

Neuroinflammation and M2 microglia: the good, the bad

Journal of Neuroinflammation

11, 98

DOI: [10.1186/1742-2094-11-98](https://doi.org/10.1186/1742-2094-11-98)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Cannabinoid receptor type-2 stimulation, blockade, and deletion alter the vascular inflammatory responses to traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2014, 11, 191.	3.1	62
2	Inhibition of store-operated calcium entry in microglia by helminth factors: implications for immune suppression in neurocysticercosis. <i>Journal of Neuroinflammation</i> , 2014, 11, 210.	3.1	31
3	Are "Resting" Microglia More "M2"? <i>Frontiers in Immunology</i> , 2014, 5, 594.	2.2	68
4	Heterogeneous induction of microglia M2a phenotype by central administration of interleukin-4. <i>Journal of Neuroinflammation</i> , 2014, 11, 211.	3.1	62
5	Role of Microglial M1/M2 Polarization in Relapse and Remission of Psychiatric Disorders and Diseases. <i>Pharmaceuticals</i> , 2014, 7, 1028-1048.	1.7	152
6	Minocycline modulates neuropathic pain behaviour and cortical M1/M2 microglial gene expression in a rat model of depression. <i>Brain, Behavior, and Immunity</i> , 2014, 42, 147-156.	2.0	137
7	Bipolar/rod-shaped microglia are proliferating microglia with distinct M1/M2 phenotypes. <i>Scientific Reports</i> , 2014, 4, 7279.	1.6	125
8	Synergistic Actions of Microglia and Astrocytes in the Progression of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 1001-1014.	1.2	41
9	Electroacupuncture remediates glial dysfunction and ameliorates neurodegeneration in the astrocytic β -synuclein mutant mouse model. <i>Journal of Neuroinflammation</i> , 2015, 12, 103.	3.1	25
10	β -Lapachone suppresses neuroinflammation by modulating the expression of cytokines and matrix metalloproteinases in activated microglia. <i>Journal of Neuroinflammation</i> , 2015, 12, 133.	3.1	77
11	IL-4/10 prevents stress vulnerability following imipramine discontinuation. <i>Journal of Neuroinflammation</i> , 2015, 12, 197.	3.1	49
12	Late prenatal immune activation causes hippocampal deficits in the absence of persistent inflammation across aging. <i>Journal of Neuroinflammation</i> , 2015, 12, 221.	3.1	100
13	A DAP12-dependent signal promotes pro-inflammatory polarization in microglia following nerve injury and exacerbates degeneration of injured neurons. <i>Glia</i> , 2015, 63, 1073-1082.	2.5	35
14	Fractalkine in the nervous system: neuroprotective or neurotoxic molecule?. <i>Annals of the New York Academy of Sciences</i> , 2015, 1351, 141-148.	1.8	98
15	The Role of the Neuroprotective Factor Npas4 in Cerebral Ischemia. <i>International Journal of Molecular Sciences</i> , 2015, 16, 29011-29028.	1.8	34
16	ASK1 modulates the expression of microRNA Let7A in microglia under high glucose in vitro condition. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 198.	1.8	24
17	Neuroinflammation and Depression: Microglia Activation, Extracellular Microvesicles and microRNA Dysregulation. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 476.	1.8	430
18	Therapeutic potential of mGluR5 targeting in Alzheimer's disease. <i>Frontiers in Neuroscience</i> , 2015, 9, 215.	1.4	66

#	ARTICLE	IF	CITATIONS
19	Mechanisms and regulation of iron trafficking across the capillary endothelial cells of the blood-brain barrier. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 31.	1.4	71
20	Myelin damage and repair in pathologic CNS: challenges and prospects. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 35.	1.4	163
21	Alginate-Derived Oligosaccharide Inhibits Neuroinflammation and Promotes Microglial Phagocytosis of β -Amyloid. <i>Marine Drugs</i> , 2015, 13, 5828-5846.	2.2	65
22	Spatiotemporal Cadence of Macrophage Polarisation in a Model of Light-Induced Retinal Degeneration. <i>PLoS ONE</i> , 2015, 10, e0143952.	1.1	43
23	Neural Plasticity in Multiple Sclerosis: The Functional and Molecular Background. <i>Neural Plasticity</i> , 2015, 2015, 1-11.	1.0	54
24	Complexity of the cell-cell interactions in the innate immune response after cerebral ischemia. <i>Brain Research</i> , 2015, 1623, 53-62.	1.1	17
25	Ontogeny and Polarization of Macrophages in Inflammation: Blood Monocytes Versus Tissue Macrophages. <i>Frontiers in Immunology</i> , 2014, 5, 683.	2.2	177
26	Metabolic Reprogramming of Mononuclear Phagocytes in Progressive Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2015, 6, 106.	2.2	33
27	Arginase 1+ microglia reduce $\text{A}\beta$ plaque deposition during IL-1 β -dependent neuroinflammation. <i>Journal of Neuroinflammation</i> , 2015, 12, 203.	3.1	111
28	Immune dysregulation and cognitive vulnerability in the aging brain: Interactions of microglia, IL-1 β , BDNF and synaptic plasticity. <i>Neuropharmacology</i> , 2015, 96, 11-18.	2.0	213
29	APOE ϵ 4 modulated $\text{A}\beta$ -induced neuroinflammation in Alzheimer's disease: current landscape, novel data, and future perspective. <i>Journal of Neurochemistry</i> , 2015, 133, 465-488.	2.1	123
30	Lymphocytes from Chronically Stressed Mice Confer Antidepressant-Like Effects to Naive Mice. <i>Journal of Neuroscience</i> , 2015, 35, 1530-1538.	1.7	113
31	IL-10 plays a pivotal role in anti-inflammatory effects of resveratrol in activated microglia cells. <i>International Immunopharmacology</i> , 2015, 24, 369-376.	1.7	107
32	Protective and Toxic Neuroinflammation in Amyotrophic Lateral Sclerosis. <i>Neurotherapeutics</i> , 2015, 12, 364-375.	2.1	236
33	Selective modulation of microglia polarization to M2 phenotype for stroke treatment. <i>International Immunopharmacology</i> , 2015, 25, 377-382.	1.7	145
34	Post-traumatic epilepsy. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2015, 128, 525-538.	1.0	28
35	Preclinical characterization of DUOC-01, a cell therapy product derived from banked umbilical cord blood for use as an adjuvant to umbilical cord blood transplantation for treatment of inherited metabolic diseases. <i>Cytotherapy</i> , 2015, 17, 803-815.	0.3	21
36	Inhibition of JAK2 attenuates the increase in inflammatory markers in microglia from APP/PS1 mice. <i>Neurobiology of Aging</i> , 2015, 36, 2716-2724.	1.5	20

#	ARTICLE	IF	CITATIONS
37	Role for microglia in sex differences after ischemic stroke: importance of M2. <i>Metabolic Brain Disease</i> , 2015, 30, 1515-1529.	1.4	46
38	Alternatively activated microglia and macrophages in the central nervous system. <i>Progress in Neurobiology</i> , 2015, 131, 65-86.	2.8	561
39	Motor, Visual and Emotional Deficits in Mice after Closed-Head Mild Traumatic Brain Injury Are Alleviated by the Novel CB2 Inverse Agonist SMM-189. <i>International Journal of Molecular Sciences</i> , 2015, 16, 758-787.	1.8	71
40	Roles of microglia in brain development, tissue maintenance and repair. <i>Brain</i> , 2015, 138, 1138-1159.	3.7	316
41	The use of glial data in human health assessments of environmental contaminants. <i>Toxicology</i> , 2015, 333, 127-136.	2.0	10
42	Microglia in action: how aging and injury can change the brain's guardians. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 54.	1.8	74
43	Intercellular cross-talk in intracerebral hemorrhage. <i>Brain Research</i> , 2015, 1623, 97-109.	1.1	35
44	Sexually dimorphic outcomes and inflammatory responses in hypoxic-ischemic encephalopathy. <i>Journal of Neuroinflammation</i> , 2015, 12, 32.	3.1	137
45	Mechanisms of chemotherapy-induced behavioral toxicities. <i>Frontiers in Neuroscience</i> , 2015, 9, 131.	1.4	133
46	Modulating the Immune Response Towards a Neuroregenerative Peri-injury Milieu After Cerebral Hemorrhage. <i>Journal of NeuroImmune Pharmacology</i> , 2015, 10, 576-586.	2.1	49
47	Anti-inflammatory Mechanism of Ginseng Saponin Metabolite Rh3 in Lipopolysaccharide-Stimulated Microglia: Critical Role of 5 α -Adenosine Monophosphate-Activated Protein Kinase Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 3472-3480.	2.4	60
48	Deleterious versus protective autoimmunity in multiple sclerosis. <i>Cellular Immunology</i> , 2015, 296, 122-132.	1.4	26
49	Identification of a chronic non-neurodegenerative microglia activation state in a mouse model of peroxisomal β -oxidation deficiency. <i>Glia</i> , 2015, 63, 1606-1620.	2.5	45
50	Direct MRI detection of impending plaque development in multiple sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2015, 2, e145.	3.1	28
51	The impact of chronic blackberry intake on the neuroinflammatory status of rats fed a standard or high-fat diet. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1166-1173.	1.9	34
52	Epigenetic Modulation of Microglial Inflammatory Gene Loci in Helminth-Induced Immune Suppression. <i>ASN Neuro</i> , 2015, 7, 175909141559212.	1.5	20
53	Reprint of: Preclinical characterization of DUOC-01, a cell therapy product derived from banked umbilical cord blood for use as an adjuvant to umbilical cord blood transplantation for treatment of inherited metabolic diseases. <i>Cytotherapy</i> , 2015, 17, 1314-1326.	0.3	1
54	Abnormal microglial activation in the <i>Cstb</i> ^{+/+} mouse, a model for progressive myoclonus epilepsy, <i>EPM</i> 1. <i>Glia</i> , 2015, 63, 400-411.	2.5	55

#	ARTICLE	IF	CITATIONS
55	How dependent is synaptic plasticity on microglial phenotype?. <i>Neuropharmacology</i> , 2015, 96, 3-10.	2.0	20
56	Neuroinflammation in Alzheimer's disease; A source of heterogeneity and target for personalized therapy. <i>Neuroscience</i> , 2015, 302, 103-111.	1.1	144
57	mTOR in Multiple Sclerosis. , 2016, , 331-343.		5
58	Actions of Thyroid Hormone Analogues on Chemokines. <i>Journal of Immunology Research</i> , 2016, 2016, 1-7.	0.9	28
59	M1 and M2 Functional Imprinting of Primary Microglia: Role of P2X7 Activation and miR-125b. <i>Mediators of Inflammation</i> , 2016, 2016, 1-9.	1.4	43
60	Antioxidant Treatment Limits Neuroinflammation in Experimental Glaucoma. , 2016, 57, 2344.		65
61	Nutritional and Nanotechnological Modulators of Microglia. <i>Frontiers in Immunology</i> , 2016, 7, 270.	2.2	7
62	Inflammogenesis of Secondary Spinal Cord Injury. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 98.	1.8	322
63	Prefrontal Ischemia in the Rat Leads to Secondary Damage and Inflammation in Remote Gray and White Matter Regions. <i>Frontiers in Neuroscience</i> , 2016, 10, 81.	1.4	40
64	Mild Traumatic Brain Injury Produces Neuron Loss That Can Be Rescued by Modulating Microglial Activation Using a CB2 Receptor Inverse Agonist. <i>Frontiers in Neuroscience</i> , 2016, 10, 449.	1.4	52
65	Increased Expression of Osteopontin in Retinal Degeneration Induced by Blue Light-Emitting Diode Exposure in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 58.	1.4	21
66	Precision Medicine in Multiple Sclerosis: Future of PET Imaging of Inflammation and Reactive Astrocytes. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 85.	1.4	19
67	Ethanol-Induced Neurodegeneration and Glial Activation in the Developing Brain. <i>Brain Sciences</i> , 2016, 6, 31.	1.1	51
68	A Prenylated Xanthone, Cudraticusxanthone A, Isolated from <i>Cudrania tricuspidata</i> Inhibits Lipopolysaccharide-Induced Neuroinflammation through Inhibition of NF- κ B and p38 MAPK Pathways in BV2 Microglia. <i>Molecules</i> , 2016, 21, 1240.	1.7	24
69	Andrographolide induces Nrf2 and heme oxygenase 1 in astrocytes by activating p38 MAPK and ERK. <i>Journal of Neuroinflammation</i> , 2016, 13, 251.	3.1	65
70	TGF- β 1 modulates microglial phenotype and promotes recovery after intracerebral hemorrhage. <i>Journal of Clinical Investigation</i> , 2016, 127, 280-292.	3.9	211
71	Lack of α 2 exacerbates neurological outcome and modulates glial responses after traumatic brain injury. <i>Glia</i> , 2016, 64, 507-523.	2.5	48
72	Infiltrating T lymphocytes reduce myeloid phagocytosis activity in synucleinopathy model. <i>Journal of Neuroinflammation</i> , 2016, 13, 174.	3.1	40

#	ARTICLE	IF	CITATIONS
73	Microglia activation states and cannabinoid system: Therapeutic implications. , 2016, 166, 40-55.		127
74	Antiretrovirals inhibit arginase in human microglia. <i>Journal of Neurochemistry</i> , 2016, 136, 363-372.	2.1	15
75	Leishmania amazonensis infection induces behavioral alterations and modulates cytokine and neurotrophin production in the murine cerebral cortex. <i>Journal of Neuroimmunology</i> , 2016, 301, 65-73.	1.1	7
77	Magnetic Resonance Spectroscopy discriminates the response to microglial stimulation of wild type and Alzheimer's disease models. <i>Scientific Reports</i> , 2016, 6, 19880.	1.6	32
78	Does Microglial Activation Influence Hippocampal Volume and Neuronal Function in Alzheimer's Disease and Parkinson's Disease Dementia?. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 1275-1289.	1.2	62
79	A distinct brain pathway links viral RNA exposure to sickness behavior. <i>Scientific Reports</i> , 2016, 6, 29885.	1.6	31
80	Anti-neuroinflammatory effects of citreohybridonol involving TLR4-MyD88-mediated inhibition of NF- κ B and MAPK signaling pathways in lipopolysaccharide-stimulated BV2 cells. <i>Neurochemistry International</i> , 2016, 95, 55-62.	1.9	45
81	1400W, a highly selective inducible nitric oxide synthase inhibitor is a potential disease modifier in the rat kainate model of temporal lobe epilepsy. <i>Neurobiology of Disease</i> , 2016, 93, 184-200.	2.1	59
82	Lack of functional P2X7 receptor aggravates brain edema development after middle cerebral artery occlusion. <i>Purinergic Signalling</i> , 2016, 12, 453-463.	1.1	20
83	The role of macrophage polarization on bipolar disorder: Identifying new therapeutic targets. <i>Australian and New Zealand Journal of Psychiatry</i> , 2016, 50, 618-630.	1.3	28
84	Antidepressant therapies inhibit inflammation and microglial M1-polarization. , 2016, 163, 82-93.		167
85	A Helminth Protease Inhibitor Modulates the Lipopolysaccharide-Induced Proinflammatory Phenotype of Microglia in vitro. <i>NeuroImmunoModulation</i> , 2016, 23, 109-121.	0.9	11
86	Brain heterogeneity leads to differential innate immune responses and modulates pathogenesis of viral infections. <i>Cytokine and Growth Factor Reviews</i> , 2016, 30, 95-101.	3.2	17
87	Neuro-immune interactions across development: A look at glutamate in the prefrontal cortex. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 267-280.	2.9	30
88	Interleukin-13 immune gene therapy prevents CNS inflammation and demyelination via alternative activation of microglia and macrophages. <i>Glia</i> , 2016, 64, 2181-2200.	2.5	53
89	Role of Neuro-Immunological Factors in the Pathophysiology of Mood Disorders: Implications for Novel Therapeutics for Treatment Resistant Depression. <i>Current Topics in Behavioral Neurosciences</i> , 2016, 31, 339-356.	0.8	42
90	Innate Immunity in Viral Encephalitis. , 2016, , 251-303.		0
91	Microglia Function in the Normal Brain. <i>Advances in Experimental Medicine and Biology</i> , 2016, 949, 67-92.	0.8	36

#	ARTICLE	IF	CITATIONS
92	Age-Dependent Changes in the Activation and Regulation of Microglia. <i>Advances in Experimental Medicine and Biology</i> , 2016, 949, 205-226.	0.8	45
93	Adverse early life environment increases hippocampal microglia abundance in conjunction with decreased neural stem cells in juvenile mice. <i>International Journal of Developmental Neuroscience</i> , 2016, 55, 56-65.	0.7	23
94	NOX2 drives M1-like microglial/macrophage activation and neurodegeneration following experimental traumatic brain injury. <i>Brain, Behavior, and Immunity</i> , 2016, 58, 291-309.	2.0	152
95	Deficiency in the voltage-gated proton channel Hv1 increases M2 polarization of microglia and attenuates brain damage from photothrombotic ischemic stroke. <i>Journal of Neurochemistry</i> , 2016, 139, 96-105.	2.1	63
96	Lipocalin-2 as a therapeutic target for brain injury: An astrocentric perspective. <i>Progress in Neurobiology</i> , 2016, 144, 158-172.	2.8	107
97	Mesenchymal stem cells enhance α -synuclein clearance via M2 microglia polarization in experimental and human parkinsonian disorder. <i>Acta Neuropathologica</i> , 2016, 132, 685-701.	3.9	83
98	Role of dietary phenols in mitigating microglia-mediated neuroinflammation. <i>NeuroMolecular Medicine</i> , 2016, 18, 453-464.	1.8	49
99	Prior regular exercise improves clinical outcome and reduces demyelination and axonal injury in experimental autoimmune encephalomyelitis. <i>Journal of Neurochemistry</i> , 2016, 136, 63-73.	2.1	39
100	1-Oleoyl-lysophosphatidic acid (LPA) promotes polarization of BV-2 and primary murine microglia towards an M1-like phenotype. <i>Journal of Neuroinflammation</i> , 2016, 13, 205.	3.1	80
101	Immunological processes related to cognitive impairment in MS. <i>Acta Neurologica Scandinavica</i> , 2016, 134, 34-38.	1.0	10
102	Characterization of Macrophage/Microglial Activation and Effect of Photobiomodulation in the Spared Nerve Injury Model of Neuropathic Pain. <i>Pain Medicine</i> , 2017, 18, pnw144.	0.9	28
103	Detection of inflammatory cell function using ^{13}C magnetic resonance spectroscopy of hyperpolarized [6- ^{13}C]-arginine. <i>Scientific Reports</i> , 2016, 6, 31397.	1.6	24
104	Human Neural Stem Cell Transplantation-Mediated Alteration of Microglial/Macrophage Phenotypes after Traumatic Brain Injury. <i>Cell Transplantation</i> , 2016, 25, 1863-1877.	1.2	56
105	Osteopontin directly modulates cytokine expression of primary microglia and increases their survival. <i>Journal of Neuroimmunology</i> , 2016, 299, 130-138.	1.1	45
106	Interactions between inflammation, sex steroids, and Alzheimer's disease risk factors. <i>Frontiers in Neuroendocrinology</i> , 2016, 43, 60-82.	2.5	81
107	Minocycline attenuates postoperative cognitive impairment in aged mice by inhibiting microglia activation. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1632-1639.	1.6	43
108	Targeting glia for bone cancer pain. <i>Expert Opinion on Therapeutic Targets</i> , 2016, 20, 1365-1374.	1.5	36
109	Type I interferons contribute to the neuroinflammatory response and disease progression of the MPTP mouse model of Parkinson's disease. <i>Glia</i> , 2016, 64, 1590-1604.	2.5	71

#	ARTICLE	IF	CITATIONS
110	Bee venom phospholipase A2 ameliorates motor dysfunction and modulates microglia activation in Parkinson's disease alpha-synuclein transgenic mice. <i>Experimental and Molecular Medicine</i> , 2016, 48, e244-e244.	3.2	24
111	Modulation of Macrophage Activation. , 2016, , 123-149.		1
112	Effect of GDNF on Morphology, Proliferation, and Phagocytic Activity of Rat Neonatal Cortex Isolated Microglia. <i>BioNanoScience</i> , 2016, 6, 379-383.	1.5	4
113	Reduced acute neuroinflammation and improved functional recovery after traumatic brain injury by ω -3-linolenic acid supplementation in mice. <i>Journal of Neuroinflammation</i> , 2016, 13, 253.	3.1	40
114	Tanshinone IIA decreases the levels of inflammation induced by A β 1-42 in brain tissues of Alzheimer's disease model rats. <i>NeuroReport</i> , 2016, 27, 883-893.	0.6	15
115	BDNF Signaling Promotes Vestibular Compensation by Increasing Neurogenesis and Remodeling the Expression of Potassium-Chloride Cotransporter KCC2 and GABA _A Receptor in the Vestibular Nuclei. <i>Journal of Neuroscience</i> , 2016, 36, 6199-6212.	1.7	47
116	Characterization of a novel adult murine immortalized microglial cell line and its activation by amyloid-beta. <i>Journal of Neuroinflammation</i> , 2016, 13, 21.	3.1	44
117	Postmortem evidence of cerebral inflammation in schizophrenia: a systematic review. <i>Molecular Psychiatry</i> , 2016, 21, 1009-1026.	4.1	272
118	Rice bran derivatives alleviate microglia activation: possible involvement of MAPK pathway. <i>Journal of Neuroinflammation</i> , 2016, 13, 148.	3.1	60
119	Complex molecular and functional outcomes of single versus sequential cytokine stimulation of rat microglia. <i>Journal of Neuroinflammation</i> , 2016, 13, 66.	3.1	64
120	The Neural Cell Adhesion Molecule-Derived (NCAM)-Peptide FG Loop (FGL) Mobilizes Endogenous Neural Stem Cells and Promotes Endogenous Regenerative Capacity after Stroke. <i>Journal of NeuroImmune Pharmacology</i> , 2016, 11, 708-720.	2.1	17
121	CX3CR1 deficiency accelerates the development of retinopathy in a rodent model of type 1 diabetes. <i>Journal of Molecular Medicine</i> , 2016, 94, 1255-1265.	1.7	32
122	Role of P2X7 Receptor in an Animal Model of Mania Induced by D-Amphetamine. <i>Molecular Neurobiology</i> , 2016, 53, 611-620.	1.9	51
123	Microglia and neuroprotection. <i>Journal of Neurochemistry</i> , 2016, 136, 10-17.	2.1	296
124	N-3 polyunsaturated fatty acids in animal models with neuroinflammation: An update. <i>European Journal of Pharmacology</i> , 2016, 785, 187-206.	1.7	87
125	The Role of Activated Microglia and Resident Macrophages in the Neurovascular Unit during Cerebral Ischemia: Is the Jury Still Out?. <i>Medical Principles and Practice</i> , 2016, 25, 3-14.	1.1	45
126	Role of neuro-immunological factors in the pathophysiology of mood disorders. <i>Psychopharmacology</i> , 2016, 233, 1623-1636.	1.5	120
127	Obesity and sex interact in the regulation of Alzheimer's disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 67, 102-118.	2.9	65

#	ARTICLE	IF	CITATIONS
128	Functional polarization of neuroglia: Implications in neuroinflammation and neurological disorders. <i>Biochemical Pharmacology</i> , 2016, 103, 1-16.	2.0	207
129	Targeting specific cells in the brain with nanomedicines for CNS therapies. <i>Journal of Controlled Release</i> , 2016, 240, 212-226.	4.8	71
130	Reduction of the neuroprotective transcription factor Npas4 results in increased neuronal necrosis, inflammation and brain lesion size following ischaemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1449-1463.	2.4	33
131	Neuroinflammation in primary blast neurotrauma: Time course and prevention by torso shielding. <i>Experimental Neurology</i> , 2016, 277, 268-274.	2.0	13
132	The role of autophagy in modulation of neuroinflammation in microglia. <i>Neuroscience</i> , 2016, 319, 155-167.	1.1	148
133	Anthocyanin effects on microglia M1/M2 phenotype: Consequence on neuronal fractalkine expression. <i>Behavioural Brain Research</i> , 2016, 305, 223-228.	1.2	44
134	Anti-Inflammatory and Antioxidant Mechanism of Tangeretin in Activated Microglia. <i>Journal of NeuroImmune Pharmacology</i> , 2016, 11, 294-305.	2.1	64
135	Extracts from <i>Dendropanax morbifera</i> Leaves Have Modulatory Effects on Neuroinflammation in Microglia. <i>The American Journal of Chinese Medicine</i> , 2016, 44, 119-132.	1.5	15
136	Microglia-blood vessel interactions: a double-edged sword in brain pathologies. <i>Acta Neuropathologica</i> , 2016, 131, 347-363.	3.9	217
137	Microglial dysfunction connects depression and Alzheimer's disease. <i>Brain, Behavior, and Immunity</i> , 2016, 55, 151-165.	2.0	100
138	Crosstalk between endocannabinoid and immune systems: a potential dysregulation in depression?. <i>Psychopharmacology</i> , 2016, 233, 1591-1604.	1.5	52
139	A(H1N1) vaccination recruits T lymphocytes to the choroid plexus for the promotion of hippocampal neurogenesis and working memory in pregnant mice. <i>Brain, Behavior, and Immunity</i> , 2016, 53, 72-83.	2.0	26
140	Prenatal immune activation causes hippocampal synaptic deficits in the absence of overt microglia anomalies. <i>Brain, Behavior, and Immunity</i> , 2016, 55, 25-38.	2.0	124
141	Signal transduction and epigenetic mechanisms in the control of microglia activation during neuroinflammation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 339-351.	1.8	118
142	Microglial/Macrophage Polarization Dynamics following Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 1732-1750.	1.7	248
143	Glia-neuron interactions in the mammalian retina. <i>Progress in Retinal and Eye Research</i> , 2016, 51, 1-40.	7.3	593
144	Treatment of traumatic brain injury with anti-inflammatory drugs. <i>Experimental Neurology</i> , 2016, 275, 367-380.	2.0	126
145	Role of Microglial Activation in the Pathophysiology of Bacterial Meningitis. <i>Molecular Neurobiology</i> , 2016, 53, 1770-1781.	1.9	55

