

The Ischemic Environment Drives Microglia and Macro

Frontiers in Neurology

6, 81

DOI: [10.3389/fneur.2015.00081](https://doi.org/10.3389/fneur.2015.00081)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Prolonged diet-induced obesity in mice modifies the inflammatory response and leads to worse outcome after stroke. <i>Journal of Neuroinflammation</i> , 2015, 12, 140.	3.1	55
2	Rehabilitation and plasticity following stroke: Insights from rodent models. <i>Neuroscience</i> , 2015, 311, 180-194.	1.1	69
3	Contribution of metabolic reprogramming to macrophage plasticity and function. <i>Seminars in Immunology</i> , 2015, 27, 267-275.	2.7	150
4	Distribution and Quantification of Choroidal Macrophages in Human Eyes With Age-Related Macular Degeneration. , 2016, 57, 5843.		79
5	Reducing GABAA-mediated inhibition improves forelimb motor function after focal cortical stroke in mice. <i>Scientific Reports</i> , 2016, 6, 37823.	1.6	61
6	Glucose consumption of inflammatory cells masks metabolic deficits in the brain. <i>NeuroImage</i> , 2016, 128, 54-62.	2.1	52
7	Functions and mechanisms of microglia/macrophages in neuroinflammation and neurogenesis after stroke. <i>Progress in Neurobiology</i> , 2016, 142, 23-44.	2.8	494
8	Macrophages are essential for maintaining a M2 protective response early after ischemic brain injury. <i>Neurobiology of Disease</i> , 2016, 96, 284-293.	2.1	82
9	Neuroprotective Properties of a Macrolide Antibiotic in a Mouse Model of Middle Cerebral Artery Occlusion: Characterization of the Immunomodulatory Effects and Validation of the Efficacy of Intravenous Administration. <i>Assay and Drug Development Technologies</i> , 2016, 14, 298-307.	0.6	21
10	Microglia and Monocyte-Derived Macrophages in Stroke. <i>Neurotherapeutics</i> , 2016, 13, 702-718.	2.1	105
11	Myeloperoxidase Inhibition Increases Neurogenesis after Ischemic Stroke. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 359, 262-272.	1.3	49
12	Mannan binding lectin-associated serine protease-2 (MASP-2) critically contributes to post-ischemic brain injury independent of MASP-1. <i>Journal of Neuroinflammation</i> , 2016, 13, 213.	3.1	59
13	Blood/Brain Biomarkers of Inflammation After Stroke and Their Association With Outcome: From C-Reactive Protein to Damage-Associated Molecular Patterns. <i>Neurotherapeutics</i> , 2016, 13, 671-684.	2.1	78
14	Osteopontin directly modulates cytokine expression of primary microglia and increases their survival. <i>Journal of Neuroimmunology</i> , 2016, 299, 130-138.	1.1	45
15	Cell Surface CD36 Protein in Monocyte/Macrophage Contributes to Phagocytosis during the Resolution Phase of Ischemic Stroke in Mice. <i>Journal of Biological Chemistry</i> , 2016, 291, 23654-23661.	1.6	96
16	Fumarate modulates the immune/inflammatory response and rescues nerve cells and neurological function after stroke in rats. <i>Journal of Neuroinflammation</i> , 2016, 13, 269.	3.1	67
17	In vivo inhibition of miR-155 significantly alters post-stroke inflammatory response. <i>Journal of Neuroinflammation</i> , 2016, 13, 287.	3.1	83
18	Lectin Complement Pathway and Its Bloody Interactions in Brain Ischemia. <i>Stroke</i> , 2016, 47, 3067-3073.	1.0	33

#	ARTICLE	IF	CITATIONS
19	The Role of Nonneuronal Nrf2 Pathway in Ischemic Stroke: Damage Control and Potential Tissue Repair. Springer Series in Translational Stroke Research, 2016, , 377-397.	0.1	1
20	Pathogenesis of <i>Taenia solium</i> taeniasis and cysticercosis. Parasite Immunology, 2016, 38, 136-146.	0.7	49
21	Inflammatory Disequilibrium in Stroke. Circulation Research, 2016, 119, 142-158.	2.0	190
22	Crosstalk between microglia and T cells contributes to brain damage and recovery after ischemic stroke. Neurological Research, 2016, 38, 495-503.	0.6	54
