

CITATION REPORT

List of articles citing

Microglial priming in neurodegenerative disease

DOI: 10.1038/nrneurol.2014.38

Nature Reviews Neurology, 2014, 10, 217-24.

Source: <https://exaly.com/paper-pdf/58814382/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
756	Microglia Properties?. 2014,		
755	Stimulation of the $\alpha 7$ nicotinic acetylcholine receptor protects against neuroinflammation after tibia fracture and endotoxemia in mice. 2015, 20, 667-75		55
754	Water for thought: is there a role for aquaporin channels in delirium?. 2014, 5, 57		7
753	Microglial activation occurs in the absence of anxiety-like behavior following microembolic stroke in female, but not male, rats. 2014, 11, 174		16
752	Contribution of sodium channels to lamellipodial protrusion and Rac1 and ERK1/2 activation in ATP-stimulated microglia. 2014, 62, 2080-95		24
751	Neuroinflammation: modulating mighty microglia. 2014, 10, 988-9		22
750	Maternal immune activation and abnormal brain development across CNS disorders. <i>Nature Reviews Neurology</i> , 2014, 10, 643-60	15	488
749	Microglial phenotypes and toll-like receptor 2 in the substantia nigra and hippocampus of incidental Lewy body disease cases and Parkinson's disease patients. <i>Acta Neuropathologica Communications</i> , 2014, 2, 90	7.3	108
748	Demyelination during multiple sclerosis is associated with combined activation of microglia/macrophages by IFN- γ and alpha B-crystallin. 2014, 128, 215-29		54
747	Social disruption alters pain and cognition in an animal model of multiple sclerosis. 2015, 288, 56-68		4
746	Enhanced microglial pro-inflammatory response to lipopolysaccharide correlates with brain infiltration and blood-brain barrier dysregulation in a mouse model of telomere shortening. 2015, 14, 1003-13		40
745	Resolution of Inflammation in the Lesioned Central Nervous System. 2015, 265-279		
744	Active immunization against complement factor C5a: a new therapeutic approach for Alzheimer's disease. 2015, 12, 150		25
743	Physiologically normal 5% O ₂ supports neuronal differentiation and resistance to inflammatory injury in neural stem cell cultures. 2015, 93, 1703-12		12
742	Vaccine-induced A β -specific CD8 ⁺ T cells do not trigger autoimmune neuroinflammation in a murine model of Alzheimer's disease. 2015, 12, 95		8
741	Ligand engagement of Toll-like receptors regulates their expression in cortical microglia and astrocytes. 2015, 12, 244		64
740	Induction of a common microglia gene expression signature by aging and neurodegenerative conditions: a co-expression meta-analysis. <i>Acta Neuropathologica Communications</i> , 2015, 3, 31	7.3	333

739	Chronic Intermittent Hypoxia Induces Chronic Low-Grade Neuroinflammation in the Dorsal Hippocampus of Mice. 2015 , 38, 1537-46		48
738	Targeting p38 Mitogen-activated Protein Kinase to Reduce the Impact of Neonatal Microglial Priming on Incision-induced Hyperalgesia in the Adult Rat. 2015 , 122, 1377-90		22
737	Anti-Neuroinflammatory Effect of MC13, a Novel Coumarin Compound From Condiment Murraya, Through Inhibiting Lipopolysaccharide-Induced TRAF6-TAK1-NF- κ B, P38/ERK MAPKS and Jak2-Stat1/Stat3 Pathways. 2015 , 116, 1286-99		27
736	. 2015 ,		1
735	Myeloid Dendritic Cells are Potential Players in Human Neurodegenerative Diseases. 2015 , 6, 632		27
734	Immune aging, dysmetabolism, and inflammation in neurological diseases. <i>Frontiers in Neuroscience</i> , 2015 , 9, 172	5.1	150
733	N-3 polyunsaturated fatty acid and neuroinflammation in aging and Alzheimer's disease. 2015 , 3, 33-47		10
732	Network Comparison of Inflammation in Colorectal Cancer and Alzheimer's Disease. 2015 , 2015, 205247		2
731	Inflammation, Iron, Energy Failure, and Oxidative Stress in the Pathogenesis of Multiple Sclerosis. 2015 , 2015, 725370		75
730	Microglia-Induced Maladaptive Plasticity Can Be Modulated by Neuropeptides In Vivo. 2015 , 2015, 135342		8
729	Pentoxifylline Neuroprotective Effects Are Possibly Related to Its Anti-Inflammatory and TNF-Alpha Inhibitory Properties, in the 6-OHDA Model of Parkinson's Disease. 2015 , 2015, 108179		12
728	N-Palmitoylethanolamine and Neuroinflammation: a Novel Therapeutic Strategy of Resolution. 2015 , 52, 1034-42		80
727	Biomarkers of Cardiometabolic Risk, Inflammation and Disease. 2015 ,		2
726	Post-mortem analysis of neuroinflammatory changes in human Alzheimer's disease. 2015 , 7, 42		56
725	Oxidative and nitrate stress in neurodegeneration. 2015 , 84, 4-21		142
724	Etanercept in Alzheimer disease: A randomized, placebo-controlled, double-blind, phase 2 trial. 2015 , 84, 2161-8		147
723	Hippocampal structure and function are maintained despite severe innate peripheral inflammation. 2015 , 49, 156-70		15
722	Immune dysregulation and cognitive vulnerability in the aging brain: Interactions of microglia, IL-1 β /BDNF and synaptic plasticity. 2015 , 96, 11-8		154

721	Mechanisms of molecular mimicry involving the microbiota in neurodegeneration. 2015 , 45, 349-62	187
720	CXCL10 triggers early microglial activation in the cuprizone model. 2015 , 194, 3400-13	73
719	Reversible redox modifications in the microglial proteome challenged by beta amyloid. 2015 , 11, 1584-93	12
718	Inhibition of JAK2 attenuates the increase in inflammatory markers in microglia from APP/PS1 mice. 2015 , 36, 2716-24	15
717	A genetic cause of Alzheimer disease: mechanistic insights from Down syndrome. 2015 , 16, 564-74	301
716	Anti-inflammatory effects of glaucocalyxin B in microglia cells. 2015 , 128, 35-46	38
715	Closed head injury in an age-related Alzheimer mouse model leads to an altered neuroinflammatory response and persistent cognitive impairment. 2015 , 35, 6554-69	57
714	Microglia in action: how aging and injury can change the brain's guardians. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 54	6.1 57
713	Transcriptional programming of human macrophages: on the way to systems immunology. 2015 , 93, 589-97	12
712	Microglia in Glia-Neuron Co-cultures Exhibit Robust Phagocytic Activity Without Concomitant Inflammation or Cytotoxicity. 2015 , 35, 961-75	4
711	The many roads to mitochondrial dysfunction in neuroimmune and neuropsychiatric disorders. 2015 , 13, 68	148
710	Co-morbidity and systemic inflammation as drivers of cognitive decline: new experimental models adopting a broader paradigm in dementia research. 2015 , 7, 33	111
709	Masitinib for the treatment of mild to moderate Alzheimer's disease. 2015 , 15, 587-96	42
708	Immune attack: the role of inflammation in Alzheimer disease. 2015 , 16, 358-72	1216
707	Activation status of human microglia is dependent on lesion formation stage and remyelination in multiple sclerosis. 2015 , 74, 48-63	109
706	Microbiota regulation of the Mammalian gut-brain axis. 2015 , 91, 1-62	159
705	A transcriptional perspective on human macrophage biology. <i>Seminars in Immunology</i> , 2015 , 27, 44-50	10.7 27
704	Identification of a chronic non-neurodegenerative microglia activation state in a mouse model of peroxisomal Ebxidation deficiency. 2015 , 63, 1606-20	34

703	[11C]PBR28 PET imaging is sensitive to neuroinflammation in the aged rat. 2015 , 35, 1331-8		21
702	The non-peptide GLP-1 receptor agonist WB4-24 blocks inflammatory nociception by stimulating β -endorphin release from spinal microglia. 2015 , 172, 64-79		47
701	Neuroinflammation in Lewy body dementia. 2015 , 21, 1398-406		50
700	Synapse-specific IL-1 receptor subunit reconfiguration augments vulnerability to IL-1 β in the aged hippocampus. 2015 , 112, E5078-87		76
699	Role of orexin A signaling in dietary palmitic acid-activated microglial cells. 2015 , 606, 140-4		42
698	How microglia kill neurons. 2015 , 1628, 288-297		173
697	Toll-like receptors 2, -3 and -4 prime microglia but not astrocytes across central nervous system regions for ATP-dependent interleukin-1 β release. <i>Scientific Reports</i> , 2014 , 4, 6824	4.9	80
696	Endothelial cells and human cerebral small vessel disease. 2015 , 25, 44-50		59
695	Microglial dynamics and role in the healthy and diseased brain: a paradigm of functional plasticity. 2015 , 21, 169-84		199
694	ABCA7 in Alzheimer's Disease. 2015 , 51, 1008-16		23
693	Thinking outside the brain for cognitive improvement: Is peripheral immunomodulation on the way?. 2015 , 96, 94-104		21
692	High-Sodium Diet Has Opposing Effects on Mean Arterial Blood Pressure and Cerebral Perfusion in a Transgenic Mouse Model of Alzheimer's Disease. 2016 , 54, 1061-1072		3
691	Comparative Analysis of Protein Tyrosine Phosphatases Regulating Microglial Activation. 2016 , 25, 252-261		9
690	Targeting neuroinflammation in Alzheimer's disease. 2016 , 9, 199-208		144
689	Myeloid Extracellular Vesicles: Messengers from the Demented Brain. 2016 , 7, 17		20
688	The Enemy within: Innate Surveillance-Mediated Cell Death, the Common Mechanism of Neurodegenerative Disease. <i>Frontiers in Neuroscience</i> , 2016 , 10, 193	5.1	25
687	Prior Binge Ethanol Exposure Potentiates the Microglial Response in a Model of Alcohol-Induced Neurodegeneration. 2016 , 6,		57
686	Neuroinflammation in Movement Disorders. 2016 , 24, 771-782		2

685	High-fat diet-induced brain region-specific phenotypic spectrum of CNS resident microglia. 2016 , 132, 361-75		118
684	Amine-modified poly(vinyl alcohol) as a novel surfactant to modulate size and surface charge of poly(lactide-co-glycolide) nanoparticles. 2016 , 65, 792-797		2
683	Tollip, an early regulator of the acute inflammatory response in the substantia nigra. 2016 , 13, 303		21
682	Interference with Protease-activated Receptor 1 Alleviates Neuronal Cell Death Induced by Lipopolysaccharide-Stimulated Microglial Cells through the PI3K/Akt Pathway. <i>Scientific Reports</i> , 2016 , 6, 38247	4.9	10
681	Alcohol and Alzheimer's Disease-Does Alcohol Dependence Contribute to Beta-Amyloid Deposition, Neuroinflammation and Neurodegeneration in Alzheimer's Disease?. 2017 , 52, 151-158		34
680	Microglia retard dengue virus-induced acute viral encephalitis. <i>Scientific Reports</i> , 2016 , 6, 27670	4.9	43
679	Magnetic Resonance Spectroscopy discriminates the response to microglial stimulation of wild type and Alzheimer's disease models. <i>Scientific Reports</i> , 2016 , 6, 19880	4.9	22
678	Microglia. 2016 , 4,		16
677	The Chemokine CCL2 Mediates the Seizure-enhancing Effects of Systemic Inflammation. 2016 , 36, 3777-88		63
676	Traumatic Axonal Injury: Mechanisms and Translational Opportunities. 2016 , 39, 311-324		160
675	Estrogens, Neuroinflammation, and Neurodegeneration. 2016 , 37, 372-402		173
674	Glial cell morphological and density changes through the lifespan of rhesus macaques. 2016 , 55, 60-69		47
673	Fluoride, aluminum, and aluminofluoride complexes in pathogenesis of the autism spectrum disorders: A possible role of immunoexcitotoxicity. 2016 , 14, 171-176		6
672	Therapeutic potential of human amniotic membrane-derived mesenchymal stem cells in APP transgenic mice. 2016 , 12, 1877-1883		23
671	Deferoxamine pre-treatment protects against postoperative cognitive dysfunction of aged rats by depressing microglial activation via ameliorating iron accumulation in hippocampus. 2016 , 111, 180-194		26
670	Microglial response to LPS increases in wild-type mice during aging but diminishes in an Alzheimer's mouse model: Implication of TLR4 signaling in disease progression. 2016 , 479, 331-337		53
669	Connecting Malfunctioning Glial Cells and Brain Degenerative Disorders. 2016 , 14, 155-165		18
668	Microglia Function in the Normal Brain. 2016 , 949, 67-92		22

