Microglia and the Brain: Complementary Partners in De

Annual Review of Cell and Developmental Biology
34, 523-544
DOI: 10.1146/annurev-cellbio-100616-060509

Citation Report

#	Article	IF	Citations
1	Ultrastructural Remodeling of the Neurovascular Unit in the Female Diabetic db/db Modelâ€“Part II: Microglia and Mitochondria. Neuroglia (Basel, Switzerland), 2018, 1, 311-326.	0.3	21
2	Biphasic Impact of Prenatal Inflammation and Macrophage Depletion on the Wiring of Neocortical Inhibitory Circuits. Cell Reports, 2019, 28, 1119-1126.e4.	2.9	38
3	Microglia: Newly discovered complexity could lead to targeted therapy for neonatal white matter injury and dysmaturation. Journal of Neonatal-Perinatal Medicine, 2019, 12, 239-242.	0.4	11
4	Neuron-Glia Signaling in Synapse Elimination. Annual Review of Neuroscience, 2019, 42, 107-127.	5.0	224
5	Lactobacillus rescues postnatal neurobehavioral and microglial dysfunction in a model of maternal microbiome dysbiosis. Brain, Behavior, and Immunity, 2019, 81, 617-629.	2.0	30
6	Microglial P2Y12 Receptor Regulates Seizure-Induced Neurogenesis and Immature Neuronal Projections. Journal of Neuroscience, 2019, 39, 9453-9464.	1.7	67
7	Sex-specific associations of autism spectrum disorder with residential air pollution exposure in a large Southern California pregnancy cohort. Environmental Pollution, 2019, 254, 113010.	3.7	41
8	Microglia Regulate Pruning of Specialized Synapses in the Auditory Brainstem. Frontiers in Neural Circuits, 2019, 13, 55.	1.4	38
9	A Short Isoform of Coagulation Factor XII mRNA Is Expressed by Neurons in the Human Brain. Neuroscience, 2019, 413, 294-307.	1.1	9
10	The Roles of Intracellular Chaperone Proteins, Sigma Receptors, in Parkinsonâ€™s Disease (PD) and Major Depressive Disorder (MDD). Frontiers in Pharmacology, 2019, 10, 528.	1.6	34
11	Genetically induced brain inflammation by Cnp deletion transiently benefits from microglia depletion. FASEB Journal, 2019, 33, 8634-8647.	0.2	19
12	Developmental Apoptosis Promotes a Disease-Related Gene Signature and Independence from CSF1R Signaling in Retinal Microglia. Cell Reports, 2019, 27, 2002-2013.e5.	2.9	53
13	Sex-Dependent Effects of Perinatal Inflammation on the Brain: Implication for Neuro-Psychiatric Disorders. International Journal of Molecular Sciences, 2019, 20, 2270.	1.8	53
14	The Behavioral Sequelae of Social Defeat Require Microglia and Are Driven by Oxidative Stress in Mice. Journal of Neuroscience, 2019, 39, 5594-5605.	1.7	85
15	Functional microglia neurotransmitters in amyotrophic lateral sclerosis. Seminars in Cell and Developmental Biology, 2019, 94, 121-128.	2.3	17
16	The origins and non-canonical functions of macrophages in development and regeneration. Development (Cambridge), 2019, 146, .	1.2	98
17	Minocycline inhibits microglial activation and alleviates depressive-like behaviors in male adolescent mice subjected to maternal separation. Psychoneuroendocrinology, 2019, 107, 37-45.	1.3	76
18	Immune Signaling in Neurodegeneration. Immunity, 2019, 50, 955-974.	6.6	217