23	Sildenafil, a cyclic GMP phosphodiesterase inhibitor, induces microglial modulation after focal ischemia in the neonatal mouse brain. Journal of Neuroinflammation, 2016, 13, 95.	3.1	47
24	Neuronal deficiency of HIF prolyl 4-hydroxylase 2 in mice improves ischemic stroke recovery in an HIF dependent manner. Neurobiology of Disease, 2016, 91, 221-235.	2.1	41
25	Drug repurposing for immune modulation in acute ischemic stroke. Current Opinion in Pharmacology, 2016, 26, 124-130.	1.7	45
26	Neuroprotective impact of prothymosin alpha-derived hexapeptide against retinal ischemia–reperfusion. Neuroscience, 2016, 318, 206-218.	1.1	14
27	Fractalkine Receptor Deficiency Is Associated with Early Protection but Late Worsening of Outcome following Brain Trauma in Mice. Journal of Neurotrauma, 2016, 33, 1060-1072.	1.7	75
28	Azithromycin protects mice against ischemic stroke injury by promoting macrophage transition towards M2 phenotype. Experimental Neurology, 2016, 275, 116-125.	2.0	81
29	Female sex steroids and glia cells: Impact on multiple sclerosis lesion formation and fine tuning of the local neurodegenerative cellular network. Neuroscience and Biobehavioral Reviews, 2016, 67, 125-136.	2.9	28
30	Signal transduction and epigenetic mechanisms in the control of microglia activation during neuroinflammation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 339-351.	1.8	118
31	Polarization of Microglia/Macrophages in Brain Ischaemia: Relevance for Stroke Therapy. Springer Series in Translational Stroke Research, 2017, , 303-328.	0.1	0
32	Modulators of microglial activation and polarization after intracerebral haemorrhage. Nature Reviews Neurology, 2017, 13, 420-433.	4.9	552
33	Targeting resolution of neuroinflammation after ischemic stroke with a lipoxin A ₄ analog: Protective mechanisms and long-term effects on neurological recovery. Brain and Behavior, 2017, 7, e00688.	1.0	47
34	BCL6 mediates the effects of Gastrodin on promoting M2-like macrophage polarization and protecting against oxidative stress-induced apoptosis and cell death in macrophages. Biochemical and Biophysical Research Communications, 2017, 486, 458-464.	1.0	23
35	Targeting Extracellular Cyclophilin A Reduces Neuroinflammation and Extends Survival in a Mouse Model of Amyotrophic Lateral Sclerosis. Journal of Neuroscience, 2017, 37, 1413-1427.	1.7	42
36	Microglia in Physiology and Disease. Annual Review of Physiology, 2017, 79, 619-643.	5.6	1,011

#	ARTICLE	IF	CITATIONS
37	A 2B adenosine receptors stimulate IL-6 production in primary murine microglia through p38 MAPK kinase pathway. <i>Pharmacological Research</i> , 2017, 117, 9-19.	3.1	57
38	Inhibiting the Migration of M1 Microglia at Hyperacute Period Could Improve Outcome of tMCAO Rats. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 222-232.	1.9	28
39	The application of nanoparticles for neuroprotection in acute ischemic stroke. <i>Therapeutic Delivery</i> , 2017, 8, 915-928.	1.2	25
40	Microglial-mediated PDGF-CC activation increases cerebrovascular permeability during ischemic stroke. <i>Acta Neuropathologica</i> , 2017, 134, 585-604.	3.9	82
41	Gamma-Secretase Inhibitors Attenuate Neurotrauma and Neurogenic Acute Lung Injury in Rats by Rescuing the Accumulation of Hypertrophic Microglia. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 1726-1740.	1.1	12
42	Carotid Artery Stenting and Bloodâ€“Brain Barrier Permeability in Subjects with Chronic Carotid Artery Stenosis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1008.	1.8	11
43	miR-145-5p/Nurr1/TNF-Î± Signaling-Induced Microglia Activation Regulates Neuron Injury of Acute Cerebral Ischemic/Reperfusion in Rats. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 383.	1.4	55
44	Microglia at center stage: a comprehensive review about the versatile and unique residential macrophages of the central nervous system. <i>Oncotarget</i> , 2017, 8, 114393-114413.	0.8	87
