Ischemic neurons recruit natural killer cells that accele

Proceedings of the National Academy of Sciences of the Unite
111, 2704-2709
DOI: 10.1073/pnas.1315943111

Citation Report

#	Article	IF	Citations
1	Antigen-specific immune reactions to ischemic stroke. Frontiers in Cellular Neuroscience, 2014, 8, 278.	1.8	54
2	ÃŽÂ³ÃŽÂ´ T cells as early sensors of tissue damage and mediators of secondary neurodegeneration. Frontiers in Cellular Neuroscience, 2014, 8, 368.	1.8	47
3	Imaging Neuroinflammation â€“ from Bench to Bedside. Journal of Clinical & Cellular Immunology, 2014, 05, .	1.5	18
4	Systemic Inflammation Impairs Tissue Reperfusion Through Endothelin-Dependent Mechanisms in Cerebral Ischemia. Stroke, 2014, 45, 3412-3419.	1.0	42
5	Antigen Dependently Activated Cluster of Differentiation 8-Positive T Cells Cause Perforin-Mediated Neurotoxicity in Experimental Stroke. Journal of Neuroscience, 2014, 34, 16784-16795.	1.7	83
6	Impact of an immune modulator fingolimod on acute ischemic stroke. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18315-18320.	3.3	229
7	Fractalkine promotes chemotaxis of bone marrowâ€derived mesenchymal stem cells towards ischemic brain lesions through Jak2 signaling and cytoskeletal reorganization. FEBS Journal, 2015, 282, 891-903.	2.2	30
8	Splenic Responses in Ischemic Stroke: New Insights into Stroke Pathology. CNS Neuroscience and Therapeutics, 2015, 21, 320-326.	1.9	47
9	Tissue-Resident NK Cells Mediate Ischemic Kidney Injury and Are Not Depleted by Antiâ€“Asialo-GM1 Antibody. Journal of Immunology, 2015, 195, 4973-4985.	0.4	97
10	Compound 21 is pro-angiogenic in the brain and results in sustained recovery after ischemic stroke. Journal of Hypertension, 2015, 33, 170-180.	0.3	57
11	Sirtuin 3 Mediates Neuroprotection of Ketones against Ischemic Stroke. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1783-1789.	2.4	113
12	High natural killer cell number might identify stroke patients at risk of developing infections. Neurology: Neuroimmunology and NeuroInflammation, 2015, 2, e71.	3.1	19
13	Experimental animal models and inflammatory cellular changes in cerebral ischemic and hemorrhagic stroke. Neuroscience Bulletin, 2015, 31, 717-734.	1.5	47
14	Proline-, glutamic acid-, and leucine-rich protein 1 mediates estrogen rapid signaling and neuroprotection in the brain. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6673-82.	3.3	33
15	Interleukin-17 inhibits Adult Hippocampal Neurogenesis. Scientific Reports, 2014, 4, 7554.	1.6	69
16	PPARÎ± Agonist Fenofibrate Ameliorates Learning and Memory Deficits in Rats Following Global Cerebral Ischemia. Molecular Neurobiology, 2015, 52, 601-609.	1.9	39
17	Peripheral to central: Organ interactions in stroke pathophysiology. Experimental Neurology, 2015, 272, 41-49.	2.0	28
18	Recent and near-future advances in nucleic acid-based diagnosis of stroke. Expert Review of Molecular Diagnostics, 2015, 15, 665-679.	1.5	21

#	Article	IF	Citations
19	Combination of the Immune Modulator Fingolimod With Alteplase in Acute Ischemic Stroke. Circulation, 2015, 132, 1104-1112.	1.6	229
20	Immune interventions in stroke. Nature Reviews Neurology, 2015, 11, 524-535.	4.9	296
21	Could Intrathymic Injection of Myelin Basic Protein Suppress Inflammatory Response After Co-culture of T Lymphocytes and BV-2 Microglia Cells?. Chinese Medical Journal, 2016, 129, 831-837.	0.9	5