#	ARTICLE	IF	CITATIONS
146	Microglial <scp>M1/M2</scp> polarization and metabolic states. <i>British Journal of Pharmacology</i> , 2016, 173, 649-665.	2.7	1,308
147	Progressive inflammation-mediated neurodegeneration after traumatic brain or spinal cord injury. <i>British Journal of Pharmacology</i> , 2016, 173, 681-691.	2.7	217
148	The biphasic function of microglia in ischemic stroke. <i>Progress in Neurobiology</i> , 2017, 157, 247-272.	2.8	529
149	Microglia antioxidant systems and redox signalling. <i>British Journal of Pharmacology</i> , 2017, 174, 1719-1732.	2.7	95
150	Altered Expression of Growth Associated Protein-43 and Rho Kinase in Human Patients with Parkinson's Disease. <i>Brain Pathology</i> , 2017, 27, 13-25.	2.1	35
151	Polarization of microglia and its role in bacterial sepsis. <i>Journal of Neuroimmunology</i> , 2017, 303, 90-98.	1.1	43
152	Homology analysis detects topological changes of Iba1 localization accompanied by microglial activation. <i>Neuroscience</i> , 2017, 346, 43-51.	1.1	6
153	The role of neuroimmune signaling in alcoholism. <i>Neuropharmacology</i> , 2017, 122, 56-73.	2.0	225
154	Iso-Î±-acids, Bitter Components of Beer, Prevent Inflammation and Cognitive Decline Induced in a Mouse Model of Alzheimer's Disease. <i>Journal of Biological Chemistry</i> , 2017, 292, 3720-3728.	1.6	72
155	Neuropathological Consequences of Gestational Exposure to Concentrated Ambient Fine and Ultrafine Particles in the Mouse. <i>Toxicological Sciences</i> , 2017, 156, kfx010.	1.4	50
156	Identification of a fatty acid binding protein4-UCP2 axis regulating microglial mediated neuroinflammation. <i>Molecular and Cellular Neurosciences</i> , 2017, 80, 52-57.	1.0	49
157	Anti-inflammatory mechanism of lonchocarpine in LPS- or poly(I:C)-induced neuroinflammation. <i>Pharmacological Research</i> , 2017, 119, 431-442.	3.1	27
158	Microglia activation and phagocytosis: relationship with aging and cognitive impairment in the rhesus monkey. <i>GeroScience</i> , 2017, 39, 199-220.	2.1	90
159	Dexmedetomidine Regulates 6-hydroxydopamine-Induced Microglial Polarization. <i>Neurochemical Research</i> , 2017, 42, 1524-1532.	1.6	15
160	Modulation of Microglial Cell FcÎ³ Receptor Expression Following Viral Brain Infection. <i>Scientific Reports</i> , 2017, 7, 41889.	1.6	25
161	Inflammation and the neural diathesis-stress hypothesis of schizophrenia: a reconceptualization. <i>Translational Psychiatry</i> , 2017, 7, e1024-e1024.	2.4	193
162	Human amnion epithelial cells rescue cell death via immunomodulation of microglia in a mouse model of perinatal brain injury. <i>Stem Cell Research and Therapy</i> , 2017, 8, 46.	2.4	34
163	Microglia preconditioned by oxygen-glucose deprivation promote functional recovery in ischemic rats. <i>Scientific Reports</i> , 2017, 7, 42582.	1.6	69

#	ARTICLE	IF	CITATIONS
164	Alleviation of Microglial Activation Induced by p38 MAPK/MK2/PGE2 Axis by Capsaicin: Potential Involvement of other than TRPV1 Mechanism/s. <i>Scientific Reports</i> , 2017, 7, 116.	1.6	47
165	Kososan, a Kampo medicine, prevents a social avoidance behavior and attenuates neuroinflammation in socially defeated mice. <i>Journal of Neuroinflammation</i> , 2017, 14, 98.	3.1	29
166	Galactose-functionalised PCL nanofibre scaffolds to attenuate inflammatory action of astrocytes in vitro and in vivo. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4073-4083.	2.9	12
167	Phosphorylation of p53 by LRRK2 induces microglial tumor necrosis factor $\hat{\pm}$ -mediated neurotoxicity. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 1088-1094.	1.0	22
168	Spike-In SILAC Approach for Proteomic Analysis of Ex Vivo Microglia. <i>Methods in Molecular Biology</i> , 2017, 1598, 295-312.	0.4	2
169	The bidirectional gut-brain-microbiota axis as a potential nexus between traumatic brain injury, inflammation, and disease. <i>Brain, Behavior, and Immunity</i> , 2017, 66, 31-44.	2.0	134
170	Sex Bias in Pathogenesis of Autoimmune Neuroinflammation: Relevance for Dimethyl Fumarate Immunomodulatory/Anti-oxidant Action. <i>Molecular Neurobiology</i> , 2018, 55, 3755-3774.	1.9	10
171	Increased expression of M1 and M2 phenotypic markers in isolated microglia after four-day binge alcohol exposure in male rats. <i>Alcohol</i> , 2017, 62, 29-40.	0.8	83
172	The use of mesenchymal stem cells (MSCs) for amyotrophic lateral sclerosis (ALS) therapy – a perspective on cell biological mechanisms. <i>Reviews in the Neurosciences</i> , 2017, 28, 725-738.	1.4	14
173	Irradiation in a flash: Unique sparing of memory in mice after whole brain irradiation with dose rates above 100 Gy/s. <i>Radiotherapy and Oncology</i> , 2017, 124, 365-369.	0.3	410
174	Microglia Are Irrelevant for Neuronal Degeneration and Axon Regeneration after Acute Injury. <i>Journal of Neuroscience</i> , 2017, 37, 6113-6124.	1.7	155
175	Acute neuroinflammation induces AIS structural plasticity in a NOX2-dependent manner. <i>Journal of Neuroinflammation</i> , 2017, 14, 116.	3.1	36
176	Roles for CD8 ⁺ T Cells and IL-10 in the Resolution of Paclitaxel-Induced Neuropathic Pain. <i>Journal of Neuroscience</i> , 2017, 37, 2803-2805.	1.7	3
177	HuR promotes the molecular signature and phenotype of activated microglia: Implications for amyotrophic lateral sclerosis and other neurodegenerative diseases. <i>Glia</i> , 2017, 65, 945-963.	2.5	31
178	Differential response to intrahippocampal interleukin-4/interleukin-13 in aged and exercise mice. <i>Neuroscience</i> , 2017, 343, 106-114.	1.1	20
179	The Translational Significance of the Neurovascular Unit. <i>Journal of Biological Chemistry</i> , 2017, 292, 762-770.	1.6	224
180	Galectin-1 Reduces Neuroinflammation via Modulation of Nitric Oxide-Arginase Signaling in HIV-1 Transfected Microglia: a Gold Nanoparticle-Galectin-1 –Nanoplex – a Possible Neurotherapeutic?. <i>Journal of NeuroImmune Pharmacology</i> , 2017, 12, 133-151.	2.1	25
181	Type I interferons mediate the neuroinflammatory response and neurotoxicity induced by rotenone. <i>Journal of Neurochemistry</i> , 2017, 141, 75-85.	2.1	21

#	ARTICLE	IF	CITATIONS
182	Cellular reactions and compensatory tissue reorganization during spontaneous recovery after spinal cord injury in neonatal mice. <i>Developmental Neurobiology</i> , 2017, 77, 928-946.	1.5	7
183	Microglia in Physiology and Disease. <i>Annual Review of Physiology</i> , 2017, 79, 619-643.	5.6	1,011
184	Dual role of histamine on microglia-induced neurodegeneration. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 764-769.	1.8	38
185	TUDCA: An Agonist of the Bile Acid Receptor GPBAR1/TGR5 With Anti-inflammatory Effects in Microglial Cells. <i>Journal of Cellular Physiology</i> , 2017, 232, 2231-2245.	2.0	132
186	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
187	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
188	Adult hippocampal neurogenesis in neuropathic pain and alkyl glycerol ethers treatment. <i>Acta Histochemica</i> , 2017, 119, 812-821.	0.9	20
189	Cofilin signaling in hemin-induced microglial activation and inflammation. <i>Journal of Neuroimmunology</i> , 2017, 313, 46-55.	1.1	20
190	Regulatory role of NADPH oxidase 2 in the polarization dynamics and neurotoxicity of microglia/macrophages after traumatic brain injury. <i>Free Radical Biology and Medicine</i> , 2017, 113, 119-131.	1.3	47
191	RANKL-induced M1 macrophages are involved in bone formation. <i>Bone Research</i> , 2017, 5, 17019.	5.4	97
192	Progesterone therapy induces an M1 to M2 switch in microglia phenotype and suppresses NLRP3 inflammasome in a cuprizone-induced demyelination mouse model. <i>International Immunopharmacology</i> , 2017, 51, 131-139.	1.7	118
193	Alternative microglial activation is associated with cessation of progressive dopamine neuron loss in mice systemically administered lipopolysaccharide. <i>Neurobiology of Disease</i> , 2017, 108, 115-127.	2.1	47
194	Sex as a determinant of age-related changes in rat spinal cord inflammation-oxidation state. <i>Biogerontology</i> , 2017, 18, 821-839.	2.0	7
195	Anti-inflammatory mechanism of galangin in lipopolysaccharide-stimulated microglia: Critical role of PPAR- β signaling pathway. <i>Biochemical Pharmacology</i> , 2017, 144, 120-131.	2.0	100
196	Protection against RAGE-mediated neuronal cell death by sRAGE-secreting human mesenchymal stem cells in 5xFAD transgenic mouse model. <i>Brain, Behavior, and Immunity</i> , 2017, 66, 347-358.	2.0	25
197	A Single-Cell RNA Sequencing Study Reveals Cellular and Molecular Dynamics of the Hippocampal Neurogenic Niche. <i>Cell Reports</i> , 2017, 21, 3271-3284.	2.9	204
198	An immortalized microglial cell line (Mocha) derived from rat cochlea. <i>Molecular and Cellular Neurosciences</i> , 2017, 85, 202-210.	1.0	5
199	Direct Neuronal Reprogramming: Achievements, Hurdles, and New Roads to Success. <i>Cell Stem Cell</i> , 2017, 21, 18-34.	5.2	147

#	ARTICLE	IF	CITATIONS
200	Exercise attenuates neurological deficits by stimulating a critical HSP70/NF- κ B/IL-6/synapsin I axis in traumatic brain injury rats. <i>Journal of Neuroinflammation</i> , 2017, 14, 90.	3.1	43
201	Transcriptomic evidence of a para-inflammatory state in the middle aged lumbar spinal cord. <i>Immunity and Ageing</i> , 2017, 14, 9.	1.8	8
202	Role of Microglia in Neurological Disorders and Their Potentials as a Therapeutic Target. <i>Molecular Neurobiology</i> , 2017, 54, 7567-7584.	1.9	198
203	(Putative) sex differences in neuroimmune modulation of memory. <i>Journal of Neuroscience Research</i> , 2017, 95, 472-486.	1.3	26
204	Sex Differences in the Cerebral Collateral Circulation. <i>Translational Stroke Research</i> , 2017, 8, 273-283.	2.3	50
205	Blockade of Glutamine Synthetase Enhances Inflammatory Response in Microglial Cells. <i>Antioxidants and Redox Signaling</i> , 2017, 26, 351-363.	2.5	61
206	Bioaccessible (poly)phenol metabolites from raspberry protect neural cells from oxidative stress and attenuate microglia activation. <i>Food Chemistry</i> , 2017, 215, 274-283.	4.2	52
207	Contributions of the adaptive immune system to mood regulation: Mechanisms and pathways of neuroimmune interactions. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 79, 49-57.	2.5	30
208	Inflammatory Response in the CNS: Friend or Foe?. <i>Molecular Neurobiology</i> , 2017, 54, 8071-8089.	1.9	389
209	Sex differences in the immune response to experimental stroke: Implications for translational research. <i>Journal of Neuroscience Research</i> , 2017, 95, 437-446.	1.3	30
210	Role of microglia in fungal infections of the central nervous system. <i>Virulence</i> , 2017, 8, 705-718.	1.8	37
211	Neuroadhesive L1 coating attenuates acute microglial attachment to neural electrodes as revealed by live two-photon microscopy. <i>Biomaterials</i> , 2017, 113, 279-292.	5.7	99
212	Minocycline modulates microglia polarization in ischemia-reperfusion model of retinal degeneration and induces neuroprotection. <i>Scientific Reports</i> , 2017, 7, 14065.	1.6	46
213	Selective Reduction of Brain Docosahexaenoic Acid after Experimental Brain Injury and Mitigation of Neuroinflammatory Outcomes with Dietary DHA. <i>Current Research Concussion</i> , 2017, 04, e38-e54.	0.3	5
214	Cortical Iron Reflects Severity of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 1533-1545.	1.2	119
215	Microglia M2A Polarization as Potential Link between Food Allergy and Autism Spectrum Disorders. <i>Pharmaceuticals</i> , 2017, 10, 95.	1.7	26
216	NLRP3 Inflammasome in Neurological Diseases, from Functions to Therapies. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 63.	1.8	352
217	Translocator Protein-18 kDa (TSPO) Positron Emission Tomography (PET) Imaging and Its Clinical Impact in Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2017, 18, 785.	1.8	133

#	ARTICLE	IF	CITATIONS
218	Multifaceted Role of Neuropilins in the Immune System: Potential Targets for Immunotherapy. <i>Frontiers in Immunology</i> , 2017, 8, 1228.	2.2	165
219	Histamine Regulates the Inflammatory Profile of SOD1-G93A Microglia and the Histaminergic System Is Dysregulated in Amyotrophic Lateral Sclerosis. <i>Frontiers in Immunology</i> , 2017, 8, 1689.	2.2	37
220	Pharmacological Modulation of Functional Phenotypes of Microglia in Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 139.	1.7	136
221	Role of Atypical Chemokine Receptors in Microglial Activation and Polarization. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 148.	1.7	59
222	The Role of Microglia in Retinal Neurodegeneration: Alzheimer's Disease, Parkinson, and Glaucoma. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 214.	1.7	348
223	The Dual Role of Microglia in ALS: Mechanisms and Therapeutic Approaches. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 242.	1.7	180
224	Tryptanthrin Suppresses the Activation of the LPS-Treated BV2 Microglial Cell Line via Nrf2/HO-1 Antioxidant Signaling. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 18.	1.8	41
225	TIR-Domain-Containing Adapter-Inducing Interferon- $\hat{1}^2$ (TRIF) Is Essential for MPTP-Induced Dopaminergic Neuroprotection via Microglial Cell M1/M2 Modulation. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 35.	1.8	5
226	Androstenediol Reduces Demyelination-Induced Axonopathy in the Rat Corpus Callosum: Impact on Microglial Polarization. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 49.	1.8	13
227	Loss of IRF2BP2 in Microglia Increases Inflammation and Functional Deficits after Focal Ischemic Brain Injury. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 201.	1.8	38
228	Methylene Blue Mitigates Acute Neuroinflammation after Spinal Cord Injury through Inhibiting NLRP3 Inflammasome Activation in Microglia. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 391.	1.8	30
229	Anti-Inflammatory Targets for the Treatment of Reperfusion Injury in Stroke. <i>Frontiers in Neurology</i> , 2017, 8, 467.	1.1	178
230	Immune Modulation in the Treatment of Amyotrophic Lateral Sclerosis: A Review of Clinical Trials. <i>Frontiers in Neurology</i> , 2017, 8, 486.	1.1	39
231	Spared Nerve Injury Increases the Expression of Microglia M1 Markers in the Prefrontal Cortex of Rats and Provokes Depression-Like Behaviors. <i>Frontiers in Neuroscience</i> , 2017, 11, 209.	1.4	116
232	Alzheimer's Disease: The Role of Microglia in Brain Homeostasis and Proteopathy. <i>Frontiers in Neuroscience</i> , 2017, 11, 680.	1.4	108
233	Osteopontin Augments M2 Microglia Response and Separates M1- and M2-Polarized Microglial Activation in Permanent Focal Cerebral Ischemia. <i>Mediators of Inflammation</i> , 2017, 2017, 1-11.	1.4	39
234	Complex Roles of Microglial Cells in Ischemic Stroke Pathobiology: New Insights and Future Directions. <i>International Journal of Molecular Sciences</i> , 2017, 18, 496.	1.8	113
235	CCL11 is increased in the CNS in chronic traumatic encephalopathy but not in Alzheimer's disease. <i>PLoS ONE</i> , 2017, 12, e0185541.	1.1	56

#	ARTICLE	IF	CITATIONS
236	Responses of rat and mouse primary microglia to pro- and anti-inflammatory stimuli: molecular profiles, K ⁺ channels and migration. <i>Journal of Neuroinflammation</i> , 2017, 14, 166.	3.1	67
237	Genetic deletion or pharmacological inhibition of soluble epoxide hydrolase reduces brain damage and attenuates neuroinflammation after intracerebral hemorrhage. <i>Journal of Neuroinflammation</i> , 2017, 14, 230.	3.1	61
238	Etiogenic factors present in the cerebrospinal fluid from amyotrophic lateral sclerosis patients induce predominantly pro-inflammatory responses in microglia. <i>Journal of Neuroinflammation</i> , 2017, 14, 251.	3.1	33
239	Multiscale network modeling of oligodendrocytes reveals molecular components of myelin dysregulation in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2017, 12, 82.	4.4	100
240	Enhanced expressions of neurodegeneration-associated factors, UPS impairment, and excess A β accumulation in the hippocampus of mice with persistent cerebral toxocariasis. <i>Parasites and Vectors</i> , 2017, 10, 620.	1.0	11
241	Lack of chronic neuroinflammation in the absence of focal hemorrhage in a rat model of low-energy blast-induced TBI. <i>Acta Neuropathologica Communications</i> , 2017, 5, 80.	2.4	25
242	Young to Middle-Aged Dogs with High Amyloid- β Levels in Cerebrospinal Fluid are Impaired on Learning in Standard Cognition tests. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 763-774.	1.2	23
243	Bitter Components in Beer Regulate Microglial Inflammation and Prevent Cognitive Decline. <i>Journal of Clinical & Cellular Immunology</i> , 2017, 08, .	1.5	0
244	The Novel Implication of Androgen in Diabetes-induced Alzheimer's Disease. <i>Journal of Lipid and Atherosclerosis</i> , 2017, 6, 66.	1.1	1
245	Rehabilitation following hemorrhagic stroke: building the case for stroke-subtype specific recovery therapies. <i>F1000Research</i> , 2017, 6, 2044.	0.8	25
246	Comparative Anatomy of Glial Cells in Mammals. , 2017, , 309-348.		4
247	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
248	Microglia in prion diseases. <i>Journal of Clinical Investigation</i> , 2017, 127, 3230-3239.	3.9	89
249	XQ-1H protects against ischemic stroke by regulating microglia polarization through PPAR β pathway in mice. <i>International Immunopharmacology</i> , 2018, 57, 72-81.	1.7	38
250	2 β AG limits Theiler's virus induced acute neuroinflammation by modulating microglia and promoting MDSCs. <i>Glia</i> , 2018, 66, 1447-1463.	2.5	40
251	Neuroimmune Axes of the Blood-Brain Barriers and Blood-Brain Interfaces: Bases for Physiological Regulation, Disease States, and Pharmacological Interventions. <i>Pharmacological Reviews</i> , 2018, 70, 278-314.	7.1	242
252	Validation of IgY for the diagnosis of <i>Streptococcus agalactiae</i> -caused endocarditis and bacterial meningitis in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Fish and Shellfish Immunology</i> , 2018, 76, 153-160.	1.6	16
253	Dexmedetomidine Mitigates Microglia-Mediated Neuroinflammation through Upregulation of Programmed Cell Death Protein 1 in a Rat Spinal Cord Injury Model. <i>Journal of Neurotrauma</i> , 2018, 35, 2591-2603.	1.7	21

#	ARTICLE	IF	CITATIONS
254	Neurodegenerative diseases have genetic hallmarks of autoinflammatory disease. <i>Human Molecular Genetics</i> , 2018, 27, R108-R118.	1.4	21
255	Inflammation-induced iron transport and metabolism by brain microglia. <i>Journal of Biological Chemistry</i> , 2018, 293, 7853-7863.	1.6	107
256	Cannabinoids in health and disease: pharmacological potential in metabolic syndrome and neuroinflammation. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2018, 36, .	0.3	40
257	The influence of immunological stressors on traumatic brain injury. <i>Brain, Behavior, and Immunity</i> , 2018, 69, 618-628.	2.0	34
258	Implication of the Kallikrein-Kinin system in neurological disorders: Quest for potential biomarkers and mechanisms. <i>Progress in Neurobiology</i> , 2018, 165-167, 26-50.	2.8	65
259	Immune effects of the neurotoxins ciguatoxins and brevetoxins. <i>Toxicon</i> , 2018, 149, 6-19.	0.8	18
260	Roles of Eph/ephrin bidirectional signaling in central nervous system injury and recovery (Review). <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 2219-2227.	0.8	23
261	Differential Spinal and Supraspinal Activation of Glia in a Rat Model of Morphine Tolerance. <i>Neuroscience</i> , 2018, 375, 10-24.	1.1	46
262	In situ immune response and mechanisms of cell damage in central nervous system of fatal cases microcephaly by Zika virus. <i>Scientific Reports</i> , 2018, 8, 1.	1.6	14,531
263	Oxysterol levels and metabolism in the course of neuroinflammation: insights from in vitro and in vivo models. <i>Journal of Neuroinflammation</i> , 2018, 15, 74.	3.1	44
264	Potential immunotherapies for traumatic brain and spinal cord injury. <i>Chinese Journal of Traumatology - English Edition</i> , 2018, 21, 125-136.	0.7	35
265	Mechanistical retinal drug targets and challenges. <i>Advanced Drug Delivery Reviews</i> , 2018, 126, 177-184.	6.6	20
266	Frataxin overexpression in MÄ14ller cells protects retinal ganglion cells in a mouse model of ischemia/reperfusion injury in vivo. <i>Scientific Reports</i> , 2018, 8, 4846.	1.6	7
267	Characterization and Isolation of Mouse Primary Microglia by Density Gradient Centrifugation. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	5
268	Granulocyte-macrophage colony-stimulating factor neuroprotective activities in Alzheimerâ€™s disease mice. <i>Journal of Neuroimmunology</i> , 2018, 319, 80-92.	1.1	53
269	Acute exposure to diesel exhaust impairs adult neurogenesis in mice: prominence in males and protective effect of pioglitazone. <i>Archives of Toxicology</i> , 2018, 92, 1815-1829.	1.9	41
270	Differential transcriptional response profiles in human myeloid cell populations. <i>Clinical Immunology</i> , 2018, 189, 63-74.	1.4	15
271	Initial graft size and not the innate immune response limit survival of engrafted neural stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 784-793.	1.3	19