667	Microglia and Monocyte-Derived Macrophages in Stroke. 2016 , 13, 702-718	70
666	Physiological and pathophysiological functions of Swiprosin-1/EFhd2 in the nervous system. 2016 , 473, 2429-37	13
665	Serum immune markers and disease progression in an incident Parkinson's disease cohort (ICICLE-PD). 2016 , 31, 995-1003	119
664	Microglia communication: Parallels between aging and Alzheimer's disease. 2016 , 7, 114-125	50
663	Immunomodulation - a disease-modifying avenue for treatment of Huntington's disease?. 2016 , 137, 670-2	2
662	Targeting innate immunity for neurodegenerative disorders of the central nervous system. 2016 , 138, 653-93	87
661	Dimethyl fumarate alters microglia phenotype and protects neurons against proinflammatory toxic microenvironments. 2016 , 299, 35-44	32
660	Senkyunolide I attenuates oxygen-glucose deprivation/reoxygenation-induced inflammation in microglial cells. 2016 , 1649, 123-131	19
659	The effect of abscisic acid chronic treatment on neuroinflammatory markers and memory in a rat model of high-fat diet induced neuroinflammation. 2016 , 13, 73	27
658	Neurovascular Protective Function of Endothelial Nitric Oxide - Recent Advances. 2016 , 80, 1499-503	34
657	Inflammatory responses to alcohol in the CNS: nuclear receptors as potential therapeutics for alcohol-induced neuropathologies. 2016 , 100, 951-959	41
656	Transcriptome sequencing reveals that LPS-triggered transcriptional responses in established microglia BV2 cell lines are poorly representative of primary microglia. 2016 , 13, 182	68
655	Microglia as a Surrogate Biosensor to Determine Nanoparticle Neurotoxicity. 2016 ,	6
654	Telomere shortening leads to an acceleration of synucleinopathy and impaired microglia response in a genetic mouse model. <i>Acta Neuropathologica Communications</i> , 2016 , 4, 87	7-3 28
653	Mitochondrial Dysfunction in Neurodegenerative Disorders. 2016 ,	2
652	Characterization of a novel adult murine immortalized microglial cell line and its activation by amyloid-beta. 2016 , 13, 21	30
651	Epilepsy, Seizures, and Inflammation: Role of the C-C Motif Ligand 2 Chemokine. 2016 , 35, 257-60	27
650	Transient Receptor Potential Channels in Microglia: Roles in Physiology and Disease. 2016 , 30, 467-78	19

649	Identification and modification of amyloid-independent phenotypes of APOE4 mice. 2016 , 280, 97-105	15
648	Dietary phytochemicals and neuro-inflammaging: from mechanistic insights to translational challenges. 2016 , 13, 16	67
647	An integrative genome-wide transcriptome reveals that candesartan is neuroprotective and a candidate therapeutic for Alzheimer's disease. 2016 , 8, 5	27
646	Mitochondrial Signaling and Neurodegeneration. 2016 , 107-137	3
645	Immunosenescence of microglia and macrophages: impact on the ageing central nervous system. 2016 , 139, 653-61	143
644	Estrogens, inflammation and cognition. 2016 , 40, 87-100	84
643	Quantitative Proteomic Approaches for Analysis of Protein S-Nitrosylation. 2016 , 15, 1-14	11
642	Central nervous system myeloid cells as drug targets: current status and translational challenges. 2016 , 15, 110-24	79
641	Metal ions potentiate microglia responsiveness to endotoxin. 2016 , 291, 89-95	2
640	Microglial Physiology and Pathophysiology: Insights from Genome-wide Transcriptional Profiling. 2016 , 44, 505-515	200
639	Next generation transcriptomics and genomics elucidate biological complexity of microglia in health and disease. 2016 , 64, 197-213	90
638	C9orf72 is required for proper macrophage and microglial function in mice. 2016 , 351, 1324-9	334
637	Drp1-Dependent Mitochondrial Fission Mediates Toxicity of Positively Charged Graphene in Microglia. 2016 , 2, 722-733	9
636	Periodontal disease's contribution to Alzheimer's disease progression in Down syndrome. 2016 , 2, 49-57	22
635	Pregabalin can prevent, but not treat, cognitive dysfunction following abdominal surgery in aged rats. 2016 , 148, 211-9	16
634	Stress and neuroinflammation: a systematic review of the effects of stress on microglia and the implications for mental illness. 2016 , 233, 1637-50	288
633	Regulatory T cells delay disease progression in Alzheimer-like pathology. 2016 , 139, 1237-51	162
632	Glial and axonal changes in systemic lupus erythematosus measured with diffusion of intracellular metabolites. 2016 , 139, 1447-57	38

631	Microglial priming through the lung-brain axis: the role of air pollution-induced circulating factors. 2016 , 30, 1880-91	92
630	Impaired oligodendrocyte maturation in preterm infants: Potential therapeutic targets. 2016 , 136, 28-49	85
629	TLR4-activated microglia require IFN- β to induce severe neuronal dysfunction and death in situ. 2016 , 113, 212-7	96
628	Microglial dysfunction connects depression and Alzheimer's disease. 2016 , 55, 151-165	65
627	Glycogen synthase kinase 3 is part of the molecular machinery regulating the adaptive response to LPS stimulation in microglial cells. 2016 , 55, 225-235	45
626	Effect of acute lipopolysaccharide-induced inflammation in intracerebroventricular-streptozotocin injected rats. 2016 , 101, 110-22	8
625	The blood-brain barrier in systemic inflammation. 2017 , 60, 1-12	465
624	Microglia across the lifespan: from origin to function in brain development, plasticity and cognition. 2017 , 595, 1929-1945	265
623	Distinct alterations in motor & reward seeking behavior are dependent on the gestational age of exposure to LPS-induced maternal immune activation. 2017 , 63, 21-34	30
622	Microglial phenotypes in Parkinson's disease and animal models of the disease. 2017 , 155, 57-75	143
621	Lithium limits trimethyltin-induced cytotoxicity and proinflammatory response in microglia without affecting the concurrent autophagy impairment. 2017 , 37, 207-213	11
620	Sex differences in stroke across the lifespan: The role of T lymphocytes. 2017 , 107, 127-137	12
619	The role of neuroimmune signaling in alcoholism. 2017 , 122, 56-73	147
618	Hippocampus, Spatial Memory and Neuroimmunomodulation. 2017 , 69-79	0
617	Microglia in the primate macula: specializations in microglial distribution and morphology with retinal position and with aging. 2017 , 222, 2759-2771	18
616	Isolation of primary microglia from the human post-mortem brain: effects of ante- and post-mortem variables. <i>Acta Neuropathologica Communications</i> , 2017 , 5, 16	73 53
615	Anti-inflammatory mechanism of lonchocarpine in LPS- or poly(I:C)-induced neuroinflammation. 2017 , 119, 431-442	21
614	Microglia activation and phagocytosis: relationship with aging and cognitive impairment in the rhesus monkey. 2017 , 39, 199-220	63

613	In vivo imaging of translocator protein, a marker of activated microglia, in alcohol dependence. 2017 , 22, 1759-1766	52
612	High BMI levels associate with reduced mRNA expression of IL10 and increased mRNA expression of iNOS (NOS2) in human frontal cortex. 2017 , 7, e1044	19
611	Microglial repopulation resolves inflammation and promotes brain recovery after injury. 2017 , 65, 931-944	115
610	Psychosocial stress on neuroinflammation and cognitive dysfunctions in Alzheimer's disease: the emerging role for microglia?. 2017 , 77, 148-164	80
609	Immune hyperreactivity of A β plaque-associated microglia in Alzheimer's disease. 2017 , 55, 115-122	132
608	TREM2-Ligand Interactions in Health and Disease. 2017 , 429, 1607-1629	90
607	Inhibitory effects of three bisbenzylisoquinoline alkaloids on lipopolysaccharide-induced microglial activation. 2017 , 7, 18347-18357	9
606	Genomic effects of food bioactives in neuroprotection. 2017 , 156-169	
605	Chronic intermittent hypoxia induces oxidative stress and inflammation in brain regions associated with early-stage neurodegeneration. 2017 , 5, e13258	81
604	Proteomic analysis of aged microglia: shifts in transcription, bioenergetics, and nutrient response. 2017 , 14, 96	51
603	Repression of telomere-associated genes by microglia activation in neuropsychiatric disease. 2017 , 267, 473-477	13
602	The bidirectional gut-brain-microbiota axis as a potential nexus between traumatic brain injury, inflammation, and disease. 2017 , 66, 31-44	81
601	Neuroimaging and its Relevance to Understanding Pathways Linking Diabetes and Cognitive Dysfunction. 2017 , 59, 405-419	27
600	Increased expression of M1 and M2 phenotypic markers in isolated microglia after four-day binge alcohol exposure in male rats. 2017 , 62, 29-40	53
599	Brain repair from intrinsic cell sources: Turning reactive glia into neurons. 2017 , 230, 69-97	23
598	Sleep Loss Promotes Astrocytic Phagocytosis and Microglial Activation in Mouse Cerebral Cortex. 2017 , 37, 5263-5273	143
597	Complement C3 deficiency protects against neurodegeneration in aged plaque-rich APP/PS1 mice. 2017 , 9,	259
596	The network model of delirium. 2017 , 104, 80-85	10

595	Neuroinflammation, Mast Cells, and Glia: Dangerous Liaisons. 2017 , 23, 478-498	64
594	Dengue virus infection increases microglial cell migration. <i>Scientific Reports</i> , 2017 , 7, 91	4-9 22
593	Chronic Traumatic Encephalopathy: The cellular sequela to repetitive brain injury. 2017 , 41, 24-29	12
592	Enhanced susceptibility of triple transgenic Alzheimer's disease (3xTg-AD) mice to acute infection. 2017 , 14, 50	25
591	Binge alcohol alters exercise-driven neuroplasticity. 2017 , 343, 165-173	7
590	Calcium Stearate as an Effective Alternative to Poly(vinyl alcohol) in Poly-Lactic-co-Glycolic Acid Nanoparticles Synthesis. 2017 , 18, 452-460	7
589	Withania somnifera Reverses Transactive Response DNA Binding Protein 43 Proteinopathy in a Mouse Model of Amyotrophic Lateral Sclerosis/Frontotemporal Lobar Degeneration. 2017 , 14, 447-462	25
588	Microglia in Physiology and Disease. 2017 , 79, 619-643	635
587	Omega-3 polyunsaturated fatty acids and brain health: Preclinical evidence for the prevention of neurodegenerative diseases. 2017 , 69, 203-213	25
586	Suppression of neuroinflammation by matrix metalloproteinase-8 inhibitor in aged normal and LRRK2 G2019S Parkinson's disease model mice challenged with lipopolysaccharide. 2017 , 493, 879-886	14
585	Alcohol and Stress Activation of Microglia and Neurons: Brain Regional Effects. 2017 , 41, 2066-2081	33
584	Carvedilol abrogates hypoxia-induced oxidative stress and neuroinflammation in microglial BV2 cells. 2017 , 814, 144-150	10
583	Microglia turnover with aging and in an Alzheimer's model via long-term in vivo single-cell imaging. 2017 , 20, 1371-1376	193
582	Age-related differences in interferon regulatory factor-4 and -5 signaling in ischemic brains of mice. 2017 , 38, 1425-1434	20
581	The TREM2-APOE Pathway Drives the Transcriptional Phenotype of Dysfunctional Microglia in Neurodegenerative Diseases. 2017 , 47, 566-581.e9	988
580	Programmable Nucleic Acid Based Polygons with Controlled Neuroimmunomodulatory Properties for Predictive QSAR Modeling. 2017 , 13, 1701255	38
579	Innate Immune Memory: Implications for Microglial Function and Neuroprogression. 2017 , 31, 67-78	5
578	Proteomic analysis of the effects of Nur77 on lipopolysaccharide-induced microglial activation. 2017 , 659, 33-43	4