22	Ischemia, Immunosuppression and Infectionâ€"Tackling the Predicaments of Post-Stroke Complications. International Journal of Molecular Sciences, 2016, 17, 64.	1.8	121
23	Fingolimod for multiple sclerosis and emerging indications: appropriate patient selection, safety precautions, and special considerations. Therapeutics and Clinical Risk Management, 2016, 12, 261.	0.9	53
24	CX3CR1â€dependent recruitment of mature NK cells into the central nervous system contributes to control autoimmune neuroinflammation. European Journal of Immunology, 2016, 46, 1984-1996.	1.6	56
25	Deficiency of the adaptor protein SLy1 results in a natural killer cell ribosomopathy affecting tumor clearance. OncoImmunology, 2016, 5, e1238543.	2.1	8
26	Low-frequency and common genetic variation in ischemic stroke. Neurology, 2016, 86, 1217-1226.	1.5	141
27	The Expanding Role of Natural Killer Cells in Type 1 Diabetes and Immunotherapy. Current Diabetes Reports, 2016, 16, 109.	1.7	26
28	The Long and Winding Road. Advances in Pharmacology, 2016, 76, 147-173.	1.2	2
29	Inflammation and Stroke: An Overview. Neurotherapeutics, 2016, 13, 661-670.	2.1	631
30	Dimethyl Fumarate and Monomethyl Fumarate Promote Post-Ischemic Recovery in Mice. Translational Stroke Research, 2016, 7, 535-547.	2.3	88
31	Critical Role of the Sphingolipid Pathway in Stroke: a Review of Current Utility and Potential Therapeutic Targets. Translational Stroke Research, 2016, 7, 420-438.	2.3	58
32	Non-invasive tracking of CD4+ T cells with a paramagnetic and fluorescent nanoparticle in brain ischemia. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1464-1476.	2.4	40
33	Neural stem cells sustain natural killer cells that dictate recovery from brain inflammation. Nature Neuroscience, 2016, 19, 243-252.	7.1	96
34	Depletion of microglia exacerbates postischemic inflammation and brain injury. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2224-2236.	2.4	265
35	Possible damage to immune-privileged sites in natural killer cell therapy in cancer patients: side effects of natural killer cell therapy. Immunotherapy, 2017, 9, 281-288.	1.0	8
36	Pathogenic mechanisms following ischemic stroke. Neurological Sciences, 2017, 38, 1167-1186.	0.9	449

#	Article	IF	Citations
37	A TSPO ligand attenuates brain injury after intracerebral hemorrhage. FASEB Journal, 2017, 31, 3278-3287.	0.2	59
38	Natural killer cells in inflammatory heart disease. Clinical Immunology, 2017, 175, 26-33.	1.4	79
39	The Interplay of MicroRNAs in the Inflammatory Mechanisms Following Ischemic Stroke. Journal of Neuropathology and Experimental Neurology, 2017, 76, 548-561.	0.9	61
40	IMM-H004, a coumarin derivative, attenuated brain ischemia/reperfusion injuries and subsequent inflammation in spontaneously hypertensive rats through inhibition of VCAM-1. RSC Advances, 2017, 7, 27480-27495.	1.7	9
41	Activation of Cytotoxic Natural Killer Cells After Aneurysmal Subarachnoid Hemorrhage. World Neurosurgery, 2017, 101, 666-676.e1.	0.7	9
42	Brain Ischemia Suppresses Immunity in the Periphery and Brain via Different Neurogenic Innervations. Immunity, 2017, 46, 474-487.	6.6	139
43	Astrocyte-derived interleukin-15 exacerbates ischemic brain injury via propagation of cellular immunity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E396-E405.	3.3	138
44	Immunoreceptor tyrosine-based inhibitory motifâ€“dependent functions of an MHC class I-specific NK cell receptor. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8440-E8447.	3.3	17