45	Targeting CD14 on blood derived cells improves intracortical microelectrode performance. <i>Biomaterials</i> , 2018, 163, 163-173.	5.7	47
46	Blood biomarkers in ischemic stroke: potential role and challenges in clinical practice and research. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018, 55, 294-328.	2.7	85
47	Inhibition of HMGB1 mediates neuroprotection of traumatic brain injury by modulating the microglia/macrophage polarization. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 430-436.	1.0	53
48	The multifaceted link between inflammation and human diseases. <i>Journal of Cellular Physiology</i> , 2018, 233, 6458-6471.	2.0	97
49	What Do Experimental Models Teach Us About Comorbidities in Stroke?. <i>Stroke</i> , 2018, 49, 501-507.	1.0	18
50	Intravenously Delivered Allogeneic Mesenchymal Stem Cells Bidirectionally Regulate Inflammation and Induce Neurotrophic Effects in Distal Middle Cerebral Artery Occlusion Rats Within the First 7 Days After Stroke. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 1951-1970.	1.1	42
51	The role of the complement system in traumatic brain injury: a review. <i>Journal of Neuroinflammation</i> , 2018, 15, 24.	3.1	115
52	Positron emission tomography of cerebral angiogenesis and TSPO expression in a mouse model of chronic hypoxia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 687-696.	2.4	4
53	Dimethyl fumarate improves white matter function following severe hypoperfusion: Involvement of microglia/macrophages and inflammatory mediators. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1354-1370.	2.4	46
54	Microglia: Housekeeper of the Central Nervous System. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 53-71.	1.7	170

#	ARTICLE	IF	CITATIONS
55	Myeloid cells contribute indirectly to VEGF expression upon hypoxia via activation of MÄ¼ller cells. <i>Experimental Eye Research</i> , 2018, 166, 56-69.	1.2	11
56	Malectin gene polymorphisms promote cerebral palsy via M2â€like macrophage polarization. <i>Clinical Genetics</i> , 2018, 93, 794-799.	1.0	4
57	Tibolone Reduces Oxidative Damage and Inflammation in Microglia Stimulated with Palmitic Acid through Mechanisms Involving Estrogen Receptor Beta. <i>Molecular Neurobiology</i> , 2018, 55, 5462-5477.	1.9	52
58	TREM2 expression in the human brain: a marker of monocyte recruitment?. <i>Brain Pathology</i> , 2018, 28, 595-602.	2.1	55
59	Lymphatic drainage system of the brain: A novel target for intervention of neurological diseases. <i>Progress in Neurobiology</i> , 2018, 163-164, 118-143.	2.8	158
60	Increased Inflammatory Response in Old Mice is Associated with More Severe Neuronal Injury at the Acute Stage of Ischemic Stroke. , 2018, 10, 12-22.		37
61	Prophylactic Palmitoylethanolamide Prolongs Survival and Decreases Detrimental Inflammation in Aged Mice With Bacterial Meningitis. <i>Frontiers in Immunology</i> , 2018, 9, 2671.	2.2	15
62	Recent progress of drug nanoformulations targeting to brain. <i>Journal of Controlled Release</i> , 2018, 291, 37-64.	4.8	134
63	Mannose-Binding Lectin Drives Platelet Inflammatory Phenotype and Vascular Damage After Cerebral Ischemia in Mice via IL (Interleukin)-1Î±. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2678-2690.	1.1	34
64	Neuroplasticity in stroke recovery. The role of microglia in engaging and modifying synapses and networks. <i>European Journal of Neuroscience</i> , 2018, 47, 1414-1428.	1.2	67
65	Curcumin Prevents Acute Neuroinflammation and Long-Term Memory Impairment Induced by Systemic Lipopolysaccharide in Mice. <i>Frontiers in Pharmacology</i> , 2018, 9, 183.	1.6	73
66	Invasion of Peripheral Immune Cells into Brain Parenchyma after Cardiac Arrest and Resuscitation. , 2018, 9, 412.		33
67	Paradigm Shift to Neuroimmunomodulation for Translational Neuroprotection in Stroke. <i>Frontiers in Neuroscience</i> , 2018, 12, 241.	1.4	17