#	ARTICLE	IF	CITATIONS
272	Role of Caspase-3-Mediated Apoptosis in Chronic Caspase-3-Cleaved Tau Accumulation and Blood-Brain Barrier Damage in the Corpus Callosum after Traumatic Brain Injury in Rats. <i>Journal of Neurotrauma</i> , 2018, 35, 157-173.	1.7	70
273	Microglia: Housekeeper of the Central Nervous System. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 53-71.	1.7	170
274	Increased Expression of Translocator Protein (TSPO) Marks Pro-inflammatory Microglia but Does Not Predict Neurodegeneration. <i>Molecular Imaging and Biology</i> , 2018, 20, 94-102.	1.3	88
275	ABCG2 Is Associated with Outcomes after Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2018, 35, 48-53.	1.7	13
276	Minocycline plus N-acetylcysteine induces remyelination, synergistically protects oligodendrocytes and modifies neuroinflammation in a rat model of mild traumatic brain injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1312-1326.	2.4	50
277	Glucocorticoid programming of neuroimmune function. <i>General and Comparative Endocrinology</i> , 2018, 256, 80-88.	0.8	26
278	Functional amyloids: interrelationship with other amyloids and therapeutic assessment to treat neurodegenerative diseases. <i>International Journal of Neuroscience</i> , 2018, 128, 449-463.	0.8	12
279	Evidence of microglial activation following exposure to serum from first-onset drug-naïve schizophrenia patients. <i>Brain, Behavior, and Immunity</i> , 2018, 67, 364-373.	2.0	17
280	OMIP-041: Optimized multicolor immunofluorescence panel rat microglial staining protocol. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 182-185.	1.1	19
281	Glycoprotein NMB: an Emerging Role in Neurodegenerative Disease. <i>Molecular Neurobiology</i> , 2018, 55, 5167-5176.	1.9	32
282	SOD1 Mutations Causing Familial Amyotrophic Lateral Sclerosis Induce Toxicity in Astrocytes: Evidence for Bystander Effects in a Continuum of Astrogliosis. <i>Neurochemical Research</i> , 2018, 43, 166-179.	1.6	12
283	A Dual-Layered Microfluidic System for Long-Term Controlled In Situ Delivery of Multiple Anti-inflammatory Factors for Chronic Neural Applications. <i>Advanced Functional Materials</i> , 2018, 28, 1702009.	7.8	25
284	Protective effects of the GLP-1 mimetic exendin-4 in Parkinson's disease. <i>Neuropharmacology</i> , 2018, 136, 260-270.	2.0	68
285	Exposure to fine and ultrafine particulate matter during gestation alters postnatal oligodendrocyte maturation, proliferation capacity, and myelination. <i>NeuroToxicology</i> , 2018, 65, 196-206.	1.4	39
286	Quantitative analysis of TNF- α , IL-4, and IL-10 expression, nitric oxide response, and apoptosis in <i>Encephalitozoon cuniculi</i> -infected rabbits. <i>Developmental and Comparative Immunology</i> , 2018, 81, 235-243.	1.0	7
287	Reactive astrocytes in Alzheimer's disease: A double-edged sword. <i>Neuroscience Research</i> , 2018, 126, 44-52.	1.0	129
288	Gene expression profiles of M1 and M2 microglia characterized by comparative analysis of public datasets. <i>Clinical and Experimental Neuroimmunology</i> , 2018, 9, 124-138.	0.5	13
289	Individual differences in the brain are associated with resilience versus susceptibility to lipopolysaccharide-induced memory impairment. <i>Neuroscience Letters</i> , 2018, 662, 361-367.	1.0	5

#	ARTICLE	IF	CITATIONS
290	Pristimerin Inhibits LPS-Triggered Neurotoxicity in BV-2 Microglia Cells Through Modulating IRAK1/TRAF6/TAK1-Mediated NF- κ B and AP-1 Signaling Pathways In Vitro. <i>Neurotoxicity Research</i> , 2018, 33, 268-283.	1.3	34
291	Region-specific alterations in astrocyte and microglia morphology following exposure to blasts in the mouse hippocampus. <i>Neuroscience Letters</i> , 2018, 664, 160-166.	1.0	11
292	Crosstalk between endoplasmic reticulum stress and brain inflammation in Alzheimer's disease. <i>Neuropharmacology</i> , 2018, 136, 350-360.	2.0	61
293	Interferon regulatory factor 4/5 signaling impacts on microglial activation after ischemic stroke in mice. <i>European Journal of Neuroscience</i> , 2018, 47, 140-149.	1.2	53
294	Madecassoside activates anti-neuroinflammatory mechanisms by inhibiting lipopolysaccharide-induced microglial inflammation. <i>International Journal of Molecular Medicine</i> , 2018, 41, 3033-3040.	1.8	18
295	New Therapeutic Avenues of mCSF for Brain Diseases and Injuries. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 499.	1.8	24
296	Synthetic 3',4'-Dihydroxyflavone Exerts Anti-Neuroinflammatory Effects in BV2 Microglia and a Mouse Model. <i>Biomolecules and Therapeutics</i> , 2018, 26, 210-217.	1.1	16
297	Triggering microglia through toll-like receptor 2 pathway induced interferon β expression in cell and animal model of Alzheimer's disease. <i>NeuroReport</i> , 2018, 29, 1456-1462.	0.6	8
298	Ibuprofen prevents progression of ataxia telangiectasia symptoms in ATM-deficient mice. <i>Journal of Neuroinflammation</i> , 2018, 15, 308.	3.1	18
299	Switching of the Microglial Activation Phenotype Is a Possible Treatment for Depression Disorder. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 306.	1.8	214
300	Outside in: Unraveling the Role of Neuroinflammation in the Progression of Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018, 9, 860.	1.1	130
301	The protective mechanism underlying phenylethanoid glycosides (PHG) actions on synaptic plasticity in rat Alzheimer's disease model induced by beta amyloid 1-42. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 1098-1107.	1.1	8
302	TLR4 inhibitor TAK-242 attenuates the adverse neural effects of diet-induced obesity. <i>Journal of Neuroinflammation</i> , 2018, 15, 306.	3.1	40
303	Isorhamnetin alleviates lipopolysaccharide-induced inflammatory responses in BV2 microglia by inactivating NF- κ B, blocking the TLR4 pathway and reducing ROS generation. <i>International Journal of Molecular Medicine</i> , 2019, 43, 682-692.	1.8	54
304	Exercise-Induced Modulation of Neuroinflammation in Models of Alzheimer's Disease. <i>Brain Plasticity</i> , 2018, 4, 81-94.	1.9	45
305	A mathematical model of neuroinflammation in severe clinical traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2018, 15, 345.	3.1	14
306	Silent Free Fall at Disease Onset: A Perspective on Therapeutics for Progressive Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2018, 9, 973.	1.1	8
307	Phosphatidylserine-microbubble targeting-activated microglia/macrophage in inflammation combined with ultrasound for breaking through the blood-brain barrier. <i>Journal of Neuroinflammation</i> , 2018, 15, 334.	3.1	21

#	ARTICLE	IF	CITATIONS
308	The Multifarious Role of Microglia in Brain Metastasis. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 414.	1.8	25
309	Intravenous Administration of Bone Marrow-Derived Mesenchymal Stem Cell, but not Adipose Tissue-Derived Stem Cell, Ameliorated the Neonatal Hypoxic-Ischemic Brain Injury by Changing Cerebral Inflammatory State in Rat. <i>Frontiers in Neurology</i> , 2018, 9, 757.	1.1	37
310	LPS-induced histone H3 phospho(Ser10)-acetylation(Lys14) regulates neuronal and microglial neuroinflammatory response. <i>Brain, Behavior, and Immunity</i> , 2018, 74, 277-290.	2.0	39
311	Viral Encephalitis and Neurologic Diseases: Focus on Astrocytes. <i>Trends in Molecular Medicine</i> , 2018, 24, 950-962.	3.5	75
312	Stem cell factor induces polarization of microglia to the neuroprotective phenotype in vitro. <i>Heliyon</i> , 2018, 4, e00837.	1.4	23
313	Elucidating the Interactive Roles of Glia in Alzheimer's Disease Using Established and Newly Developed Experimental Models. <i>Frontiers in Neurology</i> , 2018, 9, 797.	1.1	44
314	Human Microglial Cells Undergo Proapoptotic Induction and Inflammatory Activation upon in vitro Exposure to a Naturally Occurring Level of Aflatoxin B ₁ . <i>NeuroImmunoModulation</i> , 2018, 25, 176-183.	0.9	31
315	Neurotoxicity after CTL019 in a pediatric and young adult cohort. <i>Annals of Neurology</i> , 2018, 84, 537-546.	2.8	82
316	Molecular Imaging of Neuroinflammation in Idiopathic Parkinson's Disease. <i>International Review of Neurobiology</i> , 2018, 141, 347-363.	0.9	15
317	Pivotal role of innate myeloid cells in cerebral post-ischemic sterile inflammation. <i>Seminars in Immunopathology</i> , 2018, 40, 523-538.	2.8	31
318	Emerging PET Radiotracers and Targets for Imaging of Neuroinflammation in Neurodegenerative Diseases: Outlook Beyond TSPO. <i>Molecular Imaging</i> , 2018, 17, 153601211879231.	0.7	158
319	In situ inflammasome activation results in severe damage to the central nervous system in fatal Zika virus microcephaly cases. <i>Cytokine</i> , 2018, 111, 255-264.	1.4	44
320	ITGB4 deficiency in bronchial epithelial cells directs airway inflammation and bipolar disorder-related behavior. <i>Journal of Neuroinflammation</i> , 2018, 15, 246.	3.1	20
321	Crocin, a natural product attenuates lipopolysaccharide-induced anxiety and depressive-like behaviors through suppressing NF-κB and NLRP3 signaling pathway. <i>Brain Research Bulletin</i> , 2018, 142, 352-359.	1.4	117
322	Conditional depletion of GSK3β protects oligodendrocytes from apoptosis and lessens demyelination in the acute cuprizone model. <i>Glia</i> , 2018, 66, 1999-2012.	2.5	12
323	Glial Activation and Central Synapse Loss, but Not Motoneuron Degeneration, Are Prevented by the Sigma-1 Receptor Agonist PRE-084 in the Smn2B ^{fl/y} Mouse Model of Spinal Muscular Atrophy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 577-597.	0.9	30
324	SIV Latency in Macrophages in the CNS. <i>Current Topics in Microbiology and Immunology</i> , 2018, 417, 111-130.	0.7	22
325	Increased brain docosahexaenoic acid has no effect on the resolution of neuroinflammation following intracerebroventricular lipopolysaccharide injection. <i>Neurochemistry International</i> , 2018, 118, 115-126.	1.9	6

#	ARTICLE	IF	CITATIONS
326	Imaging Reporter Strategy to Monitor Gene Activation of Microglia Polarisation States under Stimulation. <i>Journal of NeuroImmune Pharmacology</i> , 2018, 13, 371-382.	2.1	7
327	Effects of Low Phytanic Acid-Concentrated DHA on Activated Microglial Cells: Comparison with a Standard Phytanic Acid-Concentrated DHA. <i>NeuroMolecular Medicine</i> , 2018, 20, 328-342.	1.8	4
328	Encephalopathy of Prematurity. , 2018, , 405-424.e8.		8
329	Role of microglia M1/M2 polarisation in the paraventricular nucleus: New insight into the development of stress-induced hypertension in rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2018, 213, 71-80.	1.4	19
330	17 β -Estradiol Regulates Microglia Activation and Polarization in the Hippocampus Following Global Cerebral Ischemia. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-19.	1.9	43
331	Posttraumatic Seizures. , 2018, , 231-243.		0
332	Differences in neuroimmune signalling between male and female patients suffering from knee osteoarthritis. <i>Journal of Neuroimmunology</i> , 2018, 321, 49-60.	1.1	22
333	2-carba cyclic phosphatidic acid suppresses inflammation via regulation of microglial polarisation in the stab-wounded mouse cerebral cortex. <i>Scientific Reports</i> , 2018, 8, 9715.	1.6	20
334	Roflumilast promotes memory recovery and attenuates white matter injury in aged rats subjected to chronic cerebral hypoperfusion. <i>Neuropharmacology</i> , 2018, 138, 360-370.	2.0	37
336	The Biology of Regeneration Failure and Success After Spinal Cord Injury. <i>Physiological Reviews</i> , 2018, 98, 881-917.	13.1	540
337	IGF-1, Inflammation and Retinal Degeneration: A Close Network. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 203.	1.7	66
338	Microglia Responses to Pro-inflammatory Stimuli (LPS, IFN γ +TNF α) and Reprogramming by Resolving Cytokines (IL-4, IL-10). <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 215.	1.8	242
339	Sulforaphane Inhibits Lipopolysaccharide-Induced Inflammation, Cytotoxicity, Oxidative Stress, and miR-155 Expression and Switches to Mox Phenotype through Activating Extracellular Signal-Regulated Kinase 1/2 \rightarrow Nuclear Factor Erythroid 2-Related Factor 2/Antioxidant Response Element Pathway in Murine Microglial Cells. <i>Frontiers in Immunology</i> , 2018, 9, 36.	2.2	54
340	Cyclic AMP Pathway Suppress Autoimmune Neuroinflammation by Inhibiting Functions of Encephalitogenic CD4 T Cells and Enhancing M2 Macrophage Polarization at the Site of Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 50.	2.2	71
341	Differential Phagocytic Properties of CD45 ^{low} Microglia and CD45 ^{high} Brain Mononuclear Phagocytes \rightarrow Activation and Age-Related Effects. <i>Frontiers in Immunology</i> , 2018, 9, 405.	2.2	102
342	Neuroprotective Role of the Ron Receptor Tyrosine Kinase Underlying Central Nervous System Inflammation in Health and Disease. <i>Frontiers in Immunology</i> , 2018, 9, 513.	2.2	13
343	Neuroendocrine Control of Macrophage Development and Function. <i>Frontiers in Immunology</i> , 2018, 9, 1440.	2.2	23
344	Comparing Effects of Transforming Growth Factor β 1 on Microglia From Rat and Mouse: Transcriptional Profiles and Potassium Channels. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 115.	1.8	33

#	ARTICLE	IF	CITATIONS
345	Dose-Dependent Effect of Intravenous Administration of Human Umbilical Cord-Derived Mesenchymal Stem Cells in Neonatal Stroke Mice. <i>Frontiers in Neurology</i> , 2018, 9, 133.	1.1	53
346	Investigation of Gal-3 Expression Pattern in Serum and Cerebrospinal Fluid of Patients Suffering From Neurodegenerative Disorders. <i>Frontiers in Neuroscience</i> , 2018, 12, 430.	1.4	29
347	New Progress on the Role of Glia in Iron Metabolism and Iron-Induced Degeneration of Dopamine Neurons in Parkinson's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2018, 10, 455.	1.4	55
348	Lipoprotein Lipase Is a Feature of Alternatively-Activated Microglia and May Facilitate Lipid Uptake in the CNS During Demyelination. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 57.	1.4	59
349	Hemostatic nanoparticles increase survival, mitigate neuropathology and alleviate anxiety in a rodent blast trauma model. <i>Scientific Reports</i> , 2018, 8, 10622.	1.6	33
350	PET Imaging of Microglial Activation—Beyond Targeting TSPO. <i>Molecules</i> , 2018, 23, 607.	1.7	85
351	Cyanobacteria <i>Scytonema javanicum</i> and <i>Scytonema ocellatum</i> Lipopolysaccharides Elicit Release of Superoxide Anion, Matrix-Metalloproteinase-9, Cytokines and Chemokines by Rat Microglia In Vitro. <i>Toxins</i> , 2018, 10, 130.	1.5	5
352	Ecto-5'-nucleotidase (CD73) attenuates inflammation after spinal cord injury by promoting macrophages/microglia M2 polarization in mice. <i>Journal of Neuroinflammation</i> , 2018, 15, 155.	3.1	67
353	Concentrated Conditioned Media from Adipose Tissue Derived Mesenchymal Stem Cells Mitigates Visual Deficits and Retinal Inflammation Following Mild Traumatic Brain Injury. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2016.	1.8	47
354	Correlation of mRNA Expression and Signal Variability in Chronic Intracortical Electrodes. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 26.	2.0	22
355	Paeoniflorin exerts neuroprotective effects by modulating the M1/M2 subset polarization of microglia/macrophages in the hippocampal CA1 region of vascular dementia rats via cannabinoid receptor 2. <i>Chinese Medicine</i> , 2018, 13, 14.	1.6	80
356	Laquinimod ameliorates excitotoxic damage by regulating glutamate re-uptake. <i>Journal of Neuroinflammation</i> , 2018, 15, 5.	3.1	25
357	Age-related cognitive impairment is associated with long-term neuroinflammation and oxidative stress in a mouse model of episodic systemic inflammation. <i>Journal of Neuroinflammation</i> , 2018, 15, 28.	3.1	102
358	URMC-099 facilitates amyloid- β clearance in a murine model of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2018, 15, 137.	3.1	36
359	Delayed treatment of propofol inhibits lipopolysaccharide-induced inflammation in microglia through the PI3K/PKB pathway. <i>NeuroReport</i> , 2018, 29, 839-845.	0.6	9
360	Correlation between Apoptosis and in Situ Immune Response in Fatal Cases of Microcephaly Caused by Zika Virus. <i>American Journal of Pathology</i> , 2018, 188, 2644-2652.	1.9	32
361	Evaluation of Chitotriosidase and CC-Chemokine Ligand 18 as Biomarkers of Microglia Activation in Amyotrophic Lateral Sclerosis. <i>Neurodegenerative Diseases</i> , 2018, 18, 208-215.	0.8	17
362	Fibroblast Growth Factor 2 Modulates Hippocampal Microglia Activation in a Neuroinflammation Induced Model of Depression. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 255.	1.8	44

#	ARTICLE	IF	CITATIONS
363	Roles of Specialized Pro-Resolving Lipid Mediators in Cerebral Ischemia Reperfusion Injury. <i>Frontiers in Neurology</i> , 2018, 9, 617.	1.1	19
364	Mortal engines: Mitochondrial bioenergetics and dysfunction in neurodegenerative diseases. <i>Pharmacological Research</i> , 2018, 138, 2-15.	3.1	46
365	Role of metabolic programming in the modulation of microglia phagocytosis by lipids. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 135, 63-73.	1.0	34
366	The Kaleidoscope of Microglial Phenotypes. <i>Frontiers in Immunology</i> , 2018, 9, 1753.	2.2	221
367	Positron emission tomography imaging in evaluation of MS pathology in vivo. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1399-1412.	1.4	22
368	Myeloid cells as therapeutic targets in neuroinflammation after stroke: Specific roles of neutrophils and neutrophil-platelet interactions. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 2150-2164.	2.4	83
369	Treatment targets for M2 microglia polarization in ischemic stroke. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 518-525.	2.5	150
370	Salt-Inducible Kinase 1 (SIK1) is Induced by Alcohol and Suppresses Microglia Inflammation via NF- κ B Signaling. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 1411-1421.	1.1	16
371	Effects of Dietary Components on Microglia Inactivation in Alzheimer's Disease. , 2018, , 117-137.		0
372	Anti-inflammatory and antioxidant mechanisms of urolithin B in activated microglia. <i>Phytomedicine</i> , 2019, 55, 50-57.	2.3	70
373	Neuroinflammation and microglia in glaucoma: time for a paradigm shift. <i>Journal of Neuroscience Research</i> , 2019, 97, 70-76.	1.3	135
374	Early Sex Differences in the Immune-Inflammatory Responses to Neonatal Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3809.	1.8	31
375	Synthesis of polyfluoroalkyl sp2-iminosugar glycolipids and evaluation of their immunomodulatory properties towards anti-tumor, anti-leishmanial and anti-inflammatory therapies. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111604.	2.6	18
376	Increased P2X7 Receptor Binding Is Associated With Neuroinflammation in Acute but Not Chronic Rodent Models for Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 799.	1.4	35
377	Examining the relationship between astrocyte dysfunction and neurodegeneration in ALS using hiPSCs. <i>Neurobiology of Disease</i> , 2019, 132, 104562.	2.1	20
378	Acute LPS sensitization and continuous infusion exacerbates hypoxic brain injury in a piglet model of neonatal encephalopathy. <i>Scientific Reports</i> , 2019, 9, 10184.	1.6	36
379	Safety and efficacy of focused ultrasound induced blood-brain barrier opening, an integrative review of animal and human studies. <i>Journal of Controlled Release</i> , 2019, 309, 25-36.	4.8	85
380	Post-Stroke Microglia Induce Sirtuin2 Expression to Suppress the Anti-inflammatory Function of Infiltrating Regulatory T Cells. <i>Inflammation</i> , 2019, 42, 1968-1979.	1.7	31

#	ARTICLE	IF	CITATIONS
381	Neuroinflammation and Glial Phenotypic Changes in Alpha-Synucleinopathies. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 263.	1.8	54
382	Heat Shock Proteins in Neural Signaling: Implications in Health and Disease. <i>Heat Shock Proteins</i> , 2019, , 459-478.	0.2	1
383	Spleen tyrosine kinase (SYK) blocks autophagic Tau degradation in vitro and in vivo. <i>Journal of Biological Chemistry</i> , 2019, 294, 13378-13395.	1.6	31
384	Protective effects of delayed intraventricular TLR7 agonist administration on cerebral white and gray matter following asphyxia in the preterm fetal sheep. <i>Scientific Reports</i> , 2019, 9, 9562.	1.6	12
385	Systemic TLR2 tolerance enhances central nervous system remyelination. <i>Journal of Neuroinflammation</i> , 2019, 16, 158.	3.1	24
386	Detrimental and protective action of microglial extracellular vesicles on myelin lesions: astrocyte involvement in remyelination failure. <i>Acta Neuropathologica</i> , 2019, 138, 987-1012.	3.9	120
387	Macrophage galactose-type lectin (MGL) is induced on M2 microglia and participates in the resolution phase of autoimmune neuroinflammation. <i>Journal of Neuroinflammation</i> , 2019, 16, 130.	3.1	23
388	Revealing Spatial and Temporal Patterns of Cell Death, Glial Proliferation, and Blood-Brain Barrier Dysfunction Around Implanted Intracortical Neural Interfaces. <i>Frontiers in Neuroscience</i> , 2019, 13, 493.	1.4	55
389	Its complicated: The relationship between alcohol and microglia in the search for novel pharmacotherapeutic targets for alcohol use disorders. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 167, 179-221.	0.9	30
390	Reformulating Pro-Oxidant Microglia in Neurodegeneration. <i>Journal of Clinical Medicine</i> , 2019, 8, 1719.	1.0	47
391	TIMP-1 Attenuates the Development of Inflammatory Pain Through MMP-Dependent and Receptor-Mediated Cell Signaling Mechanisms. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 220.	1.4	50
392	Transcriptional Networks of Microglia in Alzheimer's Disease and Insights into Pathogenesis. <i>Genes</i> , 2019, 10, 798.	1.0	19
393	Bone marrow-mesenchymal stem cells modulate microglial activation in the peri-infarct area in rats during the acute phase of stroke. <i>Brain Research Bulletin</i> , 2019, 153, 324-333.	1.4	28
394	<p>Soluble epoxide hydrolase inhibition enhances anti-inflammatory and antioxidative processes, modulates microglia polarization, and promotes recovery after ischemic stroke</p>. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 2927-2941.	1.0	14
395	Peripheral loss of EphA4 ameliorates TBI-induced neuroinflammation and tissue damage. <i>Journal of Neuroinflammation</i> , 2019, 16, 210.	3.1	23
396	The Role of Neuronal Factors in the Epigenetic Reprogramming of Microglia in the Normal and Diseased Central Nervous System. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 453.	1.8	23
397	Cerebrolysin Ameliorates Focal Cerebral Ischemia Injury Through Neuroinflammatory Inhibition via CREB/PGC-1 β Pathway. <i>Frontiers in Pharmacology</i> , 2019, 10, 1245.	1.6	45
398	Early treatment with minocycline following stroke in rats improves functional recovery and differentially modifies responses of peri-infarct microglia and astrocytes. <i>Journal of Neuroinflammation</i> , 2019, 16, 6.	3.1	63

#	ARTICLE	IF	CITATIONS
399	S1P2 contributes to microglial activation and M1 polarization following cerebral ischemia through ERK1/2 and JNK. <i>Scientific Reports</i> , 2019, 9, 12106.	1.6	50
400	Cessation of anti-VLA-4 therapy in a focal rat model of multiple sclerosis causes an increase in neuroinflammation. <i>EJNMMI Research</i> , 2019, 9, 38.	1.1	4
401	Murine iPSC-derived microglia and macrophage cell culture models recapitulate distinct phenotypical and functional properties of classical and alternative neuro-immune polarisation. <i>Brain, Behavior, and Immunity</i> , 2019, 82, 406-421.	2.0	19
402	Rescue of Noradrenergic System as a Novel Pharmacological Strategy in the Treatment of Chronic Pain: Focus on Microglia Activation. <i>Frontiers in Pharmacology</i> , 2019, 10, 1024.	1.6	28
403	Innate Immunity in the Central Nervous System: A Missing Piece of the Autoimmune Encephalitis Puzzle?. <i>Frontiers in Immunology</i> , 2019, 10, 2066.	2.2	53
404	Neurobiology and Therapeutic Potential of Cyclooxygenase-2 (COX-2) Inhibitors for Inflammation in Neuropsychiatric Disorders. <i>Frontiers in Psychiatry</i> , 2019, 10, 605.	1.3	43
405	Stem cells from the dental apical papilla in extracellular matrix hydrogels mitigate inflammation of microglial cells. <i>Scientific Reports</i> , 2019, 9, 14015.	1.6	16
406	Cell-Type-Specific Interleukin 1 Receptor 1 Signaling in the Brain Regulates Distinct Neuroimmune Activities. <i>Immunity</i> , 2019, 50, 317-333.e6.	6.6	116
407	Maternal immune activation-induced PPAR β -dependent dysfunction of microglia associated with neurogenic impairment and aberrant postnatal behaviors in offspring. <i>Neurobiology of Disease</i> , 2019, 125, 1-13.	2.1	57
408	Mitochondria, Microglia, and the Immune System—How Are They Linked in Affective Disorders?. <i>Frontiers in Psychiatry</i> , 2018, 9, 739.	1.3	64
409	A Blazing Landscape: Neuroinflammation Shapes Brain Metastasis. <i>Cancer Research</i> , 2019, 79, 423-436.	0.4	60
410	Effects of Betaine on LPS-Stimulated Activation of Microglial M1/M2 Phenotypes by Suppressing TLR4/NF- κ B Pathways in N9 Cells. <i>Molecules</i> , 2019, 24, 367.	1.7	69
411	Involvement of AMP-activated protein kinase in neuroinflammation and neurodegeneration in the adult and developing brain. <i>International Journal of Developmental Neuroscience</i> , 2019, 77, 48-59.	0.7	43
412	The role of microRNAs in newborn brain development and hypoxic ischaemic encephalopathy. <i>Neuropharmacology</i> , 2019, 149, 55-65.	2.0	37
413	Enhanced remyelination during late pregnancy: involvement of the GABAergic system. <i>Scientific Reports</i> , 2019, 9, 7728.	1.6	26
414	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
415	Mechanistic Effect of Heavy Metals in Neurological Disorder and Brain Cancer. <i>Environmental Science and Engineering</i> , 2019, , 25-47.	0.1	14
416	Glatiramer Acetate Reverses Motor Dysfunction and the Decrease in Tyrosine Hydroxylase Levels in a Mouse Model of Parkinson's Disease. <i>Neuroscience</i> , 2019, 414, 8-27.	1.1	20

