

Systemic Inflammation Alters the Kinetics of Cerebrovascular Flow after Experimental Stroke in Mice

Journal of Neuroscience

28, 9451-9462

DOI: [10.1523/jneurosci.2674-08.2008](https://doi.org/10.1523/jneurosci.2674-08.2008)

Citation Report

#	ARTICLE	IF	CITATIONS
1	An experimental platform for systemic drug delivery to the retina. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17817-17822.	3.3	71
2	Therapeutic Administration of Plasminogen Activator Inhibitor-1 Prevents Hypoxic-Ischemic Brain Injury in Newborns. Journal of Neuroscience, 2009, 29, 8669-8674.	1.7	44
3	Bone marrow-derived cells are the major source of MMP-9 contributing to blood-brain barrier dysfunction and infarct formation after ischemic stroke in mice. Brain Research, 2009, 1294, 183-192.	1.1	59
4	Impaired blood-brain and blood-spinal cord barriers in mutant SOD1-linked ALS rat. Brain Research, 2009, 1301, 152-162.	1.1	139
5	Microglial Low-Density Lipoprotein Receptor-Related Protein 1 Mediates the Effect of Tissue-Type Plasminogen Activator on Matrix Metalloproteinase-9 Activity in the Ischemic Brain. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1946-1954.	2.4	54
6	Bench-to-bedside review: Burn-induced cerebral inflammation - a neglected entity?. Critical Care, 2009, 13, 215.	2.5	41
7	CD47 gene knockout protects against transient focal cerebral ischemia in mice. Experimental Neurology, 2009, 217, 165-170.	2.0	52
8	Systemic infection, inflammation and acute ischemic stroke. Neuroscience, 2009, 158, 1049-1061.	1.1	280
9	Altered expression of tight junction proteins and matrix metalloproteinases in thiamine-deficient mouse brain. Neurochemistry International, 2009, 55, 275-281.	1.9	26
10	Estrogen treatment following severe burn injury reduces brain inflammation and apoptotic signaling. Journal of Neuroinflammation, 2009, 6, 30.	3.1	61
11	Suppression of inflammation in ischemic and hemorrhagic stroke: therapeutic options. Current Opinion in Neurology, 2009, 22, 294-301.	1.8	119
12	Anamnestic Recall of Stroke-Related Deficits. Stroke, 2010, 41, 2653-2660.	1.0	15
13	Oxidized Low-Density Lipoprotein-Induced Matrix Metalloproteinase-9 Expression via PKC- δ /p42/p44 MAPK/Elk-1 Cascade in Brain Astrocytes. Neurotoxicity Research, 2010, 17, 50-65.	1.3	26
14	Lipoteichoic Acid Induces Matrix Metalloproteinase-9 Expression via Transactivation of PDGF Receptors and NF- κ B Activation in Rat Brain Astrocytes. Neurotoxicity Research, 2010, 17, 344-359.	1.3	25
15	Nigral neurodegeneration triggered by striatal AdIL-1 administration can be exacerbated by systemic IL-1 expression. Journal of Neuroimmunology, 2010, 222, 29-39.	1.1	44
16	Molecular insights and therapeutic targets for blood-brain barrier disruption in ischemic stroke: Critical role of matrix metalloproteinases and tissue-type plasminogen activator. Neurobiology of Disease, 2010, 38, 376-385.	2.1	234
17	A novel quantification of blood-brain barrier damage and histochemical typing after embolic stroke in rats. Brain Research, 2010, 1359, 186-200.	1.1	59
18	Differential distribution of tight junction proteins suggests a role for tanycytes in blood-brain barrier regulation in the adult mouse brain. Journal of Comparative Neurology, 2010, 518, 943-962.	0.9	254

#	ARTICLE	IF	CITATIONS
19	Rapid brain penetration of interleukin-1 receptor antagonist in rat cerebral ischaemia: pharmacokinetics, distribution, protection. <i>British Journal of Pharmacology</i> , 2010, 160, 153-159.	2.7	65
20	Increased intranuclear matrix metalloproteinase activity in neurons interferes with oxidative DNA repair in focal cerebral ischemia. <i>Journal of Neurochemistry</i> , 2010, 112, 134-149.	2.1	118
21	Endothelin-1 enhances cell migration via matrix metalloproteinase-9 up-regulation in brain astrocytes. <i>Journal of Neurochemistry</i> , 2010, 113, 1133-1149.	2.1	27
22	Ulcerative colitis exacerbates lipopolysaccharide-induced damage to the nigral dopaminergic system: potential risk factor in Parkinson's disease. <i>Journal of Neurochemistry</i> , 2010, 114, 1687-1700.	2.1	169
23	Increased Brain Microvascular MMP-9 and Incidence of Haemorrhagic Transformation in Obese Mice after Experimental Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 267-272.	2.4	63
24	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, 1450-1459.	2.4	30
25	Amphetamine toxicities. <i>Annals of the New York Academy of Sciences</i> , 2010, 1187, 101-121.	1.8	232
26	Symptomatic Hemorrhagic Transformation and Its Predictors in Acute Ischemic Stroke with Atrial Fibrillation. <i>European Neurology</i> , 2010, 64, 193-200.	0.6	58
27	Chronic Systemic Infection Exacerbates Ischemic Brain Damage via a CCL5 (Regulated on Activation, Tj ETQq0 0 0 rgBT /Overlock 10 Tf Neuroscience, 2010, 30, 10086-10095.	1.7	119
28	Low-Dose Lipopolysaccharide Selectively Sensitizes Hypoxic Ischemia-Induced White Matter Injury in the Immature Brain. <i>Pediatric Research</i> , 2010, 68, 41-47.	1.1	53
29	Inflammatory mechanisms in ischemic stroke: role of inflammatory cells. <i>Journal of Leukocyte Biology</i> , 2010, 87, 779-789.	1.5	1,281
30	Membrane attack complex inhibitor CD59a protects against focal cerebral ischemia in mice. <i>Journal of Neuroinflammation</i> , 2010, 7, 15.	3.1	49
31	Calmodulin kinase II-dependent transactivation of PDGF receptors mediates astrocytic MMP-9 expression and cell motility induced by lipoteichoic acid. <i>Journal of Neuroinflammation</i> , 2010, 7, 84.	3.1	32
32	MMP-9 levels in elderly patients with cognitive dysfunction after carotid surgery. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 436-440.	0.8	24
33	The clinical spectrum and immunobiology of parainfectious neuromyelitis optica (Devic) syndromes. <i>Journal of Autoimmunity</i> , 2010, 34, 371-379.	3.0	121
34	Inflammation and brain injury: Acute cerebral ischaemia, peripheral and central inflammation. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 708-723.	2.0	251
35	Connection between inflammatory processes and transmitter function—Modulatory effects of interleukin-1. <i>Progress in Neurobiology</i> , 2010, 90, 256-262.	2.8	32
36	The Blood—Brain Barrier: Geriatric Relevance of a Critical Brain—Body Interface. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 1749-1757.	1.3	99