#	Article	IF	Citations
19	Essential contributions of enhancer genomic regulatory elements to microglial cell identity and functions. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2019, 11, e1449.	6.6	1
20	TRPM2 Channel in Microglia as a New Player in Neuroinflammation Associated With a Spectrum of Central Nervous System Pathologies. Frontiers in Pharmacology, 2019, 10, 239.	1.6	39
21	Glial phagocytic clearance in Parkinsonâ€™s disease. Molecular Neurodegeneration, 2019, 14, 16.	4.4	104
22	New insights on synaptic dysfunction in neuropsychiatric disorders. Current Opinion in Neurobiology, 2019, 57, 62-70.	2.0	55
23	Dysmaturation of Premature Brain: Importance, Cellular Mechanisms, and Potential Interventions. Pediatric Neurology, 2019, 95, 42-66.	1.0	202
24	Neurons and Microglia; A Sickly-Sweet Duo in Diabetic Pain Neuropathy. Frontiers in Neuroscience, 2019, 13, 25.	1.4	38
25	Myeloid Cells in Multiple Sclerosis. , 2019, , .		1
26	The Emerging Roles and Therapeutic Potential of Soluble TREM2 in Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2019, 11, 328.	1.7	34
27	Small-Molecule Lysophosphatidic Acid Receptor 5 (LPAR5) Antagonists: Versatile Pharmacological Tools to Regulate Inflammatory Signaling in BV-2 Microglia Cells. Frontiers in Cellular Neuroscience, 2019, 13, 531.	1.8	22
28	Cognitive functions associated with developing prefrontal cortex during adolescence and developmental neuropsychiatric disorders. Neurobiology of Disease, 2019, 131, 104322.	2.1	29
29	Microglia: Neuroimmune-sensors of stress. Seminars in Cell and Developmental Biology, 2019, 94, 176-185.	2.3	86
30	Targeting the cannabinoid receptor CB2 in a mouse model of l-dopa induced dyskinesia. Neurobiology of Disease, 2020, 134, 104646.	2.1	20
31	Molecular alterations contributing to brain aging. Journal of Neuroscience Research, 2020, 98, 231-233.	1.3	0
32	The role of innate immune responses and neuroinflammation in amyloid accumulation and progression of Alzheimer's disease. Immunology and Cell Biology, 2020, 98, 28-41.	1.0	231
33	Modeling neurological disease using human stem cell-derived microglia-like cells transplanted into rodent brains. Lab Animal, 2020, 49, 49-51.	0.2	3
34	TREM2 Regulates Microglial Cholesterol Metabolism upon Chronic Phagocytic Challenge. Neuron, 2020, 105, 837-854.e9.	3.8	391
35	The influence of environment and origin on brain resident macrophages and implications for therapy. Nature Neuroscience, 2020, 23, 157-166.	7.1	74
36	Emerging Roles for Microglial Phagocytic Signaling in Epilepsy. Epilepsy Currents, 2020, 20, 33-38.	0.4	31

#	Article	IF	Citations
37	Interleukin 4 Affects Epilepsy by Regulating Glial Cells: Potential and Possible Mechanism. Frontiers in Molecular Neuroscience, 2020, 13, 554547.	1.4	5
38	Microglial ontogeny, diversity and neurodevelopmental functions. Current Opinion in Genetics and Development, 2020, 65, 186-194.	1.5	30
39	Distinct non-inflammatory signature of microglia in post-mortem brain tissue of patients with major depressive disorder. Molecular Psychiatry, 2021, 26, 3336-3349.	4.1	40
40	A Developmental Analysis of Juxtavascular Microglia Dynamics and Interactions with the Vasculature. Journal of Neuroscience, 2020, 40, 6503-6521.	1.7	82
41	Structural LTP: from synaptogenesis to regulated synapse enlargement and clustering. Current Opinion in Neurobiology, 2020, 63, 189-197.	2.0	45
42	The NLRP3 inflammasome inhibitor OLT1177 rescues cognitive impairment in a mouse model of Alzheimerâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 32145-32154.	3.3	150
43	To Kill a Microglia: A Case for CSF1R Inhibitors. Trends in Immunology, 2020, 41, 771-784.	2.9	120
44	Management of Post-hemorrhagic Ventricular Dilatation in the InfantÂBornÂPreterm. Journal of Pediatrics, 2020, 226, 16-27.e3.	0.9	43
45	Structural and Functional Remodeling of the Brain Vasculature Following Stroke. Frontiers in Physiology, 2020, 11, 948.	1.3	40
46	Antiviral Immune Response in Alzheimerâ€™s Disease: Connecting the Dots. Frontiers in Neuroscience, 2020, 14, 577744.	1.4	1
47	Gene expression and functional deficits underlie TREM2-knockout microglia responses in human models of Alzheimerâ€™s disease. Nature Communications, 2020, 11, 5370.	5.8	160
48	Reduced apparent fiber density in the white matter of premature-born adults. Scientific Reports, 2020, 10, 17214.	1.6	12
49	Microglial mTOR is Neuronal Protective and Antiepileptogenic in the Pilocarpine Model of Temporal Lobe Epilepsy. Journal of Neuroscience, 2020, 40, 7593-7608.	1.7	36
50	Intramuscular injection of vectorized-scFvMC1 reduces pathological tau in two different tau transgenic models. Acta Neuropathologica Communications, 2020, 8, 126.	2.4	5
51	The Inflamed Brain in Schizophrenia: The Convergence of Genetic and Environmental Risk Factors That Lead to Uncontrolled Neuroinflammation. Frontiers in Cellular Neuroscience, 2020, 14, 274.	1.8	114
52	Pathophysiology of Bloodâ€“Brain Barrier Permeability Throughout the Different Stages of Ischemic Stroke and Its Implication on Hemorrhagic Transformation and Recovery. Frontiers in Neurology, 2020, 11, 594672.	1.1	192
53	Brain Iron Accumulation and the Formation of Calcifications After Developmental Zika Virus Infection. Journal of Neuropathology and Experimental Neurology, 2020, 79, 767-776.	0.9	4
54	The contribution of glial cells to Huntington's disease pathogenesis. Neurobiology of Disease, 2020, 143, 104963.	2.1	56