577	Brain Tissue Reaction to Deep Brain Stimulation-A Longitudinal Study of DBS in the Goettingen Minipig. 2017 , 20, 417-423	20
576	Effects of epigallocatechin-3-gallate on systemic inflammation-induced cognitive dysfunction in aged rats. 2017 , 31, 726-735	10
575	The putative role of environmental aluminium in the development of chronic neuropathology in adults and children. How strong is the evidence and what could be the mechanisms involved?. 2017 , 32, 1335-1355	42
574	Infections Up to 76Days After Stroke Increase Disability and Death. 2017 , 8, 541-548	15
573	Chemokines as new inflammatory players in the pathogenesis of epilepsy. 2017 , 136, 77-83	41
572	Quantitative Proteomics Reveals Temporal Proteomic Changes in Signaling Pathways during BV2 Mouse Microglial Cell Activation. 2017 , 16, 3419-3432	14
571	TREM2 Maintains Microglial Metabolic Fitness in Alzheimer's Disease. 2017 , 170, 649-663.e13	441
570	Translational studies identify long-term impact of prior neonatal pain experience. 2017 , 158 Suppl 1, S29-S42	29
569	The Systemic Response to Topical Aldara Treatment is Mediated Through Direct TLR7 Stimulation as Imiquimod Enters the Circulation. <i>Scientific Reports</i> , 2017 , 7, 16570	4-9 24
568	A Map of Human Mitochondrial Protein Interactions Linked to Neurodegeneration Reveals New Mechanisms of Redox Homeostasis and NF- κ B Signaling. 2017 , 5, 564-577.e12	37
567	Transcriptional regulators of redox balance and other homeostatic processes with the potential to alter neurodegenerative disease trajectory. 2017 , 45, 1295-1303	15
566	Reduced cuprizone-induced cerebellar demyelination in mice with astrocyte-targeted production of IL-6 is associated with chronically activated, but less responsive microglia. 2017 , 310, 97-102	12
565	Emerging roles of protein kinases in microglia-mediated neuroinflammation. 2017 , 146, 1-9	13
564	Tissue macrophages: heterogeneity and functions. 2017 , 15, 53	257
563	A systems pharmacology-based approach to identify novel Kv1.3 channel-dependent mechanisms in microglial activation. 2017 , 14, 128	34
562	Transcriptomic analysis of purified human cortical microglia reveals age-associated changes. 2017 , 20, 1162-1171	358
561	Microglial depletion alters the brain neuroimmune response to acute binge ethanol withdrawal. 2017 , 14, 86	77
560	A novel role for earthworm peptide Lumbricusin as a regulator of neuroinflammation. 2017 , 490, 1004-1010	7

559	Role of Microglia in Neurological Disorders and Their Potentials as a Therapeutic Target. 2017 , 54, 7567-7584	142
558	Preventive effects of dexmedetomidine on the development of cognitive dysfunction following systemic inflammation in aged rats. 2017 , 31, 25-35	35
557	Mesenchymal Stem Cell-Derived Microvesicles Modulate Lipopolysaccharides-Induced Inflammatory Responses to Microglia Cells. 2017 , 35, 812-823	66
556	Host-microbiome interactions: the aryl hydrocarbon receptor and the central nervous system. 2017 , 95, 29-39	28
555	Activation of microglia by retroviral infection correlates with transient clearance of prions from the brain but does not change incubation time. 2017 , 27, 590-602	15
554	Hidden Wounds? Inflammatory Links Between Childhood Trauma and Psychopathology. 2017 , 68, 517-544	125
553	Microglia Priming with Aging and Stress. 2017 , 42, 318-333	171
552	Nutrition for the ageing brain: Towards evidence for an optimal diet. 2017 , 35, 222-240	120
551	Activation of Nur77 in microglia attenuates proinflammatory mediators production and protects dopaminergic neurons from inflammation-induced cell death. 2017 , 140, 589-604	24
550	Psychoneuroimmunology of Early-Life Stress: The Hidden Wounds of Childhood Trauma?. 2017 , 42, 99-114	166
549	Pumping the Brakes: Neurotrophic Factors for the Prevention of Cognitive Impairment and Dementia after Traumatic Brain Injury. 2017 , 34, 971-986	9
548	Aging and Postoperative Cognitive Dysfunction. 2017 , 37, 193-200	
547	Microglia and Brain Plasticity in Acute Psychosis and Schizophrenia Illness Course: A Meta-Review. 2017 , 8, 238	79
546	Anti-Inflammatory and Neuroprotective Role of Natural Product Securinine in Activated Glial Cells: Implications for Parkinson's Disease. 2017 , 2017, 8302636	31
545	Immune System Dysfunction in the Elderly. 2017 , 89, 285-299	96
544	Recent Advances in the Inhibition of p38 MAPK as a Potential Strategy for the Treatment of Alzheimer's Disease. 2017 , 22,	151
543	Investigation of Sex Differences in the Microglial Response to Binge Ethanol and Exercise. 2017 , 7,	22
542	NETosis in Alzheimer's Disease. 2017 , 8, 211	63

541	Microglial Activation in the Pathogenesis of Huntington's Disease. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 193	5.3	62
540	16S rRNA Next Generation Sequencing Analysis Shows Bacteria in Alzheimer's Post-Mortem Brain. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 195	5.3	144
539	Endoplasmic Reticulum Malfunction in the Nervous System. <i>Frontiers in Neuroscience</i> , 2017 , 11, 220	5.1	15
538	Cross Talk: The Microbiota and Neurodevelopmental Disorders. <i>Frontiers in Neuroscience</i> , 2017 , 11, 490	5.1	137
537	Mast Cell Activation in Brain Injury, Stress, and Post-traumatic Stress Disorder and Alzheimer's Disease Pathogenesis. <i>Frontiers in Neuroscience</i> , 2017 , 11, 703	5.1	53
536	Anti-inflammatory Microglia/Macrophages As a Potential Therapeutic Target in Brain Metastasis. 2017 , 7, 251		42
535	Distinct Pattern of Microgliosis in the Olfactory Bulb of Neurodegenerative Proteinopathies. 2017 , 2017, 3851262		19
534	Microglia ?. 2017 ,		
533	Emerging roles of microglial cathepsins in neurodegenerative disease. 2018 , 139, 144-156		29
532	TRPM2 Channel Aggravates CNS Inflammation and Cognitive Impairment via Activation of Microglia in Chronic Cerebral Hypoperfusion. 2018 , 38, 3520-3533		52
531	Angiotensin receptor blocker, losartan ameliorates neuroinflammation and behavioral consequences of lipopolysaccharide injection. 2018 , 203, 161-170		20
530	<i>Polygonum aviculare</i> L. extract reduces fatigue by inhibiting neuroinflammation in restraint-stressed mice. 2018 , 42, 180-189		17
529	The microglial reaction signature revealed by RNAseq from individual mice. 2018 , 66, 971-986		26
528	High-Dimensional Single-Cell Mapping of Central Nervous System Immune Cells Reveals Distinct Myeloid Subsets in Health, Aging, and Disease. 2018 , 48, 380-395.e6		342
527	Microglial Phenotypes and Functions in Multiple Sclerosis. 2018 , 8,		45
526	Bimolecular Fluorescence Complementation of Alpha-synuclein Demonstrates its Oligomerization with Dopaminergic Phenotype in Mice. 2018 , 29, 13-22		12
525	Neutrophil hyperactivation correlates with Alzheimer's disease progression. 2018 , 83, 387-405		45
524	Myocardial Inflammation Predicts Remodeling and Neuroinflammation After Myocardial Infarction. 2018 , 71, 263-275		122

523	Basal Mitophagy Occurs Independently of PINK1 in Mouse Tissues of High Metabolic Demand. 2018 , 27, 439-449.e5	280
522	Crush injury to motor nerves in the G93A transgenic mouse model of amyotrophic lateral sclerosis promotes muscle reinnervation and survival of functionally intact nerve-muscle contacts. 2018 , 113, 33-44	7
521	Diverse Brain Myeloid Expression Profiles Reveal Distinct Microglial Activation States and Aspects of Alzheimer's Disease Not Evident in Mouse Models. 2018 , 22, 832-847	273
520	Deciphering sex differences in the immune system and depression. 2018 , 50, 67-90	34
519	Both classic Gs-cAMP/PKA/CREB and alternative Gs-cAMP/PKA/p38 β /CREB signal pathways mediate exenatide-stimulated expression of M2 microglial markers. 2018 , 316, 17-22	24
518	Interoception and Inflammation in Psychiatric Disorders. 2018 , 3, 514-524	41
517	Present and future of disease-modifying therapies in multiple system atrophy. 2018 , 211, 31-38	5
516	Dimethyl fumarate attenuates reactive microglia and long-term memory deficits following systemic immune challenge. 2018 , 15, 100	35
515	Involvement of acute neuroinflammation in postoperative delirium-like cognitive deficits in rats. 2018 , 32, 506-517	18
514	Macrophage Depletion Ameliorates Peripheral Neuropathy in Aging Mice. 2018 , 38, 4610-4620	27
513	Sexual dimorphism in predisposition to Alzheimer's disease. 2018 , 70, 308-324	91
512	The Synthetic Steroid Tibolone Decreases Reactive Gliosis and Neuronal Death in the Cerebral Cortex of Female Mice After a Stab Wound Injury. 2018 , 55, 8651-8667	23
511	Altered Hippocampal Gene Expression and Morphology in Fetal Piglets following Maternal Respiratory Viral Infection. 2018 , 40, 104-119	19
510	Distinct origins, gene expression and function of microglia and monocyte-derived macrophages in CNS myelin injury and regeneration. 2018 , 189, 57-62	13
509	Manganese exposure facilitates microglial JAK2-STAT3 signaling and consequent secretion of TNF- α and IL-1 β to promote neuronal death. 2018 , 64, 195-203	45
508	Innate immunity in Alzheimer's disease: the relevance of animal models?. 2018 , 125, 827-846	10
507	Microglia: Housekeeper of the Central Nervous System. 2018 , 38, 53-71	114
506	Endocrine influence on neuroinflammation: the use of reporter systems. 2018 , 30, e12496	1