#	ARTICLE	IF	CITATIONS
417	Neuregulin-1/ErbB network: An emerging modulator of nervous system injury and repair. <i>Progress in Neurobiology</i> , 2019, 180, 101643.	2.8	74
418	Protective Effect of Semisynthetic and Natural Flavonoid on Aged Rat Microglia-enriched Cultures. <i>Neurotoxicity Research</i> , 2019, 36, 844-858.	1.3	1
419	MMPs and ADAMs in neurological infectious diseases and multiple sclerosis. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3097-3116.	2.4	46
420	Role of bone marrow-derived macrophages (BMDMs) in neurovascular interactions during stroke. <i>Neurochemistry International</i> , 2019, 129, 104480.	1.9	12
421	Transplantation of mesenchymal stem cells overexpressing interleukin-10 induces autophagy response and promotes neuroprotection in a rat model of TBI. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 5211-5224.	1.6	39
422	The neuroprotection of hypoxic adipose tissue-derived mesenchymal stem cells in experimental traumatic brain injury. <i>Cell Transplantation</i> , 2019, 28, 874-884.	1.2	19
423	Danshen extract (<i>Salvia miltiorrhiza</i> Bunge) attenuate spinal cord injury in a rat model: A metabolomic approach for the mechanism study. <i>Phytomedicine</i> , 2019, 62, 152966.	2.3	11
424	Angiotensin II Receptor 1 Blockage Limits Brain Damage and Improves Functional Outcome After Brain Injury in Aged Animals Despite Age-Dependent Reduction in AT1 Expression. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 63.	1.7	14
425	Synthesis and in vitro evaluation of fluorine-18 benzimidazole sulfones as CB2 PET-radioligands. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5086-5098.	1.5	13
426	Contribution of microglial reaction to increased nociceptive responses in high-fat-diet (HFD)-induced obesity in male mice. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 777-792.	2.0	30
427	Microglia suppress the secondary progression of autoimmune encephalomyelitis. <i>Glia</i> , 2019, 67, 1694-1704.	2.5	38
428	Menaquinone-4 Suppresses Lipopolysaccharide-Induced Inflammation in MC6 Mouse Microglia-Derived Cells by Inhibiting the NF- κ B Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2317.	1.8	27
429	Microglia-mediated neuroinflammation in neurodegenerative diseases. <i>Seminars in Cell and Developmental Biology</i> , 2019, 94, 112-120.	2.3	472
430	Suppressing the Na ⁺ /H ⁺ exchanger 1: a new sight to treat depression. <i>Cell Death and Disease</i> , 2019, 10, 370.	2.7	15
431	Microglial activation after ischaemic stroke. <i>Stroke and Vascular Neurology</i> , 2019, 4, 71-74.	1.5	82
432	Natural products as a potential modulator of microglial polarization in neurodegenerative diseases. <i>Pharmacological Research</i> , 2019, 145, 104253.	3.1	71
433	Sulforaphane-Enriched Broccoli Sprouts Pretreated by Pulsed Electric Fields Reduces Neuroinflammation and Ameliorates Scopolamine-Induced Amnesia in Mouse Brain through Its Antioxidant Ability via Nrf2-HO-1 Activation. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-19.	1.9	49
434	Protective effects of mesenchymal stem cells overexpressing extracellular regulating kinase 1/2 against stroke in rats. <i>Brain Research Bulletin</i> , 2019, 149, 42-52.	1.4	10

#	ARTICLE	IF	CITATIONS
435	MicroRNAs in Neuroinflammation: Implications in Disease Pathogenesis, Biomarker Discovery and Therapeutic Applications. <i>Non-coding RNA</i> , 2019, 5, 35.	1.3	158
436	Immunometabolic phenotype of BV-2 microglia cells upon murine cytomegalovirus infection. <i>Journal of NeuroVirology</i> , 2019, 25, 496-507.	1.0	5
437	Electroacupuncture-induced cannabinoid receptor expression in repair of abducens nerve. <i>International Journal of Neuroscience</i> , 2019, 129, 923-929.	0.8	3
438	Cerebrovascular inflammation: A critical trigger for neurovascular injury?. <i>Neurochemistry International</i> , 2019, 126, 165-177.	1.9	27
439	Significant roles of neuroinflammation in Parkinson's disease: therapeutic targets for PD prevention. <i>Archives of Pharmacal Research</i> , 2019, 42, 416-425.	2.7	107
440	<i>Lycium barbarum</i> (Wolfberry) Increases Retinal Ganglion Cell Survival and Affects both Microglia/Macrophage Polarization and Autophagy after Rat Partial Optic Nerve Transection. <i>Cell Transplantation</i> , 2019, 28, 607-618.	1.2	15
441	Lupeol inhibits LPS-induced neuroinflammation in cerebellar cultures and induces neuroprotection associated to the modulation of astrocyte response and expression of neurotrophic and inflammatory factors. <i>International Immunopharmacology</i> , 2019, 70, 302-312.	1.7	31
442	Early-life adversity programs long-term cytokine and microglia expression within the HPA axis in female Japanese quail. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	6
443	Role of MSK1 in the Induction of NF- κ B by the Chemokine CX3CL1 in Microglial Cells. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 331-340.	1.7	18
444	Role and mechanisms of cytokines in the secondary brain injury after intracerebral hemorrhage. <i>Progress in Neurobiology</i> , 2019, 178, 101610.	2.8	185
445	3D Organotypic Spinal Cultures: Exploring Neuron and Neuroglia Responses Upon Prolonged Exposure to Graphene Oxide. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 1.	1.2	40
446	Human Umbilical Cord Therapy Improves Long-Term Behavioral Outcomes Following Neonatal Hypoxic Ischemic Brain Injury. <i>Frontiers in Physiology</i> , 2019, 10, 283.	1.3	27
447	Loss of ferritin-positive microglia relates to increased iron, RNA oxidation, and dystrophic microglia in the brains of aged male marmosets. <i>American Journal of Primatology</i> , 2019, 81, e22956.	0.8	27
448	Mesenchymal stem cell mediated effects on microglial phenotype in cuprizone-induced demyelination model. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 13952-13964.	1.2	26
449	Caspase-1 inhibition mediates neuroprotection in experimental stroke by polarizing M2 microglia/macrophage and suppressing NF- κ B activation. <i>Biochemical and Biophysical Research Communications</i> , 2019, 513, 479-485.	1.0	59
450	The Role of Microglia in Bacterial Meningitis: Inflammatory Response, Experimental Models and New Neuroprotective Therapeutic Strategies. <i>Frontiers in Microbiology</i> , 2019, 10, 576.	1.5	30
451	Astrocyte Heterogeneity: Impact to Brain Aging and Disease. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 59.	1.7	256
452	Amelioration of visual deficits and visual system pathology after mild TBI with the cannabinoid type-2 receptor inverse agonist SMM-189. <i>Experimental Eye Research</i> , 2019, 182, 109-124.	1.2	37

#	ARTICLE	IF	CITATIONS
453	Curcumin restores innate immune Alzheimer's disease risk gene expression to ameliorate Alzheimer pathogenesis. <i>Neurobiology of Disease</i> , 2019, 127, 432-448.	2.1	70
454	Mechanisms of neurobehavioral abnormalities in multiple sclerosis: Contributions from neural and immune components. <i>Clinical Neurophysiology Practice</i> , 2019, 4, 39-46.	0.6	8
455	Delayed Galectin-3-Mediated Reprogramming of Microglia After Stroke is Protective. <i>Molecular Neurobiology</i> , 2019, 56, 6371-6385.	1.9	35
456	CX3CR1-deficient microglia shows impaired signalling of the transcription factor NRF2: Implications in tauopathies. <i>Redox Biology</i> , 2019, 22, 101118.	3.9	34
457	The role of microglial inflammasome activation in pyroptotic cell death following penetrating traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2019, 16, 27.	3.1	75
458	Anti-Inflammatory Activity of A Polyphenolic Extract from <i>Arabidopsis thaliana</i> in In Vitro and In Vivo Models of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 708.	1.8	34
459	The Role of Connexin and Pannexin Channels in Perinatal Brain Injury and Inflammation. <i>Frontiers in Physiology</i> , 2019, 10, 141.	1.3	48
460	Apolipoprotein E Deficiency Aggravates Neuronal Injury by Enhancing Neuroinflammation via the JNK/c-Jun Pathway in the Early Phase of Experimental Subarachnoid Hemorrhage in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	1.9	57
461	Unique primed status of microglia under the systemic autoimmune condition of lupus-prone mice. <i>Arthritis Research and Therapy</i> , 2019, 21, 303.	1.6	16
462	Experimental colitis reduces microglial cell activation in the mouse brain without affecting microglial cell numbers. <i>Scientific Reports</i> , 2019, 9, 20217.	1.6	24
463	Evaluation of Microglia/Macrophage Cells from Rat Striatum and Prefrontal Cortex Reveals Differential Expression of Inflammatory-Related mRNA after Methamphetamine. <i>Brain Sciences</i> , 2019, 9, 340.	1.1	9
464	The phosphodiesterase 10 inhibitor papaverine exerts anti-inflammatory and neuroprotective effects via the PKA signaling pathway in neuroinflammation and Parkinson's disease mouse models. <i>Journal of Neuroinflammation</i> , 2019, 16, 246.	3.1	52
465	Latest advances in cerebrospinal fluid and blood biomarkers of Alzheimer's disease. <i>Therapeutic Advances in Neurological Disorders</i> , 2019, 12, 175628641988881.	1.5	46
466	Lupus serum IgG induces microglia activation through Fc fragment dependent way and modulated by B-cell activating factor. <i>Journal of Translational Medicine</i> , 2019, 17, 426.	1.8	17
467	A Quantitative Approach to SIV Functional Latency in Brain Macrophages. <i>Journal of Neuroimmune Pharmacology</i> , 2019, 14, 23-32.	2.1	12
468	MicroRNAs and the Genetic Nexus of Brain Aging, Neuroinflammation, Neurodegeneration, and Brain Trauma. <i>Journal of Neurotrauma</i> , 2019, 10, 329.		33
469	Microglial-driven changes in synaptic plasticity: A possible role in major depressive disorder. <i>Psychoneuroendocrinology</i> , 2019, 102, 236-247.	1.3	51
470	Myeloid cell IRF4 signaling protects neonatal brains from hypoxic ischemic encephalopathy. <i>Neurochemistry International</i> , 2019, 127, 148-157.	1.9	11

#	ARTICLE	IF	CITATIONS
471	Deficiency of α 1,6-fucosyltransferase promotes neuroinflammation by increasing the sensitivity of glial cells to inflammatory mediators. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 598-608.	1.1	22
472	$\text{A}\beta$ stimulates microglial activation through antizyme-dependent downregulation of ornithine decarboxylase. <i>Journal of Cellular Physiology</i> , 2019, 234, 9733-9745.	2.0	13
473	Engineering advanced neural tissue constructs to mitigate acute cerebral inflammation after brain transplantation in rats. <i>Biomaterials</i> , 2019, 192, 510-522.	5.7	15
474	Neurotoxicity of air pollution: Role of neuroinflammation. <i>Advances in Neurotoxicology</i> , 2019, , 195-221.	0.7	1
475	Extracellular cardiolipin regulates select immune functions of microglia and microglia-like cells. <i>Brain Research Bulletin</i> , 2019, 146, 153-163.	1.4	31
476	Intravenous administration of human adipose-derived stem cells ameliorates motor and cognitive function for intracerebral hemorrhage mouse model. <i>Brain Research</i> , 2019, 1711, 58-67.	1.1	28
477	Developmental differences in microglia morphology and gene expression during normal brain development and in response to hypoxia-ischemia. <i>Neurochemistry International</i> , 2019, 127, 137-147.	1.9	30
478	Neuropathology in intrauterine growth restricted newborn piglets is associated with glial activation and proinflammatory status in the brain. <i>Journal of Neuroinflammation</i> , 2019, 16, 5.	3.1	42
479	Neuronal EphA4 Regulates OGD/R-Induced Apoptosis by Promoting Alternative Activation of Microglia. <i>Inflammation</i> , 2019, 42, 572-585.	1.7	17
480	Enforced microglial depletion and repopulation as a promising strategy for the treatment of neurological disorders. <i>Glia</i> , 2019, 67, 217-231.	2.5	79
481	Microglia Receptors in Animal Models of Traumatic Brain Injury. <i>Molecular Neurobiology</i> , 2019, 56, 5202-5228.	1.9	43
482	GINS complex subunit 2 (GINS2) plays a protective role in alcohol-induced brain injury. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1-9.	1.9	12
483	Lipid transporter Spns2 promotes microglia pro-inflammatory activation in response to amyloid β peptide. <i>Glia</i> , 2019, 67, 498-511.	2.5	35
484	Inflammation associated with volume reduction in the gray matter and hippocampus of older patients with bipolar disorder. <i>Journal of Affective Disorders</i> , 2019, 244, 60-66.	2.0	42
485	Absence of the neurogenesis-dependent nuclear receptor TLX induces inflammation in the hippocampus. <i>Journal of Neuroimmunology</i> , 2019, 331, 87-96.	1.1	15
486	Microglia are continuously activated in the circumventricular organs of mouse brain. <i>Journal of Neuroimmunology</i> , 2019, 331, 74-86.	1.1	36
487	Biochemical deficits and cognitive decline in brain aging: Intervention by dietary supplements. <i>Journal of Chemical Neuroanatomy</i> , 2019, 95, 70-80.	1.0	39
488	Prebiotics and probiotics as potential therapy for cognitive impairment. <i>Medical Hypotheses</i> , 2020, 134, 109410.	0.8	18

#	ARTICLE	IF	CITATIONS
489	The emerging role of galectins in (re)myelination and its potential for developing new approaches to treat multiple sclerosis. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1289-1317.	2.4	27
490	Transplantation of M2-Deviated Microglia Promotes Recovery of Motor Function after Spinal Cord Injury in Mice. <i>Molecular Therapy</i> , 2020, 28, 254-265.	3.7	102
491	Therapeutic effects of <i>hirsutiella sinensis</i> on the disease onset and progression of amyotrophic lateral sclerosis in SOD1 G93A transgenic mouse model. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 90-100.	1.9	7
492	Delineating Astrocytic Cytokine Responses in a Human Stem Cell Model of Neural Trauma. <i>Journal of Neurotrauma</i> , 2020, 37, 93-105.	1.7	16
493	The Cannabinoid WIN 55,212-2 Reduces Delayed Neurologic Sequelae After Carbon Monoxide Poisoning by Promoting Microglial M2 Polarization Through ST2 Signaling. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 422-432.	1.1	9
494	Deletion of Chitinase-3-like 1 accelerates stroke development through enhancement of Neuroinflammation by STAT6-dependent M2 microglial inactivation in Chitinase-3-like 1 knockout mice. <i>Experimental Neurology</i> , 2020, 323, 113082.	2.0	32
495	Central and peripheral immune responses to low-dose lipopolysaccharide in a mouse model of the 15q13.3 microdeletion. <i>Cytokine</i> , 2020, 126, 154879.	1.4	4
496	Valproic acid affects neuronal fate and microglial function via enhancing autophagic flux in mice after traumatic brain injury. <i>Journal of Neurochemistry</i> , 2020, 154, 284-300.	2.1	11
497	Hydroxytyrosol Decreases LPS- and β -Synuclein-Induced Microglial Activation In Vitro. <i>Antioxidants</i> , 2020, 9, 36.	2.2	28
498	The role of microglia in neuroprogressive disorders: mechanisms and possible neurotherapeutic effects of induced ketosis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 99, 109858.	2.5	26
499	Immune changes in peripheral blood and hematoma of patients with intracerebral hemorrhage. <i>FASEB Journal</i> , 2020, 34, 2774-2791.	0.2	43
500	TSPO Modulates IL-4-Induced Microglia/Macrophage M2 Polarization via PPAR- β Pathway. <i>Journal of Molecular Neuroscience</i> , 2020, 70, 542-549.	1.1	66
501	Inverse Relationship Between Alzheimer's Disease and Cancer: How Immune Checkpoints Might Explain the Mechanisms Underlying Age-Related Diseases. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 443-454.	1.2	14
502	Multiple sclerosis, the microbiome, TLR2, and the hygiene hypothesis. <i>Autoimmunity Reviews</i> , 2020, 19, 102430.	2.5	38
503	<i>Picrorhiza kurroa</i> Prevents Memory Deficits by Inhibiting NLRP3 Inflammasome Activation and BACE1 Expression in 5xFAD Mice. <i>Neurotherapeutics</i> , 2020, 17, 189-199.	2.1	30
504	Dimethyl Fumarate Reduces Microglia Functional Response to Tissue Damage and Favors Brain Iron Homeostasis. <i>Neuroscience</i> , 2020, 439, 241-254.	1.1	15
505	Transmigration of Tetraspanin 2 (Tspan2) siRNA Via Microglia Derived Exosomes across the Blood Brain Barrier Modifies the Production of Immune Mediators by Microglia Cells. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 554-563.	2.1	33
506	Acute and Persistent Alterations of Cerebellar Inflammatory Networks and Glial Activation in a Rat Model of Pediatric Mild Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 1315-1330.	1.7	11

#	ARTICLE	IF	CITATIONS
507	Inhibition of REV α ERBs stimulates microglial amyloid β clearance and reduces amyloid plaque deposition in the 5XFAD mouse model of Alzheimer α ™s disease. <i>Aging Cell</i> , 2020, 19, e13078.	3.0	81
508	Necroptosis in the Pathophysiology of Disease. <i>American Journal of Pathology</i> , 2020, 190, 272-285.	1.9	174
509	Pharmacological hypothermia induced neurovascular protection after severe stroke of transient middle cerebral artery occlusion in mice. <i>Experimental Neurology</i> , 2020, 325, 113133.	2.0	18
510	Early Axonal Injury and Delayed Cytotoxic Cerebral Edema are Associated with Microglial Activation in a Mouse Model of Sepsis. <i>Shock</i> , 2020, 54, 256-264.	1.0	9
511	Biotechnology and Biomaterial-Based Therapeutic Strategies for Age-Related Macular Degeneration. Part I: Biomaterials-Based Drug Delivery Devices. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 549089.	2.0	7
512	Brain Structural and Functional Alterations in Mice Prenatally Exposed to LPS Are Only Partially Rescued by Anti-Inflammatory Treatment. <i>Brain Sciences</i> , 2020, 10, 620.	1.1	8
513	Restoration of PP2A levels in inflamed microglial cells: Important for neuroprotective M2 microglial viability. <i>Toxicology and Applied Pharmacology</i> , 2020, 409, 115294.	1.3	4
514	Bioaccessible Raspberry Extracts Enriched in Ellagitannins and Ellagic Acid Derivatives Have Anti-Neuroinflammatory Properties. <i>Antioxidants</i> , 2020, 9, 970.	2.2	15
515	Ice coating α ™A new method of brain device insertion to mitigate acute injuries. <i>Journal of Neuroscience Methods</i> , 2020, 343, 108842.	1.3	5
516	When glia meet induced pluripotent stem cells (iPSCs). <i>Molecular and Cellular Neurosciences</i> , 2020, 109, 103565.	1.0	15
517	The immune system on the TRAIL of Alzheimer α ™s disease. <i>Journal of Neuroinflammation</i> , 2020, 17, 298.	3.1	42
518	Microglia in the human infant brain and factors that affect expression. <i>Brain, Behavior, & Immunity - Health</i> , 2020, 7, 100117.	1.3	7
519	Non-neuronal crosstalk promotes an inflammatory response in nodose ganglia cultures after exposure to byproducts from gram positive, high-fat-diet-associated gut bacteria. <i>Physiology and Behavior</i> , 2020, 226, 113124.	1.0	5
520	Sex Differences of Microglia and Synapses in the Hippocampal Dentate Gyrus of Adult Mouse Offspring Exposed to Maternal Immune Activation. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 558181.	1.8	27
521	Paracrine signaling of human mesenchymal stem cell modulates retinal microglia population number and phenotype in vitro. <i>Experimental Eye Research</i> , 2020, 200, 108212.	1.2	7
522	Glutamate-induced excitotoxicity in Parkinson's disease: The role of glial cells. <i>Journal of Pharmacological Sciences</i> , 2020, 144, 151-164.	1.1	163
523	Mesenchymal stem cells modulate misfolded α ™-synuclein in parkinsonian disorders: A multitarget disease-modifying strategy. <i>Stem Cell Research</i> , 2020, 47, 101908.	0.3	10
524	High-resolution and differential analysis of rat microglial markers in traumatic brain injury: conventional flow cytometric and bioinformatics analysis. <i>Scientific Reports</i> , 2020, 10, 11991.	1.6	19

#	ARTICLE	IF	CITATIONS
525	In situ vaccination at a peripheral tumor site augments response against melanoma brain metastases. , 2020, 8, e000809.		6
526	Inhibitory potency of 4- substituted sampangine derivatives toward Cu ²⁺ mediated aggregation of amyloid I ² -peptide, oxidative stress, and inflammation in Alzheimer's disease. <i>Neurochemistry International</i> , 2020, 139, 104794.	1.9	7
527	Capturing Amyloid-I ² Oligomers by Stirring with Microscaled Iron Oxide Stir Bars into Magnetic Plaques to Reduce Cytotoxicity toward Neuronal Cells. <i>Nanomaterials</i> , 2020, 10, 1284.	1.9	0
528	Microglia-mediated neuroinflammation and Mediterranean diet. , 2020, , 347-356.		1
529	Microglia: A Central Player in Depression. <i>Current Medical Science</i> , 2020, 40, 391-400.	0.7	71
530	Oxidative Stress and Neuroinflammation Potentiate Each Other to Promote Progression of Dopamine Neurodegeneration. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	59
531	Therapeutic Effects of Human Mesenchymal Stem Cells in a Mouse Model of Cerebellar Ataxia with Neuroinflammation. <i>Journal of Clinical Medicine</i> , 2020, 9, 3654.	1.0	5
532	Microglia and Inflammatory Responses in Diabetic Retinopathy. <i>Frontiers in Immunology</i> , 2020, 11, 564077.	2.2	129
533	GABA-mediated activated microglia induce neuroinflammation in the hippocampus of mice following cold exposure through the NLRP3 inflammasome and NF- κ B signaling pathways. <i>International Immunopharmacology</i> , 2020, 89, 106908.	1.7	19
534	Neuroinflammation and protein pathology in Parkinson's disease dementia. <i>Acta Neuropathologica Communications</i> , 2020, 8, 211.	2.4	86
535	Meningitis Caused by <i>Streptococcus agalactiae</i> in Nile Tilapia (<i>Oreochromis niloticus</i>): Infection and Inflammatory Response. <i>Animals</i> , 2020, 10, 2166.	1.0	7
536	CCL2 is associated with microglia and macrophage recruitment in chronic traumatic encephalopathy. <i>Journal of Neuroinflammation</i> , 2020, 17, 370.	3.1	40
537	Guanabenz modulates microglia and macrophages during demyelination. <i>Scientific Reports</i> , 2020, 10, 19333.	1.6	14
538	Microglia mediated neuroinflammation in autism spectrum disorder. <i>Journal of Psychiatric Research</i> , 2020, 130, 167-176.	1.5	34
539	Long non-coding RNA uc.80 overexpression promotes M2 polarization of microglia to ameliorate depression in rats. <i>IUBMB Life</i> , 2020, 72, 2194-2203.	1.5	13
540	Neuropilins, as Relevant Oncology Target: Their Role in the Tumoral Microenvironment. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 662.	1.8	27
541	Intracerebral transplantation of HLA-homozygous human iPSC-derived neural precursors ameliorates the behavioural and pathological deficits in a rodent model of ischaemic stroke. <i>Cell Proliferation</i> , 2020, 53, e12884.	2.4	8
542	Silence of Hippo Pathway Associates with Pro-Tumoral Immunosuppression: Potential Therapeutic Target of Glioblastomas. <i>Cells</i> , 2020, 9, 1761.	1.8	7