#	Article	IF	Citations
55	The Sociobiology of Brain Tumors. Advances in Experimental Medicine and Biology, 2020, 1225, 115-125.	0.8	4
56	Tumor Microenvironment. Advances in Experimental Medicine and Biology, 2020, , .	0.8	1
57	Astrocytes and Microglia: In Sickness and in Health. Trends in Neurosciences, 2020, 43, 144-154.	4.2	279
58	Intellectual and Developmental Disabilities Research Centers: A Multidisciplinary Approach to Understand the Pathogenesis of Methyl-CpG Binding Protein 2-related Disorders. Neuroscience, 2020, 445, 190-206.	1.1	11
59	AIM2 inflammasome surveillance of DNA damage shapes neurodevelopment. Nature, 2020, 580, 647-652.	13.7	130
60	Genetic defects in the sphingolipid degradation pathway and their effects on microglia in neurodegenerative disease. Cellular Signalling, 2021, 78, 109879.	1.7	16
61	Glia as sculptors of synaptic plasticity. Neuroscience Research, 2021, 167, 17-29.	1.0	85
62	The impact of trophic and immunomodulatory factors on oligodendrocyte maturation: Potential treatments for encephalopathy of prematurity. Glia, 2021, 69, 1311-1340.	2.5	10
63	Maternal obesity and developmental programming of neuropsychiatric disorders: An inflammatory hypothesis. Brain and Neuroscience Advances, 2021, 5, 239821282110034.	1.8	18
64	Building the brain from scratch: Engineering region-specific brain organoids from human stem cells to study neural development and disease. Current Topics in Developmental Biology, 2021, 142, 477-530.	1.0	15
65	Innate immunity at the crossroads of healthy brain maturation and neurodevelopmental disorders. Nature Reviews Immunology, 2021, 21, 454-468.	10.6	127
66	Features of white matter development in very preterm children from infancy to late childhood. , 2021, , 335-345.		2
67	Mechanism and therapeutic strategies of depression after myocardial infarction. Psychopharmacology, 2021, 238, 1401-1415.	1.5	8
68	High-Intensity Exercise Training Protects the Brain Against Autoimmune Neuroinflammation: Regulation of Microglial Redox and Pro-inflammatory Functions. Frontiers in Cellular Neuroscience, 2021, 15, 640724.	1.8	22
69	Two macrophages, osteoclasts and microglia: from development to pleiotropy. Bone Research, 2021, 9, 11.	5.4	22
70	TAMEP are brain tumor parenchymal cells controlling neoplastic angiogenesis and progression. Cell Systems, 2021, 12, 248-262.e7.	2.9	7
71	Hippocampal neurons isolated from rats subjected to the valproic acid model mimic in vivo synaptic pattern: evidence of neuronal priming during early development in autism spectrum disorders. Molecular Autism, 2021, 12, 23.	2.6	8
72	The effect of aged microglia on synaptic impairment and its relevance in neurodegenerative diseases. Neurochemistry International, 2021, 144, 104982.	1.9	19