#	ARTICLE	IF	CITATIONS
37	Progesterone and allopregnanolone attenuate blood-brain barrier dysfunction following permanent focal ischemia by regulating the expression of matrix metalloproteinases. <i>Experimental Neurology</i> , 2010, 226, 183-190.	2.0	141
38	The LTB4-BLT1 Axis Mediates Neutrophil Infiltration and Secondary Injury in Experimental Spinal Cord Injury. <i>American Journal of Pathology</i> , 2010, 176, 2352-2366.	1.9	148
39	Systemic Inflammation Modulates Fc Receptor Expression on Microglia during Chronic Neurodegeneration. <i>Journal of Immunology</i> , 2011, 186, 7215-7224.	0.4	109
40	Translational pharmacokinetics: challenges of an emerging approach to drug development in stroke. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2011, 7, 681-695.	1.5	9
41	Macrophages play a key role in early blood brain barrier reformation after hypothermic brain injury. <i>Neuroscience Letters</i> , 2011, 501, 148-151.	1.0	6
42	Matrix Metalloproteinase Inhibitors Attenuate Neuroinflammation Following Focal Cerebral Ischemia in Mice. <i>Korean Journal of Physiology and Pharmacology</i> , 2011, 15, 115.	0.6	25
43	Parkinson's Disease and Systemic Inflammation. <i>Parkinson's Disease</i> , 2011, 2011, 1-9.	0.6	148
44	Response to Letter by McColl et al Regarding Article, "Influenza Virus Infection Aggravates Stroke Outcome". <i>Stroke</i> , 2011, 42, .	1.0	0
45	Influenza Virus Infection Aggravates Stroke Outcome. <i>Stroke</i> , 2011, 42, 783-791.	1.0	104
46	Neutralization of interleukin-1 β reduces cerebral edema and tissue loss and improves late cognitive outcome following traumatic brain injury in mice. <i>European Journal of Neuroscience</i> , 2011, 34, 110-123.	1.2	126
47	Experimental Stroke-Induced Changes in the Bone Marrow Reveal Complex Regulation of Leukocyte Responses. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1036-1050.	2.4	61
48	Targeting the neurovascular unit for treatment of neurological disorders. , 2011, 130, 239-247.		64
49	Stroke and the immune system: from pathophysiology to new therapeutic strategies. <i>Lancet Neurology</i> , The, 2011, 10, 471-480.	4.9	415
50	Systemic inflammatory challenges compromise survival after experimental stroke via augmenting brain inflammation, blood-brain barrier damage and brain oedema independently of infarct size. <i>Journal of Neuroinflammation</i> , 2011, 8, 164.	3.1	140
51	Normobaric hyperoxia protects the blood brain barrier through inhibiting Nox2 containing NADPH oxidase in ischemic stroke. <i>Medical Gas Research</i> , 2011, 1, 22.	1.2	50
52	Transplanted Stem Cell-Secreted Vascular Endothelial Growth Factor Effects Poststroke Recovery, Inflammation, and Vascular Repair. <i>Stem Cells</i> , 2011, 29, 274-285.	1.4	219
53	Significance of marrow-derived nicotinamide adenine dinucleotide phosphate oxidase in experimental ischemic stroke. <i>Annals of Neurology</i> , 2011, 70, 606-615.	2.8	64
54	Synthetic gelatinases inhibitor attenuates electromagnetic pulse-induced blood-brain barrier disruption by inhibiting gelatinases-mediated ZO-1 degradation in rats. <i>Toxicology</i> , 2011, 285, 31-38.	2.0	27

#	ARTICLE	IF	CITATIONS
55	Phosphatidylinositol-3-Kinase Gamma Plays a Central Role in Bloodâ€”Brain Barrier Dysfunction in Acute Experimental Stroke. <i>Stroke</i> , 2011, 42, 2033-2044.	1.0	60
56	Astrocytes: Targets for Neuroprotection in Stroke. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2011, 11, 164-173.	0.5	257
57	Cognitive dysfunction with aging and the role of inflammation. <i>Therapeutic Advances in Chronic Disease</i> , 2011, 2, 175-195.	1.1	154
58	Cyclooxygenase-2 inhibitor blocks the production of West Nile virus-induced neuroinflammatory markers in astrocytes. <i>Journal of General Virology</i> , 2011, 92, 507-515.	1.3	27
59	Interleukin-1 and Stroke: Biomarker, Harbinger of Damage, and Therapeutic Target. <i>Cerebrovascular Diseases</i> , 2011, 32, 517-527.	0.8	103
60	Letter by McColl et al Regarding Article, â€œInfluenza Virus Infection Aggravates Stroke Outcomeâ€”: <i>Stroke</i> , 2011, 42, e416; author reply e417.	1.0	3
61	NLRP3-Inflammasome Activating DAMPs Stimulate an Inflammatory Response in Glia in the Absence of Priming Which Contributes to Brain Inflammation after Injury. <i>Frontiers in Immunology</i> , 2012, 3, 288.	2.2	161
62	Altered expression of tight junction molecules in alveolar septa in lung injury and fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L193-L205.	1.3	113
63	Ghrelin-mediated sympathoinhibition and suppression of inflammation in sepsis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E265-E272.	1.8	31
64	Delayed Administration of Interleukin-1 Receptor Antagonist Reduces Ischemic Brain Damage and Inflammation in Comorbid Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1810-1819.	2.4	122
65	Neutrophil Cerebrovascular Transmigration Triggers Rapid Neurotoxicity through Release of Proteases Associated with Decondensed DNA. <i>Journal of Immunology</i> , 2012, 189, 381-392.	0.4	174
66	Blood-Brain Barrier Integrity and Glial Support: Mechanisms that can be Targeted for Novel Therapeutic Approaches in Stroke. <i>Current Pharmaceutical Design</i> , 2012, 18, 3624-3644.	0.9	142
67	Functional neurological recovery after spinal cord injury is impaired in patients with infections. <i>Brain</i> , 2012, 135, 3238-3250.	3.7	132
68	The bloodâ€”brain barrier in health and disease. <i>Annals of Neurology</i> , 2012, 72, 648-672.	2.8	592
69	Spatiotemporal evolution of blood brain barrier damage and tissue infarction within the first 3h after ischemia onset. <i>Neurobiology of Disease</i> , 2012, 48, 309-316.	2.1	48
70	Intranuclear matrix metalloproteinases promote DNA damage and apoptosis induced by oxygenâ€”glucose deprivation in neurons. <i>Neuroscience</i> , 2012, 220, 277-290.	1.1	71
71	Attenuation of interleukin-1beta by pulsed electromagnetic fields after traumatic brain injury. <i>Neuroscience Letters</i> , 2012, 519, 4-8.	1.0	48
72	Peripheral inflammation increases the deleterious effect of CNS inflammation on the nigrostriatal dopaminergic system. <i>NeuroToxicology</i> , 2012, 33, 347-360.	1.4	87