505	Necroptosis in microglia contributes to neuroinflammation and retinal degeneration through TLR4 activation. 2018 , 25, 180-189	77
504	Disrupted Neuroglial Metabolic Coupling after Peripheral Surgery. 2018 , 38, 452-464	26
503	Central Nervous System Neuron-Glia co-Culture Models and Application to Neuroprotective Agents. 2018 , 1727, 63-80	2
502	Maternal immune activation in neurodevelopmental disorders. 2018 , 247, 588-619	68
501	Trained innate immunity: a salient factor in the pathogenesis of neuroimmune psychiatric disorders. 2018 , 23, 170-176	17
500	Cathepsin B links oxidative stress to the activation of NLRP3 inflammasome. 2018 , 362, 180-187	53
499	Innate Immunity and Neurodegeneration. 2018 , 69, 437-449	148
498	A critical role of TRPM2 channel in A β -induced microglial activation and generation of tumor necrosis factor- α . 2018 , 66, 562-575	50
497	Impaired peripheral glucose homeostasis and Alzheimer's disease. 2018 , 136, 172-181	42
496	Longitudinal investigation of neuroinflammation and metabolite profiles in the APP β S1 transgenic mouse model of Alzheimer's disease. 2018 , 144, 318-335	19
495	Crosstalk between endoplasmic reticulum stress and brain inflammation in Alzheimer's disease. 2018 , 136, 350-360	38
494	Sex differences in the phagocytic and migratory activity of microglia and their impairment by palmitic acid. 2018 , 66, 522-537	46
493	The Interest of Adding Micronutrients to Docosahexaenoic Acid Supplementation to Prevent Age-Related Cognitive Decline. 2018 , 08,	
492	Early microglial activation and peripheral inflammation in dementia with Lewy bodies. 2018 , 141, 3415-3427	60
491	Klotho controls the brain-immune system interface in the choroid plexus. 2018 , 115, E11388-E11396	46
490	Outside in: Unraveling the Role of Neuroinflammation in the Progression of Parkinson's Disease. 2018 , 9, 860	62
489	Subchronic Pathobiological Response Following Chronic Repetitive Mild Traumatic Brain Injury in an Aged Preclinical Model of Amyloid Pathogenesis. 2018 , 77, 1144-1162	1
488	Advances in developing novel therapeutic strategies for Alzheimer's disease. 2018 , 13, 64	116

487	Age Influences Microglial Activation After Cuprizone-Induced Demyelination. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 278	5.3	23
486	Passive Immunotherapies for Central Nervous System Disorders: Current Delivery Challenges and New Approaches. 2018 , 29, 3937-3966		15
485	Targeting senescence to delay progression of multiple sclerosis. 2018 , 96, 1153-1166		24
484	Alzheimer's disease (AD) therapeutics - 2: Beyond amyloid - Re-defining AD and its causality to discover effective therapeutics. 2018 , 158, 376-401		20
483	Silencing of TGF β signalling in microglia results in impaired homeostasis. 2018 , 9, 4011		59
482	Peripheral immune system in aging and Alzheimer's disease. 2018 , 13, 51		81
481	Mixed-species RNA-seq for elucidation of non-cell-autonomous control of gene transcription. 2018 , 13, 2176-2199		10
480	RIPK1 is a critical modulator of both tonic and TLR-responsive inflammatory and cell death pathways in human macrophage differentiation. 2018 , 9, 973		17
479	Nicotinamide's Ups and Downs: Consequences for Fertility, Development, Longevity and Diseases of Poverty and Affluence. 2018 , 11, 1178646918802289		2
478	Aldosterone exerts anti-inflammatory effects on LPS stimulated microglia. 2018 , 4, e00826		1
477	Brain Imaging in Type 2 Diabetes. 2018 , 49-66		
476	Errestin2 regulates the anti-inflammatory effects of Salmeterol in lipopolysaccharide-stimulated BV2 cells. 2018 , 325, 10-19		8
475	Distinct contributions of hyperglycemia and high-fat feeding in metabolic syndrome-induced neuroinflammation. 2018 , 15, 293		19
474	PGC-1 β -Mediated Mitochondrial Biogenesis is Involved in Cannabinoid Receptor 2 Agonist AM1241-Induced Microglial Phenotype Amelioration. 2018 , 38, 1529-1537		16
473	VISTA expression by microglia decreases during inflammation and is differentially regulated in CNS diseases. 2018 , 66, 2645-2658		28
472	Distinct microglia profile in Creutzfeldt-Jakob disease and Alzheimer's disease is independent of disease kinetics. 2018 , 38, 591-600		2
471	An Aqueous Extract of Herbal Medicine ALWPs Enhances Cognitive Performance and Inhibits LPS-Induced Neuroinflammation via FAK/NF- κ B Signaling Pathways. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 269	5.3	8
470	A Novel and Selective p38 Mitogen-Activated Protein Kinase Inhibitor Attenuates LPS-Induced Neuroinflammation in BV2 Microglia and a Mouse Model. 2018 , 43, 2362-2371		15

469	The Impact of Non-Neurotropic Influenza Strains on the Brain: A Role for Microglial Priming?. 2018 , 38, 7758-7760		4
468	Inflammation as a central mechanism in Alzheimer's disease. 2018 , 4, 575-590		641
467	Leaky brain in neurological and psychiatric disorders: Drivers and consequences. 2018 , 52, 924-948		58
466	Neuroimmune Activation Drives Multiple Brain States. 2018 , 12, 39		25
465	Systemic infection modifies the neuroinflammatory response in late stage Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2018 , 6, 88	7-3	32
464	Differential Neurotoxicity Related to Tetracycline Transactivator and TDP-43 Expression in Conditional TDP-43 Mouse Model of Frontotemporal Lobar Degeneration. 2018 , 38, 6045-6062		5
463	Antagonizing peroxisome proliferator-activated receptor α facilitates M1-to-M2 shift of microglia by enhancing autophagy via the LKB1-AMPK signaling pathway. 2018 , 17, e12774		75
462	Disease-Associated Microglia: A Universal Immune Sensor of Neurodegeneration. 2018 , 173, 1073-1081		361
461	Chronic stress as a risk factor for Alzheimer's disease: Roles of microglia-mediated synaptic remodeling, inflammation, and oxidative stress. 2018 , 9, 9-21		151
460	Design and Synthesis of a Novel Series of Orally Bioavailable, CNS-Penetrant, Isoform Selective Phosphoinositide 3-Kinase (PI3K) Inhibitors with Potential for the Treatment of Multiple Sclerosis (MS). 2018 , 61, 5245-5256		30
459	HIV-1 TAT-mediated microglial activation: role of mitochondrial dysfunction and defective mitophagy. 2018 , 14, 1596-1619		48
458	The Role of Immunosenescence in Neurodegenerative Diseases. 2018 , 2018, 6039171		68
457	Current progress, challenges and future prospects of diagnostic and therapeutic interventions in Alzheimer's disease.. 2018 , 8, 23780-23804		70
456	Sex differences in how inflammation affects behavior: What we can learn from experimental inflammatory models in humans. 2018 , 50, 91-106		41
455	Possible prophylactic anti-excitotoxic and anti-oxidant effects of virgin coconut oil on aluminium chloride-induced Alzheimer's in rat models. 2018 , 17, 593-607		15
454	Early Hyperbaric Oxygen Treatment Attenuates Burn-Induced Neuroinflammation by Inhibiting the Galectin-3-Dependent Toll-Like Receptor-4 Pathway in a Rat Model. 2018 , 19,		10
453	In Vivo Near-Infrared Two-Photon Imaging of Amyloid Plaques in Deep Brain of Alzheimer's Disease Mouse Model. 2018 , 9, 3128-3136		26
452	Abnormalities of age-related T cell senescence in Parkinson's disease. 2018 , 15, 166		31

451	Anti-inflammatory Effects of Curcumin in Microglial Cells. 2018 , 9, 386		59
450	An Inflammation-related Nutrient Pattern is Associated with Both Brain and Cognitive Measures in a Multiethnic Elderly Population. 2018 , 15, 493-501		31
449	A Perspective of AMD Through the Eyes of Immunology. 2018 , 59, AMD83-AMD92		31
448	Microglia changes associated to Alzheimer's disease pathology in aged chimpanzees. 2018 , 526, 2921-2936		19
447	Identifying lysophosphatidic acid receptor subtype 1 (LPA) as a novel factor to modulate microglial activation and their TNF- β production by activating ERK1/2. 2018 , 1863, 1237-1245		23
446	Depletion of microglia augments the dopaminergic neurotoxicity of MPTP. 2018 , 32, 3336-3345		47
445	The Inflammatory Continuum of Traumatic Brain Injury and Alzheimer's Disease. 2018 , 9, 672		51
444	An Inflammation-Centric View of Neurological Disease: Beyond the Neuron. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 72	6.1	214
443	Microglial Activation After Systemic Stimulation With Lipopolysaccharide and. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 110	6.1	37
442	Neuronal Dysfunction and Behavioral Abnormalities Are Evoked by Neural Cells and Aggravated by Inflammatory Microglia in Peroxisomal β Oxidation Deficiency. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 136	6.1	10
441	Long-Term Genistein Consumption Modifies Gut Microbiota, Improving Glucose Metabolism, Metabolic Endotoxemia, and Cognitive Function in Mice Fed a High-Fat Diet. 2018 , 62, e1800313		46
440	MRI of Functionalized Iron Oxide Nanoparticles for Brain Inflammation. 2018 , 2018, 3476476		12
439	The TRPM2 channel nexus from oxidative damage to Alzheimer's pathologies: An emerging novel intervention target for age-related dementia. 2018 , 47, 67-79		25
438	Stress and aging act through common mechanisms to elicit neuroinflammatory priming. 2018 , 73, 133-148		41
437	Toll-like receptors in immunity and inflammatory diseases: Past, present, and future. 2018 , 59, 391-412		214
436	Protective Effects of Foods Containing Flavonoids on Age-Related Cognitive Decline. 2018 , 7, 39-48		26
435	Activation of Nrf2 signaling by salvianolic acid C attenuates NF- β mediated inflammatory response both in vivo and in vitro. 2018 , 63, 299-310		21
434	Mortal engines: Mitochondrial bioenergetics and dysfunction in neurodegenerative diseases. 2018 , 138, 2-15		27

433	Jujuboside A promotes A β clearance and ameliorates cognitive deficiency in Alzheimer's disease through activating Axl/HSP90/PPAR γ pathway. 2018 , 8, 4262-4278	37
432	Reduction of the ATPase inhibitory factor 1 (IF) leads to visual impairment in vertebrates. 2018 , 9, 669	4
431	Infiltrating macrophages contribute to age-related neuroinflammation in C57/BL6 mice. 2018 , 173, 84-91	11
430	From Traumatic Childhood to Cocaine Abuse: The Critical Function of the Immune System. 2018 , 84, 905-916	35
429	A Single Exposure to GSM-1800 MHz Signals in the Course of an Acute Neuroinflammatory Reaction can Alter Neuronal Responses and Microglial Morphology in the Rat Primary Auditory Cortex. 2018 , 385, 11-24	10
428	Neuroinflammation, Type 2 Diabetes, and Dementia. 2018 , 195-209	3
427	Principles of inflammasome priming and inhibition: Implications for psychiatric disorders. 2018 , 73, 66-84	42
426	Pro-inflammatory activation of microglia in the brain of patients with sepsis. 2019 , 45, 278-290	43
425	Positron emission tomography of type 2 cannabinoid receptors for detecting inflammation in the central nervous system. 2019 , 40, 351-357	26
424	Time course of microglia activation and brain and blood cytokine/chemokine levels following chronic ethanol exposure and protracted withdrawal in rats. 2019 , 76, 37-45	24
423	Microglia in the Neurovascular Unit: Blood-Brain Barrier-microglia Interactions After Central Nervous System Disorders. 2019 , 405, 55-67	74
422	Prospects and challenges of imaging neuroinflammation beyond TSPO in Alzheimer's disease. 2019 , 46, 2831-2847	25
421	Morphology of Microglia Across Contexts of Health and Disease. 2019 , 2034, 13-26	35
420	Physiological Implications of Microglia-Synapse Interactions. 2019 , 2034, 69-80	7
419	Optimized Radar Waveform Parameter Design for Small Drone Detection Based on Echo Modeling and Experimental Analysis. 2019 , 7, 101527-101538	2
418	Motor Neuron Susceptibility in ALS/FTD. <i>Frontiers in Neuroscience</i> , 2019 , 13, 532	5.1 77
417	SIRP β deficiency accelerates the pathologic process in models of Parkinson disease. 2019 , 67, 2343-2359	7
416	Microglial activation and inflammation caused by traffic-related particulate matter. 2019 , 311, 108762	27