#	Article	IF	Citations
73	Physiology of Cultured Human Microglia Maintained in a Defined Culture Medium. ImmunoHorizons, 2021, 5, 257-272.	0.8	6
75	Neuroinflammatory In Vitro Cell Culture Models and the Potential Applications for Neurological Disorders. Frontiers in Pharmacology, 2021, 12, 671734.	1.6	35
76	Loss of microglial SIRPÎ± promotes synaptic pruning in preclinical models of neurodegeneration. Nature Communications, 2021, 12, 2030.	5.8	64
77	Whether Erythropoietin can be a Neuroprotective Agent against Premature Brain Injury: Cellular Mechanisms and Clinical Efficacy. Current Neuropharmacology, 2022, 20, 611-629.	1.4	3
78	Alzheimerâ€™s Disease Genetics: A Dampened Microglial Response?. Neuroscientist, 2023, 29, 245-263.	2.6	11
79	NLRP3 and Infections: Î²-Amyloid in Inflammasome beyond Neurodegeneration. International Journal of Molecular Sciences, 2021, 22, 6984.	1.8	21
80	Microglia activation in postmortem brains with schizophrenia demonstrates distinct morphological changes between brain regions. Brain Pathology, 2022, 32, e13003.	2.1	49
81	Possible Link between SARS-CoV-2 Infection and Parkinsonâ€™s Disease: The Role of Toll-Like Receptor 4. International Journal of Molecular Sciences, 2021, 22, 7135.	1.8	23
83	Novel Scalable and Simplified System to Generate Microglia-Containing Cerebral Organoids From Human Induced Pluripotent Stem Cells. Frontiers in Cellular Neuroscience, 2021, 15, 682272.	1.8	23
84	Exploiting dynamic enhancer landscapes to decode macrophage and microglia phenotypes in health and disease. Molecular Cell, 2021, 81, 3888-3903.	4.5	29
85	Role and characteristics of hippocampal region microglial activation in poststroke depression. Journal of Affective Disorders, 2021, 291, 270-278.	2.0	5
86	Electric neurostimulation regulates microglial activation via retinoic acid receptor Î± signaling. Brain, Behavior, and Immunity, 2021, 96, 40-53.	2.0	18
87	A Subpopulation of Microglia Generated in the Adult Mouse Brain Originates from Prominin-1-Expressing Progenitors. Journal of Neuroscience, 2021, 41, 7942-7953.	1.7	4
88	Glial PAMPering and DAMPening of Adult Hippocampal Neurogenesis. Brain Sciences, 2021, 11, 1299.	1.1	3
89	Microglia-neuron interaction at nodes of Ranvier depends on neuronal activity through potassium release and contributes to remyelination. Nature Communications, 2021, 12, 5219.	5.8	49
90	Primed for addiction: A critical review of the role of microglia in the neurodevelopmental consequences of adolescent alcohol drinking. Alcoholism: Clinical and Experimental Research, 2021, 45, 1908-1926.	1.4	16
91	Emerging roles for microglia and microbiota in the development of social circuits. Brain, Behavior, & Immunity - Health, 2021, 16, 100296.	1.3	5
92	Examining the impact of neuroimmune dysregulation on social behavior of male and female juvenile rats. Behavioural Brain Research, 2021, 415, 113449.	1.2	6

#	Article	IF	Citations
93	â€˜A picture is worth a thousand wordsâ€™: The use of microscopy for imaging neuroinflammation. Clinical and Experimental Immunology, 2021, 206, 325-345.	1.1	4
94	Microglia influence host defense, disease, and repair following murine coronavirus infection of the central nervous system. Glia, 2020, 68, 2345-2360.	2.5	49
100	Electroconvulsive stimulation attenuates chronic neuroinflammation. JCI Insight, 2020, 5, .	2.3	21
101	Type I interferon response drives neuroinflammation and synapse loss in Alzheimer disease. Journal of Clinical Investigation, 2020, 130, 1912-1930.	3.9	268
102	Inflammation Induced by Natural Neuronal Death and LPS Regulates Neural Progenitor Cell Proliferation in the Healthy Adult Brain. ENeuro, 2020, 7, ENEURO.0023-20.2020.	0.9	5
103	More Than Mortar: Glia as Architects of Nervous System Development and Disease. Frontiers in Cell and Developmental Biology, 2020, 8, 611269.	1.8	33
104	Neutrophils promote CXCR3-dependent itch in the development of atopic dermatitis. ELife, 2019, 8, .	2.8	99
105	Microglial depletion disrupts normal functional development of adult-born neurons in the olfactory bulb. ELife, 2020, 9, .	2.8	35
106	Phagocytic glia are obligatory intermediates in transmission of mutant huntingtin aggregates across neuronal synapses. ELife, 2020, 9, .	2.8	24
107	Regulatory T-cells inhibit microglia-induced pain hypersensitivity in female mice. ELife, 2021, 10, .	2.8	41
109	Identification of aÂUnique Subretinal Microglia Type in Retinal Degeneration Using Single Cell RNA-Seq. Advances in Experimental Medicine and Biology, 2019, 1185, 181-186.	0.8	7
115	Contribution of Age, Brain Region, Mood Disorder Pathology, and Interindividual Factors on the Methylome of Human Microglia. Biological Psychiatry, 2022, 91, 572-581.	0.7	12
116	Complement and microglia dependent synapse elimination in brain development. WIREs Mechanisms of Disease, 2022, 14, e1545.	1.5	12
117	C1q and <scp>SRPX2</scp> regulate microglia mediated synapse elimination during early development in the visual thalamus but not the visual cortex. Glia, 2022, 70, 451-465.	2.5	18
118	Microglial Correlates of Late Life Physical Activity: Relationship with Synaptic and Cognitive Aging in Older Adults. Journal of Neuroscience, 2022, 42, 288-298.	1.7	18
119	Disruption of the IL-33-ST2-AKT signaling axis impairs neurodevelopment by inhibiting microglial metabolic adaptation and phagocytic function. Immunity, 2022, 55, 159-173.e9.	6.6	52
120	Influences of Glaucoma on the Structure and Function of Synapses in the Visual System. Antioxidants and Redox Signaling, 2022, 37, 842-861.	2.5	1
121	Clearance Systems in the Brain, From Structure to Function. Frontiers in Cellular Neuroscience, 2021, 15, 729706.	1.8	8