68	The Role of Microglia in Diabetic Retinopathy: Inflammation, Microvasculature Defects and Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2018, 19, 110.	1.8	249
69	Mesenchymal derived exosomes enhance recovery of motor function in a monkey model of cortical injury. <i>Restorative Neurology and Neuroscience</i> , 2019, 37, 347-362.	0.4	24
70	Poster Viewing Sessions PB01-B01 to PB03-V09. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 167-523.	2.4	7
71	Combined Genetic Deletion of IL (Interleukin)-4, IL-5, IL-9, and IL-13 Does Not Affect Ischemic Brain Injury in Mice. <i>Stroke</i> , 2019, 50, 2207-2215.	1.0	14
72	Newly Detected Atrial Fibrillation after Acute Stroke: A Narrative Review of Causes and Implications. <i>Cardiology</i> , 2019, 144, 112-121.	0.6	17

#	ARTICLE	IF	CITATIONS
73	The interrelationship between cerebral ischemic stroke and glioma: a comprehensive study of recent reports. <i>Signal Transduction and Targeted Therapy</i> , 2019, 4, 42.	7.1	40
74	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
75	Microglial Phagocytosis of Neurons: Diminishing Neuronal Loss in Traumatic, Infectious, Inflammatory, and Autoimmune CNS Disorders. <i>Frontiers in Psychiatry</i> , 2019, 10, 712.	1.3	54
76	The Involvement and Therapy Target of Immune Cells After Ischemic Stroke. <i>Frontiers in Immunology</i> , 2019, 10, 2167.	2.2	152
77	Fractalkine Modulates Microglia Metabolism in Brain Ischemia. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 414.	1.8	51
78	Induction of NTPDase1/CD39 by Reactive Microglia and Macrophages Is Associated With the Functional State During EAE. <i>Frontiers in Neuroscience</i> , 2019, 13, 410.	1.4	19
79	Individual in vivo Profiles of Microglia Polarization After Stroke, Represented by the Genes iNOS and Ym1. <i>Frontiers in Immunology</i> , 2019, 10, 1236.	2.2	37
80	Cell based therapy reduces secondary damage and increases extent of microglial activation following cortical injury. <i>Brain Research</i> , 2019, 1717, 147-159.	1.1	11
81	Role of microRNA-145 in protection against myocardial ischemia/reperfusion injury in mice by regulating expression of GZMK with the treatment of sevoflurane. <i>Journal of Cellular Physiology</i> , 2019, 234, 16526-16539.	2.0	17
82	Protective Effect of N-Arachidonoyl Glycine-GPR18 Signaling after Excitotoxic Lesion in Murine Organotypic Hippocampal Slice Cultures. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1266.	1.8	28
83	Microthrombus-Targeting Micelles for Neurovascular Remodeling and Enhanced Microcirculatory Perfusion in Acute Ischemic Stroke. <i>Advanced Materials</i> , 2019, 31, e1808361.	11.1	105
84	Glatiramer acetate reduces infarct volume in diabetic mice with cerebral ischemia and prevents long-term memory loss. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 315-327.	2.0	18
85	The Role of Connexin and Pannexin Channels in Perinatal Brain Injury and Inflammation. <i>Frontiers in Physiology</i> , 2019, 10, 141.	1.3	48
86	ECDI-fixed donor splenocytes prolong skin allograft survival by promoting M2 macrophage polarization and inducing regulatory T cells. <i>FASEB BioAdvances</i> , 2019, 1, 706-718.	1.3	2
87	Hypertension and Its Impact on Stroke Recovery: From a Vascular to a Parenchymal Overview. <i>Neural Plasticity</i> , 2019, 2019, 1-14.	1.0	23
88	Spatiotemporal analysis of impaired microglia process movement at sites of secondary neurodegeneration post-stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2456-2470.	2.4	52
89	Pretreatment With PCSK9 Inhibitor Protects the Brain Against Cardiac Ischemia/Reperfusion Injury Through a Reduction of Neuronal Inflammation and Amyloid Beta Aggregation. <i>Journal of the American Heart Association</i> , 2019, 8, e010838.	1.6	56
