48, 459-467.	2.0	26
104	White matter damage and glymphatic dysfunction in a model of vascular dementia in rats with no prior vascular pathologies. Neurobiology of Aging, 2017, 50, 96-106.	3.1	93
105	Chronic global analysis of vascular permeability and cerebral blood flow after bone marrow stromal cell treatment of traumatic brain injury in the rat: A long-term MRI study. Brain Research, 2017, 1675, 61-70.	2.2	4
106	MicroRNA-146a Mimics Reduce the Peripheral Neuropathy in Type 2 Diabetic Mice. Diabetes, 2017, 66, 3111-3121.	0.6	110
107	The diabetic brain and cognition. Journal of Neural Transmission, 2017, 124, 1431-1454.	2.8	77
108	Brainâ€“Heart Interaction. Circulation Research, 2017, 121, 451-468.	4.5	331

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109	Systemic administration of cell-free exosomes generated by human bone marrow derived mesenchymal stem cells cultured under 2D and 3D conditions improves functional recovery in rats after traumatic brain injury. Neurochemistry International, 2017, 111, 69-81.	3.8	290
110	Thymosin Î²4 for the treatment of acute stroke in aged rats. Neuroscience Letters, 2017, 659, 7-13.	2.1	13
111	Epigenetics in Stroke Recovery. Genes, 2017, 8, 89.	2.4	30
112	D-4F increases microRNA-124a and reduces neuroinflammation in diabetic stroke rats. Oncotarget, 2017, 8, 95481-95494.	1.8	21
113	Emerging potential of exosomes for treatment of traumatic brain injury. Neural Regeneration Research, 2017, 12, 19.	3.0	123
114	PDE5 inhibitors promote recovery of peripheral neuropathy in diabetic mice. Neural Regeneration Research, 2017, 12, 218.	3.0	15
115	Abstract 156: Tailored Multipotent Mesenchymal Stromal Cell Harvested Exosomes Carrying Elevated miR-17-92 Cluster Enhance Neurovascular Remodeling & Improve Functional Recovery After Stroke in Rats. Stroke, 2017, 48, .	2.0	0
116	Abstract WMP46: Exosomes Derived From Bone Marrow Mesenchymal Stem Cells of Type Two Diabetes Rats Promotes Neurorestoration After Stroke in Type Two Diabetic Rats. Stroke, 2017, 48, .	2.0	4
117	Mesenchymal Stromal Cells Promote Axonal Outgrowth Alone and Synergistically with Astrocytes via tPA. PLoS ONE, 2016, 11, e0168345.	2.5	6
118	Diabetes Mellitus Impairs Cognitive Function in Middle-Aged Rats and Neurological Recovery in Middle-Aged Rats After Stroke. Stroke, 2016, 47, 2112-2118.	2.0	76
119	Thymosin beta 4 upâ€regulates miRâ€200a expression and induces differentiation and survival of rat brain progenitor cells. Journal of Neurochemistry, 2016, 136, 118-132.	3.9	30
120	Density-Dependent Regulation of Glioma Cell Proliferation and Invasion Mediated by miR-9. Cancer Microenvironment, 2016, 9, 149-159.	3.1	8
121	Exosomes as Tools to Suppress Primary Brain Tumor. Cellular and Molecular Neurobiology, 2016, 36, 343-352.	3.3	65
122	MicroRNA 146a locally mediates distal axonal growth of dorsal root ganglia neurons under high glucose and sildenafil conditions. Neuroscience, 2016, 329, 43-53.	2.3	43
123	miR-145 Regulates Diabetes-Bone Marrow Stromal Cell-Induced Neurorestorative Effects in Diabetes Stroke Rats. Stem Cells Translational Medicine, 2016, 5, 1656-1667.	3.3	55
124	MiR-126 Contributes to Human Umbilical Cord Blood Cell-Induced Neurorestorative Effects After Stroke in Type-2 Diabetic Mice. Stem Cells, 2016, 34, 102-113.	3.2	58
125	Neurorestorative Responses to Delayed Human Mesenchymal Stromal Cells Treatment of Stroke in Type 2 Diabetic Rats. Stroke, 2016, 47, 2850-2858.	2.0	38