#	ARTICLE	IF	CITATIONS
73	NADPH oxidase-mediated redox signal contributes to lipoteichoic acid-induced MMP-9 upregulation in brain astrocytes. <i>Journal of Neuroinflammation</i> , 2012, 9, 110.	3.1	55
74	JNK signaling is the shared pathway linking neuroinflammation, blood-brain barrier disruption, and oligodendroglial apoptosis in the white matter injury of the immature brain. <i>Journal of Neuroinflammation</i> , 2012, 9, 175.	3.1	99
75	Junctional Protein Regulation by Sphingosine Kinase 2 Contributes to Blood-Brain Barrier Protection in Hypoxic Preconditioning-Induced Cerebral Ischemic Tolerance. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1014-1023.	2.4	65
76	Surgery Upregulates High Mobility Group Box-1 and Disrupts the Blood-Brain Barrier causing Cognitive Dysfunction in Aged Rats. <i>CNS Neuroscience and Therapeutics</i> , 2012, 18, 994-1002.	1.9	152
77	Calcium Signaling at the Blood-Brain Barrier in Stroke. , 2012, , 129-163.		2
78	Early ghrelin treatment attenuates disruption of the blood brain barrier and apoptosis after traumatic brain injury through a UCP-2 mechanism. <i>Brain Research</i> , 2012, 1489, 140-148.	1.1	39
79	Î±1-Acid glycoprotein induced effects in rat brain microvessel endothelial cells. <i>Microvascular Research</i> , 2012, 84, 161-168.	1.1	15
80	DIDS Prevents Ischemic Membrane Degradation in Cultured Hippocampal Neurons by Inhibiting Matrix Metalloproteinase Release. <i>PLoS ONE</i> , 2012, 7, e43995.	1.1	10
81	Human stefin B normal and patho-physiological role: molecular and cellular aspects of amyloid-type aggregation of certain EPM1 mutants. <i>Frontiers in Molecular Neuroscience</i> , 2012, 5, 88.	1.4	14
82	Matrix Metalloproteinase-2-Mediated Occludin Degradation and Caveolin-1-Mediated Claudin-5 Redistribution Contribute to Blood-Brain Barrier Damage in Early Ischemic Stroke Stage. <i>Journal of Neuroscience</i> , 2012, 32, 3044-3057.	1.7	337
83	Blood-Brain Barrier Permeability Is Increased After Acute Adult Stroke But Not Neonatal Stroke in the Rat. <i>Journal of Neuroscience</i> , 2012, 32, 9588-9600.	1.7	191
84	The double-edged sword of inflammation after stroke: What sharpens each edge?. <i>Annals of Neurology</i> , 2012, 71, 729-731.	2.8	10
85	Systemic immune activation shapes stroke outcome. <i>Molecular and Cellular Neurosciences</i> , 2013, 53, 14-25.	1.0	67
86	Beneficial effects of (RS)-glucoraphanin on the tight junction dysfunction in a mouse model of restraint stress. <i>Life Sciences</i> , 2013, 93, 288-305.	2.0	12
87	Prevention of rt-PA induced blood-brain barrier component degradation by the poly(ADP-ribose)polymerase inhibitor PJ34 after ischemic stroke in mice. <i>Experimental Neurology</i> , 2013, 248, 416-428.	2.0	26
88	Mechanisms of neuroprotection by hemopexin: modeling the control of heme and iron homeostasis in brain neurons in inflammatory states. <i>Journal of Neurochemistry</i> , 2013, 125, 89-101.	2.1	57
89	Tumor necrosis factor receptor-associated factor 5 is an essential mediator of ischemic brain infarction. <i>Journal of Neurochemistry</i> , 2013, 126, 400-414.	2.1	36
90	Early Inhibition of MMP Activity in Ischemic Rat Brain Promotes Expression of Tight Junction Proteins and Angiogenesis During Recovery. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1104-1114.	2.4	122