90	The phagocytic state of brain myeloid cells after ischemia revealed by superresolution structured illumination microscopy. <i>Journal of Neuroinflammation</i> , 2019, 16, 9.	3.1	20

#	ARTICLE	IF	CITATIONS
91	Microglia Receptors in Animal Models of Traumatic Brain Injury. <i>Molecular Neurobiology</i> , 2019, 56, 5202-5228.	1.9	43
92	Triggering receptor expressed on myeloid cells-2 expression in the brain is required for maximal phagocytic activity and improved neurological outcomes following experimental stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1906-1918.	2.4	49
93	Store-operated calcium entry in thrombosis and thrombo-inflammation. <i>Cell Calcium</i> , 2019, 77, 39-48.	1.1	55
94	Protective effects of dexamethasone on hypoxia-induced retinal edema in a mouse model. <i>Experimental Eye Research</i> , 2019, 178, 82-90.	1.2	8
95	Pre- α -ischemic renal lavage protects against renal ischemia- α -reperfusion injury by attenuation of local and systemic inflammatory responses. <i>FASEB Journal</i> , 2020, 34, 16307-16318.	0.2	5
96	The role of peripheral monocytes and macrophages in ischemic stroke. <i>Neurological Sciences</i> , 2020, 41, 3589-3607.	0.9	38
97	Monocyte Transmodulation: The Next Novel Therapeutic Approach in Overcoming Ischemic Stroke?. <i>Frontiers in Neurology</i> , 2020, 11, 578003.	1.1	14
98	Neuroprotective epi-drugs quench the inflammatory response and microglial/macrophage activation in a mouse model of permanent brain ischemia. <i>Journal of Neuroinflammation</i> , 2020, 17, 361.	3.1	36
99	Neuroinflammation Mediated by NLRP3 Inflammasome After Intracerebral Hemorrhage and Potential Therapeutic Targets. <i>Molecular Neurobiology</i> , 2020, 57, 5130-5149.	1.9	57
100	Distinct Residential and Infiltrated Macrophage Populations and Their Phagocytic Function in Mild and Severe Neonatal Hypoxic-Ischemic Brain Damage. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 244.	1.8	9
101	The CCL2/CCL7/CCL12/CCR2 pathway is substantially and persistently upregulated in mice after traumatic brain injury, and CCL2 modulates the complement system in microglia. <i>Molecular and Cellular Probes</i> , 2020, 54, 101671.	0.9	26
102	Tissue regeneration and reprogramming. , 2020, , 515-534.		1
103	Lysophosphatidic Acid Receptor 5 Plays a Pathogenic Role in Brain Damage after Focal Cerebral Ischemia by Modulating Neuroinflammatory Responses. <i>Cells</i> , 2020, 9, 1446.	1.8	17
104	Metabolic Reprogramming of Microglia in the Regulation of the Innate Inflammatory Response. <i>Frontiers in Immunology</i> , 2020, 11, 493.	2.2	152
105	The Local and Peripheral Immune Responses to Stroke: Implications for Therapeutic Development. <i>Neurotherapeutics</i> , 2020, 17, 414-435.	2.1	48
106	Sustained Increases in Immune Transcripts and Immune Cell Trafficking During the Recovery of Experimental Brain Ischemia. <i>Stroke</i> , 2020, 51, 2514-2525.	1.0	16
107	Albendazole-Schisandrin B Co-Therapy on <i>Angiostrongylus cantonensis</i> -Induced Meningoencephalitis in Mice. <i>Biomolecules</i> , 2020, 10, 1001.	1.8	11
108	miR-155 Knockdown Protects against Cerebral Ischemia and Reperfusion Injury by Targeting MafB. <i>BioMed Research International</i> , 2020, 2020, 1-11.	0.9	22

#	ARTICLE	IF	CITATIONS
109	Pre-treatment with the viral Toll-like receptor 3 agonist poly(I:C) modulates innate immunity and protects neutropenic mice infected intracerebrally with Escherichia coli. <i>Journal of Neuroinflammation</i> , 2020, 17, 24.	3.1	14
110	Human iPSC-derived microglia: A growing toolset to study the brain's innate immune cells. <i>Glia</i> , 2020, 68, 721-739.	2.5	77
111	Crosstalk between stressed brain cells: direct and indirect effects of ischemia and aglycemia on microglia. <i>Journal of Neuroinflammation</i> , 2020, 17, 33.	3.1	7
112	Neonatal Stroke and TLR1/2 Ligand Recruit Myeloid Cells through the Choroid Plexus in a CX3CR1-CCR2- and Context-Specific Manner. <i>Journal of Neuroscience</i> , 2020, 40, 3849-3861.	1.7	22