#	Article	IF	Citations
122	Evidence of susceptibility to autism risks associated with early life ambient air pollution: A systematic review. Environmental Research, 2022, 208, 112590.	3.7	16
123	Structural and Functional Plasticity in the Dorsolateral Geniculate Nucleus of Mice following Bilateral Enucleation. Neuroscience, 2022, 488, 44-59.	1.1	6
124	Expression and regulatory network of long noncoding RNA in rats after spinal cord hemisection injury. Neural Regeneration Research, 2022, 17, 2300.	1.6	5
125	Microglia Activation in the Midbrain of the Human Neonate: The Effect of Perinatal Hypoxic-Ischemic Injury. Journal of Neuropathology and Experimental Neurology, 2022, 81, 208-224.	0.9	2
129	Anomalous Levels of CD47/Signal Regulatory Protein Alpha in the Hippocampus Lead to Excess Microglial Engulfment in Mouse Model of Perioperative Neurocognitive Disorders. Frontiers in Neuroscience, 2022, 16, 788675.	1.4	6
130	Structural analysis of the microgliaâ€“interneuron interactions in the CA1 hippocampal area of the APP/PS1 mouse model of Alzheimer's disease. Journal of Comparative Neurology, 2022, 530, 1423-1437.	0.9	4
131	TUBE Project: Transport-Derived Ultrafines and the Brain Effects. International Journal of Environmental Research and Public Health, 2022, 19, 311.	1.2	1
132	Step by step: cells with multiple functions in cortical circuit assembly. Nature Reviews Neuroscience, 2022, 23, 395-410.	4.9	14
133	Both heat-sensitive TRPV4 and cold-sensitive TRPM8 ion channels regulate microglial activity. Biochemical and Biophysical Research Communications, 2022, 611, 132-139.	1.0	9
135	White Matter Injury in Preterm Infants: Pathogenesis and Potential Therapy From the Aspect of the Gutâ€“Brain Axis. Frontiers in Neuroscience, 2022, 16, 849372.	1.4	7
136	The aging immune system in Alzheimerâ€™s and Parkinsonâ€™s diseases. Seminars in Immunopathology, 2022, 44, 649-657.	2.8	13
137	The zinc finger transcription factor Sall1 is required for the early developmental transition of microglia in mouse embryos. Glia, 2022, 70, 1720-1733.	2.5	4
138	Peripheral NOD-like receptor deficient inflammatory macrophages trigger neutrophil infiltration into the brain disrupting daytime locomotion. Communications Biology, 2022, 5, 464.	2.0	2
140	Microglial amyloid beta clearance is driven by PIEZO1 channels. Journal of Neuroinflammation, 2022, 19, .	3.1	45
141	Differential effects of lipopolysaccharide on cognition, corticosterone and cytokines in socially-housed vs isolated male rats. Behavioural Brain Research, 2022, 433, 114000.	1.2	1
142	Quantitative Bioimaging of Microglial Response to Brain-Targeted Treatment Using Deep Learning Based Morphometry. Microscopy and Microanalysis, 2022, 28, 1422-1423.	0.2	0
143	Sex-specific effects of microglial activation on Alzheimerâ€™s disease proteinopathy in older adults. Brain, 2022, 145, 3536-3545.	3.7	20
145	Single-cell RNA and protein profiling of immune cells from the mouse brain and its border tissues. Nature Protocols, 2022, 17, 2354-2388.	5.5	13