#	ARTICLE	IF	CITATIONS
543	Repetitive Head Trauma Induces Chronic Traumatic Encephalopathy by Multiple Mechanisms. <i>Seminars in Neurology</i> , 2020, 40, 430-438.	0.5	10
544	The Treatment of Cognitive, Behavioural and Motor Impairments from Brain Injury and Neurodegenerative Diseases through Cannabinoid System Modulation—Evidence from In Vivo Studies. <i>Journal of Clinical Medicine</i> , 2020, 9, 2395.	1.0	53
545	Amburana cearensis: Pharmacological and Neuroprotective Effects of Its Compounds. <i>Molecules</i> , 2020, 25, 3394.	1.7	21
546	Catastrophic consequences: can the feline parasite <i>Toxoplasma gondii</i> prompt the purrfect neuroinflammatory storm following traumatic brain injury?. <i>Journal of Neuroinflammation</i> , 2020, 17, 222.	3.1	4
547	Panaxatriol Saponins Promote M2 Polarization of BV2 Cells to Reduce Inflammation and Apoptosis after Glucose/Oxygen Deprivation by Activating STAT3. <i>Inflammation</i> , 2020, 43, 2109-2118.	1.7	10
548	The Effects of Divalent Cation-Chelated Prion Fibrils on the Immune Response of EOC 13.31 Microglia Cells. <i>Cells</i> , 2020, 9, 2285.	1.8	5
549	Microglia in Prion Diseases: Angels or Demons?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7765.	1.8	11
550	In Vivo TSPO Signal and Neuroinflammation in Alzheimer's Disease. <i>Cells</i> , 2020, 9, 1941.	1.8	51
551	Light Emitting Diode Therapy Protects against Myocardial Ischemia/Reperfusion Injury through Mitigating Neuroinflammation. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-8.	1.9	8
552	When It Comes to an End: Oxidative Stress Crosstalk with Protein Aggregation and Neuroinflammation Induce Neurodegeneration. <i>Antioxidants</i> , 2020, 9, 740.	2.2	52
553	Folate and macrophage folate receptor-1 ² in idiopathic pulmonary fibrosis disease: the potential therapeutic target?. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110711.	2.5	16
554	Functional consequences of a close encounter between microglia and brain-infiltrating monocytes during CNS pathology and repair. <i>Journal of Leukocyte Biology</i> , 2021, 110, 89-106.	1.5	6
555	Phenotype change of polarized microglia after intracerebral hemorrhage: Advances in research. <i>Brain Hemorrhages</i> , 2020, 1, 161-165.	0.4	1
556	The role of glia in Parkinson's disease: Emerging concepts and therapeutic applications. <i>Progress in Brain Research</i> , 2020, 252, 131-168.	0.9	21
557	Longitudinal alteration of cortical thickness and volume in high-impact sports. <i>NeuroImage</i> , 2020, 217, 116864.	2.1	17
558	Anti-mouse CX3CR1 Antibody Alleviates Cognitive Impairment, Neuronal Loss and Myelin Deficits in an Animal Model of Brain Ischemia. <i>Neuroscience</i> , 2020, 438, 169-181.	1.1	17
559	Inverse Agonism of Cannabinoid Receptor Type 2 Confers Anti-inflammatory and Neuroprotective Effects Following Status Epileptics. <i>Molecular Neurobiology</i> , 2020, 57, 2830-2845.	1.9	26
560	Astrocytes: Initiators of and Responders to Inflammation. , 2020, , .		6

#	ARTICLE	IF	CITATIONS
561	TNF- α Pretreatment Improves the Survival and Function of Transplanted Human Neural Progenitor Cells Following Hypoxic-Ischemic Brain Injury. <i>Cells</i> , 2020, 9, 1195.	1.8	11
562	TLR-2 neutralization potentiates microglial M1 to M2 switching by the combinatorial treatment of ciprofloxacin and dexamethasone during <i>S. aureus</i> infection. <i>Journal of Neuroimmunology</i> , 2020, 344, 577262.	1.1	5
563	The role of microglia in the development of neurodegeneration. <i>Neurological Sciences</i> , 2020, 41, 3609-3615.	0.9	36
564	Putative mGluR4 positive allosteric modulators activate Gi-independent anti-inflammatory mechanisms in microglia. <i>Neurochemistry International</i> , 2020, 138, 104770.	1.9	2
565	Myocardial Infarction Predisposes Neurodegenerative Diseases. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 579-587.	1.2	8
566	Immunosuppressive Functions of M2 Macrophages Derived from iPSCs of Patients with ALS and Healthy Controls. <i>IScience</i> , 2020, 23, 101192.	1.9	27
567	In vivo imaging of dopamine D1 receptor and activated microglia in attention-deficit/hyperactivity disorder: a positron emission tomography study. <i>Molecular Psychiatry</i> , 2021, 26, 4958-4967.	4.1	25
568	Hippocampal overexpression of TREM2 ameliorates high fat diet induced cognitive impairment and modulates phenotypic polarization of the microglia. <i>Genes and Diseases</i> , 2022, 9, 401-414.	1.5	26
570	ARS2/MAGL signaling in glioblastoma stem cells promotes self-renewal and M2-like polarization of tumor-associated macrophages. <i>Nature Communications</i> , 2020, 11, 2978.	5.8	78
571	Emulsified silicone oil is taken up by and induces pro-inflammatory response in primary retinal microglia. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 1965-1974.	1.0	8
572	Neuroinflammatory mechanisms of post-traumatic epilepsy. <i>Journal of Neuroinflammation</i> , 2020, 17, 193.	3.1	47
573	Radiation Triggers a Dynamic Sequence of Transient Microglial Alterations in Juvenile Brain. <i>Cell Reports</i> , 2020, 31, 107699.	2.9	23
574	Translation Imaging in Parkinson's Disease: Focus on Neuroinflammation. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 152.	1.7	28
575	Down-regulation of DJ-1 Augments Neuroinflammation via Nrf2/Trx1/NLRP3 Axis in MPTP-induced Parkinson's Disease Mouse Model. <i>Neuroscience</i> , 2020, 442, 253-263.	1.1	22
576	Glial smog: Interplay between air pollution and astrocyte-microglia interactions. <i>Neurochemistry International</i> , 2020, 136, 104715.	1.9	24
577	Neuroinflammation in Bipolar Depression. <i>Frontiers in Psychiatry</i> , 2020, 11, 71.	1.3	161
578	Cooling and immunomodulation for treating hypoxic-ischemic brain injury. <i>Pediatrics International</i> , 2020, 62, 770-778.	0.2	13
579	Potential treatment of Parkinson's disease with omega-3 polyunsaturated fatty acids. <i>Nutritional Neuroscience</i> , 2020, , 1-12.	1.5	21

#	ARTICLE	IF	CITATIONS
580	The enhancement of Arg1 and activated ER β expression in microglia HMC3 by induction of 96% ethanol extract of <i>Marsilea crenata</i> Presl. leaves. Journal of Basic and Clinical Physiology and Pharmacology, 2019, 30, .	0.7	4
581	Semisynthetic quercetin-quinone mitigates BV-2 microglia activation through modulation of Nrf2 pathway. Free Radical Biology and Medicine, 2020, 152, 18-32.	1.3	22
582	Metabolic Reprogramming of Microglia in the Regulation of the Innate Inflammatory Response. Frontiers in Immunology, 2020, 11, 493.	2.2	152
583	Role of dietary fatty acids in microglial polarization in Alzheimer's disease. Journal of Neuroinflammation, 2020, 17, 93.	3.1	57
584	Environmental Signals on Microglial Function during Brain Development, Neuroplasticity, and Disease. International Journal of Molecular Sciences, 2020, 21, 2111.	1.8	26
585	Post-Ischaemic Immunological Response in the Brain: Targeting Microglia in Ischaemic Stroke Therapy. Brain Sciences, 2020, 10, 159.	1.1	48
586	Endocannabinoid Modulation of Microglial Phenotypes in Neuropathology. Frontiers in Neurology, 2020, 11, 87.	1.1	86
587	Robust neuroinflammation and perivascular pathology in rTg-DI rats, a novel model of microvascular cerebral amyloid angiopathy. Journal of Neuroinflammation, 2020, 17, 78.	3.1	19
588	Progressive long-term spatial memory loss following repeat concussive and subconcussive brain injury in mice, associated with dorsal hippocampal neuron loss, microglial phenotype shift, and vascular abnormalities. European Journal of Neuroscience, 2021, 54, 5844-5879.	1.2	12
589	Research progress of mechanisms for tight junction damage on blood-brain barrier inflammation. Archives of Physiology and Biochemistry, 2022, 128, 1579-1590.	1.0	19
590	Mitochondrial Transplantation Attenuates Brain Dysfunction in Sepsis by Driving Microglial M2 Polarization. Molecular Neurobiology, 2020, 57, 3875-3890.	1.9	36
591	Bone marrow-derived mesenchymal stem cells improve cognitive impairment in an Alzheimer's disease model by increasing the expression of microRNA-146a in hippocampus. Scientific Reports, 2020, 10, 10772.	1.6	120
592	Comparative Anatomy of Glial Cells in Mammals. , 2020, , 397-439.		3
593	A novel polysaccharide from <i>Acorus tatarinowii</i> protects against LPS-induced neuroinflammation and neurotoxicity by inhibiting TLR4-mediated MyD88/NF- κ B and PI3K/Akt signaling pathways. International Journal of Biological Macromolecules, 2020, 163, 464-475.	3.6	39
594	Increased oxidative stress, hyperphosphorylation of tau, and dystrophic microglia in the hippocampus of aged <i>Tupaia belangeri</i> . Glia, 2020, 68, 1775-1793.	2.5	23
595	Oral treatment with glycyrrhizin inhibits NLRP3 inflammasome activation and promotes microglial M2 polarization after traumatic spinal cord injury. Brain Research Bulletin, 2020, 158, 1-8.	1.4	26
596	Glial Cells: Role of the Immune Response in Ischemic Stroke. Frontiers in Immunology, 2020, 11, 294.	2.2	301
597	Modulation of Post-Traumatic Immune Response Using the IL-1 Receptor Antagonist Anakinra for Improved Visual Outcomes. Journal of Neurotrauma, 2020, 37, 1463-1480.	1.7	21

#	ARTICLE	IF	CITATIONS
598	Antineuroinflammation activity of n-butanol fraction of <i>Marsilea crenata</i> Presl. in microglia HMC3 cell line. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2020, 30, .	0.7	1
599	Clemastine improves hypomyelination in rats with hypoxicâ€“ischemic brain injury by reducing microglia-derived IL-1 β via P38 signaling pathway. <i>Journal of Neuroinflammation</i> , 2020, 17, 57.	3.1	29
600	Abrogation of type-I interferon signalling alters the microglial response to A β 1-42. <i>Scientific Reports</i> , 2020, 10, 3153.	1.6	21
601	Recommendations for Clinical Trials in ICH. <i>Stroke</i> , 2020, 51, 1333-1338.	1.0	42
602	Compound AD110 Acts as Therapeutic Management for Alzheimerâ€™s Disease and Stroke in Mouse and Rat Models. <i>ACS Chemical Neuroscience</i> , 2020, 11, 929-938.	1.7	14
603	Metabolic Regulation of Glial Phenotypes: Implications in Neuronâ€“Glia Interactions and Neurological Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 20.	1.8	57
604	Safflower Yellow Improves Synaptic Plasticity in APP/PS1 Mice by Regulating Microglia Activation Phenotypes and BDNF/TrkB/ERK Signaling Pathway. <i>NeuroMolecular Medicine</i> , 2020, 22, 341-358.	1.8	23
605	Arginase 2 Deficiency Promotes Neuroinflammation and Pain Behaviors Following Nerve Injury in Mice. <i>Journal of Clinical Medicine</i> , 2020, 9, 305.	1.0	9
606	Lifestyle Modifications and Nutritional Interventions in Aging-Associated Cognitive Decline and Alzheimerâ€™s Disease. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 369.	1.7	77
607	Microglial polarization in posttraumatic epilepsy: Potential mechanism and treatment opportunity. <i>Epilepsia</i> , 2020, 61, 203-215.	2.6	29
608	The Inhibition of Inflammatory Signaling Pathway by Secretory Leukocyte Protease Inhibitor can Improve Spinal Cord Injury. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 1067-1073.	1.7	21
609	ER stress activates immunosuppressive network: implications for aging and Alzheimerâ€™s disease. <i>Journal of Molecular Medicine</i> , 2020, 98, 633-650.	1.7	60
610	Neuroprotective modulation of microglia effector functions following priming with interleukin 4 and 13: current limitations in understanding their mode-of-action. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 856-866.	2.0	30
611	Investigation on the mechanism of mafenide in inhibiting pyroptosis and the release of inflammatory factors. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 147, 105303.	1.9	11
612	IL-4 Switches Microglia/macrophage M1/M2 Polarization and Alleviates Neurological Damage by Modulating the JAK1/STAT6 Pathway Following ICH. <i>Neuroscience</i> , 2020, 437, 161-171.	1.1	101
613	Stress-induced blood brain barrier disruption: Molecular mechanisms and signaling pathways. <i>Pharmacological Research</i> , 2020, 157, 104769.	3.1	60
614	Discovery of novel L-type voltage-gated calcium channel blockers and application for the prevention of inflammation and angiogenesis. <i>Journal of Neuroinflammation</i> , 2020, 17, 132.	3.1	25
615	Cytokine changes in different types of depression: Specific or general?. <i>Neurology Psychiatry and Brain Research</i> , 2020, 36, 39-51.	2.0	6

#	ARTICLE	IF	CITATIONS
616	The therapeutic potential of galectin-1 and galectin-3 in the treatment of neurodegenerative diseases. <i>Expert Review of Neurotherapeutics</i> , 2020, 20, 439-448.	1.4	16
617	A selective p38 α / β MAPK inhibitor alleviates neuropathology and cognitive impairment, and modulates microglia function in 5XFAD mouse. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 45.	3.0	50
618	Oxidative Stress Targeting Amyloid Beta Accumulation and Clearance in Alzheimer's Disease: Insight into Pathological Mechanisms and Therapeutic Strategies. <i>Current Psychopharmacology</i> , 2020, 9, 22-42.	0.1	3
619	Synthetic Ruthenium Complex TQ-6 Potently Recovers Cerebral Ischemic Stroke: Attenuation of Microglia and Platelet Activation. <i>Journal of Clinical Medicine</i> , 2020, 9, 996.	1.0	7
620	Changes in arginase isoforms in a murine model of neonatal brain hypoxia-ischemia. <i>Pediatric Research</i> , 2021, 89, 830-837.	1.1	4
621	Microglia in Alzheimer's Disease: The Role of Stem Cell-Microglia Interaction in Brain Homeostasis. <i>Neurochemical Research</i> , 2021, 46, 141-148.	1.6	23
622	Neurotoxicity of metal-containing nanoparticles and implications in glial cells. <i>Journal of Applied Toxicology</i> , 2021, 41, 65-81.	1.4	41
623	Hydrogen Sulfide Reverses LPS-Induced Behavioral Deficits by Suppressing Microglial Activation and Promoting M2 Polarization. <i>Journal of Neuroimmune Pharmacology</i> , 2021, 16, 483-499.	2.1	29
624	The Potent PDE10A Inhibitor MP-10 (PF-2545920) Suppresses Microglial Activation in LPS-Induced Neuroinflammation and MPTP-Induced Parkinson's Disease Mouse Models. <i>Journal of Neuroimmune Pharmacology</i> , 2021, 16, 470-482.	2.1	10
625	Abnormal brain structure and behavior in MyD88-deficient mice. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 181-193.	2.0	14
626	Identification and functional characterization of natural resistance-associated macrophage protein 2 from sea cucumber <i>Apostichopus japonicus</i> . <i>Developmental and Comparative Immunology</i> , 2021, 114, 103835.	1.0	2
627	Mitigation of Microglia-mediated Acute Neuroinflammation and Tissue Damage by Heme Oxygenase 1 in a Rat Spinal Cord Injury Model. <i>Neuroscience</i> , 2021, 457, 27-40.	1.1	5
628	Withaferin-A Treatment Alleviates TAR DNA-Binding Protein-43 Pathology and Improves Cognitive Function in a Mouse Model of FTL. <i>Neurotherapeutics</i> , 2021, 18, 286-296.	2.1	17
629	Adult and endemic neurogenesis in the vestibular nuclei after unilateral vestibular neurectomy. <i>Progress in Neurobiology</i> , 2021, 196, 101899.	2.8	18
630	Microglia Phenotypes Following the Induction of Alcohol Dependence in Adolescent Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 105-116.	1.4	23
631	Neural Perturbations Associated With Recurrent Binge Alcohol in Male and Female Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 365-374.	1.4	9
632	Neuroprotective Effect of Fractalkine on Radiation-induced Brain Injury Through Promoting the M2 Polarization of Microglia. <i>Molecular Neurobiology</i> , 2021, 58, 1074-1087.	1.9	19
633	Tenacissoside H promotes neurological recovery of cerebral ischaemia/reperfusion injury in mice by modulating inflammation and oxidative stress via TrkB pathway. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 757-769.	0.9	14

#	ARTICLE	IF	CITATIONS
634	Murine induced pluripotent stem cellâ€derived neuroimmune cell culture models emphasize opposite immuneâ€effector functions of interleukin 13â€primed microglia and macrophages in terms of neuroimmune toxicity. <i>Glia</i> , 2021, 69, 326-345.	2.5	4
635	Chronic fatigue syndrome and fibromyalgia-like symptoms are an integral component of the phenotype of schizophrenia: neuro-immune and opioid system correlates. <i>Metabolic Brain Disease</i> , 2021, 36, 169-183.	1.4	17
636	A novel long intergenic non-coding RNA, Nostrill, regulates iNOS gene transcription and neurotoxicity in microglia. <i>Journal of Neuroinflammation</i> , 2021, 18, 16.	3.1	18
637	Role of miRNAs shuttled by mesenchymal stem cell-derived small extracellular vesicles in modulating neuroinflammation. <i>Scientific Reports</i> , 2021, 11, 1740.	1.6	69
638	Microglia-associated neuroinflammation is a potential therapeutic target for ischemic stroke. <i>Neural Regeneration Research</i> , 2021, 16, 6.	1.6	67
639	Microglial Polarization: Novel Therapeutic Strategy against Ischemic Stroke. , 2021, 12, 466.		72
640	Microglial Cell Dysregulation in the Aged Brain and Neurodegeneration. , 2021, , 1-13.		0
641	The potential for immune checkpoint modulators in cerebrovascular injury and inflammation. <i>Expert Opinion on Therapeutic Targets</i> , 2021, 25, 101-113.	1.5	13
642	Dendrimerâ€tesaglitazar conjugate induces a phenotype shift of microglia and enhances Î²-amyloid phagocytosis. <i>Nanoscale</i> , 2021, 13, 939-952.	2.8	20
643	Modulation of microglial activation states by spinal cord stimulation in an animal model of neuropathic pain: Comparing high rate, low rate, and differential target multiplexed programming. <i>Molecular Pain</i> , 2021, 17, 174480692199901.	1.0	24
644	Resveratrol and brain mitochondria. , 2021, , 645-687.		0
645	Membrane Microvesicles as Potential Vaccine Candidates. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1142.	1.8	11
646	Glia-Neuron Communication: Not a One-Way Street. <i>Masterclass in Neuroendocrinology</i> , 2021, , 155-180.	0.1	0
647	<i>Moringa oleifera</i> modulates cholinergic and purinergic enzymes activity in BV-2 microglial cells. <i>Metabolic Brain Disease</i> , 2021, 36, 627-638.	1.4	4
648	The Role of Microglia in Glioblastoma. <i>Frontiers in Oncology</i> , 2020, 10, 603495.	1.3	37
649	Phenotypic characterization of frontal cortex microglia in a rat model of postâ€traumatic stress disorder. <i>Brain and Behavior</i> , 2021, 11, e02011.	1.0	9
650	Mechanism underlying treatment of ischemic stroke using acupuncture: transmission and regulation. <i>Neural Regeneration Research</i> , 2021, 16, 944.	1.6	37
651	Vortioxetine as a new frontier in the treatment of chronic neuropathic pain: a review and update. <i>Therapeutic Advances in Psychopharmacology</i> , 2021, 11, 204512532110343.	1.2	10

#	ARTICLE	IF	CITATIONS
652	Retinal Ganglion Cell Loss and Microglial Activation in a SOD1G93A Mouse Model of Amyotrophic Lateral Sclerosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1663.	1.8	8
653	NQO1 mediates the anti-inflammatory effects of nootkatone in lipopolysaccharide-induced neuroinflammation by modulating the AMPK signaling pathway. <i>Free Radical Biology and Medicine</i> , 2021, 164, 354-368.	1.3	30
654	High-Intensity Exercise Training Protects the Brain Against Autoimmune Neuroinflammation: Regulation of Microglial Redox and Pro-inflammatory Functions. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 640724.	1.8	22
656	Targeting Microglia-Synapse Interactions in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2342.	1.8	36
657	Exploring Potential of Alkaloidal Phytochemicals Targeting Neuroinflammatory Signaling of Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2021, 27, 357-366.	0.9	11
658	Gaucher disease: Basic and translational science needs for more complete therapy and management. <i>Molecular Genetics and Metabolism</i> , 2021, 132, 59-75.	0.5	28
659	Oxidative Stress and the Role of NADPH Oxidase in Glaucoma. <i>Antioxidants</i> , 2021, 10, 238.	2.2	24
660	Wielding the Double-Edged Sword of Inflammation: Building Biomaterial-Based Strategies for Immunomodulation in Ischemic Stroke Treatment. <i>Advanced Functional Materials</i> , 2021, 31, 2010674.	7.8	10
661	An arylthiazine derivative is a potent inhibitor of lipid peroxidation and ferroptosis providing neuroprotection in vitro and in vivo. <i>Scientific Reports</i> , 2021, 11, 3518.	1.6	20
664	Immunomodulatory Role of Urolithin A on Metabolic Diseases. <i>Biomedicines</i> , 2021, 9, 192.	1.4	39
665	Nanomaterial-based Optical and Electrochemical Biosensors for Amyloid beta and Tau: Potential for early diagnosis of Alzheimer's Disease. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 175-193.	1.5	18
666	Dynamical Simulation of Effective Stem Cell Transplantation for Modulation of Microglia Responses in Stroke Treatment. <i>Symmetry</i> , 2021, 13, 404.	1.1	3
667	Fish Hydrolysate Supplementation Containing n-3 Long Chain Polyunsaturated Fatty Acids and Peptides Prevents LPS-Induced Neuroinflammation. <i>Nutrients</i> , 2021, 13, 824.	1.7	14
668	Association of Genetic Polymorphisms in Oxidative Stress and Inflammation Pathways with Glaucoma Risk and Phenotype. <i>Journal of Clinical Medicine</i> , 2021, 10, 1148.	1.0	11
669	Microglia Diversity in Healthy and Diseased Brain: Insights from Single-Cell Omics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3027.	1.8	33
670	Calmodulin and Its Binding Proteins in Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3016.	1.8	15
671	The P2X7 Receptor in Microglial Cells Modulates the Endolysosomal Axis, Autophagy, and Phagocytosis. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 645244.	1.8	38
672	Isorhamnetin promotes functional recovery in rats with spinal cord injury by abating oxidative stress and modulating M2 macrophages/microglia polarization. <i>European Journal of Pharmacology</i> , 2021, 895, 173878.	1.7	22

#	ARTICLE	IF	CITATIONS
673	Modulating neuroinflammation in neurodegeneration-related dementia: can microglial toll-like receptors pull the plug?. <i>Metabolic Brain Disease</i> , 2021, 36, 829-847.	1.4	7
674	Evaluation of the Effectiveness of a Chronic Ocular Hypertension Mouse Model Induced by Intracameral Injection of Cross-Linking Hydrogel. <i>Frontiers in Medicine</i> , 2021, 8, 643402.	1.2	4
675	Interplay Between Microglia and Alzheimer's Disease—Focus on the Most Relevant Risks: APOE Genotype, Sex and Age. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 631827.	1.7	23
676	Non-neuronal cells in amyotrophic lateral sclerosis — from pathogenesis to biomarkers. <i>Nature Reviews Neurology</i> , 2021, 17, 333-348.	4.9	78
677	Microglial Activation Is Associated With Vasoprotection in a Rat Model of Inflammatory Retinal Vasoregression. <i>Frontiers in Physiology</i> , 2021, 12, 660164.	1.3	4
678	Agathisflavone Modifies Microglial Activation State and Myelination in Organotypic Cerebellar Slices Culture. <i>Journal of NeuroImmune Pharmacology</i> , 2022, 17, 206-217.	2.1	3
679	Immunomodulatory Effect of Microglia-Released Cytokines in Gliomas. <i>Brain Sciences</i> , 2021, 11, 466.	1.1	23
680	Immunosuppression and Neuroinflammation in Stroke Pathobiology. <i>Experimental Neurobiology</i> , 2021, 30, 101-112.	0.7	11
681	Sustainable Drug Discovery of Multi-Target-Directed Ligands for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4972-4990.	2.9	63
682	HIV Neuroinflammation: The Role of Exosomes in Cell Signaling, Prognostic and Diagnostic Biomarkers and Drug Delivery. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 637192.	1.8	13
683	Effects of Haloperidol, Risperidone, and Aripiprazole on the Immunometabolic Properties of BV-2 Microglial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4399.	1.8	19
684	Dual Roles of Microglia in the Basal Ganglia in Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3907.	1.8	6
685	Senescent Microglia: The Key to the Ageing Brain?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4402.	1.8	30
686	The Potential Neuroprotective Role of Free and Encapsulated Quercetin Mediated by miRNA against Neurological Diseases. <i>Nutrients</i> , 2021, 13, 1318.	1.7	38
687	Low-Dose Radiation Potentiates the Propagation of Anti-Tumor Immunity against Melanoma Tumor in the Brain after In Situ Vaccination at a Tumor outside the Brain. <i>Radiation Research</i> , 2021, 195, 522-540.	0.7	6
688	Validation of Induced Microglia-Like Cells (iMG Cells) for Future Studies of Brain Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 629279.	1.8	26
689	Cromolyn inhibits the secretion of inflammatory cytokines by human microglia (HMC3). <i>Scientific Reports</i> , 2021, 11, 8054.	1.6	23
690	Three chemotypes of thyme (<i>Thymus vulgaris</i> L.) essential oil and their main compounds affect differently the IL-6 and TNF α cytokine secretions of BV-2 microglia by modulating the NF- κ B and C/EBP β signalling pathways. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 148.	1.2	17