415	Development of a Chimeric Model to Study and Manipulate Human Microglia In Vivo. 2019 , 103, 1016-1033.e1015		
414	Neuroendocrine Regulation of Brain Cytokines After Psychological Stress. 2019 , 3, 1302-1320		35
413	LC3-Associated Endocytosis Facilitates β Amyloid Clearance and Mitigates Neurodegeneration in Murine Alzheimer's Disease. 2019 , 178, 536-551.e14		184
412	Its complicated: The relationship between alcohol and microglia in the search for novel pharmacotherapeutic targets for alcohol use disorders. 2019 , 167, 179-221		17
411	Microglia and the aging brain: are senescent microglia the key to neurodegeneration?. 2019 , 151, 676-688		72
410	TET2 Regulates the Neuroinflammatory Response in Microglia. 2019 , 29, 697-713.e8		38
409	Dietary Spray-Dried Porcine Plasma Prevents Cognitive Decline in Senescent Mice and Reduces Neuroinflammation and Oxidative Stress. 2020 , 150, 303-311		8
408	Aging Neurovascular Unit and Potential Role of DNA Damage and Repair in Combating Vascular and Neurodegenerative Disorders. <i>Frontiers in Neuroscience</i> , 2019 , 13, 778	5.1	14
407	,'-Diacetyl--phenylenediamine restores microglial phagocytosis and improves cognitive defects in Alzheimer's disease transgenic mice. 2019 , 116, 23426-23436		18
406	Hsp60 in Modifications of Nervous System Homeostasis and Neurodegeneration. 2019 , 241-266		2
405	Heat Shock Protein 60 in Human Diseases and Disorders. 2019 ,		0
404	Orexins as Novel Therapeutic Targets in Inflammatory and Neurodegenerative Diseases. 2019 , 10, 709		14
403	Exercise-driven restoration of the alcohol-damaged brain. 2019 , 147, 219-267		1
402	Is Innate Memory a Double-Edge Sword in Alzheimer's Disease? A Reappraisal of New Concepts and Old Data. 2019 , 10, 1768		11
401	Effect of Bone Morphogenetic Protein 6 (BMP6) on Chicken Granulosa Cells Proliferation and Progesterone Synthesis. 2019 , 21,		1
400	Platycodigenin as Potential Drug Candidate for Alzheimer's Disease via Modulating Microglial Polarization and Neurite Regeneration. 2019 , 24,		8
399	Acute neuroinflammation elicited by TLR-3 systemic activation combined with early life stress induces working memory impairments in male adolescent mice. 2019 , 376, 112221		7
398	Divergent roles of astrocytic versus neuronal EAAT2 deficiency on cognition and overlap with aging and Alzheimer's molecular signatures. 2019 , 116, 21800-21811		32

397	Recurrent binge ethanol is associated with significant loss of dentate gyrus granule neurons in female rats despite concomitant increase in neurogenesis. 2019 , 148, 272-283		9
396	Trained Immunity Carried by Non-immune Cells. 2018 , 9, 3225		52
395	Baicalin mitigates cognitive impairment and protects neurons from microglia-mediated neuroinflammation via suppressing NLRP3 inflammasomes and TLR4/NF- κ B signaling pathway. <i>CNS Neuroscience and Therapeutics</i> , 2019 , 25, 575-590	6.8	95
394	Cannabisin F from Hemp () Seed Suppresses Lipopolysaccharide-Induced Inflammatory Responses in BV2 Microglia as SIRT1 Modulator. 2019 , 20,		22
393	Plasticity of microglia in remote regions after focal brain injury. 2019 , 94, 104-111		10
392	Expression of MHC-I and II by Microglia and Lymphocytes in the Brain of Diet-Restricted Mice. 2019 , 65, 132-141		1
391	Shared Molecular Signatures Across Neurodegenerative Diseases and Herpes Virus Infections Highlights Potential Mechanisms for Maladaptive Innate Immune Responses. <i>Scientific Reports</i> , 2019 , 9, 8795	4.9	15
390	Trained Innate Immunity Not Always Amicable. 2019 , 20,		16
389	Microglial BDNF, PI3K, and p-ERK in the Spinal Cord Are Suppressed by Pulsed Radiofrequency on Dorsal Root Ganglion to Ease SNI-Induced Neuropathic Pain in Rats. 2019 , 2019, 5948686		11
388	Function and Mechanism of Myelin Regulation in Alcohol Abuse and Alcoholism. 2019 , 41, e1800255		14
387	Observational study of long-term persistent elevation of neurodegeneration markers after cardiac surgery. <i>Scientific Reports</i> , 2019 , 9, 7177	4.9	13
386	Transcriptome analysis of LRRK2 knock-out microglia cells reveals alterations of inflammatory- and oxidative stress-related pathways upon treatment with α -synuclein fibrils. 2019 , 129, 67-78		30
385	Microglial alterations induced by psychoactive drugs: A possible mechanism in substance use disorder?. 2019 , 94, 164-175		3
384	Harnessing Immunoproteostasis to Treat Neurodegenerative Disorders. 2019 , 101, 1003-1015		18
383	A modular analysis of microglia gene expression, insights into the aged phenotype. 2019 , 20, 164		14
382	Early-life adversity programs long-term cytokine and microglia expression within the HPA axis in female Japanese quail. 2019 , 222,		3
381	Loss of NF- κ B p50 function synergistically augments microglial priming in the middle-aged brain. 2019 , 16, 60		8
380	Mechanism underlying α -AR agonist-mediated phenotypic conversion of LPS-activated microglial cells. 2019 , 332, 37-48		9

379	Peripheral-Central Neuroimmune Crosstalk in Parkinson's Disease: What Do Patients and Animal Models Tell Us?. 2019 , 10, 232		30
378	Neuroprotective Effect of Dioscin on the Aging Brain. 2019 , 24,		10
377	Priming of Adult Incision Response by Early-Life Injury: Neonatal Microglial Inhibition Has Persistent But Sexually Dimorphic Effects in Adult Rats. 2019 , 39, 3081-3093		33
376	A core transcriptional signature of human microglia: Derivation and utility in describing region-dependent alterations associated with Alzheimer's disease. 2019 , 67, 1240-1253		29
375	Dying Neurons Utilize Innate Immune Signaling to Prime Glia for Phagocytosis during Development. 2019 , 48, 506-522.e6		27
374	Early life alcohol exposure primes hypothalamic microglia to later-life hypersensitivity to immune stress: possible epigenetic mechanism. 2019 , 44, 1579-1588		25
373	Incretin Mimetics as Rational Candidates for the Treatment of Traumatic Brain Injury. 2019 , 2, 66-91		15
372	In Vitro Priming and Hyper-Activation of Brain Microglia: an Assessment of Phenotypes. 2019 , 56, 6409-6425		11
371	Increased Risk of Dementia in Patients with Craniofacial Trauma: A Nationwide Population-Based Cohort Study. 2019 , 125, e563-e574		5
370	Glial Control of Synapse Number in Healthy and Diseased Brain. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 42	6.1	43
369	Priming of microglia with IFN- β slows neuronal gamma oscillations in situ. 2019 , 116, 4637-4642		49
368	Oligomeric A β in the monkey brain impacts synaptic integrity and induces accelerated cortical aging. 2019 ,		41
367	Unique primed status of microglia under the systemic autoimmune condition of lupus-prone mice. 2019 , 21, 303		9
366	A comparison of hippocampal microglial responses in aged and young rodents following dependent and non-dependent binge drinking. 2019 , 148, 305-343		6
365	Microglia/macrophage diversities in central nervous system physiology and pathology. <i>CNS Neuroscience and Therapeutics</i> , 2019 , 25, 1287-1289	6.8	10
364	Oxycodone, fentanyl, and morphine amplify established neuropathic pain in male rats. 2019 , 160, 2634-2640		12
363	From adolescence to late aging: A comprehensive review of social behavior, alcohol, and neuroinflammation across the lifespan. 2019 , 148, 231-303		7
362	Spatiotemporal analysis of impaired microglia process movement at sites of secondary neurodegeneration post-stroke. 2019 , 39, 2456-2470		32

361	Chronic adolescent stress sex-specifically alters central and peripheral neuro-immune reactivity in rats. 2019 , 76, 248-257	25
360	Human microglia regional heterogeneity and phenotypes determined by multiplexed single-cell mass cytometry. 2019 , 22, 78-90	180
359	Novel Direct Conversion of Microglia to Neurons. 2019 , 25, 72-74	5
358	Evaluating the Role of Microglial Cells in Clearance of A β from Alzheimer's Brain. 2019 , 10, 1149-1156	7
357	Targeting microglia attenuates neuroinflammation-related neural damage in mice carrying human PLP1 mutations. 2019 , 67, 277-290	10
356	Drp1-dependent mitochondrial fission regulates p62-mediated autophagy in LPS-induced activated microglial cells. 2019 , 83, 409-416	6
355	Oligodendroglial β -synucleinopathy-driven neuroinflammation in multiple system atrophy. 2019 , 29, 380-396	28
354	Microglia metabolism in health and disease. 2019 , 130, 104331	31
353	Beclin1-driven autophagy modulates the inflammatory response of microglia via NLRP3. 2019 , 38,	86
352	Characterization of the Hippocampal Neuroimmune Response to Binge-Like Ethanol Consumption in the Drinking in the Dark Model. 2019 , 26, 19-32	4
351	Role of the CD200-CD200R Axis During Homeostasis and Neuroinflammation. 2019 , 405, 118-136	43
350	Microbiome-microglia connections via the gut-brain axis. 2019 , 216, 41-59	131
349	The Effects of Probiotic Formulation Pretreatment (Lactobacillus helveticus R0052 and Bifidobacterium longum R0175) on a Lipopolysaccharide Rat Model. 2019 , 38, 209-217	19
348	miR-30a-5p inhibition promotes interaction of Fas endothelial cells and FasL microglia to decrease pathological neovascularization and promote physiological angiogenesis. 2019 , 67, 332-344	9
347	Transcriptional mechanism of IRF8 and PU.1 governs microglial activation in neurodegenerative condition. 2019 , 10, 87-103	20
346	Convergent effects of a functional C3 variant on brain atrophy, demyelination, and cognitive impairment in multiple sclerosis. 2019 , 25, 532-540	13
345	Construction of Transcriptional Regulatory Network of Alzheimer's Disease Based on PANDA Algorithm. 2019 , 11, 226-236	9
344	Microglial Priming as Trained Immunity in the Brain. 2019 , 405, 47-54	43