#	Article	IF	Citations
146	Molecular mechanisms of synaptogenesis. Frontiers in Synaptic Neuroscience, 0, 14, .	1.3	11
147	The immune cell profile of the developing rat brain. Brain, Behavior, and Immunity, 2022, 106, 198-226.	2.0	2
148	Redefining microglia states: Lessons and limits of human and mouse models to study microglia states in neurodegenerative diseases. Seminars in Immunology, 2022, 60, 101651.	2.7	7
152	Cornel Iridoid Glycoside Alleviates Microglia-Mediated Inflammatory Response via the NLRP3/Calpain Pathway. Journal of Agricultural and Food Chemistry, 2022, 70, 11967-11980.	2.4	5
153	Roles of Siglecs in neurodegenerative diseases. Molecular Aspects of Medicine, 2023, 90, 101141.	2.7	7
154	CSF1R-Mediated Myeloid Cell Depletion Prolongs Lifespan But Aggravates Distinct Motor Symptoms in a Model of Multiple System Atrophy. Journal of Neuroscience, 2022, 42, 7673-7688.	1.7	2
155	Towards a definition of microglia heterogeneity. Communications Biology, 2022, 5, .	2.0	9
156	Multi-Omic analyses characterize the ceramide/sphingomyelin pathway as a therapeutic target in Alzheimerâ€™s disease. Communications Biology, 2022, 5, .	2.0	21
158	Immunosenescence and Aging: Neuroinflammation Is a Prominent Feature of Alzheimerâ€™s Disease and Is a Likely Contributor to Neurodegenerative Disease Pathogenesis. Journal of Personalized Medicine, 2022, 12, 1817.	1.1	7
159	Prevention of microgliosis halts early memory loss in a mouse model of Alzheimerâ€™s disease. Brain, Behavior, and Immunity, 2023, 107, 225-241.	2.0	8
160	Brain organoids. , 2023, , 121-151.		2
161	Microglial cells: Sensors for neuronal activity and microbiota-derived molecules. Frontiers in Immunology, 0, 13, .	2.2	6
162	Neurodevelopmental disordersâ€”high-resolution rethinking of disease modeling. Molecular Psychiatry, 2023, 28, 34-43.	4.1	9
163	The effects of microglia on tauopathy progression can be quantified using Nexopathy in silico (Nexis) models. Scientific Reports, 2022, 12, .	1.6	5
164	Molecular and spatial signatures of mouse brain aging at single-cell resolution. Cell, 2023, 186, 194-208.e18.	13.5	79
165	Microglia Maintain Homeostatic Conditions in the Developing Rostral Migratory Stream. ENeuro, 2023, 10, ENEURO.0197-22.2023.	0.9	1
166	Opportunities and limitations for studying neuropsychiatric disorders using patient-derived induced pluripotent stem cells. Molecular Psychiatry, 2023, 28, 1430-1439.	4.1	5
167	Possible Implications of Obesity-Primed Microglia that Could Contribute to Stroke-Associated Damage. Cellular and Molecular Neurobiology, 0, , .	1.7	1

#	Article	IF	Citations
168	Multifaceted microglia during brain development: Models and tools. Frontiers in Neuroscience, 0, 17, .	1.4	3
169	Glia Signaling and Brain Microenvironment in Migraine. Molecular Neurobiology, 2023, 60, 3911-3934.	1.9	4
170	Optogenetic stimulation of mouse Hoxb8 microglia in specific regions of the brain induces anxiety, grooming, or both. Molecular Psychiatry, 0, , .	4.1	6
171	Transcranial Magneto-Acoustic Stimulation Attenuates Synaptic Plasticity Impairment through the Activation of Piezo1 in Alzheimerâ€™s Disease Mouse Model. Research, 2023, 6, .	2.8	3
180	Encephalopathy of Prematurity: Invisible Cause of Cognitive and Behavioral Disorders. Human Physiology, 2023, 49, 316-322.	0.1	0
193	Human neuronal maturation comes of age: cellular mechanisms and species differences. Nature Reviews Neuroscience, 2024, 25, 7-29.	4.9	3
211	A current review on P2X7 receptor antagonist patents in the treatment of neuroinflammatory disorders: a patent review on antagonists. Naunyn-Schmiedeberg's Archives of Pharmacology, 0, , .	1.4	1