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## List of Publications by Year in descending order

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158  
papers

12,412  
citations

44069

48  
h-index

26613

107  
g-index

161  
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161  
docs citations

161  
times ranked

14907  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Science of Stroke: Mechanisms in Search of Treatments. <i>Neuron</i> , 2010, 67, 181-198.	8.1	1,628
2	Mechanisms, challenges and opportunities in stroke. <i>Nature Reviews Neuroscience</i> , 2003, 4, 399-414.	10.2	1,584
3	Transfer of mitochondria from astrocytes to neurons after stroke. <i>Nature</i> , 2016, 535, 551-555.	27.8	872
4	A new penumbra: transitioning from injury into repair after stroke. <i>Nature Medicine</i> , 2008, 14, 497-500.	30.7	536
5	MMP-9â€“Positive Neutrophil Infiltration Is Associated to Bloodâ€“Brain Barrier Breakdown and Basal Lamina Type IV Collagen Degradation During Hemorrhagic Transformation After Human Ischemic Stroke. <i>Stroke</i> , 2008, 39, 1121-1126.	2.0	466
6	Extracellular proteolysis in brain injury and inflammation: Role for plasminogen activators and matrix metalloproteinases. <i>Journal of Neuroscience Research</i> , 2002, 69, 1-9.	2.9	304
7	Evidence for Apoptosis After Intracerebral Hemorrhage in Rat Striatum. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 396-404.	4.3	246
8	Exciting, Radical, Suicidal. <i>Stroke</i> , 2005, 36, 189-192.	2.0	222
9	An Oligovascular Niche: Cerebral Endothelial Cells Promote the Survival and Proliferation of Oligodendrocyte Precursor Cells. <i>Journal of Neuroscience</i> , 2009, 29, 4351-4355.	3.6	214
10	Multiphasic roles for matrix metalloproteinases after stroke. <i>Current Opinion in Pharmacology</i> , 2008, 8, 82-89.	3.5	212
11	Quantifying the Microvascular Origin of BOLD-fMRI from First Principles with Two-Photon Microscopy and an Oxygen-Sensitive Nanoprobe. <i>Journal of Neuroscience</i> , 2015, 35, 3663-3675.	3.6	196
12	tPA and Proteolysis in the Neurovascular Unit. <i>Stroke</i> , 2004, 35, 354-356.	2.0	183
13	Reduction of Tissue Plasminogen Activator-Induced Hemorrhage and Brain Injury by Free Radical Spin Trapping after Embolic Focal Cerebral Ischemia in Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 452-457.	4.3	182
14	Neurovascular Proteases in Brain Injury, Hemorrhage and Remodeling After Stroke. <i>Stroke</i> , 2007, 38, 748-752.	2.0	170
15	Astrocytic high-mobility group box 1 promotes endothelial progenitor cell-mediated neurovascular remodeling during stroke recovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7505-7510.	7.1	170
16	Three-Dimensional Blood-Brain Barrier Model for in vitro Studies of Neurovascular Pathology. <i>Scientific Reports</i> , 2015, 5, 15222.	3.3	162
17	Supply-Demand Mismatch Transients in Susceptible Peri-infarct Hot Zones Explain the Origins of Spreading Injury Depolarizations. <i>Neuron</i> , 2015, 85, 1117-1131.	8.1	154
18	Anesthesia and Surgery Impair Bloodâ€“Brain Barrier and Cognitive Function in Mice. <i>Frontiers in Immunology</i> , 2017, 8, 902.	4.8	153