#	ARTICLE	IF	CITATIONS
691	Neuroinflammation: An Integrating Overview of Reactive-Neuroimmune Cell Interactions in Health and Disease. <i>Mediators of Inflammation</i> , 2021, 2021, 1-20.	1.4	36
692	Adalimumab ameliorates memory impairments and neuroinflammation in chronic cerebral hypoperfusion rats. <i>Aging</i> , 2021, 13, 14001-14014.	1.4	20
693	Granulocyte-macrophage colony-stimulating factor mRNA and Neuroprotective Immunity in Parkinson's disease. <i>Biomaterials</i> , 2021, 272, 120786.	5.7	26
694	Epigenetic Regulation of Neuroinflammation in Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4956.	1.8	40
695	Maternal Nicotine Exposure Alters Hippocampal Microglia Polarization and Promotes Anti-inflammatory Signaling in Juvenile Offspring in Mice. <i>Frontiers in Pharmacology</i> , 2021, 12, 661304.	1.6	13
696	Depletion of SENP1-mediated PPAR γ SUMOylation exaggerates intermittent hypoxia-induced cognitive decline by aggravating microglia-mediated neuroinflammation. <i>Aging</i> , 2021, 13, 15240-15254.	1.4	8
697	Modeling Microglia Activation and Inflammation-Based Neuroprotectant Strategies During Ischemic Stroke. <i>Bulletin of Mathematical Biology</i> , 2021, 83, 72.	0.9	3
698	Parkinson's disease: Alterations in iron and redox biology as a key to unlock therapeutic strategies. <i>Redox Biology</i> , 2021, 41, 101896.	3.9	75
699	Neuroinflammation in Sepsis: Molecular Pathways of Microglia Activation. <i>Pharmaceuticals</i> , 2021, 14, 416.	1.7	37
700	Post-stroke Delivery of Valproic Acid Promotes Functional Recovery and Differentially Modifies Responses of Peri-Infarct Microglia. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 639145.	1.4	6
701	Human-Induced Neural and Mesenchymal Stem Cell Therapy Combined with a Curcumin Nanoconjugate as a Spinal Cord Injury Treatment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5966.	1.8	22
702	The emerging role of FTY720 as a sphingosine 1-phosphate analog for the treatment of ischemic stroke: The cellular and molecular mechanisms. <i>Brain and Behavior</i> , 2021, 11, e02179.	1.0	11
703	Programmed death protein 1 is essential for maintaining the anti-inflammatory function of infiltrating regulatory T cells in a murine spinal cord injury model. <i>Journal of Neuroimmunology</i> , 2021, 354, 577546.	1.1	9
704	An overview of microglia ontogeny and maturation in the homeostatic and pathological brain. <i>European Journal of Neuroscience</i> , 2021, 53, 3525-3547.	1.2	16
705	Neuroimmune reactivity marker expression in rodent models of chemotherapy-induced cognitive impairment: A systematic scoping review. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 392-409.	2.0	16
706	Pyroptosis in stroke-new insights into disease mechanisms and therapeutic strategies. <i>Journal of Physiology and Biochemistry</i> , 2021, 77, 511-529.	1.3	34
707	Transplantation of 3D MSC/HUVEC spheroids with neuroprotective and proangiogenic potentials ameliorates ischemic stroke brain injury. <i>Biomaterials</i> , 2021, 272, 120765.	5.7	28
708	FGF, Mechanism of Action, Role in Parkinson's Disease, and Therapeutics. <i>Frontiers in Pharmacology</i> , 2021, 12, 675725.	1.6	16

#	ARTICLE	IF	CITATIONS
709	Purinergic-Glycinergic Interaction in Neurodegenerative and Neuroinflammatory Disorders of the Retina. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6209.	1.8	6
710	SENP1 modulates microglia-mediated neuroinflammation toward intermittent hypoxia-induced cognitive decline through the deSUMOylation of NEMO. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 6841-6854.	1.6	11
711	Neurogenesis after Spinal Cord Injury: State of the Art. <i>Cells</i> , 2021, 10, 1499.	1.8	16
712	Aggregated Tau-PHF6 (VQIVYK) Potentiates NLRP3 Inflammasome Expression and Autophagy in Human Microglial Cells. <i>Cells</i> , 2021, 10, 1652.	1.8	26
713	Electrospun meshes intrinsically promote M2 polarization of microglia under hypoxia and offer protection from hypoxia-driven cell death. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 045049.	1.7	6
714	Plasma IL-12/IFN- β axis predicts cognitive trajectories in cognitively unimpaired older adults. <i>Alzheimer's and Dementia</i> , 2022, 18, 645-653.	0.4	39
715	Role of inflammasomes in neuroinflammation after ischemic stroke. <i>Encephalitis</i> , 0, , .	0.3	1
716	Anhydroexfoliamycin, a <i>Streptomyces</i> Secondary Metabolite, Mitigates Microglia-Driven Inflammation. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2336-2346.	1.7	7
717	How environmental enrichment balances out neuroinflammation in chronic pain and comorbid depression and anxiety disorders. <i>British Journal of Pharmacology</i> , 2022, 179, 1640-1660.	2.7	25
718	Genetic Deletion of mGlu3 Metabotropic Glutamate Receptors Amplifies Ischemic Brain Damage and Associated Neuroinflammation in Mice. <i>Frontiers in Neurology</i> , 2021, 12, 668877.	1.1	5
719	Mini-Review: Induced pluripotent stem cells and the search for new cell-specific ALS therapeutic targets. <i>Neuroscience Letters</i> , 2021, 755, 135911.	1.0	20
720	Immune Response in Neurological Pathology: Emerging Role of Central and Peripheral Immune Crosstalk. <i>Frontiers in Immunology</i> , 2021, 12, 676621.	2.2	37
721	Pharmacological Activation of RXR- α Promotes Hematoma Absorption via a PPAR- β -dependent Pathway After Intracerebral Hemorrhage. <i>Neuroscience Bulletin</i> , 2021, 37, 1412-1426.	1.5	11
722	Kv1.1 subunits localize to cardiorespiratory brain networks in mice where their absence induces astrogliosis and microgliosis. <i>Molecular and Cellular Neurosciences</i> , 2021, 113, 103615.	1.0	5
723	Impact of the apelin/APJ axis in the pathogenesis of Parkinson's disease with therapeutic potential. <i>Journal of Neuroscience Research</i> , 2021, 99, 2117-2133.	1.3	8
724	Therapies for neonatal encephalopathy: Targeting the latent, secondary and tertiary phases of evolving brain injury. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, 26, 101256.	1.1	22
725	Inflammatory pathways in Alzheimer's disease mediated by gut microbiota. <i>Ageing Research Reviews</i> , 2021, 68, 101317.	5.0	81
726	Beneficial effects of dietary supplementation with green tea catechins and cocoa flavanols on aging-related regressive changes in the mouse neuromuscular system. <i>Aging</i> , 2021, 13, 18051-18093.	1.4	4

#	ARTICLE	IF	CITATIONS
727	Positive effects of roflumilast on behavior, neuroinflammation, and white matter injury in mice with global cerebral ischemia. <i>Behavioural Pharmacology</i> , 2021, 32, 459-471.	0.8	6
728	Activation of NLRP3 Inflammasome and Onset of Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2021, 12, 701282.	2.2	40
729	Mechanisms and Pathways of Pain Photobiomodulation: A Narrative Review. <i>Journal of Pain</i> , 2021, 22, 763-777.	0.7	36
730	Brain vulnerability and viability after ischaemia. <i>Nature Reviews Neuroscience</i> , 2021, 22, 553-572.	4.9	46
731	The cellular immunotherapy of integrated photothermal anti-oxidation Pd-Se nanoparticles in inhibition of the macrophage inflammatory response in rheumatoid arthritis. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1993-2003.	5.7	20
732	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
733	Hydrolyzed Chicken Meat Extract Attenuates Neuroinflammation and Cognitive Impairment in Middle-Aged Mouse by Regulating M1/M2 Microglial Polarization. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 9800-9812.	2.4	11
734	Fas/FasL Contributes to HSV-1 Brain Infection and Neuroinflammation. <i>Frontiers in Immunology</i> , 2021, 12, 714821.	2.2	11
735	Towards PET imaging of the dynamic phenotypes of microglia. <i>Clinical and Experimental Immunology</i> , 2021, 206, 282-300.	1.1	28
736	Microglia as the Critical Regulators of Neuroprotection and Functional Recovery in Cerebral Ischemia. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 2505-2525.	1.7	15
737	Extracellular vesicles derived from inflammatory-educated stem cells reverse brain inflammation—implication of miRNAs. <i>Molecular Therapy</i> , 2022, 30, 816-830.	3.7	22
738	Neurobiology of traumatic brain injury. <i>Brain Injury</i> , 2021, 35, 1113-1120.	0.6	5
739	Spinal cord injury in mice impacts central and peripheral pathology in a severity-dependent manner. <i>Pain</i> , 2021, Publish Ahead of Print, .	2.0	4
740	The Promoting Effect of Traumatic Brain Injury on the Incidence and Progression of Glioma: A Review of Clinical and Experimental Research. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 3707-3720.	1.6	7
741	The endocannabinoidome in neuropsychiatry: Opportunities and potential risks. <i>Pharmacological Research</i> , 2021, 170, 105729.	3.1	24
742	Astrocytes Stimulate Microglial Proliferation and M2 Polarization In Vitro through Crosstalk between Astrocytes and Microglia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8800.	1.8	47
743	Breaking a dogma: acute anti-inflammatory treatment alters both post-lesional functional recovery and endogenous adaptive plasticity mechanisms in a rodent model of acute peripheral vestibulopathy. <i>Journal of Neuroinflammation</i> , 2021, 18, 183.	3.1	10
744	Role of Vitamin E and the Orexin System in Neuroprotection. <i>Brain Sciences</i> , 2021, 11, 1098.	1.1	13

#	ARTICLE	IF	CITATIONS
745	Immunometabolic Modulatory Role of Naltrexone in BV-2 Microglia Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8429.	1.8	14
746	Targeting integrated stress response regulates microglial M1/M2 polarization and attenuates neuroinflammation following surgical brain injury in rat. <i>Cellular Signalling</i> , 2021, 85, 110048.	1.7	5
747	Metformin promotes microglial cells to facilitate myelin debris clearance and accelerate nerve repairment after spinal cord injury. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 1360-1371.	2.8	42
748	Microglia modulation with 1070-nm light attenuates A β burden and cognitive impairment in Alzheimer's disease mouse model. <i>Light: Science and Applications</i> , 2021, 10, 179.	7.7	46
749	Microglial Phenotypic Transition: Signaling Pathways and Influencing Modulators Involved in Regulation in Central Nervous System Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 736310.	1.8	30
750	Metformin Therapy Attenuates Pro-inflammatory Microglia by Inhibiting NF- κ B in Cuprizone Demyelinating Mouse Model of Multiple Sclerosis. <i>Neurotoxicity Research</i> , 2021, 39, 1732-1746.	1.3	16
751	Geranylgeraniol Inhibits Lipopolysaccharide-Induced Inflammation in Mouse-Derived MG6 Microglial Cells via NF- κ B Signaling Modulation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10543.	1.8	3
752	An evidence update on the protective mechanism of tangeretin against neuroinflammation based on network pharmacology prediction and transcriptomic analysis. <i>European Journal of Pharmacology</i> , 2021, 906, 174094.	1.7	7
753	Glaucoma and neuroinflammation: An overview. <i>Survey of Ophthalmology</i> , 2021, 66, 693-713.	1.7	30
754	The Role of Microglia in Modulating Neuroinflammation after Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9706.	1.8	48
755	Systems-Level Proteomics Evaluation of Microglia Response to Tumor-Supportive Anti-Inflammatory Cytokines. <i>Frontiers in Immunology</i> , 2021, 12, 646043.	2.2	12
756	A high fat, sugar, and salt Western diet induces motor and sensory dysfunctions and neurodegeneration in mice during aging: Ameliorative action of metformin. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 1458-1471.	1.9	7
757	Time-Dependent Protective and Pro-Resolving Effects of FPR2 Agonists on Lipopolysaccharide-Exposed Microglia Cells Involve Inhibition of NF- κ B and MAPKs Pathways. <i>Cells</i> , 2021, 10, 2373.	1.8	14
758	N-salicyloyl tryptamine derivatives as potential therapeutic agents for Alzheimer's disease with neuroprotective effects. <i>Bioorganic Chemistry</i> , 2021, 115, 105255.	2.0	16
759	Pubertal LPS treatment selectively alters PSD-95 expression in male CD-1 mice. <i>Brain Research Bulletin</i> , 2021, 175, 186-195.	1.4	5
760	Microglial-glucocorticoid receptor depletion alters the response of hippocampal microglia and neurons in a chronic unpredictable mild stress paradigm in female mice. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 423-439.	2.0	31
761	Hypoxia/ischemia impairs CD33 (Siglec-3)/TREM2 signaling: Potential role in Alzheimer's pathogenesis. <i>Neurochemistry International</i> , 2021, 150, 105186.	1.9	8
762	Oxymatrine inhibits neuroinflammation by Regulating M1/M2 polarization in N9 microglia through the TLR4/NF- κ B pathway. <i>International Immunopharmacology</i> , 2021, 100, 108139.	1.7	23

#	ARTICLE	IF	CITATIONS
763	Proteomic analysis capsule synthesis and redox mechanisms in the intracellular survival of group B Streptococcus in fish microglia. <i>Fish and Shellfish Immunology</i> , 2021, 118, 34-50.	1.6	1
764	Mechanisms of immune suppression in glioblastoma. , 2022, , 1-17.		0
765	TSPO PET upregulation predicts epileptic phenotype at disease onset independently from chronic TSPO expression in a rat model of temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2021, 31, 102701.	1.4	9
766	Mer regulates microglial/macrophage M1/M2 polarization and alleviates neuroinflammation following traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2021, 18, 2.	3.1	126
767	Coatings for Microneural Implants: Biological and Mechanical Considerations. , 2021, , 1-38.		0
768	Rat Microglia Isolation and Characterization Using Multiparametric Panel for Flow Cytometric Analysis. <i>Neuromethods</i> , 2018, , 191-199.	0.2	2
769	Immunological Considerations for Retinal Stem Cell Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1186, 99-119.	0.8	10
770	Adenosine A2A Receptors and Neurotrophic Factors: Relevance for Parkinsonâ€™s Disease. <i>Current Topics in Neurotoxicity</i> , 2015, , 57-79.	0.4	1
771	Shunts and Shunt Malfunction. , 2019, , 297-316.		2
772	Salvianolic acid B promotes microglial M2-polarization and rescues neurogenesis in stress-exposed mice. <i>Brain, Behavior, and Immunity</i> , 2017, 66, 111-124.	2.0	93
773	Dexamethasone along with ciprofloxacin modulates S. aureus induced microglial inflammation via glucocorticoid (GC)-GC receptor-mediated pathway. <i>Microbial Pathogenesis</i> , 2020, 145, 104227.	1.3	6
774	Fractalkine (CX3CL1) signaling and neuroinflammation in Parkinsonâ€™s disease: Potential clinical and therapeutic implications. <i>Pharmacological Research</i> , 2020, 158, 104930.	3.1	39
775	PPAR β -mediated microglial activation phenotype is involved in depressive-like behaviors and neuroinflammation in stressed C57BL/6J and ob/ob mice. <i>Psychoneuroendocrinology</i> , 2020, 117, 104674.	1.3	25
776	Exercise alters LPS-induced glial activation in the mouse brain. <i>Neuronal Signaling</i> , 2020, 4, NS20200003.	1.7	12
778	STAT6/Arg1 promotes microglia/macrophage efferocytosis and inflammation resolution in stroke mice. <i>JCI Insight</i> , 2019, 4, .	2.3	146
779	Electroconvulsive stimulation attenuates chronic neuroinflammation. <i>JCI Insight</i> , 2020, 5, .	2.3	21
780	Persistent 7-tesla phase rim predicts poor outcome in new multiple sclerosis patient lesions. <i>Journal of Clinical Investigation</i> , 2016, 126, 2597-2609.	3.9	212
781	Zerumbone ameliorates behavioral impairments and neuropathology in transgenic APP/PS1 mice by suppressing MAPK signaling. <i>Journal of Neuroinflammation</i> , 2020, 17, 61.	3.1	23

#	ARTICLE	IF	CITATIONS
782	Critical roles of sphingosine kinase 1 in the regulation of neuroinflammation and neuronal injury after spinal cord injury. <i>Journal of Neuroinflammation</i> , 2021, 18, 50.	3.1	24
783	Downregulated Nuclear Factor E2-Related Factor 2 (Nrf2) Aggravates Cognitive Impairments via Neuroinflammation and Synaptic Plasticity in the Senescence-Accelerated Mouse Prone 8 (SAMP8) Mouse: A Model of Accelerated Senescence. <i>Medical Science Monitor</i> , 2018, 24, 1132-1144.	0.5	21
784	Evidence for Status Epilepticus and Pro-Inflammatory Changes after Intranasal Kainic Acid Administration in Mice. <i>PLoS ONE</i> , 2016, 11, e0150793.	1.1	16
785	Suppressor of Cytokine Signaling-2 (SOCS2) Regulates the Microglial Response and Improves Functional Outcome after Traumatic Brain Injury in Mice. <i>PLoS ONE</i> , 2016, 11, e0153418.	1.1	22
786	Strong upregulation of inflammatory genes accompanies photoreceptor demise in canine models of retinal degeneration. <i>PLoS ONE</i> , 2017, 12, e0177224.	1.1	40
787	Therapeutic benefits of phosphodiesterase 4B inhibition after traumatic brain injury. <i>PLoS ONE</i> , 2017, 12, e0178013.	1.1	23
788	TGF- β 2 Signaling: A Therapeutic Target to Reinstiate Regenerative Plasticity in Vascular Dementia?. , 2020, 11, 828.		46
789	Developing Extracellular Matrix Technology to Treat Retinal or Optic Nerve Injury. <i>ENeuro</i> , 2015, 2, ENEURO.0077-15.2015.	0.9	21
790	Contribution of CD137L to Sensory Hypersensitivity in a Murine Model of Neuropathic Pain. <i>ENeuro</i> , 2018, 5, ENEURO.0218-18.2018.	0.9	8
791	Diallyl Trisulfide Suppresses the Production of Lipopolysaccharide-induced Inflammatory Mediators in BV2 Microglia by Decreasing the NF- κ B Pathway Activity Associated With Toll-like Receptor 4 and CXCL12/CXCR4 Pathway Blockade. <i>Journal of Cancer Prevention</i> , 2018, 23, 134-140.	0.8	18
792	TREM2 ameliorates neuroinflammatory response and cognitive impairment via PI3K/AKT/FoxO3a signaling pathway in Alzheimer’s disease mice. <i>Aging</i> , 2020, 12, 20862-20879.	1.4	72
793	Activation of adenosine A3 receptor reduces early brain injury by alleviating neuroinflammation after subarachnoid hemorrhage in elderly rats. <i>Aging</i> , 2021, 13, 694-713.	1.4	16
794	Regulation of neuroinflammation by matrix metalloproteinase-8 inhibitor derivatives in activated microglia and astrocytes. <i>Oncotarget</i> , 2017, 8, 78677-78690.	0.8	14
795	Curcuminoid submicron particle ameliorates cognitive deficits and decreases amyloid pathology in Alzheimer’s disease mouse model. <i>Oncotarget</i> , 2018, 9, 10681-10697.	0.8	18
796	Astroglial role in the pathophysiology of status epilepticus: an overview. <i>Oncotarget</i> , 2018, 9, 26954-26976.	0.8	51
797	An association between mitochondria and microglia effector function: what do we think we know?. <i>Neuroimmunology and Neuroinflammation</i> , 2020, 2020, 150-165.	1.4	10
798	Dietary Patterns and Cognitive Decline: key features for prevention. <i>Current Pharmaceutical Design</i> , 2019, 25, 2428-2442.	0.9	29
799	Heterogeneity of Microglia Phenotypes: Developmental, Functional and Some Therapeutic Considerations. <i>Current Pharmaceutical Design</i> , 2019, 25, 2375-2393.	0.9	16

#	ARTICLE	IF	CITATIONS
800	Aging and Neuroinflammatory Disorders: New Biomarkers and Therapeutic Targets. <i>Current Pharmaceutical Design</i> , 2019, 25, 4168-4174.	0.9	15
801	Potential for Stem Cells Therapy in Alzheimer's Disease: Do Neurotrophic Factors Play Critical Role?. <i>Current Alzheimer Research</i> , 2017, 14, 208-220.	0.7	47
802	Pharmacological Tools to Activate Microglia and their Possible use to Study Neural Network Patho-physiology. <i>Current Neuropharmacology</i> , 2017, 15, 595-619.	1.4	10
803	The Ambiguous Role of Microglia in A β Toxicity: Chances for Therapeutic Intervention. <i>Current Neuropharmacology</i> , 2020, 18, 446-455.	1.4	16
804	MAPK: A Key Player in the Development and Progression of Stroke. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 248-256.	0.8	26
805	Nutritional prevention of cognitive decline and dementia. <i>Acta Biomedica</i> , 2018, 89, 276-290.	0.2	54
806	Differential Effects of Whole Red Raspberry Polyphenols and Their Gut Metabolite Urolithin A on Neuroinflammation in BV-2 Microglia. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 68.	1.2	19
807	Hypothalamic Neuropeptide Brain Protection: Focus on Oxytocin. <i>Journal of Clinical Medicine</i> , 2020, 9, 1534.	1.0	31
808	Dynamic Modelling of Interactions between Microglia and Endogenous Neural Stem Cells in the Brain during a Stroke. <i>Mathematics</i> , 2020, 8, 132.	1.1	6
809	Focused Ultrasound and Microbubbles-Mediated Drug Delivery to Brain Tumor. <i>Pharmaceutics</i> , 2021, 13, 15.	2.0	49
810	Galangin Suppresses Pro-Inflammatory Gene Expression in Polyinosinic-Polycytidylic Acid-Stimulated Microglial Cells. <i>Biomolecules and Therapeutics</i> , 2017, 25, 641-647.	1.1	15
811	S1P ₁ Regulates M1/M2 Polarization toward Brain Injury after Transient Focal Cerebral Ischemia. <i>Biomolecules and Therapeutics</i> , 2019, 27, 522-529.	1.1	32
812	Neuroprotective mechanisms and translational potential of therapeutic hypothermia in the treatment of ischemic stroke. <i>Neural Regeneration Research</i> , 2017, 12, 341.	1.6	48
813	Local inhibition of matrix metalloproteinases reduced M2 macrophage activity and impeded recovery in spinal cord transected rats after treatment with fibroblast growth factor-1 and nerve grafts. <i>Neural Regeneration Research</i> , 2018, 13, 1447.	1.6	5
814	Protective mechanism of testosterone on cognitive impairment in a rat model of Alzheimer's disease. <i>Neural Regeneration Research</i> , 2019, 14, 649.	1.6	28
815	Amelioration of Alzheimer's disease pathology and cognitive deficits by immunomodulatory agents in animal models of Alzheimer's disease. <i>Neural Regeneration Research</i> , 2019, 14, 1158.	1.6	27
816	Shifting equilibriums in Alzheimer's disease: the complex roles of microglia in neuroinflammation, neuronal survival and neurogenesis. <i>Neural Regeneration Research</i> , 2020, 15, 1208.	1.6	49
817	Autophagy and inflammation in ischemic stroke. <i>Neural Regeneration Research</i> , 2020, 15, 1388.	1.6	193