45	Ischemiaâ€responsive protein 94 is a key mediator of ischemic neuronal injuryâ€induced microglial activation. Journal of Neurochemistry, 2017, 142, 908-919.	2.1	6
46	Acetylcholine-producing NK cells attenuate CNS inflammation via modulation of infiltrating monocytes/macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6202-E6211.	3.3	67
47	Immune responses in perinatal brain injury. Brain, Behavior, and Immunity, 2017, 63, 210-223.	2.0	39
48	Colony stimulating factor 1 receptor inhibition eliminates microglia and attenuates brain injury after intracerebral hemorrhage. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2383-2395.	2.4	123
49	Neuroprotective effects of fingolimod in mouse models of Parkinson's disease. FASEB Journal, 2017, 31, 172-179.	0.2	85
50	Dexmedetomidine Protects Mouse Brain from Ischemia-Reperfusion Injury via Inhibiting Neuronal Autophagy through Up-Regulating HIF-1Î±. Frontiers in Cellular Neuroscience, 2017, 11, 197.	1.8	91
51	Natural killer cells attenuate cytomegalovirus-induced hearing loss in mice. PLoS Pathogens, 2017, 13, e1006599.	2.1	20
52	A translocator protein 18ÂkDa agonist protects against cerebral ischemia/reperfusion injury. Journal of Neuroinflammation, 2017, 14, 151.	3.1	38
53	Anti-inflammatory and immunomodulatory mechanisms of atorvastatin in a murine model of traumatic brain injury. Journal of Neuroinflammation, 2017, 14, 167.	3.1	159
54	Infiltration and persistence of lymphocytes during late-stage cerebral ischemia in middle cerebral artery occlusion and photothrombotic stroke models. Journal of Neuroinflammation, 2017, 14, 248.	3.1	67

#	Article	IF	Citations
55	Revisiting the Functional Impact of NK Cells. Trends in Immunology, 2018, 39, 460-472.	2.9	29
56	Stroke-induced immunosuppression and poststroke infection. Stroke and Vascular Neurology, 2018, 3, 34-41.	1.5	105
57	Astrocytic N-Myc Downstream-regulated Geneâ€“2 Is Involved in Nuclear Transcription Factor Î²Bâ€“mediated Inflammation Induced by Global Cerebral Ischemia. Anesthesiology, 2018, 128, 574-586.	1.3	21
58	Ischemia-induced Neuronal Cell Death Is Mediated by Chemokine Receptor CX3CR1. Scientific Reports, 2018, 8, 556.	1.6	38
59	Integrin Î±vÎ²3 Is Essential for Maintenance of Decidua Tissue Homeostasis and of Natural Killer Cell Immune Tolerance During Pregnancy. Reproductive Sciences, 2018, 25, 1424-1430.	1.1	12
60	Brain Ischemia Induces Diversified Neuroantigen-Specific T-Cell Responses That Exacerbate Brain Injury. Stroke, 2018, 49, 1471-1478.	1.0	45
61	Evolutionary basis of a new gene- and immune-therapeutic approach for the treatment of malignant brain tumors: from mice to clinical trials for glioma patients. Clinical Immunology, 2018, 189, 43-51.	1.4	27
62	Peroxisome proliferator-activated receptor Î³ (PPARÎ³): A master gatekeeper in CNS injury and repair. Progress in Neurobiology, 2018, 163-164, 27-58.	2.8	156
63	Modulating Endogenous Adult Neural Stem Cells to Improve Regeneration in Stroke Brain. Springer Series in Translational Stroke Research, 2018, , 73-99.	0.1	0
64	Hypothermia and brain inflammation after cardiac arrest. Brain Circulation, 2018, 4, 1.	0.7	35
65	In VivoExpansion of Regulatory T Cells with IL-2/IL-2 Antibody Complex Protects against Transient Ischemic Stroke. Journal of Neuroscience, 2018, 38, 10168-10179.	1.7	85
66	Fingolimod enhances the efficacy of delayed alteplase administration in acute ischemic stroke by promoting anterograde reperfusion and retrograde collateral flow. Annals of Neurology, 2018, 84, 717-728.	2.8	84