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19	Advances in Understanding the Pathophysiology of Lacunar Stroke. <i>JAMA Neurology</i> , 2018, 75, 1273.	9.0	151
20	Oligodendrocyte precursors induce early blood-brain barrier opening after white matter injury. <i>Journal of Clinical Investigation</i> , 2013, 123, 782-6.	8.2	140
21	Protecting Against Cerebrovascular Injury. <i>Stroke</i> , 2008, 39, 2538-2543.	2.0	130
22	Inhibition of Poly(ADP-Ribose) Polymerase. <i>Stroke</i> , 1998, 29, 830-836.	2.0	126
23	Dual effects of carbon monoxide on pericytes and neurogenesis in traumatic brain injury. <i>Nature Medicine</i> , 2016, 22, 1335-1341.	30.7	123
24	Essential role for ERK mitogen-activated protein kinase in matrix metalloproteinase-9 regulation in rat cortical astrocytes. <i>Glia</i> , 2003, 43, 254-264.	4.9	117
25	Neuronal Production of Lipocalin-2 as a Help-Me Signal for Glial Activation. <i>Stroke</i> , 2014, 45, 2085-2092.	2.0	117
26	Translational Stroke Research. <i>Stroke</i> , 2017, 48, 2632-2637.	2.0	108
27	Selective ROCK2 inhibition in focal cerebral ischemia. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 2-14.	3.7	104
28	Secondary Elevation of Extracellular Neurotransmitter Amino Acids in the Reperfusion Phase following Focal Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 114-124.	4.3	100
29	Extracellular Mitochondria in Cerebrospinal Fluid and Neurological Recovery After Subarachnoid Hemorrhage. <i>Stroke</i> , 2017, 48, 2231-2237.	2.0	95
30	Temporal Correlation Mapping Analysis of the Hemodynamic Penumbra in Mutant Mice Deficient in Endothelial Nitric Oxide Synthase Gene Expression. <i>Stroke</i> , 1996, 27, 1381-1385.	2.0	95
31	Astrocyte-Derived Pentraxin 3 Supports Blood-Brain Barrier Integrity Under Acute Phase of Stroke. <i>Stroke</i> , 2016, 47, 1094-1100.	2.0	86
32	Potential circadian effects on translational failure for neuroprotection. <i>Nature</i> , 2020, 582, 395-398.	27.8	85
33	Biphasic Mechanisms of Neurovascular Unit Injury and Protection in CNS Diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 302-315.	1.4	85
34	The future of neuroprotection in stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 129-135.	1.9	82
35	Astrocytes protect oligodendrocyte precursor cells via MEK/ERK and PI3K/Akt signaling. <i>Journal of Neuroscience Research</i> , 2010, 88, 758-763.	2.9	81
36	Tumor Necrosis Factor Alpha and Fas Receptor Contribute to Cognitive Deficits Independent of Cell Death after Concussive Traumatic Brain Injury in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 778-789.	4.3	81

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37	Heterogeneity of microglia and their differential roles in white matter pathology. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 1290-1298.	3.9	74

38 The Role of the PI3K Pathway in the Regeneration of the Damaged Brain by Neural Stem Cells after

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55	Lipocalin $\alpha_2$ enhances angiogenesis in rat brain endothelial cells via reactive oxygen species and iron $\alpha$ -dependent mechanisms. <i>Journal of Neurochemistry</i> , 2015, 132, 622-628.	3.9	43
56	Effects of ischemic post $\alpha$ -conditioning on neuronal $\langle$ sc $\rangle$ VEGF $\langle$ /sc $\rangle$ regulation and microglial polarization in a rat model of focal cerebral ischemia. <i>Journal of Neurochemistry</i> , 2018, 146, 160-172.	3.9	43
57	pH $\alpha$ -sensitive amide proton transfer effect dominates the magnetization transfer asymmetry contrast during acute ischemia $\alpha$ -quantification of multipool contribution to in vivo CEST MRI. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 1602-1608.	3.0	43
58	Effects of Postconditioning on Neurogenesis and Angiogenesis During the Recovery Phase After Focal Cerebral Ischemia. <i>Stroke</i> , 2015, 46, 2691-2694.	2.0	42
59	Patent Foramen Ovale (Pfo), Stroke and Pregnancy. <i>Journal of Investigative Medicine</i> , 2016, 64, 992-1000.	1.6	41
60	STAT-Dependent Upregulation of 12/15-Lipoxygenase Contributes to Neuronal Injury after Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 2043-2051.	4.3	40
61	Two-photon microscopic imaging of capillary red blood cell flux in mouse brain reveals vulnerability of cerebral white matter to hypoperfusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 501-512.	4.3	38
62	Circadian Biology and Stroke. <i>Stroke</i> , 2021, 52, 2180-2190.	2.0	38
63	Effects of normobaric oxygen on the progression of focal cerebral ischemia in rats. <i>Experimental Neurology</i> , 2013, 249, 33-38.	4.1	37
64	Neuroglobin promotes neurogenesis through Wnt signaling pathway. <i>Cell Death and Disease</i> , 2018, 9, 945.	6.3	37
65	Residual Shunt After Patent Foramen Ovale Closure and Long-Term Stroke Recurrence. <i>Annals of Internal Medicine</i> , 2020, 172, 717-725.	3.9	37
66	Role of Akt and Mammalian Target of Rapamycin in Functional Outcome after Concussive Brain Injury in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1531-1539.	4.3	36
67	Efficacy of Alteplase in a Mouse Model of Acute Ischemic Stroke. <i>Stroke</i> , 2016, 47, 1312-1318.	2.0	36
68	Oxidative Stress Biomarkers of Brain Damage. <i>Stroke</i> , 2018, 49, 630-637.	2.0	36
69	Endocrine Regulator rFGF21 (Recombinant Human Fibroblast Growth Factor 21) Improves Neurological Outcomes Following Focal Ischemic Stroke of Type 2 Diabetes Mellitus Male Mice. <i>Stroke</i> , 2018, 49, 3039-3049.	2.0	36
70	Early molecular oxidative stress biomarkers of ischemic penumbra in acute stroke. <i>Neurology</i> , 2019, 93, e1288-e1298.	1.1	36
71	12/15-Lipoxygenase Inhibition or Knockout Reduces Warfarin-Associated Hemorrhagic Transformation After Experimental Stroke. <i>Stroke</i> , 2017, 48, 445-451.	2.0	35
72	Cis P-tau underlies vascular contribution to cognitive impairment and dementia and can be effectively targeted by immunotherapy in mice. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	34