113	Hypoxic Preconditioning Enhances the Efficacy of Mesenchymal Stem Cells-Derived Conditioned Medium in Switching Microglia toward Anti-inflammatory Polarization in Ischemia/Reperfusion. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 505-524.	1.7	35
114	Changes in arginase isoforms in a murine model of neonatal brain hypoxia-ischemia. <i>Pediatric Research</i> , 2021, 89, 830-837.	1.1	4
115	MFG-E8 alleviates oxygen-glucose deprivation-induced neuronal cell apoptosis by STAT3 regulating the selective polarization of microglia. <i>International Journal of Neuroscience</i> , 2021, 131, 15-24.	0.8	19
116	Deletion of muscarinic acetylcholine receptor 3 in microglia impacts brain ischemic injury. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 89-104.	2.0	13
117	CNS and peripheral immunity in cerebral ischemia: partition and interaction. <i>Experimental Neurology</i> , 2021, 335, 113508.	2.0	21
118	Sickle cell disease mice have cerebral oxidative stress and vascular and white matter abnormalities. <i>Blood Cells, Molecules, and Diseases</i> , 2021, 86, 102493.	0.6	3
119	Microglial metabolic disturbances and neuroinflammation in cerebral infarction. <i>Journal of Pharmacological Sciences</i> , 2021, 145, 130-139.	1.1	72
120	Downregulation of Long Noncoding RNA TUG1 Attenuates MTDH-Mediated Inflammatory Damage via Targeting miR-29b-1-5p After Spinal Cord Ischemia Reperfusion. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 254-264.	0.9	13
121	Argon Inhalation for 24h After Closed-Head Injury Does not Improve Recovery, Neuroinflammation, or Neurologic Outcome in Mice. <i>Neurocritical Care</i> , 2021, 34, 833-843.	1.2	9
122	β 2 glycoprotein I participates in phagocytosis of apoptotic neurons and in vascular injury in experimental brain stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 0271678X2098455.	2.4	8
123	Cellular and Molecular Mechanisms of R/S-Roscovitine and CDKs Related Inhibition under Both Focal and Global Cerebral Ischemia: A Focus on Neurovascular Unit and Immune Cells. <i>Cells</i> , 2021, 10, 104.	1.8	7
124	Neuroprotection Following Stroke. , 2021, , .		0
125	Additive Behavioral Improvement after Combined Cell Therapy and Rehabilitation Despite Long-Term Microglia Presence in Stroke Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1512.	1.8	10
126	Microglia Fighting for Neurological and Mental Health: On the Central Nervous System Frontline of COVID-19 Pandemic. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 647378.	1.8	27

#	ARTICLE	IF	CITATIONS
127	Oligodeoxynucleotides containing unmethylated cytosine-guanine motifs are effective immunostimulants against pneumococcal meningitis in the immunocompetent and neutropenic host. <i>Journal of Neuroinflammation</i> , 2021, 18, 39.	3.1	2
128	Can quantifying morphology and TMEM119 expression distinguish between microglia and infiltrating macrophages after ischemic stroke and reperfusion in male and female mice?. <i>Journal of Neuroinflammation</i> , 2021, 18, 58.	3.1	29
129	Neuroimmunology in neurological and psychiatric disorders. <i>Clinical and Experimental Neuroimmunology</i> , 2021, 12, 92-100.	0.5	0
130	Autophagy & Phagocytosis in Neurological Disorders and their Possible Cross-talk. <i>Current Neuropharmacology</i> , 2021, 19, 1912-1924.	1.4	16
131	Salvianolic Acids for Injection alleviates cerebral ischemia/reperfusion injury by switching M1/M2 phenotypes and inhibiting NLRP3 inflammasome/pyroptosis axis in microglia in vivo and in vitro. <i>Journal of Ethnopharmacology</i> , 2021, 270, 113776.	2.0	46
132	Lipocalin 2 regulates iron homeostasis, neuroinflammation, and insulin resistance in the brains of patients with dementia: Evidence from the current literature. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 883-894.	1.9	30