67	Buyang Huanwu Decoction Attenuates Infiltration of Natural Killer Cells and Protects Against Ischemic Brain Injury. Cellular Physiology and Biochemistry, 2018, 50, 1286-1300.	1.1	33
68	The peripheral immune response after strokeâ€”A double edge sword for bloodâ€brain barrier integrity. CNS Neuroscience and Therapeutics, 2018, 24, 1115-1128.	1.9	59
69	Shared Biological Pathways Between Alzheimerâ€™s Disease and Ischemic Stroke. Frontiers in Neuroscience, 2018, 12, 605.	1.4	13
70	Advances in stroke pharmacology. , 2018, 191, 23-42.		128
71	The role of dopaminergic immune cell signalling in poststroke inflammation. Therapeutic Advances in Neurological Disorders, 2018, 11, 175628641877422.	1.5	18
72	Interleukin 15 blockade protects the brain from cerebral ischemia-reperfusion injury. Brain, Behavior, and Immunity, 2018, 73, 562-570.	2.0	58

#	Article	IF	Citations
73	Activation of JAK/STAT3 restores NKâ€cell function and improves immune defense after brain ischemia. FASEB Journal, 2018, 32, 2757-2767.	0.2	20
74	Role of Immune Cells Migrating to the Ischemic Brain. Stroke, 2018, 49, 2261-2267.	1.0	97
75	Splenic responses play an important role in remote ischemic preconditioning-mediated neuroprotection against stroke. Journal of Neuroinflammation, 2018, 15, 167.	3.1	42
76	Interleukin 8 (CXCL8)-CXC chemokine receptor 2 (CXCR2) axis contributes to MiR-4437-associated recruitment of granulocytes and natural killer cells in ischemic stroke. Molecular Immunology, 2018, 101, 440-449.	1.0	17
77	Experimental ischemic stroke induces long-term T cell activation in the brain. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 2268-2276.	2.4	71
78	Colivelin Rescues Ischemic Neuron and Axons Involving JAK/STAT3 Signaling Pathway. Neuroscience, 2019, 416, 198-206.	1.1	22
79	Corticosterone-Mediated Body Weight Loss Is an Important Catabolic Process for Poststroke Immunity and Survival. Stroke, 2019, 50, 2539-2546.	1.0	10
80	Global brain inflammation in stroke. Lancet Neurology, The, 2019, 18, 1058-1066.	4.9	469
81	Dl-3-n-butylphthalide Reduces Neurovascular Inflammation and Ischemic Brain Injury in Mice. , 2019, 10, 964.		47
82	Exposure to Cigarette Smoke Augments Post-ischemic Brain Injury and Inflammation via Mobilization of Neutrophils and Monocytes. Frontiers in Immunology, 2019, 10, 2576.	2.2	7
83	Neuroinflammation as a target for treatment of stroke using mesenchymal stem cells and extracellular vesicles. Journal of Neuroinflammation, 2019, 16, 178.	3.1	200
84	The spleen may be an important target of stem cell therapy for stroke. Journal of Neuroinflammation, 2019, 16, 20.	3.1	37
85	Chronic inflammation, cognitive impairment, and distal brain region alteration following intracerebral hemorrhage. FASEB Journal, 2019, 33, 9616-9626.	0.2	47
86	Immunomodulation with Human Umbilical Cord Blood Stem Cells Ameliorates Ischemic Brain Injury â€“ A Brain Transcriptome Profiling Analysis. Cell Transplantation, 2019, 28, 864-873.	1.2	20
87	Inhibition of fibrin formation reduces neuroinflammation and improves long-term outcome after intracerebral hemorrhage. International Immunopharmacology, 2019, 72, 473-478.	1.7	28
88	Two-vessel Occlusion Mouse Model of Cerebral Ischemia-reperfusion. Journal of Visualized Experiments, 2019, , .	0.2	7
89	Shared Gene Expression Between Multiple Sclerosis and Ischemic Stroke. Frontiers in Genetics, 2018, 9, 598.	1.1	9