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73	Association of ischemic stroke onset time with presenting severity, acute progression, and long-term outcome: A cohort study. <i>PLoS Medicine</i> , 2022, 19, e1003910.	8.4	34
74	A potential gliovascular mechanism for microglial activation: differential phenotypic switching of microglia by endothelium versus astrocytes. <i>Journal of Neuroinflammation</i> , 2018, 15, 143.	7.2	33
75	A haemodynamic analysis of intracranial arteriovenous malformations. <i>Neurological Research</i> , 1993, 15, 51-55.	1.3	32
76	Cystathionine $\beta$ -Synthase Inhibition Is a Potential Therapeutic Approach to Treatment of Ischemic Injury. <i>ASN Neuro</i> , 2015, 7, 175909141557871.	2.7	32
77	AKAP12 Mediates Barrier Functions of Fibrotic Scars during CNS Repair. <i>PLoS ONE</i> , 2014, 9, e94695.	2.5	31
78	Proteomic signatures of serum albumin-bound proteins from stroke patients with and without endovascular closure of PFO are significantly different and suggest a novel mechanism for cholesterol efflux. <i>Clinical Proteomics</i> , 2015, 12, 2.	2.1	31
79	Adrenomedullin promotes differentiation of oligodendrocyte precursor cells into myelin-basic-protein expressing oligodendrocytes under pathological conditions in vitro. <i>Stem Cell Research</i> , 2015, 15, 68-74.	0.7	31
80	Effects of aging, hypertension and diabetes on the mouse brain and heart vasculomes. <i>Neurobiology of Disease</i> , 2019, 126, 117-123.	4.4	31
81	Prompt meningeal reconstruction mediated by oxygen-sensitive AKAP12 scaffolding protein after central nervous system injury. <i>Nature Communications</i> , 2014, 5, 4952.	12.8	30
82	A-Kinase Anchor Protein 12 Is Required for Oligodendrocyte Differentiation in Adult White Matter. <i>Stem Cells</i> , 2018, 36, 751-760.	3.2	27
83	Effects of lipocalin-2 on brain endothelial adhesion and permeability. <i>PLoS ONE</i> , 2019, 14, e0218965.	2.5	27
84	Annexin A2 is a Robo4 ligand that modulates ARF6 activation-associated cerebral trans-endothelial permeability. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2048-2060.	4.3	26
85	Differential roles of epigenetic regulators in the survival and differentiation of oligodendrocyte precursor cells. <i>Glia</i> , 2019, 67, 718-728.	4.9	26
86	Oligodendrogenesis after traumatic brain injury. <i>Behavioural Brain Research</i> , 2018, 340, 205-211.	2.2	25
87	White Matter Hyperintensity Volume Correlates with Matrix Metalloproteinase-2 in Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 1300-1306.	1.6	24
88	Interleukin-1 Receptor 1 Deletion in Focal and Diffuse Experimental Traumatic Brain Injury in Mice. <i>Journal of Neurotrauma</i> , 2019, 36, 370-379.	3.4	24
89	Promoting Neuro-Supportive Properties of Astrocytes with Epidermal Growth Factor Hydrogels. <i>Stem Cells Translational Medicine</i> , 2019, 8, 1242-1248.	3.3	24
90	Vascular Endothelial Growth Factor 165-Binding Heparan Sulfate Promotes Functional Recovery From Cerebral Ischemia. <i>Stroke</i> , 2020, 51, 2844-2853.	2.0	24