343	Mitigation of cocaine-mediated mitochondrial damage, defective mitophagy and microglial activation by superoxide dismutase mimetics. 2020 , 16, 289-312	27
342	Pharmacological targeting of β adrenoceptors is neuroprotective in the LPS inflammatory rat model of Parkinson's disease. 2020 , 177, 282-297	9
341	Microglia Adopt Longitudinal Transcriptional Changes After Traumatic Brain Injury. 2020 , 246, 113-122	11
340	Ischemic preconditioning induces cortical microglial proliferation and a transcriptomic program of robust cell cycle activation. 2020 , 68, 76-94	13
339	Blood biomarkers with Parkinson's disease clusters and prognosis: The oxford discovery cohort. 2020 , 35, 279-287	26
338	P2Y receptors regulate microglial morphology, surveillance, and resting levels of interleukin 1 β release. 2020 , 68, 328-344	22
337	Pathology of inflammatory diseases of the nervous system: Human disease versus animal models. 2020 , 68, 830-844	17
336	Validation of Acute Gastroenteritis-related International Classification of Diseases, Clinical Modification Codes in Pediatric and Adult US Populations. 2020 , 70, 2423-2427	3
335	Control of Inflammation by Calorie Restriction Mimetics: On the Crossroad of Autophagy and Mitochondria. 2019 , 9,	30
334	Complement-Mediated Events in Alzheimer's Disease: Mechanisms and Potential Therapeutic Targets. 2020 , 204, 306-315	27
333	Neuroimmunity in amyotrophic lateral sclerosis: focus on microglia. 2020 , 21, 159-166	4
332	Nootropic effect of neferine on aluminium chloride-induced Alzheimer's disease in experimental models. 2020 , 34, e22429	11
331	Is There a Shared Etiology of Olfactory Impairments in Normal Aging and Neurodegenerative Disease?. 2020 , 73, 1-21	5
330	A20/TNFAIP3 heterozygosity predisposes to behavioral symptoms in a mouse model for neuropsychiatric lupus. 2020 , 2, 100018	3
329	Loss of Chondroitin Sulfate Modification Causes Inflammation and Neurodegeneration in Mice. 2020 , 214, 121-134	9
328	Inhibition of the Dead Box RNA Helicase 3 Prevents HIV-1 Tat and Cocaine-Induced Neurotoxicity by Targeting Microglia Activation. 2020 , 15, 209-223	7
327	The Potential Mediation of the Effects of Physical Activity on Cognitive Function by the Gut Microbiome. 2020 , 5,	1
326	The effect of insomnia on development of Alzheimer's disease. 2020 , 17, 289	13

325	Leaves and Spiny Burs of from an Experimental Chestnut Grove: Metabolomic Analysis and Anti-Neuroinflammatory Activity. 2020 , 10,	9
324	New synthesized polyoxygenated diarylheptanoids suppress lipopolysaccharide-induced neuroinflammation. 2020 , 529, 1117-1123	3
323	Sex differences in prefrontal cortex microglia morphology: Impact of a two-hit model of adversity throughout development. 2020 , 738, 135381	8
322	Immunometabolism in the Brain: How Metabolism Shapes Microglial Function. 2020 , 43, 854-869	28
321	Versatile live-cell activity analysis platform for characterization of neuronal dynamics at single-cell and network level. 2020 , 11, 4854	16
320	CNS Macrophages and Infant Infections. 2020 , 11, 2123	4
319	A history of juvenile mild malaria exacerbates chronic stress-evoked anxiety-like behavior, neuroinflammation, and decline of adult hippocampal neurogenesis in mice. 2020 , 348, 577363	3
318	The voltage-gated proton channel Hv1 contributes to neuronal injury and motor deficits in a mouse model of spinal cord injury. 2020 , 13, 143	6
317	Brain aging and garbage cleaning : Modelling the role of sleep, glymphatic system, and microglia senescence in the propagation of inflammaging. 2020 , 42, 647-665	13
316	Immunity in amyotrophic lateral sclerosis: blurred lines between excessive inflammation and inefficient immune responses. 2020 , 2, fcaa124	17
315	BDNF reverses aging-related microglial activation. 2020 , 17, 210	26
314	Mesenchymal-Stem-Cell-Derived Extracellular Vesicles Mitigate Trained Immunity in the Brain. 2020 , 8, 599058	3
313	Microglia Diversity in Health and Multiple Sclerosis. 2020 , 11, 588021	19
312	Randomized Clinical Trial Examining the Impact of GG Probiotic Supplementation on Cognitive Functioning in Middle-aged and Older Adults. 2020 , 16, 2765-2777	9
311	Aging and Progression of Beta-Amyloid Pathology in Alzheimer's Disease Correlates with Microglial Heme-Oxygenase-1 Overexpression. 2020 , 9,	7
310	Systemic inflammation moderates the association of prior concussion with hippocampal volume and episodic memory in high school and collegiate athletes. 2020 , 89, 380-388	1
309	GM-CSF induces noninflammatory proliferation of microglia and disturbs electrical neuronal network rhythms in situ. 2020 , 17, 235	10
308	Cholinergic Modulation of Glial Function During Aging and Chronic Neuroinflammation. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 577912	6.1 26

307	Aging-Exacerbated Acute Axon and Myelin Injury Is Associated with Microglia-Derived Reactive Oxygen Species and Is Alleviated by the Generic Medication Indapamide. 2020 , 40, 8587-8600		3
306	Antenatal Hypoxia Accelerates the Onset of Alzheimer's Disease Pathology in 5xFAD Mouse Model. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 251	5-3	1
305	β-Hydroxybutyrate inhibits inflammasome activation to attenuate Alzheimer's disease pathology. 2020 , 17, 280		32
304	Neurological Damage by Coronaviruses: A Catastrophe in the Queue!. 2020 , 11, 565521		19
303	DHCR24 overexpression modulates microglia polarization and inflammatory response via Akt/GSK3β signaling in Aβ-treated BV-2 cells. 2020 , 260, 118470		5
302	Rps27a might act as a controller of microglia activation in triggering neurodegenerative diseases. 2020 , 15, e0239219		8
301	The prenatal challenge with lipopolysaccharide and polyinosinic:polycytidylic acid disrupts CX3CL1-CX3CR1 and CD200-CD200R signalling in the brains of male rat offspring: a link to schizophrenia-like behaviours. 2020 , 17, 247		12
300	Exploring the VISTA of microglia: immune checkpoints in CNS inflammation. 2020 , 98, 1415-1430		3
299	The Innate Immune System and Inflammatory Priming: Potential Mechanistic Factors in Mood Disorders and Gulf War Illness. 2020 , 11, 704		8
298	Pathomechanisms of Non-Traumatic Acute Brain Injury in Critically Ill Patients. 2020 , 56,		3
297	When It Comes to an End: Oxidative Stress Crosstalk with Protein Aggregation and Neuroinflammation Induce Neurodegeneration. 2020 , 9,		21
296	Age-related gene expression changes in lumbar spinal cord: Implications for neuropathic pain. 2020 , 16, 1744806920971914		2
295	Peripheral Inflammation and Cognitive Performance in Middle-Aged Adults With and Without Type 2 Diabetes: Results From the ENBIND Study. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 605878	5-3	2
294	Analysis of ALS-related proteins during herpes simplex virus-2 latent infection. 2020 , 17, 371		4
293	Exposure to different early-life stress experiences results in differentially altered DNA methylation in the brain and immune system. 2020 , 13, 100249		9
292	Electroacupuncture Treatment Suppresses Transcription Factor IRF8 in Spinal Cord of Rats with Spared Nerve Injury. 2020 , 2020, 1854363		3
291	Septic-Associated Encephalopathy: a Comprehensive Review. 2020 , 17, 392-403		40
290	TNF-alpha-induced microglia activation requires miR-342: impact on NF-κB signaling and neurotoxicity. 2020 , 11, 415		36

289	B and T Cells Driving Multiple Sclerosis: Identity, Mechanisms and Potential Triggers. 2020 , 11, 760	56
288	The human olfactory system in two proteinopathies: Alzheimer's and Parkinson's diseases. 2020 , 9, 22	22
287	Prospective longitudinal evaluation of cytokines in mild cognitive impairment due to AD and Lewy body disease. 2020 , 35, 1250-1259	4
286	Glial smog: Interplay between air pollution and astrocyte-microglia interactions. 2020 , 136, 104715	8
285	Synaptic Activity and (Neuro)Inflammation in Alzheimer's Disease: Could Exosomes be an Additional Link?. 2020 , 74, 1029-1043	6
284	Prospective study of the effects of sport-related concussion on serum kynurenine pathway metabolites. 2020 , 87, 715-724	5
283	Inflammation in Neurological Disorders: The Thin Boundary Between Brain and Periphery. 2020 , 33, 191-210	27
282	New Therapies to Prevent or Cure Auditory Disorders. 2020 ,	0
281	The gut microbiome in Parkinson's disease: A culprit or a bystander?. 2020 , 252, 357-450	27
280	Immune Challenges and Seizures: How Do Early Life Insults Influence Epileptogenesis?. 2020 , 11, 2	13
279	Downregulation of synapse-associated protein expression and loss of homeostatic microglial control in cerebrospinal fluid of infectious patients with delirium and patients with Alzheimer's disease. 2020 , 89, 656-667	6
278	The NLRP3 Inflammasome as a Critical Actor in the Inflammaging Process. 2020 , 9,	16
277	Location of neonatal microglia drives small extracellular vesicles content and biological functions. 2020 , 9, 1727637	11
276	Metabolic Inflammation-A Role for Hepatic Inflammatory Pathways as Drivers of Comorbidities in Nonalcoholic Fatty Liver Disease?. 2020 , 158, 1929-1947.e6	59
275	Effects of inflammation on the kynurenine pathway in schizophrenia—a systematic review. 2020 , 17, 56	29
274	Abrogation of type-I interferon signalling alters the microglial response to Aβ <i>Scientific Reports</i> , 2020 , 10, 3153	4.9 8
273	Influenza vaccination in early Alzheimer's disease rescues amyloidosis and ameliorates cognitive deficits in APP/PS1 mice by inhibiting regulatory T cells. 2020 , 17, 65	13
272	Modeling Cell-Cell Interactions in Parkinson's Disease Using Human Stem Cell-Based Models. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 571	6.1 14

271	Size-Selective Phagocytic Clearance of Fibrillar β -Synuclein through Conformational Activation of Complement Receptor 4. 2020 , 204, 1345-1361	13	
270	Transient neonatal sleep fragmentation results in long-term neuroinflammation and cognitive impairment in a rabbit model. 2020 , 327, 113212	5	
269	Microglial depletion and repopulation in brain slice culture normalizes sensitized proinflammatory signaling. 2020 , 17, 27	24	
268	Microglia senescence occurs in both substantia nigra and ventral tegmental area. 2020 , 68, 2228-2245	13	
267	Potential of Glial Cell Modulators in the Management of Substance Use Disorders. 2020 , 34, 697-722	0	
266	Regulation of microglia by glutamate and its signal pathway in neurodegenerative diseases. 2020 , 25, 1074-1085	7	
265	TLR4 Cross-Talk With NLRP3 Inflammasome and Complement Signaling Pathways in Alzheimer's Disease. 2020 , 11, 724	52	
264	Neurovascular and immune mechanisms that regulate postoperative delirium superimposed on dementia. 2020 , 16, 734-749	28	
263	IL-33-PU.1 Transcriptome Reprogramming Drives Functional State Transition and Clearance Activity of Microglia in Alzheimer's Disease. 2020 , 31, 107530	23	
262	A New Neurovascular Panel Discriminates Between Patients with Type 2 Diabetes Mellitus with Cognitive Impairment and Cognitive Impairment Alone. 2020 , 75, 461-469	1	
261	A Path Toward Precision Medicine for Neuroinflammatory Mechanisms in Alzheimer's Disease. 2020 , 11, 456	87	
260	Review: Microglia in motor neuron disease. 2021 , 47, 179-197	5	
259	Positive association between serum quinolinic acid and functional connectivity following concussion. 2021 , 91, 531-540	3	
258	Delivering transformative action in paediatric pain: a Lancet Child & Adolescent Health Commission. 2021 , 5, 47-87	49	
257	A Glycosylated Prodrug to Attenuate Neuroinflammation and Improve Cognitive Deficits in Alzheimer's Disease Transgenic Mice. 2021 , 18, 101-112	3	
256	Thymus involution sets the clock of the aging T-cell landscape: Implications for declined immunity and tissue repair. 2021 , 65, 101231	6	
255	Lipopolysaccharide-Induced Exosomal miR-146a Is Involved in Altered Expression of Alzheimer's Risk Genes Via Suppression of TLR4 Signaling. 2021 , 71, 1245-1255	6	
254	Neuroinflammation and microglial activation in Alzheimer disease: where do we go from here?. <i>Nature Reviews Neurology</i> , 2021 , 17, 157-172	15	262