90	Associations between miR-146a rs2910164 polymorphisms and risk of ischemic cardio-cerebrovascular diseases. Medicine (United States), 2019, 98, e17106.	0.4	6

#	Article	IF	Citations
91	Immunoreactive Cells After Cerebral Ischemia. Frontiers in Immunology, 2019, 10, 2781.	2.2	31
92	The effect of acupuncture on the expression of inflammatory factors TNF-Î±, IL-6,IL-1 and CRP in cerebral infarction. Medicine (United States), 2019, 98, e15408.	0.4	12
93	NK cells in cerebral ischemia. Biomedicine and Pharmacotherapy, 2019, 109, 547-554.	2.5	40
94	The changes of systemic immune responses during the neuroprotection induced by remote ischemic postconditioning against focal cerebral ischemia in mice. Neurological Research, 2019, 41, 26-36.	0.6	16
95	Cytochrome P450 derived epoxidized fatty acids as a therapeutic tool against neuroinflammatory diseases. Prostaglandins and Other Lipid Mediators, 2020, 147, 106385.	1.0	32
96	Age-related CCL12 Aggravates Intracerebral Hemorrhage-induced Brain Injury via Recruitment of Macrophages and T Lymphocytes. , 2020, 11, 1103.		15
97	High neutrophilâ€toâ€lymphocyte ratio is a predictor of poor shortâ€term outcome in patients with mild acute ischemic stroke receiving intravenous thrombolysis. Brain and Behavior, 2020, 10, e01857.	1.0	21
98	Fractalkine/CX3CR1 pathway is neuroprotective in intracerebral hemorrhage through facilitating the expression of TGF-Î²1. Brain Hemorrhages, 2020, 1, 146-151.	0.4	1
99	Losartan Treatment Could Improve the Outcome of TBI Mice. Frontiers in Neurology, 2020, 11, 992.	1.1	11
100	Brain transforms natural killer cells that exacerbate brain edema after intracerebral hemorrhage. Journal of Experimental Medicine, 2020, 217, .	4.2	72
101	A Sphingosine 1-Phosphate Gradient Is Linked to the Cerebral Recruitment of T Helper and Regulatory T Helper Cells during Acute Ischemic Stroke. International Journal of Molecular Sciences, 2020, 21, 6242.	1.8	17
102	Adaptive Immunity Regulation and Cerebral Ischemia. Frontiers in Immunology, 2020, 11, 689.	2.2	30
103	Senescence as an Amyloid Cascade: The Amyloid Senescence Hypothesis. Frontiers in Cellular Neuroscience, 2020, 14, 129.	1.8	35
104	Reduced perforin release from TÂcells as a mechanism underlying hypothermiaâ€mediated neuroprotection. Clinical and Experimental Neuroimmunology, 2020, 11, 57-64.	0.5	1
105	The Local and Peripheral Immune Responses to Stroke: Implications for Therapeutic Development. Neurotherapeutics, 2020, 17, 414-435.	2.1	48
106	Genetic Etiology Shared by Multiple Sclerosis and Ischemic Stroke. Frontiers in Genetics, 2020, 11, 646.	1.1	7
107	Plasmacytoid Dendritic Cells Protect Against Middle Cerebral Artery Occlusion Induced Brain Injury by Priming Regulatory T Cells. Frontiers in Cellular Neuroscience, 2020, 14, 8.	1.8	14
108	CNS and peripheral immunity in cerebral ischemia: partition and interaction. Experimental Neurology, 2021, 335, 113508.	2.0	21

#	Article	IF	Citations
109	tPA Mobilizes Immune Cells That Exacerbate Hemorrhagic Transformation in Stroke. Circulation Research, 2021, 128, 62-75.	2.0	81
110	Neuroblast senescence in the aged brain augments natural killer cell cytotoxicity leading to impaired neurogenesis and cognition. Nature Neuroscience, 2021, 24, 61-73.	7.1	93
111	Human umbilical cord mesenchymal stem cell-derived exosomal miR-146a-5p reduces microglial-mediated neuroinflammation via suppression of the IRAK1/TRAF6 signaling pathway after ischemic stroke. Aging, 2021, 13, 3060-3079.	1.4	76