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91	Annexin A2 Plus Low-Dose Tissue Plasminogen Activator Combination Attenuates Cerebrovascular Dysfunction After Focal Embolic Stroke of Rats. <i>Translational Stroke Research</i> , 2017, 8, 549-559.	4.2	23
92	Thrombospondin-1 Gene Deficiency Worsens the Neurological Outcomes of Traumatic Brain Injury in Mice. <i>International Journal of Medical Sciences</i> , 2017, 14, 927-936.	2.5	22
93	Patent Foramen Ovale Attributable Cryptogenic Embolism With Thrombophilia Has Higher Risk for Recurrence and Responds to Closure. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2745-2752.	2.9	22
94	Combination Approaches to Attenuate Hemorrhagic Transformation After tPA Thrombolytic Therapy in Patients with Poststroke Hyperglycemia/Diabetes. <i>Advances in Pharmacology</i> , 2014, 71, 391-410.	2.0	21
95	Treatment with FTY720 has no beneficial effects on short-term outcome in an experimental model of intracerebral hemorrhage. <i>Experimental &amp; Translational Stroke Medicine</i> , 2016, 8, 1.	3.2	20
96	Genetic Inhibition of Receptor Interacting Protein Kinase-1 Reduces Cell Death and Improves Functional Outcome After Intracerebral Hemorrhage in Mice. <i>Stroke</i> , 2017, 48, 2549-2556.	2.0	20
97	Magnesium sulfate protects oligodendrocyte lineage cells in a rat cell-culture model of hypoxic-ischemic injury. <i>Neuroscience Research</i> , 2016, 106, 66-69.	1.9	19
98	Repetitive head injury in adolescent mice: A role for vascular inflammation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2196-2209.	4.3	19
99	CD47 deficiency improves neurological outcomes of traumatic brain injury in mice. <i>Neuroscience Letters</i> , 2017, 643, 125-130.	2.1	18
100	Impact of 12/15-Lipoxygenase on Brain Injury After Subarachnoid Hemorrhage. <i>Stroke</i> , 2019, 50, 520-523.	2.0	17
101	Translational Insights into Traumatic Brain Injury Occurring during Dabigatran or Warfarin Anticoagulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 870-875.	4.3	16
102	2013 Thomas Willis Award Lecture. <i>Stroke</i> , 2014, 45, 305-308.	2.0	16
103	Mechanisms, Imaging, and Therapy in Stroke Recovery. <i>Translational Stroke Research</i> , 2017, 8, 1-2.	4.2	16
104	Cell-specific activation of RIPK1 and MLKL after intracerebral hemorrhage in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1623-1633.	4.3	16
105	Effects of Controlled Cortical Impact on the Mouse Brain Vasculome. <i>Journal of Neurotrauma</i> , 2016, 33, 1303-1316.	3.4	15
106	CSF lipocalin-2 increases early in subarachnoid hemorrhage are associated with neuroinflammation and unfavorable outcome. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2524-2533.	4.3	15
107	Differential Effects of Isoxazole-9 on Neural Stem/Progenitor Cells, Oligodendrocyte Precursor Cells, and Endothelial Progenitor Cells. <i>PLoS ONE</i> , 2015, 10, e0138724.	2.5	14
108	Activation of microglial Toll-like receptor 3 promotes neuronal survival against cerebral ischemia. <i>Journal of Neurochemistry</i> , 2016, 136, 851-858.	3.9	14