#	ARTICLE	IF	CITATIONS
818	Neuroinflammation after Intracerebral Hemorrhage and Potential Therapeutic Targets. <i>Journal of Stroke</i> , 2020, 22, 29-46.	1.4	233
819	The immune system and autism spectrum disorder: association and therapeutic challenges. <i>Acta Neurobiologiae Experimentalis</i> , 2021, 81, 249-263.	0.4	12
820	Anti-Inflammatory Activity of N-Docosahexaenoylethanolamine and N-Eicosapentaenoylethanolamine in a Mouse Model of Lipopolysaccharide-Induced Neuroinflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10728.	1.8	9
821	Traumatic Brain Injury: An Age-Dependent View of Post-Traumatic Neuroinflammation and Its Treatment. <i>Pharmaceutics</i> , 2021, 13, 1624.	2.0	28
822	Progesterone alters the activation and typing of the microglia in the optic nerve crush model. <i>Experimental Eye Research</i> , 2021, 212, 108805.	1.2	2
823	17 β -Estradiol Abrogates Oxidative Stress and Neuroinflammation after Cortical Stab Wound Injury. <i>Antioxidants</i> , 2021, 10, 1682.	2.2	12
824	Translocator Protein Regulate Polarization Phenotype Transformation of Microglia after Cerebral Ischemiaâ€“reperfusion Injury. <i>Neuroscience</i> , 2022, 480, 203-216.	1.1	4
825	Recent Progress of Surface Modified Nanomaterials for Scavenging Reactive Oxygen Species in Organism. <i>Bioconjugate Chemistry</i> , 2021, 32, 2269-2289.	1.8	27
826	IKK2/NF- κ B Activation in Astrocytes Reduces amyloid β Deposition: A Process Associated with Specific Microglia Polarization. <i>Cells</i> , 2021, 10, 2669.	1.8	13
827	Bloodâ€“Brain Barrier Dysfunction in the Pathogenesis of Major Depressive Disorder. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 2571-2591.	1.7	39
828	Neuroinflammation: Peripheral and Neurogenic Underlying Processes. <i>Journal of Contemporary Immunology</i> , 0, , .	0.0	0
829	Immunology of Central Nervous System Pathogens. , 2016, , 173-183.		0
830	Microglia: Features of Polarization and Aging. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2016, , 47-66.	0.4	0
832	Microglia Function in Stroke. <i>Translational Medicine Research</i> , 2017, , 279-295.	0.0	0
835	SARS-CoV-2 Spike Glycoprotein S1 Induces Neuroinflammation in BV-2 Microglia. <i>Molecular Neurobiology</i> , 2022, 59, 445-458.	1.9	56
836	Tissue inhibitor of metalloproteinases 1 is involved in ROS-mediated inflammation via regulating matrix metalloproteinase 1 expression in the sea cucumber <i>Apostichopus japonicus</i> . <i>Developmental and Comparative Immunology</i> , 2022, 127, 104298.	1.0	3
837	Neuroprotective Immunity for Neurodegenerative and Neuroinfectious Diseases. , 2020, , 335-370.		0
838	Beyond Brain Signaling. , 2020, , 1-32.		0

#	ARTICLE	IF	CITATIONS
839	Maternal Immune Activation as a Risk Factor for Schizophrenia: Evidence From Preclinical and Clinical Studies. <i>Agents and Actions Supplements</i> , 2020, , 129-154.	0.2	2
840	Increased Behavioral Deficits and Inflammation in a Mouse Model of Co-Morbid Traumatic Brain Injury and Post-Traumatic Stress Disorder. <i>ASN Neuro</i> , 2020, 12, 175909142097956.	1.5	6
843	Microglia and its Genetics in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2021, 18, 676-688.	0.7	10
844	Sex and region-specific effects of variable stress on microglia morphology. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 18, 100378.	1.3	12
845	MICROGLYOCYTES MORPHOLOGY AFTER FOCAL ISCHEMIC STROKE IN A MOUSE BRAIN. , 2020, , .		0
846	Neurofilament degradation is involved in laparotomy-induced cognitive dysfunction in aged rats. <i>Aging</i> , 2020, 12, 25643-25657.	1.4	3
847	Activation of the $\alpha 7$ nicotinic receptor promotes lipopolysaccharide-induced conversion of M1 microglia to M2. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 971-985.	0.0	59
848	Oligodendrocyte death, neuroinflammation, and the effects of minocycline in a rodent model of nonarteritic anterior ischemic optic neuropathy (rNAION). <i>Molecular Vision</i> , 2017, 23, 963-976.	1.1	6
850	Acute and chronic neuroinflammation is triggered by diabetic ketoacidosis in a rat model. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, .	1.2	3
851	Differential gene expression in the cortical sulcus compared to the gyral crest within the early stages of chronic traumatic encephalopathy. <i>Free Neuropathology</i> , 2021, 2, .	2.4	1
852	Fructose diet ameliorates effects of macrophage migration inhibitory factor deficiency on prefrontal cortex inflammation, neural plasticity, and behavior in male mice. <i>BioFactors</i> , 2021, , .	2.6	1
853	Risk Mitigation of Immunogenicity: A Key to Personalized Retinal Gene Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12818.	1.8	3
854	Neuroinflammation as a Therapeutic Target in Retinitis Pigmentosa and Quercetin as Its Potential Modulator. <i>Pharmaceutics</i> , 2021, 13, 1935.	2.0	19
855	Acute exposure to paraquat affects the phenotypic differentiation of substantia nigra microglia in rats. <i>Environmental Science and Pollution Research</i> , 2022, 29, 21339-21347.	2.7	2
857	Differential Cytokine-Induced Responses of Polarized Microglia. <i>Brain Sciences</i> , 2021, 11, 1482.	1.1	14
858	Nutrition, Physical Activity, and Other Lifestyle Factors in the Prevention of Cognitive Decline and Dementia. <i>Nutrients</i> , 2021, 13, 4080.	1.7	114
859	Microglia and immunotherapy in Alzheimer's disease. <i>Acta Neurologica Scandinavica</i> , 2022, 145, 273-278.	1.0	20
860	The Effects of Blueberry Phytochemicals on Cell Models of Inflammation and Oxidative Stress. <i>Advances in Nutrition</i> , 2022, 13, 1279-1309.	2.9	10

#	ARTICLE	IF	CITATIONS
861	Polarization of Type 1 Macrophages Is Associated with the Severity of Viral Encephalitis Caused by Japanese Encephalitis Virus and Dengue Virus. <i>Cells</i> , 2021, 10, 3181.	1.8	12
862	The role of microglia in prion diseases and possible therapeutic targets: a literature review. <i>Prion</i> , 2021, 15, 191-206.	0.9	9
863	Bone mesenchymal stem cell-derived extracellular vesicles deliver microRNA-23b to alleviate spinal cord injury by targeting toll-like receptor TLR4 and inhibiting NF- κ B pathway activation. <i>Bioengineered</i> , 2021, 12, 8157-8172.	1.4	23
864	Polaryzacja mikrogleju i makrofag ³ w w wybranych chorobach degeneracyjnych i zapalnych ukÅadu nerwowego. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2021, 75, 904-922.	0.1	1
865	The Anti-Inflammatory Agent Bindarit Attenuates the Impairment of Neural Development through Suppression of Microglial Activation in a Neonatal Hydrocephalus Mouse Model. <i>Journal of Neuroscience</i> , 2022, 42, 1820-1844.	1.7	13
866	A Single Administration of Riluzole Applied Acutely After Spinal Cord Injury Attenuates Pro-inflammatory Activity and Improves Long-Term Functional Recovery in Rats. <i>Journal of Molecular Neuroscience</i> , 2022, 72, 730-740.	1.1	4
867	Insights into the Impact of Gold Nanoclusters Au ₁₀ SG ₁₀ on Human Microglia. <i>ACS Chemical Neuroscience</i> , 2022, 13, 464-476.	1.7	7
868	Novel Insights into the Emerging Role of Neat1 and Its Effects Downstream in the Regulation of Inflammation. <i>Journal of Inflammation Research</i> , 2022, Volume 15, 557-571.	1.6	14
869	Ghrelin reduces cerebral ischemic injury in rats by reducing M1 microglia/macrophages. <i>European Journal of Histochemistry</i> , 2022, 66, .	0.6	5
870	Inflammation Subtypes and Translating Inflammation-Related Genetic Findings in Schizophrenia and Related Psychoses: A Perspective on Pathways for Treatment Stratification and Novel Therapies. <i>Harvard Review of Psychiatry</i> , 2022, 30, 59-70.	0.9	45
871	Extracellular vesicles from adipose-derived stem cells promote microglia M2 polarization and neurological recovery in a mouse model of transient middle cerebral artery occlusion. <i>Stem Cell Research and Therapy</i> , 2022, 13, 21.	2.4	14
872	Engineering strategies towards overcoming bleeding and glial scar formation around neural probes. <i>Cell and Tissue Research</i> , 2022, 387, 461-477.	1.5	14
873	Protective Effect of Mild Hypothermia on Spinal Cord Ischemia-Induced Delayed Paralysis and Spinal Cord Injury. <i>Neurochemical Research</i> , 2022, 47, 1212-1225.	1.6	6
874	Neuron-Microglia Contact-Dependent Mechanisms Attenuate Methamphetamine-Induced Microglia Reactivity and Enhance Neuronal Plasticity. <i>Cells</i> , 2022, 11, 355.	1.8	8
875	Interleukin-4 Aggravates LPS-Induced Striatal Neurodegeneration In Vivo via Oxidative Stress and Polarization of Microglia/Macrophages. <i>International Journal of Molecular Sciences</i> , 2022, 23, 571.	1.8	6
876	Microglial Immunoregulation by Apoptotic Cellular Membrane Mimetic Polymeric Particles. <i>ACS Macro Letters</i> , 2022, 11, 270-275.	2.3	4
877	Switching Roles: Beneficial Effects of Adipose Tissue-Derived Mesenchymal Stem Cells on Microglia and Their Implication in Neurodegenerative Diseases. <i>Biomolecules</i> , 2022, 12, 219.	1.8	5
878	Treatment with Pulsed Extremely Low Frequency Electromagnetic Field (PELF-EMF) Exhibit Anti-Inflammatory and Neuroprotective Effect in Compression Spinal Cord Injury Model. <i>Biomedicines</i> , 2022, 10, 325.	1.4	3

#	ARTICLE	IF	CITATIONS
879	Neural transcriptomic signature of chronic wasting disease in white-tailed deer. <i>BMC Genomics</i> , 2022, 23, 69.	1.2	5
880	Extracellular Vesicles of Mesenchymal Stromal Cells Can be Taken Up by Microglial Cells and Partially Prevent the Stimulation Induced by A β -amyloid. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 1113-1126.	1.7	13
881	Bile acids attenuate PKM2 pathway activation in proinflammatory microglia. <i>Scientific Reports</i> , 2022, 12, 1459.	1.6	13
882	C1q deletion exacerbates stress-induced learned helplessness behavior and induces neuroinflammation in mice. <i>Translational Psychiatry</i> , 2022, 12, 50.	2.4	3
883	The Dynamic Role of Microglia and the Endocannabinoid System in Neuroinflammation. <i>Frontiers in Pharmacology</i> , 2021, 12, 806417.	1.6	24
884	Opioid-induced microglia reactivity modulates opioid reward, analgesia, and behavior. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 135, 104544.	2.9	22
885	Neuroprotective effects of naturally sourced bioactive polysaccharides: an update. <i>Neural Regeneration Research</i> , 2022, 17, 1907.	1.6	19
886	The Regulation of Microglial Cell Polarization in the Tumor Microenvironment: A New Potential Strategy for Auxiliary Treatment of Glioma—A Review. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 193-204.	1.7	1
887	Mechanisms of the host immune response and helminth-induced pathology during <i>Trichobilharzia regenti</i> (Schistosomatidae) neuroinvasion in mice. <i>PLoS Pathogens</i> , 2022, 18, e1010302.	2.1	2
888	Early-phase administration of human amnion-derived stem cells ameliorates neurobehavioral deficits of intracerebral hemorrhage by suppressing local inflammation and apoptosis. <i>Journal of Neuroinflammation</i> , 2022, 19, 48.	3.1	5
889	Fibroblast-Conditioned Media Enhance the Yield of Microglia Isolated from Mixed Glial Cultures. <i>Cellular and Molecular Neurobiology</i> , 2022, , 1.	1.7	1
890	NaF-induced neurotoxicity via activation of the IL-1 β /JNK signaling pathway. <i>Toxicology</i> , 2022, 469, 153132.	2.0	11
891	Spinal cord-wide structural disruption in type 2 diabetes rescued by exenatide "a glucagon-like peptide-1 analogue" via down-regulating inflammatory, oxidative stress and apoptotic signaling pathways. <i>Journal of Chemical Neuroanatomy</i> , 2022, 121, 102079.	1.0	3
892	Nanotechnology-Abetted Astaxanthin Formulations in Multimodal Therapeutic and Biomedical Applications. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2-36.	2.9	31
893	Medroxyprogesterone acetate attenuates demyelination, modulating microglia activation, in a cuprizone neurotoxic demyelinating mouse model. <i>American Journal of Neurodegenerative Disease</i> , 2021, 10, 57-68.	0.1	0
894	Non-invasive photobiomodulation treatment in an Alzheimer Disease-like transgenic rat model. <i>Theranostics</i> , 2022, 12, 2205-2231.	4.6	37
895	Microglia and macrophages in central nervous systems. , 2022, , 185-208.		0
896	Neuroprotective strategies. , 2022, , 523-535.		0

#	ARTICLE	IF	CITATIONS
897	Glial activation positron emission tomography imaging in radiation treatment of breast cancer brain metastases. <i>Physics and Imaging in Radiation Oncology</i> , 2022, 21, 115-122.	1.2	3
899	Management and pathophysiology. , 2022, , 303-317.		0
900	Brain Damage-Linked ATP Promotes P2X7 Mediated Pineal Nacetylserotonin Release. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
901	Leukotriene Signaling as a Target in Î±-Synucleinopathies. <i>Biomolecules</i> , 2022, 12, 346.	1.8	5
902	Targeting Microglia to Treat Degenerative Eye Diseases. <i>Frontiers in Immunology</i> , 2022, 13, 843558.	2.2	24
903	Pharmacological Inhibition of Spermine Oxidase Suppresses Excitotoxicity Induced Neuroinflammation in Mouse Retina. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2133.	1.8	12
904	Microglia Loss and Astrocyte Activation Cause Dynamic Changes in Hippocampal [18F]DPA-714 Uptake in Mouse Models of Depression. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 802192.	1.8	9
905	PACAP and VIP Mitigate Rotenone-Induced Inflammation in BV-2 Microglial Cells. <i>Journal of Molecular Neuroscience</i> , 2022, 72, 2163-2175.	1.1	12
906	Crosstalk Between the Oxidative Stress and Glia Cells After Stroke: From Mechanism to Therapies. <i>Frontiers in Immunology</i> , 2022, 13, 852416.	2.2	31
907	Microglia Polarization From M1 to M2 in Neurodegenerative Diseases. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 815347.	1.7	212
908	Reactive gliosis in Alzheimerâ€™s disease: a crucial role for cognitive impairment and memory loss. <i>Metabolic Brain Disease</i> , 2022, 37, 851-857.	1.4	20
909	Regulatory Roles of Antimicrobial Peptides in the Nervous System: Implications for Neuronal Aging. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 843790.	1.8	4
910	The Forgotten Brother: The Innate-like B1 Cell in Multiple Sclerosis. <i>Biomedicines</i> , 2022, 10, 606.	1.4	4
911	Microglia and Neuroinflammation: Crucial Pathological Mechanisms in Traumatic Brain Injury-Induced Neurodegeneration. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 825086.	1.7	46
912	Targeting iNOS Alleviates Early Brain Injury After Experimental Subarachnoid Hemorrhage via Promoting Ferroptosis of M1 Microglia and Reducing Neuroinflammation. <i>Molecular Neurobiology</i> , 2022, 59, 3124-3139.	1.9	29
913	Therapeutic efficacy of rolipram delivered by Pgp nanocarrier on secondary injury and motor function in a rat TBI model. <i>Nanomedicine</i> , 2022, 17, 431-445.	1.7	3
914	Evaluation of neuroprotective and immunomodulatory properties of mesenchymal stem cells in an ex vivo retinal explant model. <i>Journal of Neuroinflammation</i> , 2022, 19, 63.	3.1	11
915	Vitreous Inflammatory Cytokines and Chemokines, Not Altered After Preoperative Adjunctive Conbercept Injection, but Associated With Early Postoperative Macular Edema in Patients With Proliferative Diabetic Retinopathy. <i>Frontiers in Physiology</i> , 2022, 13, 846003.	1.3	6

#	ARTICLE	IF	CITATIONS
916	Evaluation of anti-inflammatory diphenyldihaloketone EF24 in transient ischemic stroke model. <i>Brain Injury</i> , 2022, 36, 279-286.	0.6	2
917	Intratarget Microdosing for Deep Phenotyping of Multiple Drug Effects in the Live Brain. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 855755.	2.0	1
918	Exercise Rehabilitation and/or Astragaloside Attenuate Amyloid-beta Pathology by Reversing BDNF/TrkB Signaling Deficits and Mitochondrial Dysfunction. <i>Molecular Neurobiology</i> , 2022, 59, 3091-3109.	1.9	10
919	Epigallocatechin Gallate Protects against Hypoxia-Induced Inflammation in Microglia via NF- κ B Suppression and Nrf-2/HO-1 Activation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4004.	1.8	28
920	The Blood-Brain Barrier: A Key Player in Multiple Sclerosis Disease Mechanisms. <i>Biomolecules</i> , 2022, 12, 538.	1.8	10
921	New Paradigm in Cell Therapy Using Sperm Head to Restore Brain Function and Structure in Animal Model of Alzheimer's Disease: Support for Boosting Constructive Inflammation vs. Anti-Inflammatory Approach. <i>Journal of Immunology Research</i> , 2022, 2022, 1-29.	0.9	3
922	Bone marrow-derived inducible microglia-like cells ameliorate motor function and survival in a mouse model of amyotrophic lateral sclerosis. <i>Cytherapy</i> , 2022, 24, 789-801.	0.3	2
923	Microglial proliferation attenuates sickness responses in adult mice during endotoxin-induced inflammation. <i>Journal of Neuroimmunology</i> , 2022, 365, 577832.	1.1	9
924	Melanoma-Secreted Amyloid Beta Suppresses Neuroinflammation and Promotes Brain Metastasis. <i>Cancer Discovery</i> , 2022, 12, 1314-1335.	7.7	31
925	Mitochondrial-targeting antioxidant MitoQ modulates angiogenesis and promotes functional recovery after spinal cord injury. <i>Brain Research</i> , 2022, 1786, 147902.	1.1	6
926	Protecting effect of emodin in experimental autoimmune encephalomyelitis mice by inhibiting microglia activation and inflammation via Myd88/PI3K/Akt/NF- κ B signalling pathway. <i>Bioengineered</i> , 2022, 13, 9322-9344.	1.4	16
927	Microglial Endocannabinoid Signalling in AD. <i>Cells</i> , 2022, 11, 1237.	1.8	8
928	Neurological sequela and disruption of neuron-glia homeostasis in SARS-CoV-2 infection. <i>Neurobiology of Disease</i> , 2022, 168, 105715.	2.1	18
929	Effect of Ethyl Acetate Fraction of <i>Marsilea crenata</i> Presl. Leaf Extract on Major Histocompatibility Complex Class II Expression in Microglial HMC3 Cell Lines. <i>Research Journal of Pharmacy and Technology</i> , 2021, , 6374-6378.	0.2	2
930	Bidirectional Association Between Sleep and Brain Atrophy in Aging. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 726662.	1.7	1
931	Neuroprotective Effects of Hesperetin in Regulating Microglia Polarization after Ischemic Stroke by Inhibiting TLR4/NF- κ B Pathway. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-10.	1.1	11
932	The Colony Stimulating Factor-1 Receptor (CSF-1R)-Mediated Regulation of Microglia/Macrophages as a Target for Neurological Disorders (Glioma, Stroke). <i>Frontiers in Immunology</i> , 2021, 12, 787307.	2.2	21
933	FLASH radiotherapy: Research process from basic experimentation to clinical application. <i>Precision Radiation Oncology</i> , 2021, 5, 259-266.	0.4	5

#	ARTICLE	IF	CITATIONS
934	IN VITRO ANTI-NEUROINFLAMMATORY EFFECT OF GENISTEIN (4',5,7-TRIHYDROXYISOFLAVONE) ON MICROGLIA HMC3 CELL LINE, AND IN SILICO EVALUATION OF ITS INTERACTION WITH ESTROGEN RECEPTOR- β . International Journal of Applied Pharmaceutics, 0, , 183-187.	0.3	1
935	Biphasic Role of Microglia in Healthy and Diseased Brain. , 2022, , 507-537.		1
938	Extracellular vesicles and their microRNA cargo in ischaemic stroke. Journal of Physiology, 2023, 601, 4907-4921.	1.3	7
939	Time dependent analysis of rat microglial surface markers in traumatic brain injury reveals dynamics of distinct cell subpopulations. Scientific Reports, 2022, 12, 6289.	1.6	7
987	Acute and chronic neuroinflammation is triggered by diabetic ketoacidosis in a rat model. BMJ Open Diabetes Research and Care, 2020, 8, e001793.	1.2	15
988	Exploring the Pro-Phagocytic and Anti-Inflammatory Functions of PACAP and VIP in Microglia: Implications for Multiple Sclerosis. International Journal of Molecular Sciences, 2022, 23, 4788.	1.8	6
989	NLRP3 Inflammasome Activation: A Therapeutic Target for Cerebral Ischemiaâ€œReperfusion Injury. Frontiers in Molecular Neuroscience, 2022, 15, .	1.4	23
990	A study on the role of eugenol encapsulated liposomes in facilitating neuron -microglia mediated wound recovery. Materialia, 2022, 23, 101454.	1.3	3
991	Exacerbated immune response of the brain to peripheral immune challenge in post-septic mice. Brain Research Bulletin, 2022, 185, 74-85.	1.4	4
992	Neuroinflammatory Markers: Key Indicators in the Pathology of Neurodegenerative Diseases. Molecules, 2022, 27, 3194.	1.7	78
993	Thrombin acts as inducer of proinflammatory macrophage migration inhibitory factor in astrocytes following rat spinal cord injury. Journal of Neuroinflammation, 2022, 19, .	3.1	7
994	Shared pathophysiology: Understanding stroke and Alzheimerâ€™s disease. Clinical Neurology and Neurosurgery, 2022, 218, 107306.	0.6	9
995	Specific Microglial Subtypes and Inflammatory Mechanisms in Early Diabetic Retinopathy. SSRN Electronic Journal, 0, , .	0.4	0
996	Seizures in traumatic brain injury: A focus on cellular aspects. , 2022, , 95-105.		0
997	Astrocytes and Microglia in Stress-Induced Neuroinflammation: The African Perspective. Frontiers in Immunology, 2022, 13, .	2.2	7
998	Functional and Phenotypic Diversity of Microglia: Implication for Microglia-Based Therapies for Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 0, 14, .	1.7	15
1000	Microglia-Mediated Neuroinflammation: A Potential Target for the Treatment of Cardiovascular Diseases. Journal of Inflammation Research, 0, Volume 15, 3083-3094.	1.6	109
1001	Pharmacological Inhibition of Spleen Tyrosine Kinase Suppressed Neuroinflammation and Cognitive Dysfunction in LPS-Induced Neurodegeneration Model. Cells, 2022, 11, 1777.	1.8	7

#	ARTICLE	IF	CITATIONS
1002	An apoptosis inhibitor suppresses microglial and astrocytic activation after cardiac ischemia/reperfusion injury. <i>Inflammation Research</i> , 2022, 71, 861-872.	1.6	9
1003	Cladribine Treatment for MS Preserves the Differentiative Capacity of Subsequently Generated Monocytes, Whereas Its Administration In Vitro Acutely Influences Monocyte Differentiation but Not Microglial Activation. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	0
1004	Neuroinflammation and galectins: a key relationship in neurodegenerative diseases. <i>Glycoconjugate Journal</i> , 2022, 39, 685-699.	1.4	7
1005	An effective therapeutic regime for treatment of glioma using oncolytic vaccinia virus expressing IL-21 in combination with immune checkpoint inhibition. <i>Molecular Therapy - Oncolytics</i> , 2022, 26, 105-119.	2.0	12
1006	Emerging Roles of Microglia Depletion in the Treatment of Spinal Cord Injury. <i>Cells</i> , 2022, 11, 1871.	1.8	12
1007	Synthetic cannabinoids reduce the inflammatory activity of microglia and subsequently improve neuronal survival in vitro. <i>Brain, Behavior, and Immunity</i> , 2022, 105, 29-43.	2.0	13
1008	Phagocytic microglia and macrophages in brain injury and repair. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 1279-1293.	1.9	38
1009	Extracellular Hsp90 α stimulates a unique innate gene profile in microglial cells with simultaneous activation of Nrf2 and protection from oxidative stress. <i>Cell Stress and Chaperones</i> , 2022, 27, 461-478.	1.2	4
1010	Probiotic <i>Bifidobacterium breve</i> MCC1274 Mitigates Alzheimer's Disease-Related Pathologies in Wild-Type Mice. <i>Nutrients</i> , 2022, 14, 2543.	1.7	19
1011	The Translational Potential of Microglia and Monocyte-Derived Macrophages in Ischemic Stroke. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	27
1012	Modulating Microglia/Macrophage Activation by CDFN Promotes Transplantation of Fetal Ventral Mesencephalic Graft Survival and Function in a Hemiparkinsonian Rat Model. <i>Biomedicines</i> , 2022, 10, 1446.	1.4	6
1013	Metformin, Rapamycin, or Nicotinamide Mononucleotide Pretreatment Attenuate Cognitive Impairment After Cerebral Hypoperfusion by Inhibiting Microglial Phagocytosis. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	6
1014	Trehalose Treatment in Zebrafish Model of Lafora Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6874.	1.8	9
1015	Cyanidin-3-O-Glucoside Regulates the M1/M2 Polarization of Microglia via PPAR γ and β 2 Phagocytosis Through TREM2 in an Alzheimer's Disease Model. <i>Molecular Neurobiology</i> , 2022, 59, 5135-5148.	1.9	19
1016	Inhalation of Silver Silicate Nanoparticles Leads to Transient and Differential Microglial Activation in the Rodent Olfactory Bulb. <i>Toxicologic Pathology</i> , 0, , 019262332211076.	0.9	2
1017	Effects of neuronal cell adhesion molecule L1 and nanoparticle surface modification on microglia. <i>Acta Biomaterialia</i> , 2022, 149, 273-286.	4.1	6
1018	The Role of Microglia in Alzheimer's Disease From the Perspective of Immune Inflammation and Iron Metabolism. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	24
1019	Roles of Fatty Acids in Microglial Polarization: Evidence from In Vitro and In Vivo Studies on Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7300.	1.8	10