112	Plasma C-Reactive Protein Level and Outcome of Acute Ischemic Stroke Patients Treated by Intravenous Thrombolysis: A Systematic Review and Meta-Analysis. European Neurology, 2021, 84, 145-150.	0.6	10
113	Systematic Study of Immune Cell Diversity in ischemic postconditioning Using High-Dimensional Single-Cell Analysis with Mass Cytometry. , 2021, 12, 812.		3
115	Regulatory T cells in ischemic stroke. Acta Pharmacologica Sinica, 2022, 43, 1-9.	2.8	35
116	Brain injury instructs bone marrow cellular lineage destination to reduce neuroinflammation. Science Translational Medicine, 2021, 13, .	5.8	28
117	Systemic Immune-Inflammation Index Predicts 3-Month Functional Outcome in Acute Ischemic Stroke Patients Treated with Intravenous Thrombolysis. Clinical Interventions in Aging, 2021, Volume 16, 877-886.	1.3	29
118	CX3CL1 Recruits NK Cells Into the Central Nervous System and Aggravates Brain Injury of Mice Caused by Angiostrongylus cantonensis Infection. Frontiers in Cellular and Infection Microbiology, 2021, 11, 672720.	1.8	4
119	Inhibition of Perforin-Mediated Neurotoxicity Attenuates Neurological Deficits After Ischemic Stroke. Frontiers in Cellular Neuroscience, 2021, 15, 664312.	1.8	6
120	Natural Killer Cells Are Present in Rag1â^'/â^' Mice and Promote Tissue Damage During the Acute Phase of Ischemic Stroke. Translational Stroke Research, 2022, 13, 197-211.	2.3	10
121	miR-1224 contributes to ischemic stroke-mediated natural killer cell dysfunction by targeting Sp1 signaling. Journal of Neuroinflammation, 2021, 18, 133.	3.1	14
122	Immune Cells in the BBB Disruption After Acute Ischemic Stroke: Targets for Immune Therapy?. Frontiers in Immunology, 2021, 12, 678744.	2.2	135
123	Immune Response in Neurological Pathology: Emerging Role of Central and Peripheral Immune Crosstalk. Frontiers in Immunology, 2021, 12, 676621.	2.2	37
124	Molecular Mechanisms of Neuroimmune Crosstalk in the Pathogenesis of Stroke. International Journal of Molecular Sciences, 2021, 22, 9486.	1.8	25
125	Pertussis toxinâ€"induced inflammatory response exacerbates intracerebral haemorrhage and ischaemic stroke in mice. Stroke and Vascular Neurology, 2022, 7, 29-37.	1.5	9
126	Applications of CyTOF in Brain Immune Component Studies. Engineering, 2022, 16, 187-197.	3.2	3
127	Targeting Brain-spleen Crosstalk After Stroke: New Insights Into Stroke Pathology and Treatment. Current Neuropharmacology, 2021, 19, 1590-1605.	1.4	14

#	Article	IF	Citations
128	Comprehensive Analysis of Potential miRNA-Target mRNA-Immunocyte Subtype Network in Cerebral Infarction. European Neurology, 2022, 85, 148-161.	0.6	5
129	Pathophysiological and pharmacological relevance of TLR4 in peripheral immune cells after stroke. , 2021, 228, 107933.		16
130	Inflammation and Immune Response. , 2022, , 117-128.e5.		2
131	Association of inflammatory and platelet volume markers with clinical outcome in patients with anterior circulation ischaemic stroke after endovascular thrombectomy. Neurological Research, 2021, 43, 503-510.	0.6	16
132	Increased apoptosis, tumor necrosis factor-Î±, and DNA damage attenuated by 3',4'-dihydroxyflavonol in rats with brain Ä°schemia-reperfusion. Indian Journal of Pharmacology, 2021, 53, 39.	0.4	4
133	Sex Differences in Immunity and Inflammation: Implications for Brain and Behavior. , 2016, , 1-26.		1
134	Immune responses to stroke: mechanisms, modulation, and therapeutic potential. Journal of Clinical Investigation, 2020, 130, 2777-2788.	3.9	344