#	ARTICLE	IF	CITATIONS
91	The Immune System in Stroke: Clinical Challenges and Their Translation to Experimental Research. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 867-887.	2.1	40
92	Post-stroke infections exacerbate ischemic brain injury in middle-aged rats: Immunomodulation and neuroprotection by progesterone. <i>Neuroscience</i> , 2013, 239, 92-102.	1.1	60
93	Inhibition of NF-kappaB activation by Pyrrolidine dithiocarbamate partially attenuates hippocampal MMP-9 activation and improves cognitive deficits in streptozotocin-induced diabetic rats. <i>Behavioural Brain Research</i> , 2013, 238, 44-47.	1.2	23
94	Role of Inflammation and Its Mediators in Acute Ischemic Stroke. <i>Journal of Cardiovascular Translational Research</i> , 2013, 6, 834-851.	1.1	351
95	Carcinoembryonic Antigen-Related Cell Adhesion Molecule 1 Inhibits MMP-9-Mediated Blood-Brain Barrier Breakdown in a Mouse Model for Ischemic Stroke. <i>Circulation Research</i> , 2013, 113, 1013-1022.	2.0	85
96	The protective effect of berberine against neuronal damage by inhibiting matrix metalloproteinase-9 and laminin degradation in experimental autoimmune encephalomyelitis. <i>Neurological Research</i> , 2013, 35, 360-368.	0.6	34
97	The Multifaceted Responses of Primary Human Astrocytes and Brain Microvascular Endothelial Cells to the Lyme Disease Spirochete, <i>Borrelia burgdorferi</i> . <i>ASN Neuro</i> , 2013, 5, AN20130010.	1.5	22
98	At low doses ethanol maintains blood-brain barrier (BBB) integrity after hypoxia and reoxygenation: a brain slice study. <i>Neurological Research</i> , 2013, 35, 790-797.	0.6	21
99	Ultra-Sensitive Molecular MRI of Vascular Cell Adhesion Molecule-1 Reveals a Dynamic Inflammatory Penumbra After Strokes. <i>Stroke</i> , 2013, 44, 1988-1996.	1.0	92
100	Magnetic Resonance Imaging Reveals Therapeutic Effects of Interferon-Beta on Cytokine-Induced Reactivation of Rat Model of Multiple Sclerosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 744-753.	2.4	14
101	Agricultural Exposures and Stroke Mortality in the Agricultural Health Study. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2013, 76, 798-814.	1.1	11
102	Matrix Metalloproteinases and Blood-Brain Barrier Disruption in Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2013, 4, 32.	1.1	292
103	3,6-Dithiothalidomide improves experimental stroke outcome by suppressing neuroinflammation. <i>Journal of Neuroscience Research</i> , 2013, 91, 671-680.	1.3	38
104	RNA in blood is altered prior to hemorrhagic transformation in ischemic stroke. <i>Annals of Neurology</i> , 2013, 74, 232-240.	2.8	47
105	Blood-Brain Barrier and Stroke. <i>Topics in Medicinal Chemistry</i> , 2013, , 91-116.	0.4	2
106	Inhibition of Calcium/Calmodulin-Dependent Protein Kinase Kinase $\hat{2}$ and Calcium/Calmodulin-Dependent Protein Kinase IV Is Detrimental in Cerebral Ischemia. <i>Stroke</i> , 2013, 44, 2559-2566.	1.0	57
107	The role of inflammation and interleukin-1 in acute cerebrovascular disease. <i>Journal of Inflammation Research</i> , 2013, 6, 121.	1.6	41
108	Combined Therapy of Iron Chelator and Antioxidant Completely Restores Brain Dysfunction Induced by Iron Toxicity. <i>PLoS ONE</i> , 2014, 9, e85115.	1.1	84

#	ARTICLE	IF	CITATIONS
109	Antigen-specific immune reactions to ischemic stroke. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 278.	1.8	54
110	The Use of ADSCs as a Treatment for Chronic Stroke. <i>Cell Transplantation</i> , 2014, 23, 541-547.	1.2	29
111	Systemic Inflammation Impairs Tissue Reperfusion Through Endothelin-Dependent Mechanisms in Cerebral Ischemia. <i>Stroke</i> , 2014, 45, 3412-3419.	1.0	42
112	Inhibition of matrix metalloproteinase-2 and 9 by Piroxicam confer neuroprotection in cerebral ischemia: An in silico evaluation of the hypothesis. <i>Medical Hypotheses</i> , 2014, 83, 697-701.	0.8	27
113	Non-muscle Mlck is required for Î²-catenin- and FoxO1-dependent downregulation of Cldn5 in IL-1Î²-mediated barrier dysfunction in brain endothelial cells. <i>Journal of Cell Science</i> , 2014, 127, 1840-1853.	1.2	59
114	Exacerbation of ischemic brain injury in hypercholesterolemic mice is associated with pronounced changes in peripheral and cerebral immune responses. <i>Neurobiology of Disease</i> , 2014, 62, 456-468.	2.1	46
115	Neurogenesis in neurological and psychiatric diseases and brain injury: From bench to bedside. <i>Progress in Neurobiology</i> , 2014, 115, 116-137.	2.8	69
116	Infection and injury of human astrocytes by tick-borne encephalitis virus. <i>Journal of General Virology</i> , 2014, 95, 2411-2426.	1.3	91
117	The Emerging Role of Autoimmunity in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/cfs). <i>Molecular Neurobiology</i> , 2014, 49, 741-756.	1.9	87
118	Current preclinical studies on neuroinflammation and changes in blood-brain barrier integrity by MDMA and methamphetamine. <i>Neuropharmacology</i> , 2014, 87, 125-134.	2.0	36
119	Long-term functional recovery and compensation after cerebral ischemia in rats. <i>Behavioural Brain Research</i> , 2014, 270, 18-28.	1.2	34
120	Barrier mechanisms in neonatal stroke. <i>Frontiers in Neuroscience</i> , 2014, 8, 359.	1.4	37
121	Interleukin-1 as a pharmacological target in acute brain injury. <i>Experimental Physiology</i> , 2015, 100, 1488-1494.	0.9	26
122	Inflammation in chronic obstructive pulmonary disease and its role in cardiovascular disease and lung cancer. <i>Clinical and Translational Medicine</i> , 2015, 4, 68.	1.7	187
123	Tuscan black kale sprout extract bioactivated with myrosinase: a novel natural product for neuroprotection by inflammatory and oxidative response during cerebral ischemia/reperfusion injury in rat. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 397.	3.7	15
124	Neutrophil Gelatinase-Associated Lipocalin and Matrix Metalloproteinase-9 as Potential Biomarkers for Stroke: A Pilot Study. <i>Journal of Neurology & Neurophysiology</i> , 2015, 06, .	0.1	3
125	Systemic Inflammation and the Brain: Novel Roles of Genetic, Molecular, and Environmental Cues as Drivers of Neurodegeneration. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 28.	1.8	248
126	Impact of methamphetamine on infection and immunity. <i>Frontiers in Neuroscience</i> , 2014, 8, 445.	1.4	80