#	ARTICLE	IF	CITATIONS
1020	Necroptosis and Neuroinflammation in Retinal Degeneration. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	5
1021	ALZT-OP1: an experimental combination regimen for the treatment of Alzheimer's disease. <i>Expert Opinion on Investigational Drugs</i> , 2022, 31, 759-771.	1.9	6
1022	Distinct Phenotypes of Inflammation Associated Macrophages and Microglia in the Prefrontal Cortex Schizophrenia Compared to Controls. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	13
1023	Brain Damage-linked ATP Promotes P2X7 Receptors Mediated Pineal N-acetylserotonin Release. <i>Neuroscience</i> , 2022, 499, 12-22.	1.1	3
1024	The Circadian Clock of Polarized Microglia and Its Interaction with Mouse Brain Oscillators. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 1319-1333.	1.7	3
1025	Transient neuroinflammation following surgery contributes to long-lasting cognitive decline in elderly rats via dysfunction of synaptic NMDA receptor. <i>Journal of Neuroinflammation</i> , 2022, 19, .	3.1	10
1026	Human Borna disease virus 1 encephalitis shows marked pro-inflammatory biomarker and tissue immunoactivation during the course of disease. <i>Emerging Microbes and Infections</i> , 2022, 11, 1843-1856.	3.0	12
1027	Copolymer-1 as a potential therapy for mild cognitive impairment. <i>Brain and Cognition</i> , 2022, 162, 105892.	0.8	1
1028	Identification of oxytocin expression in human and murine microglia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 119, 110600.	2.5	7
1029	Central role of microglia in sepsis-associated encephalopathy: From mechanism to therapy. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	28
1030	Synergistic photobiomodulation with 808-nm and 1064-nm lasers to reduce the β -amyloid neurotoxicity in the in vitro Alzheimer's disease models. , 0, 1, .		3
1031	Three Days Delayed Recanalization Improved Neurological Function in pMCAO Rats by Increasing M2 Microglia's Possible Involvement of the IL-4R/STAT6/PPAR β Pathway. <i>Translational Stroke Research</i> , 2023, 14, 250-262.	2.3	6
1032	Inhibition of Mer exacerbates early brain injury by regulating microglia/macrophage phenotype after subarachnoid hemorrhage in mice. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106659.	0.7	0
1033	Microglial Activation and Oxidative Stress in PM2.5-Induced Neurodegenerative Disorders. <i>Antioxidants</i> , 2022, 11, 1482.	2.2	14
1034	Clickable Biomaterials for Modulating Neuroinflammation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8496.	1.8	2
1035	Tenascin-C fibronectin D domain is involved in the fine-tuning of glial response to CNS injury in vitro. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	0
1036	Astrocytic and microglial cells as the modulators of neuroinflammation in Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2022, 19, .	3.1	80
1037	Maternal immune activation alters fetal and neonatal microglia phenotype and disrupts neurogenesis in mice. <i>Pediatric Research</i> , 2023, 93, 1216-1225.	1.1	7

#	ARTICLE	IF	CITATIONS
1038	Involvement of the Endocannabinoid System in the pathophysiology and therapeutics of movement disorders. <i>Neurology Perspectives</i> , 2022, , .	0.2	0
1039	Dual roles of interleukin-33 in cognitive function by regulating central nervous system inflammation. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	17
1040	Discovery and engineering of an anti-TREM2 antibody to promote amyloid plaque clearance by microglia in 5XFAD mice. <i>MAbs</i> , 2022, 14, .	2.6	5
1041	Long-term microglial phase-specific dynamics during single vessel occlusion and recanalization. <i>Communications Biology</i> , 2022, 5, .	2.0	1
1042	Modulation of Neuroinflammation Via Selective Nanoparticle-Mediated Drug Delivery to Activated Microglia/Macrophages in Spinal Cord Injury. <i>Advanced Therapeutics</i> , 0, , 2200083.	1.6	0
1043	Peroxisome Injury in Multiple Sclerosis: Protective Effects of 4-Phenylbutyrate in CNS-Associated Macrophages. <i>Journal of Neuroscience</i> , 2022, 42, 7152-7165.	1.7	9
1044	Alpha-Momorcharin Inhibits Proinflammatory Cytokine Expression by M1 Macrophages but Not Anti-Inflammatory Cytokine Expression by M2 Macrophages. <i>Journal of Inflammation Research</i> , 0, Volume 15, 4853-4872.	1.6	2
1045	Morphologic Analysis of M2 Macrophage in Glioblastoma: Involvement of Macrophage Extracellular Traps (METs). <i>Acta Histochemica Et Cytochemica</i> , 2022, 55, 111-118.	0.8	2
1046	Microglia: Rheostats of space radiation effects in the CNS microenvironment. <i>Life Sciences in Space Research</i> , 2022, , .	1.2	0
1047	Pathology and Neuron-Glia Interactions: A Synaptocentric View. <i>Neurochemical Research</i> , 2023, 48, 1026-1046.	1.6	12
1048	Spatiotemporal dynamics of the cellular components involved in glial scar formation following spinal cord injury. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113500.	2.5	10
1049	Distribution of M1 and M2 macrophages in cerebral granulomas caused by <i>Encephalitozoon cuniculi</i> . <i>Veterinary Immunology and Immunopathology</i> , 2022, 252, 110481.	0.5	1
1050	Aminoacyl transfer ribonucleic acid synthetase complex-interacting multifunctional protein 1 induces microglial activation and M1 polarization via the mitogen-activated protein kinase/nuclear factor-kappa B signaling pathway. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	2
1051	Asiatic Acid Attenuates Inflammation Induced by Salmonella via Upregulating LncRNA TVX1 in Microglia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10978.	1.8	4
1052	(-)-Epicatechin gallate prevents inflammatory response in hypoxia-activated microglia and cerebral edema by inhibiting NF- κ B signaling. <i>Archives of Biochemistry and Biophysics</i> , 2022, 729, 109393.	1.4	6
1053	Implications of glial metabolic dysregulation in the pathophysiology of neurodegenerative diseases. <i>Neurobiology of Disease</i> , 2022, 174, 105874.	2.1	6
1054	Peripheral immune challenges elicit differential up-regulation of hippocampal cytokine and chemokine mRNA expression in a mouse model of the 15q13.3 microdeletion syndrome. <i>Cytokine</i> , 2022, 159, 156005.	1.4	0
1055	Spliceosomal GTPase Eftud2 regulates microglial activation and polarization. <i>Neural Regeneration Research</i> , 2023, 18, 856.	1.6	2

#	ARTICLE	IF	CITATIONS
1056	Endocytosis in β -amyloid biology and Alzheimer's disease. , 2022, , 111-131.		0
1057	Microglial Dynamics Modulate Vestibular Compensation in a Rodent Model of Vestibulopathy and Condition the Expression of Plasticity Mechanisms in the Deafferented Vestibular Nuclei. <i>Cells</i> , 2022, 11, 2693.	1.8	3
1058	Metabolite Profiling of the Environmental-Controlled Growth of <i>Marsilea crenata</i> Presl. and Its In Vitro and In Silico Antineuroinflammatory Properties. <i>Borneo Journal of Pharmacy</i> , 2022, 5, 209-228.	0.1	0
1059	Microglia subtypes show substrate- and time-dependent phagocytosis preferences and phenotype plasticity. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
1060	Dexamethasone-Loaded Hydrogels Improve Motor and Cognitive Functions in a Rat Mild Traumatic Brain Injury Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11153.	1.8	11
1061	The Innate and Adaptive Immune Cells in Alzheimer's and Parkinson's Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-12.	1.9	9
1062	Effects of choline containing phospholipids on the neurovascular unit: A review. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	11
1063	Extracellular Vesicles Cargo in Modulating Microglia Functional Responses. <i>Biology</i> , 2022, 11, 1426.	1.3	2
1064	Role of Glial Cell-Derived Oxidative Stress in Blood-Brain Barrier Damage after Acute Ischemic Stroke. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	1.9	11
1065	Maternal immune activation induces autism-like changes in behavior, neuroinflammatory profile and gut microbiota in mouse offspring of both sexes. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	26
1066	Targeting Persistent Neuroinflammation after Hypoxic-Ischemic Encephalopathy: Is Exendin-4 the Answer?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10191.	1.8	6
1067	<i>Daphne genkwa</i> flower extract promotes the neuroprotective effects of microglia. <i>Phytomedicine</i> , 2023, 108, 154486.	2.3	6
1069	The effect of mesenchymal stem cells and imatinib on macrophage polarization in rat model of liver fibrosis. <i>Cell Biology International</i> , 2023, 47, 135-143.	1.4	2
1070	Glial cell reactivity and oxidative stress prevention in Alzheimer's disease mice model by an optimized NMDA receptor antagonist. <i>Scientific Reports</i> , 2022, 12, .	1.6	8
1071	Beneficial effects of natural flavonoids on neuroinflammation. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	20
1072	<i>Schisandra chinensis</i> Lignans Exert Antidepressant Effects by Promoting BV2 Microglia Polarization toward the M2 Phenotype through the Activation of the Cannabinoid Receptor Type-2's Signal Transducer and Activator of Transcription 6 Pathway. <i>Journal of Agricultural and Food Chemistry</i> . 2022. 70. 14157-14169.	2.4	4
1073	Microglia and Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12990.	1.8	28
1074	Cross-Talk and Subset Control of Microglia and Associated Myeloid Cells in Neurological Disorders. <i>Cells</i> , 2022, 11, 3364.	1.8	4

#	ARTICLE	IF	CITATIONS
1075	Advancement of epigenetics in stroke. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	5
1076	Cognitive Deficits Found in a Pro-inflammatory State are Independent of ERK1/2 Signaling in the Murine Brain Hippocampus Treated with Shiga Toxin 2 from Enterohemorrhagic <i>Escherichia coli</i> . <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 2203-2217.	1.7	2
1077	A Therapeutic Nanovaccine that Generates Anti- β -Amyloid Antibodies and Amyloid- β -Specific Regulatory T Cells for Alzheimer's Disease. <i>Advanced Materials</i> , 2023, 35, .	11.1	17
1078	IGF1 gene therapy in middle-aged female rats delays reproductive senescence through its effects on hypothalamic GnRH and kisspeptin neurons. <i>Aging</i> , 2022, 14, 8615-8632.	1.4	1
1079	The role of microglial autophagy in Parkinson's disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	8
1080	Unraveling the peripheral and local role of inflammatory cytokines in glioblastoma survival. <i>Cytokine</i> , 2023, 161, 156059.	1.4	3
1081	miRNA regulation of inflammatory responses in glia and its potential as a therapeutic target in central nervous system disorders. <i>Glia</i> , 0, , .	2.5	3
1082	CNS Delivery of Nucleic Acid Therapeutics: Beyond the Blood-Brain Barrier and Towards Specific Cellular Targeting. <i>Pharmaceutical Research</i> , 2023, 40, 77-105.	1.7	9
1083	The Dialogue Between Neuroinflammation and Adult Neurogenesis: Mechanisms Involved and Alterations in Neurological Diseases. <i>Molecular Neurobiology</i> , 2023, 60, 923-959.	1.9	36
1084	Implicative role of epidermal growth factor receptor and its associated signaling partners in the pathogenesis of Alzheimer's disease. <i>Ageing Research Reviews</i> , 2023, 83, 101791.	5.0	9
1085	Mushroom Polysaccharides as Potential Candidates for Alleviating Neurodegenerative Diseases. <i>Nutrients</i> , 2022, 14, 4833.	1.7	7
1086	Astrocytes in Chronic Pain: Cellular and Molecular Mechanisms. <i>Neuroscience Bulletin</i> , 2023, 39, 425-439.	1.5	19
1087	Microglia autophagy in ischemic stroke: A double-edged sword. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	28
1088	Constitutively active microglial populations limit anorexia induced by the food contaminant deoxynivalenol. <i>Journal of Neuroinflammation</i> , 2022, 19, .	3.1	1
1089	Endocannabinoid System Biomarkers in Alzheimer's Disease. <i>Cannabis and Cannabinoid Research</i> , 0, , .	1.5	0
1090	New Insights into Microglial Mechanisms of Memory Impairment in Alzheimer's Disease. <i>Biomolecules</i> , 2022, 12, 1722.	1.8	9
1091	Sinapic Acid Attenuates the Neuroinflammatory Response by Targeting AKT and MAPK in LPS-Activated Microglial Models. <i>Biomolecules and Therapeutics</i> , 2022, , .	1.1	1
1092	Restoration of spinal cord injury: From endogenous repairing process to cellular therapy. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	3

#	ARTICLE	IF	CITATIONS
1093	Dexmedetomidine Alters the Inflammatory Profile of Rat Microglia In Vitro. <i>Neurocritical Care</i> , 2023, 38, 688-697.	1.2	4
1094	5-Fluorouracil Induces an Acute Reduction in Neurogenesis and Persistent Neuroinflammation in a Mouse Model of the Neuropsychological Complications of Chemotherapy. <i>Molecular Neurobiology</i> , 2023, 60, 1408-1424.	1.9	1
1095	Modulation of the Microglial Nogo-A/NgR Signaling Pathway as a Therapeutic Target for Multiple Sclerosis. <i>Cells</i> , 2022, 11, 3768.	1.8	4
1096	The Protective Role of Microglial PPAR α in Diabetic Retinal Neurodegeneration and Neurovascular Dysfunction. <i>Cells</i> , 2022, 11, 3869.	1.8	5
1097	CC Chemokine Receptor 4 (CCR4) as a Possible New Target for Therapy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15638.	1.8	6
1098	Glial Contributions to Lofora Disease: A Systematic Review. <i>Biomedicines</i> , 2022, 10, 3103.	1.4	0
1099	Formononetin improves cardiac function and depressive behaviours in myocardial infarction with depression by targeting GSK-3 β to regulate macrophage/microglial polarization. <i>Phytomedicine</i> , 2023, 109, 154602.	2.3	11
1100	The interrelationships between neuronal viability, synaptic integrity, microglial responses, and amyloid-beta formation in an in vitro neurotrauma model. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
1101	A steroid receptor coactivator small molecule "estimator" attenuates post-stroke ischemic brain injury. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	2
1102	Role of Zerumbone, a Phytochemical Sesquiterpenoid from <i>Zingiber zerumbet</i> Smith, in Maintaining Macrophage Polarization and Redox Homeostasis. <i>Nutrients</i> , 2022, 14, 5402.	1.7	5
1103	Milmed Yeast Alters the LPS-Induced M1 Microglia Cells to Form M2 Anti-Inflammatory Phenotype. <i>Biomedicines</i> , 2022, 10, 3116.	1.4	4
1104	Restoring myocardial infarction-induced long-term memory impairment by targeting the cystic fibrosis transmembrane regulator. <i>EBioMedicine</i> , 2022, 86, 104384.	2.7	6
1105	The Critical Roleplay of Iron Neurochemistry in Progression of Parkinson's Disease. , 2023, , 87-108.		0
1106	Role of Autophagy in HIV-1 and Drug Abuse-Mediated Neuroinflammation. <i>Viruses</i> , 2023, 15, 44.	1.5	3
1107	Autophagy in glaucoma pathogenesis: Therapeutic potential and future perspectives. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	6
1108	Brain Inflammatory Marker Abnormalities in Major Psychiatric Diseases: a Systematic Review of Postmortem Brain Studies. <i>Molecular Neurobiology</i> , 2023, 60, 2116-2134.	1.9	2
1109	Targeting Neuroinflammation to Alleviate Chronic Olfactory Dysfunction in Long COVID: A Role for Investigating Disease-Modifying Therapy (DMT)? <i>Life</i> , 2023, 13, 226.	1.1	2
1110	Knowledge domains and emerging trends of microglia research from 2002 to 2021: A bibliometric analysis and visualization study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	2

#	ARTICLE	IF	CITATIONS
1111	The P2X7 receptor contributes to seizures and inflammation-driven long-lasting brain hyperexcitability following hypoxia in neonatal mice. <i>British Journal of Pharmacology</i> , 2023, 180, 1710-1729.	2.7	10
1112	Role of α -synuclein in microglia: autophagy and phagocytosis balance neuroinflammation in Parkinson's disease. <i>Inflammation Research</i> , 2023, 72, 443-462.	1.6	15
1113	Iron Oxide Nanoparticle-Incorporated Mesenchymal Stem Cells for Alzheimer's Disease Treatment. <i>Nano Letters</i> , 2023, 23, 476-490.	4.5	7
1114	Microglial reprogramming by Hv1 antagonism protects neurons from inflammatory and glutamate toxicity. <i>Journal of Neurochemistry</i> , 2023, 165, 29-54.	2.1	4
1115	Protective effects of blocking PD-1 pathway on retinal ganglion cells in a mouse model of chronic ocular hypertension. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
1116	The GLP-1 receptor agonist exenatide ameliorates neuroinflammation, locomotor activity, and anxiety-like behavior in mice with diet-induced obesity through the modulation of microglial M2 polarization and downregulation of SR-A4. <i>International Immunopharmacology</i> , 2023, 115, 109653.	1.7	2
1117	IGF2 inhibits hippocampal over-activated microglia and alleviates depression-like behavior in LPS-treated male mice. <i>Brain Research Bulletin</i> , 2023, 194, 1-12.	1.4	4
1118	Neuronal and Glial Communication via Non-Coding RNAs: Messages in Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2023, 24, 470.	1.8	2
1119	Antigen B modulates anti-inflammatory cytokines in the EAE model of multiple sclerosis. <i>Brain and Behavior</i> , 2023, 13, .	1.0	2
1120	Mechanisms Underlying Neurodegenerative Disorders and Potential Neuroprotective Activity of Agrifood By-Products. <i>Antioxidants</i> , 2023, 12, 94.	2.2	7
1121	Total saponins of panax ginseng via the $CX3CL1/CX3CR1$ axis attenuates neuroinflammation and exerted antidepressant-like effects in chronic unpredictable mild stress in rats. <i>Phytotherapy Research</i> , 2023, 37, 1823-1838.	2.8	4
1122	A combination of umbilical cord mesenchymal stem cells and monosialotetrahexosyl ganglioside alleviates neuroinflammation in traumatic brain injury. <i>Experimental Brain Research</i> , 0, , .	0.7	0
1123	The neuroimmune axis of Alzheimer's disease. <i>Genome Medicine</i> , 2023, 15, .	3.6	59
1124	Coatings for Microneural Implants: Biological and Mechanical Considerations. , 2023, , 141-178.		0
1126	Angiotensin II and its action within the brain during hypertension. , 2023, , 375-387.		0
1127	TGF- β 2 Activated Kinase 1 (TAK1) Is Activated in Microglia After Experimental Epilepsy and Contributes to Epileptogenesis. <i>Molecular Neurobiology</i> , 2023, 60, 3413-3422.	1.9	3
1128	Inhibition of IL-6 methylation by Saikosaponin C regulates neuroinflammation to alleviate depression. <i>International Immunopharmacology</i> , 2023, 118, 110043.	1.7	8
1129	Xanthotoxol alleviates secondary brain injury after intracerebral hemorrhage by inhibiting microglia-mediated neuroinflammation and oxidative stress. <i>Neurochirurgie</i> , 2023, 69, 101426.	0.6	2

#	ARTICLE	IF	CITATIONS
1130	Discovery of blood-brain barrier permeant amine-functionalized auronones as inhibitors of activated microglia. <i>Bioorganic Chemistry</i> , 2023, 135, 106509.	2.0	0
1131	Acrylamide induces the activation of BV2 microglial cells through TLR2/4-mediated LRRK2-NFATc2 signaling cascade. <i>Food and Chemical Toxicology</i> , 2023, 176, 113775.	1.8	0
1132	Biogenic silver NPs alleviate LPS-induced neuroinflammation in a human fetal brain-derived cell line: Molecular switch to the M2 phenotype, modulation of TLR4/MyD88 and Nrf2/HO-1 signaling pathways, and molecular docking analysis. , 2023, 148, 213363.		3
1133	The role of dopamine in NLRP3 inflammasome inhibition: Implications for neurodegenerative diseases. <i>Ageing Research Reviews</i> , 2023, 87, 101907.	5.0	12
1134	GSK-3 β : An exuberating neuroinflammatory mediator in Parkinson's disease. <i>Biochemical Pharmacology</i> , 2023, 210, 115496.	2.0	8
1135	Microglial Cell Dysregulation in the Aged Brain and Neurodegeneration. , 2022, , 57-69.		0
1136	NOX2 inhibition enables retention of the circadian clock in BV2 microglia and primary macrophages. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	2
1137	Bacillus Calmette-Guérin Tokyo-172 vaccine provides age-related neuroprotection in actively induced and spontaneous experimental autoimmune encephalomyelitis models. <i>Clinical and Experimental Immunology</i> , 2023, 212, 70-80.	1.1	6
1138	The Ketogenic Diet and Neuroinflammation: The Action of Beta-Hydroxybutyrate in a Microglial Cell Line. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3102.	1.8	10
1139	Recovery of neurosurgical high-frequency electroporation injury in the canine brain can be accelerated by 7,8-dihydroxyflavone. <i>Biomedicine and Pharmacotherapy</i> , 2023, 160, 114372.	2.5	0
1140	The Role of Tryptophan Metabolism in Alzheimer's Disease. <i>Brain Sciences</i> , 2023, 13, 292.	1.1	15
1141	NADPH oxidase 4 regulate the glycolytic metabolic reprogramming of microglial cells to promote M1 polarization. <i>Journal of Biochemical and Molecular Toxicology</i> , 2023, 37, .	1.4	2
1142	Masitinib: The promising actor in the next season of the Amyotrophic Lateral Sclerosis treatment series. <i>Biomedicine and Pharmacotherapy</i> , 2023, 160, 114378.	2.5	7
1143	Anti-inflammatory Action of BT75, a Novel RAR α Agonist, in Cultured Microglia and in an Experimental Mouse Model of Alzheimer's Disease. <i>Neurochemical Research</i> , 2023, 48, 1958-1970.	1.6	4
1144	The case for complement component 5 as a target in neurodegenerative disease. <i>Expert Opinion on Therapeutic Targets</i> , 2023, 27, 97-109.	1.5	0
1145	Regional variances depict a unique glial-specific inflammatory response following closed-head injury. <i>Frontiers in Cellular Neuroscience</i> , 0, 17, .	1.8	1
1146	Licochalcone A Inhibits Prostaglandin E2 by Targeting the MAPK Pathway in LPS Activated Primary Microglia. <i>Molecules</i> , 2023, 28, 1927.	1.7	1
1147	The Yin and Yang Effect of the Apelinergic System in Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4745.	1.8	3

#	ARTICLE	IF	CITATIONS
1148	Mesenchymal stem cell therapy for neurological disorders: The light or the dark side of the force?. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 11, .	2.0	6
1149	Inhibition of Microglial GSK3 β Activity Is Common to Different Kinds of Antidepressants: A Proposal for an In Vitro Screen to Detect Novel Antidepressant Principles. <i>Biomedicines</i> , 2023, 11, 806.	1.4	7
1150	Insulin-like growth factor-1 receptor controls the function of CNS-resident macrophages and their contribution to neuroinflammation. <i>Acta Neuropathologica Communications</i> , 2023, 11, .	2.4	10
1151	Comprehensive investigation of the expression profiles of common long noncoding RNAs during microglial activation. <i>Genomics and Informatics</i> , 2023, 21, e2.	0.4	0
1152	Post-traumatic Stress Disorder: Focus on Neuroinflammation. <i>Molecular Neurobiology</i> , 2023, 60, 3963-3978.	1.9	4
1153	A β Chronic Exposure Promotes an Activation State of Microglia through Endocannabinoid Signalling Imbalance. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6684.	1.8	0
1154	Aldose reductase inhibition decelerates optic nerve degeneration by alleviating retinal microglia activation. <i>Scientific Reports</i> , 2023, 13, .	1.6	7
1156	α -Tocopherol Protects Lipopolysaccharide-Activated BV2 Microglia. <i>Molecules</i> , 2023, 28, 3340.	1.7	1
1157	Positron emission tomography imaging of neuroinflammation. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2023, , 193-257.	0.0	0
1169	Neuroprotective potential of quercetin as a nutraceutical targeting fused neuroinflammation in neurological disease. , 2023, , 623-637.		0
1174	Introduction on neuroinflammation. , 2023, , 1-8.		0
1175	Immune dysregulation and neurodegenerative diseases. , 2023, , 267-285.		0
1195	Nanowired Delivery of Cerebrolysin with Mesenchymal Stem Cells Attenuates Heat Stress-Induced Exacerbation of Neuropathology Following Brain Blast Injury. <i>Advances in Neurobiology</i> , 2023, , 231-270.	1.3	0
1238	Glial Cells Dysfunction and Chronic Pain. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 2023, , 120-144.	0.2	0
1249	Neurobiology of Neuroimmune Encephalitic Disorders. , 2023, , 1-39.		0
1270	Drug Delivery Strategies in Traumatic Brain Injury. , 2023, , 351-373.		0