126	Function of neural stem cells in ischemic brain repair processes. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 2034-2043.	4.3	60

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127	Class IIa histone deacetylases affect neuronal remodeling and functional outcome after stroke. Neurochemistry International, 2016, 96, 24-31.	3.8	35
128	Cerebrolysin dose-dependently improves neurological outcome in rats after acute stroke: A prospective, randomized, blinded, and placebo-controlled study. International Journal of Stroke, 2016, 11, 347-355.	5.9	22
129	Thymosin beta4 promotes oligodendrogenesis in the demyelinating central nervous system. Neurobiology of Disease, 2016, 88, 85-95.	4.4	20
130	D-4F Decreases White Matter Damage After Stroke in Mice. Stroke, 2016, 47, 214-220.	2.0	27
131	Astrocytes, therapeutic targets for neuroprotection and neurorestoration in ischemic stroke. Progress in Neurobiology, 2016, 144, 103-120.	5.7	434
132	Cell Treatment for Stroke in Type Two Diabetic Rats Improves Vascular Permeability Measured by MRI. PLoS ONE, 2016, 11, e0149147.	2.5	11
133	Tadalafil Promotes the Recovery of Peripheral Neuropathy in Type II Diabetic Mice. PLoS ONE, 2016, 11, e0159665.	2.5	17
134	Resting state fMRI connectivity analysis as a tool for detection of abnormalities in five different cognitive networks of the brain in MS patients. Clinical Case Reports and Reviews, 2016, 2, 464-471.	0.1	10
135	Neural Stem Cells and Ischemic Brain. Journal of Stroke, 2016, 18, 267-272.	3.2	29
136	Sildenafil Ameliorates Long Term Peripheral Neuropathy in Type II Diabetic Mice. PLoS ONE, 2015, 10, e0118134.	2.5	41
137	Therapeutic Benefit of Extended ThymosinÎ²4 Treatment Is Independent of Blood Glucose Level in Mice with Diabetic Peripheral Neuropathy. Journal of Diabetes Research, 2015, 2015, 1-13.	2.3	17
138	Models and mechanisms of vascular dementia. Experimental Neurology, 2015, 272, 97-108.	4.1	225
139	Experimental animal models and inflammatory cellular changes in cerebral ischemic and hemorrhagic stroke. Neuroscience Bulletin, 2015, 31, 717-734.	2.9	47
140	Overexpression of miR-145 in U87 cells reduces glioma cell malignant phenotype and promotes survival after in vivo implantation. International Journal of Oncology, 2015, 46, 1031-1038.	3.3	12
141	Persistent Cerebrovascular Damage After Stroke in Type Two Diabetic Rats Measured by Magnetic Resonance Imaging. Stroke, 2015, 46, 507-512.	2.0	35
142	Fingolimod treatment promotes proliferation and differentiation of oligodendrocyte progenitor cells in mice with experimental autoimmune encephalomyelitis. Neurobiology of Disease, 2015, 76, 57-66.	4.4	87
143	Thymosin Î²4 as a restorative/regenerative therapy for neurological injury and neurodegenerative diseases. Expert Opinion on Biological Therapy, 2015, 15, 9-12.	3.1	16
144	Deficiency of Brain ATP-Binding Cassette Transporter A-1 Exacerbates Bloodâ€“Brain Barrier and White Matter Damage After Stroke. Stroke, 2015, 46, 827-834.	2.0	50

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145	Emerging potential of exosomes and noncoding microRNAs for the treatment of neurological injury/diseases. Expert Opinion on Emerging Drugs, 2015, 20, 523-526.	2.4	59
146	Focal embolic cerebral ischemia in the rat. Nature Protocols, 2015, 10, 539-547.	12.0	73
147	MicroRNAs in the axon locally mediate the effects of chondroitin sulfate proteoglycans and cGMP on axonal growth. Developmental Neurobiology, 2015, 75, 1402-1419.	3.0	41
148	Promoting brain remodeling to aid in stroke recovery. Trends in Molecular Medicine, 2015, 21, 543-548.	6.7	61