#	ARTICLE	IF	CITATIONS
127	Blood-brain barrier dysfunction in disorders of the developing brain. <i>Frontiers in Neuroscience</i> , 2015, 9, 40.	1.4	119
128	Vitamin D Prevents Hypoxia/Reoxygenation-Induced Blood-Brain Barrier Disruption via Vitamin D Receptor-Mediated NF- κ B Signaling Pathways. <i>PLoS ONE</i> , 2015, 10, e0122821.	1.1	105
129	Hypoxia-controlled matrix metalloproteinase-9 hyperexpression promotes behavioral recovery after ischemia. <i>Neuroscience Bulletin</i> , 2015, 31, 550-560.	1.5	23
130	Inhibition of TNF- α protects in vitro brain barrier from ischaemic damage. <i>Molecular and Cellular Neurosciences</i> , 2015, 69, 65-79.	1.0	36
131	Mast Cells Promote Blood Brain Barrier Breakdown and Neutrophil Infiltration in a Mouse Model of Focal Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 638-647.	2.4	71
132	A Novel SPECT-Based Approach Reveals Early Mechanisms of Central and Peripheral Inflammation after Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1921-1929.	2.4	29
133	Astrocytes Are Primed by Chronic Neurodegeneration to Produce Exaggerated Chemokine and Cell Infiltration Responses to Acute Stimulation with the Cytokines IL-1 β and TNF- α . <i>Journal of Neuroscience</i> , 2015, 35, 8411-8422.	1.7	140
134	A possible molecular mechanism of hearing loss during cerebral ischemia in mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015, 93, 505-516.	0.7	11
135	Systemic inflammation as a therapeutic target in acute ischemic stroke. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 523-531.	1.4	134
136	Neuroprotective effect of the hairy root extract of <i>Angelica gigas</i> NAKAI on transient focal cerebral ischemia in rats through the regulation of angiogenesis. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 101.	3.7	37
137	Attenuation of acute stroke injury in rat brain by minocycline promotes blood-brain barrier remodeling and alternative microglia/macrophage activation during recovery. <i>Journal of Neuroinflammation</i> , 2015, 12, 26.	3.1	197
138	Targeting Neutrophils in Ischemic Stroke: Translational Insights from Experimental Studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 888-901.	2.4	405
139	Partially purified components of <i>Uncaria sinensis</i> attenuate blood brain barrier disruption after ischemic brain injury in mice. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 157.	3.7	10
140	17 β -Estradiol Ameliorates Tight Junction Disruption via Repression of MMP Transcription. <i>Molecular Endocrinology</i> , 2015, 29, 1347-1361.	3.7	45
141	Matrix Metalloproteinase-12 Induces Blood-Brain Barrier Damage After Focal Cerebral Ischemia. <i>Stroke</i> , 2015, 46, 3523-3531.	1.0	63
142	Thinking outside the brain for cognitive improvement: Is peripheral immunomodulation on the way?. <i>Neuropharmacology</i> , 2015, 96, 94-104.	2.0	27
143	Calcium/calmodulin-dependent protein kinase kinase β is neuroprotective in stroke in aged mice. <i>European Journal of Neuroscience</i> , 2016, 44, 2139-2146.	1.2	16
144	Blood brain barrier breakdown was found in non-infarcted area after 2-h MCAO. <i>Journal of the Neurological Sciences</i> , 2016, 363, 63-68.	0.3	19

#	ARTICLE	IF	CITATIONS
145	COPD and stroke: are systemic inflammation and oxidative stress the missing links?. <i>Clinical Science</i> , 2016, 130, 1039-1050.	1.8	138
146	Non-Neuronal Mechanisms of Brain Damage and Repair After Stroke. <i>Springer Series in Translational Stroke Research</i> , 2016, , .	0.1	1
147	Antigen Presentation After Stroke. <i>Neurotherapeutics</i> , 2016, 13, 719-728.	2.1	29
148	Interleukin-1 in Stroke. <i>Stroke</i> , 2016, 47, 2160-2167.	1.0	104
149	Systemic inflammation affects reperfusion following transient cerebral ischaemia. <i>Experimental Neurology</i> , 2016, 277, 252-260.	2.0	23
150	The extracellular matrix protein laminin-10 promotes bloodâ€“brain barrier repair after hypoxia and inflammation in vitro. <i>Journal of Neuroinflammation</i> , 2016, 13, 25.	3.1	54
151	Omega-3 polyunsaturated fatty acids mitigate bloodâ€“brain barrier disruption after hypoxicâ€“ischemic brain injury. <i>Neurobiology of Disease</i> , 2016, 91, 37-46.	2.1	70
152	Nitric Oxide Interacts with Caveolin-1 to Facilitate Autophagy-Lysosome-Mediated Claudin-5 Degradation in Oxygen-Glucose Deprivation-Treated Endothelial Cells. <i>Molecular Neurobiology</i> , 2016, 53, 5935-5947.	1.9	64
153	Clematichinenoside protects blood brain barrier against ischemic stroke superimposed on systemic inflammatory challenges through up-regulating A20. <i>Brain, Behavior, and Immunity</i> , 2016, 51, 56-69.	2.0	42
154	Leukemia Inhibitory Factor Protects Neurons from Ischemic Damage via Upregulation of Superoxide Dismutase 3. <i>Molecular Neurobiology</i> , 2017, 54, 608-622.	1.9	32
155	Polarization of Microglia/Macrophages in Brain Ischaemia: Relevance for Stroke Therapy. <i>Springer Series in Translational Stroke Research</i> , 2017, , 303-328.	0.1	0
156	PDZRN3 destabilizes endothelial cell-cell junctions through a PKCÎ¶-containing polarity complex to increase vascular permeability. <i>Science Signaling</i> , 2017, 10, .	1.6	35
157	Intranasal Pretreatment with <i>Z-Ligustilide</i> , the Main Volatile Component of <i>Rhizoma Chuanxiong</i> , Confers Prophylaxis against Cerebral Ischemia via Nrf2 and HSP70 Signaling Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 1533-1542.	2.4	43
158	Hypoxia Response Element-Regulated MMP-9 Promotes Neurological Recovery via Glial Scar Degradation and Angiogenesis in Delayed Stroke. <i>Molecular Therapy</i> , 2017, 25, 1448-1459.	3.7	59
159	Cell-Derived Microparticles/Exosomes in Neuroinflammation. , 2017, , 139-159.		1
160	Therapeutic effects of anti-HMGB1 monoclonal antibody on pilocarpine-induced status epilepticus in mice. <i>Scientific Reports</i> , 2017, 7, 1179.	1.6	91
161	Blood-Brain Barrier Protection as a Therapeutic Strategy for Acute Ischemic Stroke. <i>AAPS Journal</i> , 2017, 19, 957-972.	2.2	130
162	The Interplay of MicroRNAs in the Inflammatory Mechanisms Following Ischemic Stroke. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 548-561.	0.9	61