253	Dose-dependent long-term effects of a single radiation event on behaviour and glial cells. 2021 , 97, 156-169	7
252	The serotonin 2B receptor is required in neonatal microglia to limit neuroinflammation and sickness behavior in adulthood. 2021 , 69, 638-654	5
251	Association Between Immune Response to Cytomegalovirus and Cognition in the Health and Retirement Study. 2021 , 190, 786-797	5
250	Donepezil provides neuroprotective effects against brain injury and Alzheimer's pathology under conditions of cardiac ischemia/reperfusion injury. 2021 , 1867, 165975	9
249	Aging and Microglial Response following Systemic Stimulation with in Mice. 2021 , 10,	2
248	Microglia in neurodegenerative diseases. 2021 , 16, 270-280	20
247	Chronic exposure to IL-6 induces a desensitized phenotype of the microglia. 2021 , 18, 31	7
246	NLRP3 Inflammasome Blockade Reduces Cocaine-Induced Microglial Activation and Neuroinflammation. 2021 , 58, 2215-2230	5
245	Dendrimer-tesaglitazar conjugate induces a phenotype shift of microglia and enhances β amyloid phagocytosis. 2021 , 13, 939-952	7
244	Microglial gene signature reveals loss of homeostatic microglia associated with neurodegeneration of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 1	73 37
243	mTOR-dependent translation amplifies microglia priming in aging mice. 2021 , 131,	15
242	Sex differences in microglia as a risk factor for Alzheimer's disease. 2021 , 79-104	0
241	Cell senescence in neuropathology: A focus on neurodegeneration and tumours. 2021 , 47, 359-378	9
240	Inflammation Spreading: Negative Spiral Linking Systemic Inflammatory Disorders and Alzheimer's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 638686	6.1 1
239	The Immune System's Role in the Consequences of Mild Traumatic Brain Injury (Concussion). 2021 , 12, 620698	8
238	Citrus Polyphenols in Brain Health and Disease: Current Perspectives. <i>Frontiers in Neuroscience</i> , 2021 , 15, 640648	5.1 12
237	Anti-Neuroinflammatory Potential of Polyphenols by Inhibiting NF- κ B to Halt Alzheimer's Disease. 2021 , 27, 402-414	14
236	Microglial identity and inflammatory responses are controlled by the combined effects of neurons and astrocytes. 2021 , 34, 108882	18

235	Covert strokes prior to Alzheimer's disease onset accelerate peri-lesional pathology but not cognitive deficits in an inducible APP mouse model. 2021 , 1754, 147233	1
234	Exploring new avenues for modifying course of progression of Alzheimer's disease: The rise of natural medicine. 2021 , 422, 117332	0
233	Bacterial Extracellular Vesicles and the Gut-Microbiota Brain Axis: Emerging Roles in Communication and Potential as Therapeutics. 2021 , 5, e2000540	0
232	Preclinical Marmoset Model for Targeting Chronic Inflammation as a Strategy to Prevent Alzheimer's Disease. 2021 , 9,	1
231	Trained Immunity: Reprogramming Innate Immunity in Health and Disease. 2021 , 39, 667-693	40
230	Impact of unilateral ureteral obstruction on cognition and neurodegeneration. 2021 , 169, 112-127	1
229	Targeting innate immunity to protect and cure Alzheimer's disease: opportunities and pitfalls. 2021 ,	4
228	Dual Roles of Microglia in the Basal Ganglia in Parkinson's Disease. 2021 , 22,	1
227	Neurological update: COVID-19. 2021 , 268, 4379-4387	7
226	White matter aging drives microglial diversity. 2021 , 109, 1100-1117.e10	38
225	Senescent Microglia: The Key to the Ageing Brain?. 2021 , 22,	4
224	The effect of aging and chronic microglia activation on the morphology and numbers of the cerebellar Purkinje cells. 2021 , 751, 135807	1
223	Curcumin protects against cognitive impairments in a rat model of chronic cerebral hypoperfusion combined with diabetes mellitus by suppressing neuroinflammation, apoptosis, and pyroptosis. 2021 , 93, 107422	8
222	TRPV1 sustains microglial metabolic reprogramming in Alzheimer's disease. 2021 , 22, e52013	7
221	Papaverine Exerts Neuroprotective Effect by Inhibiting NLRP3 Inflammasome Activation in an MPTP-Induced Microglial Priming Mouse Model Challenged with LPS. 2021 , 29, 295-302	3
220	Why is delirium more frequent in the elderly?. 2021 , 42, 3491-3503	4
219	Neuroinflammation in cognitive decline post-cardiac surgery (the FOCUS study): an observational study protocol. 2021 , 11, e044062	0
218	Microglia and modifiable life factors: Potential contributions to cognitive resilience in aging. 2021 , 405, 113207	6

217	The Role of Glia in Addiction: Dopamine as a Modulator of Glial Responses in Addiction. 2021 , 1	1
216	An emerging role for microglia in stress-effects on memory. 2021 ,	7
215	Epigenetic regulation of innate immune memory in microglia.	3
214	Distinct Features of Brain-Resident Macrophages: Microglia and Non-Parenchymal Brain Macrophages. 2021 , 44, 281-291	7
213	The Kynurenine Pathway in Traumatic Brain Injury: Implications for Psychiatric Outcomes. 2021 ,	4
212	Microglia in Aging and Alzheimer's Disease: A Comparative Species Review. 2021 , 10,	9
211	Expression and Cell Type-specific Localization of Inflammasome Sensors in the Spinal Cord of SOD1 Mice and Sporadic Amyotrophic lateral sclerosis Patients. 2021 , 463, 288-302	5
210	The Impact of Obesity on Microglial Function: Immune, Metabolic and Endocrine Perspectives. 2021 , 10,	4
209	Catalysts for change: the cellular neurobiology of psychedelics. 2021 , 32, 1135-1144	6
208	Microglial IL-10 and Endorphin expression mediates gabapentinoids antineuropathic pain. 2021 , 95, 344-361	6
207	Role of TREM2 in Alzheimer's Disease: A Long Road Ahead. 2021 , 58, 5239-5252	2
206	Diversity of transcriptomic microglial phenotypes in aging and Alzheimer's disease. 2021 ,	6
205	Telomere Length Shortening in Microglia: Implication for Accelerated Senescence and Neurocognitive Deficits in HIV. 2021 , 9,	1
204	Maternal immune activation and neuroinflammation in human neurodevelopmental disorders. <i>Nature Reviews Neurology</i> , 2021 , 17, 564-579	15 30
203	The key role of autophagy in silver nanoparticle-induced BV2 cells inflammation and polarization. 2021 , 154, 112324	0
202	Synthesis and In Vitro Characterization of Glycopeptide Drug Candidates Related to PACAP. 2021 , 26,	0
201	Neuroinflammatory Signaling in the Pathogenesis of Alzheimer's Disease. 2021 ,	5
200	The relevance of the endocrine condition in microglia morphology and dendrite complexity of doublecortin-associated neurons in young adult and middle-aged female rats exposed to acute stress. 2021 , 54, 5293-5309	1

199	Honokiol Restores Microglial Phagocytosis by Reversing Metabolic Reprogramming. 2021 , 82, 1475-1485	1
198	Role of Vitamin E and the Orexin System in Neuroprotection. 2021 , 11,	3
197	The Amyloid- β Pathway in Alzheimer's Disease. 2021 ,	63
196	What telomeres teach us about MS. 2021 , 54, 103084	1
195	Transcriptome analysis of human dorsal striatum implicates attenuated canonical WNT signaling in neuroinflammation and in age-related impairment of striatal neurogenesis and synaptic plasticity. 2021 , 39, 247-266	1
194	NLRP3 Inflammasome Is Involved in Cocaine-Mediated Potentiation on Behavioral Changes in CX3CR1-Deficient Mice. 2021 , 11,	1
193	Regulation of the cognitive aging process by the transcriptional repressor RP58.	
192	SFRP1 modulates astrocyte-to-microglia crosstalk in acute and chronic neuroinflammation. 2021 , 22, e51696	3
191	The Role of Adaptive and Innate Immunity in Alzheimer's Disease. 2021 , 213-232	
190	Macrophages in the cochlea; an immunological link between risk factors and progressive hearing loss. 2022 , 70, 219-238	2
189	Primed for addiction: A critical review of the role of microglia in the neurodevelopmental consequences of adolescent alcohol drinking. 2021 , 45, 1908-1926	2
188	Role of Inflammation in Lewy Body Dementia. 2021 , 190-212	
187	(-)-Syringaresinol suppressed LPS-induced microglia activation via downregulation of NF- κ B p65 signaling and interaction with ER α 2021 , 99, 107986	3
186	Immune environment of the brain in schizophrenia and during the psychotic episode: A human post-mortem study. 2021 , 97, 319-327	3
185	Immune function, cortisol, and cognitive decline & dementia in an aging latino population. 2021 , 133, 105414	1
184	Microglia-Astrocytes Crosstalk and the Role of Steroid Hormones on Cognitive Decline: Promising Interventions Strategies. 2022 , 732-742	
183	Emerging evidence of Toll-like receptors as a putative pathway linking maternal inflammation and neurodevelopmental disorders in human offspring: A systematic review. 2022 , 99, 91-105	2
182	Microglial Turnover in Ageing-Related Neurodegeneration: Therapeutic Avenue to Intervene in Disease Progression. 2021 , 10,	9

181	MEK1/2 activity modulates TREM2 cell surface recruitment. 2021 , 296, 100218	0
180	Promising Intervention Approaches to Potentially Resolve Neuroinflammation And Steroid Hormones Alterations in Alzheimer's Disease and Its Neuropsychiatric Symptoms. 2021 , 12, 1337-1357	3
179	Trained Innate Immunity and Its Implications for Mucosal Immunity and Inflammation. 2019 , 1197, 11-26	10
178	Microglial Dysfunction in Brain Aging and Neurodegeneration. 2018 , 1-15	2
177	Molecular and Cellular Aspects of Macrophage Aging. 2019 , 1631-1663	2
176	Insulin activates microglia and increases COX-2/IL-1 β expression in young but not in aged hippocampus. 2020 , 1741, 146884	4
175	Challenges in researching the immune pathways between early life adversity and psychopathology. 2020 , 32, 1597-1624	5
174	Inflammation: major denominator of obesity, Type 2 diabetes and Alzheimer's disease-like pathology?. 2020 , 134, 547-570	18
173	SARM1 acts downstream of neuroinflammatory and necroptotic signaling to induce axon degeneration. 2020 , 219,	41
172	Electroconvulsive stimulation attenuates chronic neuroinflammation. 2020 , 5,	7
171	Transcriptional control of microglia phenotypes in health and disease. 2017 , 127, 3220-3229	86
170	Genome-wide transcriptomic analysis of microglia reveals impaired responses in aged mice after cerebral ischemia. 2020 , 40, S49-S66	19
169	Curcumin Alleviates Lipopolysaccharide (LPS)-Activated Neuroinflammation via Modulation of miR-199b-5p/IB Kinase α (IKK α)/Nuclear Factor Kappa B (NF- κ B) Pathway in Microglia. 2019 , 25, 9801-9810	14
168	Altered Blood Biomarker Profiles in Athletes with a History of Repetitive Head Impacts. 2016 , 11, e0159929	29
167	Mechanisms Underlying Interferon- γ -Induced Priming of Microglial Reactive Oxygen Species Production. 2016 , 11, e0162497	28
166	[Development of preclinical diagnosis and preventive treatment of neurodegenerative diseases]. 2015 , 115, 4-14	5
165	Alzheimer's disease as a systems network disorder: chronic stress/dyshomeostasis, innate immunity, and genetics. 2020 , 12, 17815-17844	6
164	TREM2 ameliorates neuroinflammatory response and cognitive impairment via PI3K/AKT/FoxO3a signaling pathway in Alzheimer's disease mice. 2020 , 12, 20862-20879	21