149	Stroke Induces Nuclear Shuttling of Histone Deacetylase 4. Stroke, 2015, 46, 1909-1915.	2.0	31
150	Neurorestorative Therapy of Stroke in Type 2 Diabetes Mellitus Rats Treated With Human Umbilical Cord Blood Cells. Stroke, 2015, 46, 2599-2606.	2.0	59
151	An Analytical Model for Estimating Water Exchange Rate in White Matter Using Diffusion MRI. PLoS ONE, 2014, 9, e95921.	2.5	8
152	Exosomes/miRNAs as mediating cell-based therapy of stroke. Frontiers in Cellular Neuroscience, 2014, 8, 377.	3.7	250
153	<scp>HUCBC</scp>s Increase Angiopoietin 1 and Induce Neurorestorative Effects after Stroke in T1<scp>DM</scp> Rats. CNS Neuroscience and Therapeutics, 2014, 20, 935-944.	3.9	44
154	Down-regulation of Nogo-A by collagen scaffolds impregnated with bone marrow stromal cell treatment after traumatic brain injury promotes axonal regeneration in rats. Brain Research, 2014, 1542, 41-48.	2.2	20
155	Stem Cells as an Emerging Paradigm in Stroke 3. Stroke, 2014, 45, 634-639.	2.0	141
156	Thymosin Î²4 Up-regulation of MicroRNA-146a Promotes Oligodendrocyte Differentiation and Suppression of the Toll-like Proinflammatory Pathway. Journal of Biological Chemistry, 2014, 289, 19508-19518.	3.4	54
157	Histone deacetylase expression in white matter oligodendrocytes after stroke. Neurochemistry International, 2014, 77, 17-23.	3.8	36
158	Neurorestorative Therapy for Stroke. Frontiers in Human Neuroscience, 2014, 8, 382.	2.0	143
159	Degree of corticospinal tract damage correlates with motor function after stroke. Annals of Clinical and Translational Neurology, 2014, 1, 891-899.	3.7	54
160	Human Placenta-Derived Adherent Cell Treatment of Experimental Stroke Promotes Functional Recovery after Stroke in Young Adult and Older Rats. PLoS ONE, 2014, 9, e86621.	2.5	34
161	Plasminogen Deficiency Causes Reduced Corticospinal Axonal Plasticity and Functional Recovery after Stroke in Mice. PLoS ONE, 2014, 9, e94505.	2.5	9
162	Subacute Intranasal Administration of Tissue Plasminogen Activator Promotes Neuroplasticity and Improves Functional Recovery following Traumatic Brain Injury in Rats. PLoS ONE, 2014, 9, e106238.	2.5	29

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163	Stroke Increases Neural Stem Cells and Angiogenesis in the Neurogenic Niche of the Adult Mouse. PLoS ONE, 2014, 9, e113972.	2.5	80
164	Reactive astrocytes promote axonal remodeling and neurological recovery after stroke. Neural Regeneration Research, 2014, 9, 1874.	3.0	7
165	Magnetic Resonance Imaging of Stroke in the Rat. Bopuxue Zazhi, 2014, 31, 116-132.	1.0	5
166	Axonal Remodeling of the Corticospinal Tract in the Spinal Cord Contributes to Voluntary Motor Recovery After Stroke in Adult Mice. Stroke, 2013, 44, 1951-1956.	2.0	34
167	Perfusion and Diffusion Abnormalities of Multiple Sclerosis Lesions and Relevance of Classified Lesions to Disease Status. Journal of Neurology & Neurophysiology, 2013, s12, 12.	0.1	6
168	Oligodendrogenesis after cerebral ischemia. Frontiers in Cellular Neuroscience, 2013, 7, 201.	3.7	129
169	Abstract WMP38: Neurorestorative Therapy of Stroke in Type One Diabetes Rats with Human Umbilical Cord Blood Cell. Stroke, 2013, 44, .	2.0	0
170	Mild traumatic brain injury (MTBI) leads to spatial learning deficits. Brain Injury, 2012, 26, 151-165.	1.2	42
171	MRI of Bloodâ€“Brain Barrier Permeability in Cerebral Ischemia. Translational Stroke Research, 2012, 3, 56-64.	4.2	17
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