#	ARTICLE	IF	CITATIONS
163	Effect of magnolol on cerebral injury and blood brain barrier dysfunction induced by ischemia-reperfusion in vivo and in vitro. <i>Metabolic Brain Disease</i> , 2017, 32, 1109-1118.	1.4	34
164	Dexamethasone suppresses JMJD3 gene activation via a putative negative glucocorticoid response element and maintains integrity of tight junctions in brain microvascular endothelial cells. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3695-3708.	2.4	28
165	Increased Plasma Matrix Metalloproteinase-9 Levels Contribute to Intracerebral Hemorrhage during Thrombolysis after Concomitant Stroke and Influenza Infection. <i>Cerebrovascular Diseases Extra</i> , 2017, 6, 50-59.	0.5	12
166	The effect of systemic inflammation on human brain barrier function. <i>Brain, Behavior, and Immunity</i> , 2017, 62, 35-40.	2.0	82
167	Blood-Brain Barrier and Cognitive Function. <i>Springer Series in Cognitive and Neural Systems</i> , 2017, , 713-740.	0.1	0
169	Role of Matrix Metalloproteinases in Brain Edema. , 2017, , 199-215.		2
170	Selective drug delivery approaches to lesioned brain through blood brain barrier disruption. <i>Expert Opinion on Drug Delivery</i> , 2018, 15, 335-349.	2.4	21
171	Immune responses in stroke: how the immune system contributes to damage and healing after stroke and how this knowledge could be translated to better cures?. <i>Immunology</i> , 2018, 154, 363-376.	2.0	117
172	Targeting RNS/caveolin-1/MMP signaling cascades to protect against cerebral ischemia-reperfusion injuries: potential application for drug discovery. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 669-682.	2.8	53
173	Sustained (S)-roscovitine delivery promotes neuroprotection associated with functional recovery and decrease in brain edema in a randomized blind focal cerebral ischemia study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1070-1084.	2.4	11
174	Infections in neuromyelitis optica spectrum disorder. <i>Journal of Clinical Neuroscience</i> , 2018, 47, 14-19.	0.8	29
175	Blood-brain barrier dysfunction and recovery after ischemic stroke. <i>Progress in Neurobiology</i> , 2018, 163-164, 144-171.	2.8	565
176	High serum sICAM-1 is correlated with cerebral microbleeds and hemorrhagic transformation in ischemic stroke patients. <i>British Journal of Neurosurgery</i> , 2018, 32, 631-636.	0.4	18
177	Executive (dys)function after stroke: special considerations for behavioral pharmacology. <i>Behavioural Pharmacology</i> , 2018, 29, 638-653.	0.8	31
178	Inflammatory cytokines and cells are potential markers for patients with cerebral apoplexy in intensive care unit. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 1014-1020.	0.8	9
179	The spleen as a neuroimmune interface after spinal cord injury. <i>Journal of Neuroimmunology</i> , 2018, 321, 1-11.	1.1	53
180	Chronic Obstructive Pulmonary Disease and Stroke. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2018, 15, 405-413.	0.7	35
181	TLR2 Ligand Pam3CSK4 Regulates MMP-2/9 Expression by MAPK/NF- κ B Signaling Pathways in Primary Brain Microvascular Endothelial Cells. <i>Neurochemical Research</i> , 2018, 43, 1897-1904.	1.6	24

#	ARTICLE	IF	CITATIONS
182	Association between matrix metalloproteinase family gene polymorphisms and risk of ischemic stroke: A systematic review and meta-analysis of 29 studies. <i>Gene</i> , 2018, 672, 180-194.	1.0	36
183	Old Dog New Tricks; Revisiting How Stroke Modulates the Systemic Immune Landscape. <i>Frontiers in Neurology</i> , 2019, 10, 718.	1.1	29
184	Selective Liposomal Transport through Blood Brain Barrier Disruption in Ischemic Stroke Reveals Two Distinct Therapeutic Opportunities. <i>ACS Nano</i> , 2019, 13, 12470-12486.	7.3	66
185	Lipopolysaccharide induces neuroglia activation and NF- κ B activation in cerebral cortex of adult mice. <i>Laboratory Animal Research</i> , 2019, 35, 19.	1.1	31
186	The isolation and molecular characterization of cerebral microvessels. <i>Nature Protocols</i> , 2019, 14, 3059-3081.	5.5	71
187	MMPs and ADAMs in neurological infectious diseases and multiple sclerosis. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3097-3116.	2.4	46
188	Neurocognitive Disorders in Heart Failure: Novel Pathophysiological Mechanisms Underpinning Memory Loss and Learning Impairment. <i>Molecular Neurobiology</i> , 2019, 56, 8035-8051.	1.9	30
189	Cilostazol ameliorates ischemia/reperfusion-induced tight junction disruption in brain endothelial cells by inhibiting endoplasmic reticulum stress. <i>FASEB Journal</i> , 2019, 33, 10152-10164.	0.2	29
190	Cryptotanshinone Attenuates Oxygen-Glucose Deprivation/ Recovery-Induced Injury in an in vitro Model of Neurovascular Unit. <i>Frontiers in Neurology</i> , 2019, 10, 381.	1.1	18
191	Combining Ceftriaxone with Doxycycline and Daptomycin Reduces Mortality, Neuroinflammation, Brain Damage, and Hearing Loss in Infant Rat Pneumococcal Meningitis. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	17
192	Cerebrovascular inflammation: A critical trigger for neurovascular injury?. <i>Neurochemistry International</i> , 2019, 126, 165-177.	1.9	27
193	Role of the L-PGDS-PGD2-DP1 receptor axis in sleep regulation and neurologic outcomes. <i>Sleep</i> , 2019, 42, .	0.6	25
194	NLRP3 inflammasome in ischemic stroke: As possible therapeutic target. <i>International Journal of Stroke</i> , 2019, 14, 574-591.	2.9	101
195	Stroke and death risk in ventricular assist device patients varies by ISHLT infection category: An INTERMACS analysis. <i>Journal of Heart and Lung Transplantation</i> , 2019, 38, 721-730.	0.3	32
196	Basement membrane and stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 3-19.	2.4	46
197	Roles of blood-brain barrier integrins and extracellular matrix in stroke. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C252-C263.	2.1	51
198	Neuroinflammatory mechanisms of blood-brain barrier damage in ischemic stroke. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C135-C153.	2.1	462
199	Human stem cells transplanted into the rat stroke brain migrate to the spleen via lymphatic and inflammation pathways. <i>Haematologica</i> , 2019, 104, 1062-1073.	1.7	33