135	The Effect of Low-Dose Atorvastatin on Inflammatory Factors in Patients with Traumatic Brain Injury: A Randomized Clinical Trial. Archives of Neuroscience, 2020, 7, .	0.1	5
136	Role of Prophylactic Antibiotics in Critical Care of Stroke Patients - A Preventive Approach to Post-stroke Infections?. Cureus, 2020, 12, e7158.	0.2	8
137	Mechanisms Underlying the Antifatigue Effects of the Mycelium Extract of <i>Cordyceps</i> (<i>Paecilomyces hepiali</i>, CBG-CS-2) in Mice in the Forced Swimming Test. Food and Nutrition Sciences (Print), 2015, 06, 287-298.	0.2	4
138	Role of iNOS in Insulin Resistance and Endothelial Dysfunction. , 2019, , 461-482.		4
139	Astragaloside IV suppresses post-ischemic natural killer cell infiltration and activation in the brain: involvement of histone deacetylase inhibition. Frontiers of Medicine, 2021, 15, 79-90.	1.5	12
141	Peripheral immune cells and perinatal brain injury: a double-edged sword?. Pediatric Research, 2022, 91, 392-403.	1.1	19
142	Extracellular vesicles from hypoxia-preconditioned microglia promote angiogenesis and repress apoptosis in stroke mice via the TGF-Î²/Smad2/3 pathway. Cell Death and Disease, 2021, 12, 1068.	2.7	53
143	Clenbuterol, a Selective Î²2-Adrenergic Receptor Agonist, Inhibits or Limits Post-Stroke Pneumonia, but Increases Infarct Volume in MCAO Mice. Journal of Inflammation Research, 2022, Volume 15, 295-309.	1.6	6
144	Short Chain Fatty Acids Taken at Time of Thrombectomy in Acute Ischemic Stroke Patients Are Independent of Stroke Severity But Associated With Inflammatory Markers and Worse Symptoms at Discharge. Frontiers in Immunology, 2021, 12, 797302.	2.2	11
145	Early Toll-like receptor 4 inhibition improves immune dysfunction in the hippocampus after hypoxic-ischemic brain damage. International Journal of Medical Sciences, 2022, 19, 142-151.	1.1	4
146	Suppressing NK Cells by Astragaloside IV Protects Against Acute Ischemic Stroke in Mice Via Inhibiting STAT3. Frontiers in Pharmacology, 2021, 12, 802047.	1.6	5

#	Article	IF	Citations
147	Innate Lymphoid Cells in the Central Nervous System. Frontiers in Immunology, 2022, 13, 837250.	2.2	7
148	Tissue-Dependent Adaptations and Functions of Innate Lymphoid Cells. Frontiers in Immunology, 2022, 13, 836999.	2.2	18
149	Predictive Value of the Systemic Immune Inflammation Index for Adverse Outcomes in Patients With Acute Ischemic Stroke. Frontiers in Neurology, 2022, 13, 836595.	1.1	30
150	Crosstalk Between GABAergic Neurotransmission and Inflammatory Cascades in the Post-ischemic Brain: Relevance for Stroke Recovery. Frontiers in Cellular Neuroscience, 2022, 16, 807911.	1.8	9
151	Cross-talk between GABAergic postsynapse and microglia regulate synapse loss after brain ischemia. Science Advances, 2022, 8, eabj0112.	4.7	15
152	Thromboinflammation in Brain Ischemia: Recent Updates and Future Perspectives. Stroke, 2022, 53, 1487-1499.	1.0	22
153	Identifying Key Biomarkers and Immune Infiltration in Female Patients with Ischemic Stroke Based on Weighted Gene Co-Expression Network Analysis. Neural Plasticity, 2022, 2022, 1-17.	1.0	2
155	Re-directing nanomedicines to the spleen: A potential technology for peripheral immunomodulation. Journal of Controlled Release, 2022, 350, 60-79.	4.8	9
156	Coupling Hematoma Evacuation with Immune Profiling for Analysis of Neuroinflammation After Primary Intracerebral Hemorrhage: A Pilot Study. World Neurosurgery, 2022, 161, 162-168.	0.7	0