133	C-Reactive Protein Levels and Clinical Prognosis in LAA-Type Stroke Patients: A Prospective Cohort Study. <i>BioMed Research International</i> , 2021, 2021, 1-8.	0.9	6
134	The Metaflammatory and Immunometabolic Role of Macrophages and Microglia in Diabetic Retinopathy. <i>Human Cell</i> , 2021, 34, 1617-1628.	1.2	18
135	Glial Fibrillary Acidic Protein and Ionized Calcium-Binding Adapter Molecule 1 Immunostaining Score for the Central Nervous System of Horses With Non-suppurative Encephalitis and Encephalopathies. <i>Frontiers in Veterinary Science</i> , 2021, 8, 660022.	0.9	4
136	Activation of GPR40 attenuates neuroinflammation and improves neurological function via PAK4/CREB/KDM6B pathway in an experimental GMH rat model. <i>Journal of Neuroinflammation</i> , 2021, 18, 160.	3.1	13
137	Modulating poststroke inflammatory mechanisms: Novel aspects of mesenchymal stem cells, extracellular vesicles and microglia. <i>World Journal of Stem Cells</i> , 2021, 13, 1030-1048.	1.3	13
138	Microglia react to partner loss in a sex- and brain site-specific manner in prairie voles. <i>Brain, Behavior, and Immunity</i> , 2021, 96, 168-186.	2.0	14
139	Cerebral Edema Formation After Stroke: Emphasis on Blood-Brain Barrier and the Lymphatic Drainage System of the Brain. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 716825.	1.8	59
141	Hypoxia/ischemia impairs CD33 (Siglec-3)/TREM2 signaling: Potential role in Alzheimer's pathogenesis. <i>Neurochemistry International</i> , 2021, 150, 105186.	1.9	8
142	Microglia Transcriptome Changes in a Model of Depressive Behavior after Immune Challenge. <i>PLoS ONE</i> , 2016, 11, e0150858.	1.1	35
143	Growth differentiation factor-11 supplementation improves survival and promotes recovery after ischemic stroke in aged mice. <i>Aging</i> , 2020, 12, 8049-8066.	1.4	25
144	Modulation of Inflammatory Response to Implanted Biomaterials Using Natural Compounds. <i>Current Pharmaceutical Design</i> , 2018, 23, 6347-6357.	0.9	29
145	Polarizing the immune system towards neuroprotection in brain ischemia. <i>Neural Regeneration Research</i> , 2016, 11, 81.	1.6	4

#	ARTICLE	IF	CITATIONS
146	Increased CD68/TGF β 2 Co-expressing Microglia/ Macrophages after Transient Middle Cerebral Artery Occlusion in Rhesus Monkeys. <i>Experimental Neurobiology</i> , 2019, 28, 458-473.	0.7	19
147	Gut microbiota: A potential therapeutic target for management of diabetic retinopathy?. <i>Life Sciences</i> , 2021, 286, 120060.	2.0	12
148	Immunization with Cop-1 promotes neuroprotection and neurogenesis after ischemic stroke. <i>Neural Regeneration Research</i> , 2015, 10, 1733.	1.6	2
151	Cell transplantation as a novel therapeutic strategy for autism spectrum disorders: a clinical study. <i>American Journal of Stem Cells</i> , 2020, 9, 89-100.	0.4	2
152	The Long Pentraxin PTX3 as a New Biomarker and Pharmacological Target in Age-Related Macular Degeneration and Diabetic Retinopathy. <i>Frontiers in Pharmacology</i> , 2021, 12, 811344.	1.6	8
153	Nox2 underpins microvascular inflammation and vascular contributions to cognitive decline. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1176-1191.	2.4	5
154	Protein Expression of the Microglial Marker Tmem119 Decreases in Association With Morphological Changes and Location in a Mouse Model of Traumatic Brain Injury. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 820127.	1.8	24
155	Microglia and Macrophages in Neuroprotection, Neurogenesis, and Emerging Therapies for Stroke. <i>Cells</i> , 2021, 10, 3555.	1.8	20
156	Baicaleinâ€™A Potent Pro-Homeostatic Regulator of Microglia in Retinal Ischemic Injury. <i>Frontiers in Immunology</i> , 2022, 13, 837497.	2.2	8