#	ARTICLE	IF	CITATIONS
200	Peroxisome Proliferator-Activated Receptor β Agonist Rosiglitazone Protects Blood-Brain Barrier Integrity Following Diffuse Axonal Injury by Decreasing the Levels of Inflammatory Mediators Through a Caveolin-1-Dependent Pathway. <i>Inflammation</i> , 2019, 42, 841-856.	1.7	21
201	Vitamin D deficiency increases blood-brain barrier dysfunction after ischemic stroke in male rats. <i>Experimental Neurology</i> , 2019, 312, 63-71.	2.0	34
202	AKT2 maintains brain endothelial claudin-5 expression and selective activation of IR/AKT2/FOXO1-signaling reverses barrier dysfunction. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 374-391.	2.4	24
203	Ligature-induced periodontitis induces systemic inflammation but does not alter acute outcome after stroke in mice. <i>International Journal of Stroke</i> , 2020, 15, 175-187.	2.9	18
204	Toll-like Receptor 4 Signaling and Downstream Neutrophilic Inflammation Mediate Endotoxemia-Enhanced Blood-Brain Labyrinth Barrier Trafficking. <i>Otology and Neurotology</i> , 2020, 41, 123-132.	0.7	12
205	Immunological mechanisms in poststroke dementia. <i>Current Opinion in Neurology</i> , 2020, 33, 30-36.	1.8	21
206	XQ-1H regulates Wnt/GSK3 β / β -catenin pathway and ameliorates the integrity of blood brain barrier in mice with acute ischemic stroke. <i>Brain Research Bulletin</i> , 2020, 164, 269-288.	1.4	15
207	PPAR β Activation-Mediated Egr-1 Inhibition Benefits Against Brain Injury in an Experimental Ischaemic Stroke Model. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105255.	0.7	5
208	Dynamic Changes in the Gut Microbiome at the Acute Stage of Ischemic Stroke in a Pig Model. <i>Frontiers in Neuroscience</i> , 2020, 14, 587986.	1.4	29
209	Serum IgG titers to periodontal pathogens predict 3-month outcome in ischemic stroke patients. <i>PLoS ONE</i> , 2020, 15, e0237185.	1.1	7
210	Cytomegalovirus Infection in an Adult Patient With Neuromyelitis Optica and Acute Hemorrhagic Rectal Ulcer: Case Report and Literature Review. <i>Frontiers in Immunology</i> , 2020, 11, 1634.	2.2	4
211	Blood-Brain Barrier: More Contributor to Disruption of Central Nervous System Homeostasis Than Victim in Neurological Disorders. <i>Frontiers in Neuroscience</i> , 2020, 14, 764.	1.4	62
212	Structure, Function, and Regulation of the Blood-Brain Barrier Tight Junction in Central Nervous System Disorders. <i>Frontiers in Physiology</i> , 2020, 11, 914.	1.3	184
213	NLRP3 inflammasomes are involved in the progression of postoperative cognitive dysfunction: from mechanism to treatment. <i>Neurosurgical Review</i> , 2021, 44, 1815-1831.	1.2	15
214	Stem Cell Therapy for Neurodegenerative Diseases: How Do Stem Cells Bypass the Blood-Brain Barrier and Home to the Brain?. <i>Stem Cells International</i> , 2020, 2020, 1-8.	1.2	16
215	Neutrophil extracellular traps released by neutrophils impair revascularization and vascular remodeling after stroke. <i>Nature Communications</i> , 2020, 11, 2488.	5.8	234
216	Mechanisms of Blood-Brain Barrier Dysfunction in Traumatic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3344.	1.8	113
217	Inflammation in Neurological Disorders: The Thin Boundary Between Brain and Periphery. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 191-210.	2.5	68

#	ARTICLE	IF	CITATIONS
218	The Local and Peripheral Immune Responses to Stroke: Implications for Therapeutic Development. <i>Neurotherapeutics</i> , 2020, 17, 414-435.	2.1	48
219	Basement Membrane Changes in Ischemic Stroke. <i>Stroke</i> , 2020, 51, 1344-1352.	1.0	30
220	Letter by Gao and Shao Regarding Article, "MicroRNA-126-3p/-5p Overexpression Attenuates Blood-Brain Barrier Disruption in a Mouse Model of Middle Cerebral Artery Occlusion". <i>Stroke</i> , 2020, 51, e66.	1.0	0
221	Mechanisms in blood-brain barrier opening and metabolism-challenged cerebrovascular ischemia with emphasis on ischemic stroke. <i>Metabolic Brain Disease</i> , 2020, 35, 851-868.	1.4	42
222	Acute cerebrovascular effects in juvenile coho salmon exposed to roadway runoff. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 103-109.	0.7	27
223	High-fat diet exacerbates lead-induced blood-brain barrier disruption by disrupting tight junction integrity. <i>Environmental Toxicology</i> , 2021, 36, 1412-1421.	2.1	17
224	Microglia-leucocyte axis in cerebral ischaemia and inflammation in the developing brain. <i>Acta Physiologica</i> , 2021, 233, e13674.	1.8	16
225	Inflammation: A Mediator Between Hypertension and Neurodegenerative Diseases. <i>American Journal of Hypertension</i> , 2021, 34, 1014-1030.	1.0	13
226	Prognostic Value of Neutrophil-to-Lymphocyte Ratio in Stroke: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2021, 12, 686983.	1.1	35
227	Brain Edema in Neurological Diseases. <i>Advances in Neurobiology</i> , 2011, , 125-168.	1.3	2
228	Modeling Risk Factors and Confounding Effects in Stroke. <i>Neuromethods</i> , 2010, , 93-119.	0.2	2
229	Therapeutic approaches to vascular protection in ischemic stroke. <i>Acta Medica Okayama</i> , 2011, 65, 219-23.	0.1	19
230	Relationship of gelatinases-tight junction proteins and blood-brain barrier permeability in the early stage of cerebral ischemia and reperfusion. <i>Neural Regeneration Research</i> , 2012, 7, 2405-12.	1.6	9
231	Fecal Transplantation from db/db Mice Treated with Sodium Butyrate Attenuates Ischemic Stroke Injury. <i>Microbiology Spectrum</i> , 2021, 9, e0004221.	1.2	32
233	Inflammatory Biomarkers of Brain Injury and Disease. , 2014, , 304-339.		0
234	Leukocyte Entry into the Brain. , 2015, , 356-403.		0
235	Modeling Risk Factors and Confounding Effects in Stroke. <i>Neuromethods</i> , 2016, , 93-122.	0.2	1
236	Roles of Neutrophils in Stroke. <i>Springer Series in Translational Stroke Research</i> , 2016, , 273-301.	0.1	0