157	The Role of Immune Cells in Post-Stroke Angiogenesis and Neuronal Remodeling: The Known and the Unknown. Frontiers in Immunology, 2021, 12, 784098.	2.2	44
158	Microglia: The Hub of Intercellular Communication in Ischemic Stroke. Frontiers in Cellular Neuroscience, 2022, 16, 889442.	1.8	19
175	Single-cell transcriptome analysis reveals the immune heterogeneity and the repopulation of microglia by Hif1Î± in mice after spinal cord injury. Cell Death and Disease, 2022, 13, 432.	2.7	18
176	Interaction Between Innate Lymphoid Cells and the Nervous System. Advances in Experimental Medicine and Biology, 2022, 1365, 135-148.	0.8	2
177	The efficacy and safety of fingolimod plus standardized treatment versus standardized treatment alone for acute ischemic stroke: A systematic review and metaâ€analysis. Pharmacology Research and Perspectives, 2022, 10, e00972.	1.1	6
178	Prophylactic Zinc Administration Combined with Swimming Exercise Prevents Cognitive-Emotional Disturbances and Tissue Injury following a Transient Hypoxic-Ischemic Insult in the Rat. Behavioural Neurology, 2022, 2022, 1-20.	1.1	3
179	Peptidomimetic Lipid-Nanoparticle-Mediated Knockdown of TLR4 in CNS Protects against Cerebral Ischemia/Reperfusion Injury in Mice. Nanomaterials, 2022, 12, 2072.	1.9	7
180	DNA Methylation and Ischemic Stroke Risk: An Epigenome-Wide Association Study. Thrombosis and Haemostasis, 2022, 122, 1767-1778.	1.8	12
181	Thrombo-Inflammation and Immunological Response in Ischemic Stroke: Focusing on Platelet-Tregs Interaction. Frontiers in Cellular Neuroscience, 0, 16, .	1.8	18

#	Article	IF	Citations
183	Neuroprotection against ischemic stroke requires a specific class of early responder T cells in mice. Journal of Clinical Investigation, 2022, 132, .	3.9	25
184	Cell Heterogeneity Uncovered by Single-Cell RNA Sequencing Offers Potential Therapeutic Targets for Ischemic Stroke. , 2022, 13, 1436.		11
185	Identification of pyroptosis-related immune signature and drugs for ischemic stroke. Frontiers in Genetics, 0, 13, .	1.1	2
186	Altered methylation pattern in EXOC4 is associated with stroke outcome: an epigenome-wide association study. Clinical Epigenetics, 2022, 14, .	1.8	1
187	Roles of peripheral immune cells in the recovery of neurological function after ischemic stroke. Frontiers in Cellular Neuroscience, 0, 16, .	1.8	14
188	CNS-peripheral immune interactions in hemorrhagic stroke. Journal of Cerebral Blood Flow and Metabolism, 2023, 43, 185-197.	2.4	9
189	Neuroinflammation and brainâ€“peripheral interaction in ischemic stroke: A narrative review. Frontiers in Immunology, 0, 13, .	2.2	2
190	Brain endothelial CXCL12 attracts protective natural killer cells during ischemic stroke. Journal of Neuroinflammation, 2023, 20, .	3.1	9
191	Gasdermin D inhibition ameliorates neutrophil mediated brain damage in acute ischemic stroke. Cell Death Discovery, 2023, 9, .	2.0	4
192	Clinical Potential of Immunotherapies in Subarachnoid Hemorrhage Treatment: Mechanistic Dissection of Innate and Adaptive Immune Responses. , 2023, .		0
194	Myocardial Immune Cells: The Basis of Cardiac Immunology. Journal of Immunology, 2023, 210, 1198-1207.	0.4	7
195	Involvement immune response in the pathogenesis of ischemic stroke. Meditsinskiy Sovet, 2023, , 8-16.	0.1	2
196	Group 2 innate lymphoid cells resolve neuroinflammation following cerebral ischaemia. Stroke and Vascular Neurology, 2023, 8, 424-434.	1.5	3