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109	Soluble vascular endothelial-cadherin in CSF after subarachnoid hemorrhage. <i>Neurology</i> , 2020, 94, e1281-e1293.	1.1	14
110	Comparative transcriptome of neurons after oxygen-glucose deprivation: Potential differences in neuroprotection versus reperfusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 2236-2250.	4.3	13
111	Genetic inhibition of RIPK3 ameliorates functional outcome in controlled cortical impact independent of necroptosis. <i>Cell Death and Disease</i> , 2021, 12, 1064.	6.3	13
112	Disruption of Ninjurin1 Leads to Repetitive and Anxiety-Like Behaviors in Mice. <i>Molecular Neurobiology</i> , 2017, 54, 7353-7368.	4.0	12
113	Discovery of a novel 2,3,11,11a-tetrahydro-1H-pyrazino[1,2-b]isoquinoline-1,4(6H)-dione series promoting neurogenesis of human neural progenitor cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3748-3753.	2.2	11
114	Neuregulin1 <sup>ΔE2</sup> decreases interleukin-1 <sup>ΔE2</sup> -induced RhoA activation, myosin light chain phosphorylation, and endothelial hyperpermeability. <i>Journal of Neurochemistry</i> , 2016, 136, 250-257.	3.9	11
115	Intracerebral Hemorrhage Formation Under Direct Oral Anticoagulants. <i>Stroke</i> , 2019, 50, 1034-1042.	2.0	11
116	Mature Adult Mice With Exercise-Preconditioning Show Better Recovery After Intracerebral Hemorrhage. <i>Stroke</i> , 2021, 52, 1861-1865.	2.0	11
117	Wiring and plumbing: Oligodendrocyte precursors and angiogenesis in the oligovascular niche. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2132-2133.	4.3	11
118	Combination Low-Dose Tissue-Type Plasminogen Activator Plus Annexin A2 for Improving Thrombolytic Stroke Therapy. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 397.	3.7	10
119	Low dose tPA plus annexin A2 combination attenuates tPA delayed treatment- associated hemorrhage and improves recovery in rat embolic focal stroke. <i>Neuroscience Letters</i> , 2015, 602, 73-78.	2.1	10
120	Effect of Patent Foramen Ovale Closure After Stroke on Circulatory Biomarkers. <i>Neurology</i> , 2021, 97, e203-e214.	1.1	10
121	Brief overview: Protective roles of astrocyte-derived pentraxin-3 in blood-brain barrier integrity. <i>Brain Circulation</i> , 2019, 5, 145.	1.8	10
122	Hemodynamic alterations in focal cerebral ischemia: Temporal correlation analysis for functional imaging. <i>Neurological Research</i> , 1996, 18, 150-156.	1.3	9
123	The Pharmacokinetics and Pharmacodynamics of Kollidon VA64 Dissociate its Protective Effects from Membrane Resealing after Controlled Cortical Impact in Mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1347-1353.	4.3	9
124	Opening the time window. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2539-2540.	4.3	9
125	Biomaterials for Stroke Therapy. <i>Stroke</i> , 2019, 50, 2278-2284.	2.0	9
126	Microglial responses after phagocytosis: <i>Escherichia coli</i> bioparticles, but not cell debris or amyloid beta, induce matrix metalloproteinase-9 secretion in cultured rat primary microglial cells. <i>Glia</i> , 2020, 68, 1435-1444.	4.9	9