#	ARTICLE	IF	CITATIONS
237	Aspects of Peptidylarginine Deiminase Regulation that May Predispose to Autoreactivity Against Citrullinated Proteins. , 2017, , 11-32.		0
241	Heat shock protein 90 inhibition by 17-Dimethylaminoethylamino-17-demethoxygeldanamycin protects blood-brain barrier integrity in cerebral ischemic stroke. American Journal of Translational Research (discontinued), 2015, 7, 1826-37.	0.0	24
242	Bone marrow derived mesenchymal stem cells alleviated brain injury via down-regulation of interleukin-1 β in focal cerebral ischemic rats. American Journal of Translational Research (discontinued), 2016, 8, 1541-50.	0.0	5
243	Post-ischemic treatment with azithromycin protects ganglion cells against retinal ischemia/reperfusion injury in the rat. Molecular Vision, 2017, 23, 911-921.	1.1	16
244	Reperfusion Injury after ischemic Stroke Study (RISKS): single-centre (Florence, Italy), prospective observational protocol study. BMJ Open, 2018, 8, e021183.	0.8	5
245	The NEDD8-activating enzyme inhibitor MLN4924 reduces ischemic brain injury in mice. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	19
246	HMGB1-Mediated Neutrophil Extracellular Trap Formation Exacerbates Intestinal Ischemia/Reperfusion-Induced Acute Lung Injury. Journal of Immunology, 2022, 208, 968-978.	0.4	40
247	Do Periodontal Pathogens or Associated Virulence Factors Have a Deleterious Effect on the Blood-Brain Barrier, Contributing to Alzheimer's Disease?. Journal of Alzheimer's Disease, 2022, 85, 957-973.	1.2	5
248	Reperfusion Injury after ischemic Stroke Study (RISKS): single-centre (Florence, Italy), prospective observational protocol study. BMJ Open, 2018, 8, e021183.	0.8	13
249	Relationships Among Gut Microbiota, Ischemic Stroke and Its Risk Factors: Based on Research Evidence. International Journal of General Medicine, 0, Volume 15, 2003-2023.	0.8	1
250	Caspase-1: A Promising Target for Preserving Blood-Brain Barrier Integrity in Acute Stroke. Frontiers in Molecular Neuroscience, 2022, 15, 856372.	1.4	9
251	Membrane-Free Stem Cell Extract Enhances Blood-Brain Barrier Integrity by Suppressing NF- κ B-Mediated Activation of NLRP3 Inflammasome in Mice with Ischemic Stroke. Life, 2022, 12, 503.	1.1	3
252	Advanced drug delivery system against ischemic stroke. Journal of Controlled Release, 2022, 344, 173-201.	4.8	23
253	Biological Implications of a Stroke Therapy Based in Neuroglobin Hyaluronate Nanoparticles. Neuroprotective Role and Molecular Bases. International Journal of Molecular Sciences, 2022, 23, 247.	1.8	3
254	Impact of Electronic Cigarette Vaping on Cerebral Ischemia: What We Know So Far. Translational Stroke Research, 2022, 13, 923-938.	2.3	6
258	The Immunity Protection of Central Nervous System Induced by Pseudorabies Virus DelgI/gE/TK in Mice. Frontiers in Microbiology, 2022, 13, 862907.	1.5	7
259	Shared Inflammatory Pathology of Stroke and COVID-19. International Journal of Molecular Sciences, 2022, 23, 5150.	1.8	6
260	Laser ablation: Heating up the anti-tumor response in the intracranial compartment. Advanced Drug Delivery Reviews, 2022, 185, 114311.	6.6	20

#	ARTICLE	IF	CITATIONS
261	The Construction and Analysis of Immune Infiltration and Competing Endogenous RNA Network in Acute Ischemic Stroke. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, .	1.7	6
262	Laminin as a Biomarker of Bloodâ€“Brain Barrier Disruption under Neuroinflammation: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6788.	1.8	8
263	New Strategies for Stroke Therapy: Nanoencapsulated Neuroglobin. <i>Pharmaceutics</i> , 2022, 14, 1737.	2.0	6
264	Infections and Tic Disorders. , 2022, , 146-168.		0
265	Researches on cognitive sequelae of burn injury: Current status and advances. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	3
266	Brain Maturation as a Fundamental Factor in Immune-Neurovascular Interactions in Stroke. <i>Translational Stroke Research</i> , 2024, 15, 69-86.	2.3	1
267	Pathological changes in the brain after peripheral burns. <i>Burns and Trauma</i> , 2023, 11, .	2.3	3
268	Icariin protects cerebral neural cells from ischemiaâ€“reperfusion injury in an <i>in vitro</i> model by lowering ROS production and intracellular calcium concentration. <i>Experimental and Therapeutic Medicine</i> , 2023, 25, .	0.8	1
269	Extracellular matrix proteins in construction and function of in vitro blood-brain barrier models. <i>Frontiers in Chemical Engineering</i> , 0, 5, .	1.3	2
270	PD-L1 promotes GSDMD-mediated NET release by maintaining the transcriptional activity of Stat3 in sepsis-associated encephalopathy. <i>International Journal of Biological Sciences</i> , 2023, 19, 1413-1429.	2.6	2