157	Temporal Characterization of Microglia-Associated Pro- and Anti-Inflammatory Genes in a Neonatal Inflammation-Sensitized Hypoxic-Ischemic Brain Injury Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-16.	1.9	10
158	Direct Current Electric Field Coordinates the Migration of BV2 Microglia via ERK/GSK3 β /Cofilin Signaling Pathway. <i>Molecular Neurobiology</i> , 2022, 59, 3665-3677.	1.9	3
176	Delayed Infiltration of Peripheral Monocyte Contributes to Phagocytosis and Transneuronal Degeneration in Chronic Stroke. <i>Stroke</i> , 2022, 53, 2377-2388.	1.0	13
177	Comparative Use of Contralateral and Sham-Operated Controls Reveals Traces of a Bilateral Genetic Response in the Rat Brain after Focal Stroke. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7308.	1.8	5
178	Phagocytosis converts infiltrated monocytes to microglia-like phenotype in experimental brain ischemia. <i>Journal of Neuroinflammation</i> , 2022, 19, .	3.1	12
179	Dynamics of Microglia Activation in the Ischemic Brain: Implications for Myelin Repair and Functional Recovery. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	10
180	X, but not Y, Chromosomal Complement Contributes to Stroke Sensitivity in Aged Animals. <i>Translational Stroke Research</i> , 2023, 14, 776-789.	2.3	6
181	Lactate receptor HCAR1 regulates neurogenesis and microglia activation after neonatal hypoxia-ischemia. <i>ELife</i> , 0, 11, .	2.8	16
182	Assessing the Global Impact on the Mouse Kidney After Traumatic Brain Injury: A Transcriptomic Study. <i>Journal of Inflammation Research</i> , 0, Volume 15, 4833-4851.	1.6	1

#	ARTICLE	IF	CITATIONS
183	Post-Stroke Administration of H2 Relaxin Reduces Functional Deficits, Neuronal Apoptosis and Immune Cell Infiltration into the Mouse Brain. SSRN Electronic Journal, 0, , .	0.4	0
184	Secondary White Matter Injury Mediated by Neuroinflammation after Intracerebral Hemorrhage and Promising Therapeutic Strategies of Targeting the NLRP3 Inflammasome. Current Neuropharmacology, 2023, 21, 669-686.	1.4	4
185	The dual function of microglial polarization and its treatment targets in ischemic stroke. Frontiers in Neurology, 0, 13, .	1.1	10
186	Targeting Persistent Neuroinflammation after Hypoxic-Ischemic Encephalopathyâ€™s Exendin-4 the Answer?. International Journal of Molecular Sciences, 2022, 23, 10191.	1.8	6
187	Tackling Neuroinflammation After Traumatic Brain Injury: Complement Inhibition as a Therapy for Secondary Injury. Neurotherapeutics, 2023, 20, 284-303.	2.1	10
188	Cannabidiol Exerts a Neuroprotective and Glia-Balancing Effect in the Subacute Phase of Stroke. International Journal of Molecular Sciences, 2022, 23, 12886.	1.8	4
189	Mechanism and Regulation of Microglia Polarization in Intracerebral Hemorrhage. Molecules, 2022, 27, 7080.	1.7	8
190	Reinventing the Penumbra â€™ the Emerging Clockwork of a Multi-modal Mechanistic Paradigm. Translational Stroke Research, 2023, 14, 643-666.	2.3	9
191	Differential gene expression in the contralateral hemisphere of the rat brain after focal ischemia. Scientific Reports, 2023, 13, .	1.6	6
192	Tumor Necrosis Factor (TNF)-Î±-Stimulated Gene 6 (TSG-6): A Promising Immunomodulatory Target in Acute Neurodegenerative Diseases. International Journal of Molecular Sciences, 2023, 24, 1162.	1.8	4
193	Modulatory effects of mesenchymal stem cells on microglia in ischemic stroke. Frontiers in Neurology, 0, 13, .	1.1	2
194	Friends or foes: The mononuclear phagocyte system in ischemic stroke. Brain Pathology, 2023, 33, .	2.1	2
205	Microglia in neurodegenerative diseases: mechanism and potential therapeutic targets. Signal Transduction and Targeted Therapy, 2023, 8, .	7.1	23
208	Neuroâ€™glia communication and glycolysis. , 2024, , 27-50.		0
209	Biology-driven material design for ischaemic stroke repair. , 0, , .		0
214	The niche matters: origin, function and fate of CNS-associated macrophages during health and disease. Acta Neuropathologica, 2024, 147, .	3.9	1