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127	Repetitive Mild Closed Head Injury in Adolescent Mice Is Associated with Impaired Proteostasis, Neuroinflammation, and Tauopathy. <i>Journal of Neuroscience</i> , 2022, 42, 2418-2432.	3.6	9
128	Plasma Glycoproteomic Study of Therapeutic Hypothermia Reveals Novel Markers Predicting Neurologic Outcome Post-cardiac Arrest. <i>Translational Stroke Research</i> , 2018, 9, 64-73.	4.2	8
129	Modulator of apoptosis-1 is a potential therapeutic target in acute ischemic injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2406-2418.	4.3	8
130	Biphasic roles of pentraxin 3 in cerebrovascular function after white matter stroke. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 60-70.	3.9	8
131	Leaky memories: Impact of <i>APOE4</i> on blood-brain barrier and dementia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1912-1914.	4.3	7
132	Blood-Brain Barrier Mechanisms in Stroke and Trauma. <i>Handbook of Experimental Pharmacology</i> , 2020, , 267-293.	1.8	7
133	From in vitro to in vivo reprogramming for neural transdifferentiation: An approach for CNS tissue remodeling using stem cell technology. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1739-1751.	4.3	6
134	ErbB3 is a critical regulator of cytoskeletal dynamics in brain microvascular endothelial cells: Implications for vascular remodeling and blood brain barrier modulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2242-2255.	4.3	6
135	CCL2 (C-C Motif Chemokine Ligand 2) Biomarker Responses in Central Versus Peripheral Compartments After Focal Cerebral Ischemia. <i>Stroke</i> , 2021, 52, 3670-3679.	2.0	6
136	AmpliSeq Transcriptome of Laser Captured Neurons from Alzheimer Brain: Comparison of Single Cell Versus Neuron Pools. , 2019, 10, 1146.		5
137	Transcriptome Profiling of Mouse Corpus Callosum After Cerebral Hypoperfusion. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 685261.	3.7	5
138	Brief review: Can modulating DNA methylation state help the clinical application of oligodendrocyte precursor cells as a source of stem cell therapy?. <i>Brain Research</i> , 2019, 1723, 146386.	2.2	4
139	Hippocampal Transcriptome Changes After Subarachnoid Hemorrhage in Mice. <i>Frontiers in Neurology</i> , 2021, 12, 691631.	2.4	4
140	Roles of A-kinase Anchor Protein 12 in Astrocyte and Oligodendrocyte Precursor Cell in Postnatal Corpus Callosum. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 1446-1455.	3.8	3
141	Residual Shunt After Patent Foramen Ovale Closure and Long-Term Stroke Recurrence. <i>Annals of Internal Medicine</i> , 2020, 173, 946-947.	3.9	3
142	From cell to cell: The breakdown of intercellular connectivity after stroke and how to regain contact. <i>Brain Research</i> , 2015, 1623, 1-2.	2.2	2
143	EphrinB2-EphB2 signaling for dendrite protection after neuronal ischemia in vivo and oxygen-glucose deprivation in vitro. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 41, 0271678X2097311.	4.3	2
144	High Mobility Group A1 Regulates Transcription Levels of Oligodendrocyte Marker Genes in Cultured Oligodendrocyte Precursor Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2236.	4.1	2

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145	International Collaborations Are Essential for Stroke. <i>Stroke</i> , 2019, 50, 2993-2994.	2.0	1
146	Observation of Collagen-Containing Lesions After Hematoma Resolution in Intracerebral Hemorrhage. <i>Stroke</i> , 2021, 52, 1856-1860.	2.0	1
147	Treadmill Exercise During Cerebral Hypoperfusion Has Only Limited Effects on Cognitive Function in Middle-Aged Subcortical Ischemic Vascular Dementia Mice. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 756537.	3.4	1
148	The brain vasculome. , 2022, , 427-438.		1
149	Tissue plasminogen activator and hemorrhagic brain injury. , 2002, , 181-191.		0
150	Response to Letter by Kelsen et al. <i>Stroke</i> , 2008, 39, .	2.0	0
151	Introduction to the special issue honoring Richard Traystman. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 2055-2056.	4.3	0
152	Gliovascular Mechanisms and White Matter Injury in Vascular Cognitive Impairment and Dementia. , 2022, , 153-160.e4.		0
153	Does the penumbra recover: Pharmacological versus hemodynamic interventions. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S704-S704.	4.3	0
154	Spatio-temporal dynamics of infarct evolution using MR-based prediction algorithms. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, S538-S538.	4.3	0
155	Abstract TP66: Quantitative Proteomic Profile of Tissue Plasminogen Activator (tPA) Responders. <i>Stroke</i> , 2013, 44, .	2.0	0
156	Abstract TP430: Plasma Proteomic Changes Persist in Long Term Follow-up of Patent Foramen Ovale Related Stroke Patients after PFO Closure. <i>Stroke</i> , 2013, 44, .	2.0	0
157	Large Arteriolar Component of Oxygen Delivery Implies Safe Margin of Oxygen Supply to Cerebral Tissue. <i>FASEB Journal</i> , 2015, 29, 794.1.	0.5	0
158	Abstract TP432: Glyco-proteomic Study of Therapeutic Hypothermia in Global Ischemic Brain Injury Post Cardiac Arrest. <i>Stroke</i> , 2013, 44, .	2.0	0