163	Assessing amyloid- β , tau, and glial features in Lothian Birth Cohort 1936 participants post-mortem.	1
162	Microglial priming in Alzheimer's disease. 2018 , 6, 176	36
161	The Impact of Phytosterols on the Healthy and Diseased Brain. 2019 , 26, 6750-6765	7
160	The Cytoprotective and Anti-cancer Potential of Bisbenzylisoquinoline Alkaloids from. 2019 , 19, 2940-2957	12
159	Impact of Dietary Fats on Brain Functions. 2018 , 16, 1059-1085	49
158	Combating Neurodegenerative Diseases with the Plant Alkaloid Berberine: Molecular Mechanisms and Therapeutic Potential. 2019 , 17, 563-579	22
157	Adjudin--A Male Contraceptive with Other Biological Activities. 2015 , 9, 63-73	6
156	At the Crossroads Between Neurodegeneration and Cancer: A Review of Overlapping Biology and Its Implications. 2018 , 11, 77-89	37
155	Curcumin and Its Derivatives as Theranostic Agents in Alzheimer's Disease: The Implication of Nanotechnology. 2020 , 22,	20
154	Neuroimmunomodulation Countering Various Diseases, Disorders, Infections, Stress and Aging. 2015 , 11, 76-94	4
153	Headmasters: Microglial regulation of learning and memory in health and disease. 2018 , 5, 63-89	5
152	Parkinson's disease: Microglial/macrophage-induced immunoexcitotoxicity as a central mechanism of neurodegeneration. 2017 , 8, 65	37
151	Platelet Behavior Contributes to Neuropathologies: A Focus on Alzheimer's and Parkinson's Disease. 2021 ,	1
150	A Neuroscience Primer for Integrating Geroscience with the Neurobiology of Aging. 2021 ,	1
149	Diffusion-weighted MR spectroscopy (DW-MRS) is sensitive to LPS-induced changes in human glial morphometry: A preliminary study. 2022 , 99, 256-265	2
148	Neuroimmune multi-hit perspective of coronaviral infection. 2021 , 18, 231	3
147	Emerging Roles of Microglia in Neuro-vascular Unit: Implications of Microglia-Neurons Interactions. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 706025	6.1 1
146	Effect of APOE alleles on the glial transcriptome in normal aging and Alzheimer's disease. 2021 , 1, 919-931	0

- 145 Identification of distinct and age-dependent p16 microglia subtypes. **2021**, 20, e13450 2
- 144 Glial Cells. **2015**, 1-12
- 143 Cardiometabolic Risk, Inflammation, and Neurodegenerative Disorders. **2015**, 133-159
- 142 Compendium of Inflammatory Diseases. **2016**, 527-537
- 141 Microglia. 225-233
- 140 Molecular and Cellular Aspects of Macrophage Aging. **2018**, 1-32
- 139 Neuroinflammation as a preventive and therapeutic target for postoperative neurocognitive disorders. **2018**, 25, 12-19 2
- 138 Traumatic Brain Injury-Associated Microglia Adopt Longitudinal Transcriptional Changes Consistent with Long-Term Depression of Synaptic Strength.
- 137 Microglial Dysfunction in Brain Aging and Neurodegeneration. **2019**, 2337-2351
- 136 TET2 regulates the neuroinflammatory response in microglia. 1
- 135 Anti-neuroinflammatory Effect of Newly Synthesized Iridium Metal Complexes in LPS-induced Microglia Cells. **2019**, 15, 933-943
- 134 SFRP1 shapes astrocyte to microglia cross-talk in acute and chronic neuroinflammation. 1
- 133 Versatile live-cell activity analysis platform for characterization of neuronal dynamics at single-cell and network level. 1
- 132 A Cautionary Note for COVID-19 Survivors: Potential Long-term Risk for Alzheimer's Disease. **2020**, 9, 315-317
- 131 Microglia and Astrocytes in Alzheimer's Disease in the Context of the Aberrant Copper Homeostasis Hypothesis. **2021**, 11, 1
- 130 Age-related immune alterations and cerebrovascular inflammation. **2021**, 4
- 129 A comparison of blood and brain-derived ageing and inflammation-related DNA methylation signatures and their association with microglial burdens. 1
- 128 Immune System and Macrophage Activation in the Cochlea: Implication for Therapeutic Intervention. **2020**, 113-134

127	Two Faces of Macrophages: Training and Tolerance. 2021 , 9,	3
126	Can COVID-19 exacerbate multiple sclerosis symptoms? A case series analysis.. 2022 , 57, 103368	4
125	Malate-aspartate shuttle inhibitor aminooxyacetic acid blocks lipopolysaccharides-induced activation of BV2 microglia. 2017 , 9, 58-63	2
124	[Establishment of a vimentin knockout and HIV-1 gp120 transgenic mouse model]. 2020 , 40, 519-524	
123	[Role of pyroptosis in bilirubin-induced microglial injury]. 2020 , 22, 1027-1033	
122	Developmental Mechanisms of CPSP: Clinical Observations and Translational Laboratory Evaluations.	0
121	Mechanism of Action of Radiofrequency Ablation. 2021 , 7-29	0
120	Gut-Brain Axis: Probiotic Interactions and Implications for Human Mental Health. 2022 , 261-280	
119	Microglial replacement in the aged brain restricts neuroinflammation following intracerebral hemorrhage.. 2022 , 13, 33	2
118	SARS-CoV-2 spike S1 subunit induces neuroinflammatory, microglial and behavioral sickness responses: Evidence of PAMP-like properties.. 2021 , 100, 267-277	14
117	TGF- β /SMADs signaling involved in alleviating inflammation induced by nanoparticulate titanium dioxide in BV2 cells.. 2022 , 80, 105303	0
116	A Unique Type of Highly-Activated Microglia Evoking Brain Inflammation via Mif/Cd74 Signaling Axis in Aged Mice. 2021 , 12, 2125-2139	2
115	Single-cell Transcriptomic Profiling of the Hypothalamic Median Eminence during Aging.. 2022 ,	0
114	Inhibition of Nigral Microglial Activation Reduces Age-Related Loss of Dopaminergic Neurons and Motor Deficits.. 2022 , 11,	0
113	MicroRNA-129-5p-regulated microglial expression of the surface receptor CD200R1 controls neuroinflammation.. 2021 , 101521	1
112	Aged Microglia in Neurodegenerative Diseases: Microglia Lifespan and Culture Methods.. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 766267	5-3 5
111	The oxidative and inflammatory nature of age-related macular degeneration. 2022 , 10, 3	
110	Deciphering the contributions of neuroinflammation to neurodegeneration: lessons from antibody-mediated encephalitis and coronavirus disease 2019.. 2022 , 35,	1

109	Microglial inflammation and cognitive dysfunction in comorbid rat models of striatal ischemic stroke and alzheimer's disease: effects of antioxidant catalase-SKL on behavioral and cellular pathology.. 2022 ,	1
108	Gestational and lactational exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin primes cortical microglia to tissue injury.. 2022 , 101, 288-288	0
107	Opioid-induced microglia reactivity modulates opioid reward, analgesia, and behavior.. 2022 , 104544	2
106	Neuroprotective effects of naturally sourced bioactive polysaccharides: an update.. 2022 , 17, 1907-1912	4
105	Prenatal and early postnatal exposure to ambient particulate matter and early childhood neurodevelopment: A birth cohort study.. 2022 , 210, 112946	1
104	Untangling senescent and damage-associated microglia in the aging and diseased brain. 2021 ,	3
103	Amyloid Beta Pathology Exacerbates Weight Loss and Brain Cytokine Responses following Low-Dose Lipopolysaccharide in Aged Female Tg2576 Mice.. 2022 , 23,	1
102	Microbiota-microglia connections in age-related cognition decline.. 2022 , e13599	1
101	Lipid Accumulation Induced by APOE4 Impairs Microglial Surveillance of Neuronal-Network Activity.	0
100	Trained immunity: A Yin-Yang balance.. 2022 , 3, e121	0
99	Prophylactic and therapeutic insights into trained immunity: A renewed concept of innate immune memory.. 2022 , 1-19	2
98	The Obese Brain: Mechanisms of Systemic and Local Inflammation, and Interventions to Reverse the Cognitive Deficit.. 2022 , 16, 798995	2
97	Intravitreal Injection of PACAP Attenuates Acute Ocular Hypertension-Induced Retinal Injury Via Anti-Apoptosis and Anti-Inflammation in Mice.. 2022 , 63, 18	0
96	Good, bad, and neglectful: Astrocyte changes in neurodegenerative disease.. 2022 , 182, 93-99	0
95	A comparison of blood and brain-derived ageing and inflammation-related DNA methylation signatures and their association with microglial burdens.. 2022 ,	0
94	Comparative Risk of Alzheimer Disease and Related Dementia Among Medicare Beneficiaries With Rheumatoid Arthritis Treated With Targeted Disease-Modifying Antirheumatic Agents.. 2022 , 5, e226567	0
93	Inflammation in dementia with Lewy bodies.. 2022 , 105698	2
92	HMGB1 signaling pathway in diabetes-related dementia: Blood-brain barrier breakdown, brain insulin resistance, and A β accumulation.. 2022 , 150, 112933	1

- 91 Biological Aging of CNS-Resident Cells Alters the Clinical Course and Immunopathology of Autoimmune Demyelinating Disease.
- 90 Melatonin for prevention of postoperative delirium after lower limb fracture surgery in elderly patients (DELIRLESS): study protocol for a multicentre randomised controlled trial.. **2021**, 11, e053908 ○
- 89 Current Methods for the Isolation and Cultivation of Microglia (Review).. **2021**, 13, 89-100
- 88 Microglial depletion abolishes ischemic preconditioning in white matter.. **2021**, ○
- 87 Microglia Aging. **2022**, 565-592
- 86 Biphasic Role of Microglia in Healthy and Diseased Brain. **2022**, 507-537
- 85 Microglial cell response in $\alpha 7$ nicotinic acetylcholine receptor-deficient mice after systemic infection with Escherichia coli.. **2022**, 19, 94 ○
- 84 Microglial FABP4-UCP2 Axis Modulates Neuroinflammation and Cognitive Decline in Obese Mice.. **2022**, 23, 1
- 83 Data_Sheet_1.docx. **2018**,
- 82 Image_1.jpg. **2018**,
- 81 Table_1.DOCX. **2019**,
- 80 DataSheet_1.doc. **2018**,
- 79 Image_1.TIF. **2018**,
- 78 Image_2.TIF. **2018**,
- 77 Table_1.DOCX. **2020**,
- 76 Data_Sheet_1.docx. **2018**,
- 75 Image_1.JPEG. **2018**,
- 74 Image_2.JPEG. **2018**,

73	Image_3.JPEG. 2018,		
72	Data_Sheet_1.docx. 2019,		
71	Genetically modified mice for research on human diseases: A triumph for Biotechnology or a work in progress?. 2022, 6, 61-88		
70	Vagus Nerve Stimulation as a Potential Therapy in Early Alzheimer's Disease: A Review.. 2022, 16, 866434		1
69	Biological aging of CNS-resident cells alters the clinical course and immunopathology of autoimmune demyelinating disease.. 2022,		0
68	Novel and Potent Acetylcholinesterase Inhibitors for the Treatment of Alzheimer's Disease from Natural (E)-7,8-Dihydroxy-3-methyl-isochroman-4-one. 2022, 27, 3090		0
67	Priming of microglia by type II interferon is lasting and resistant to modulation by interleukin-10 in situ.. 2022, 368, 577881		0
66	Exacerbated immune response of the brain to peripheral immune challenge in post-septic mice.. 2022, 185, 74-85		0
65	Do Sleep Disturbances have a Dual Effect on Alzheimer's Disease?. 2022,		0
64	Epigenetic regulation of innate immune memory in microglia.. 2022, 19, 111		1
63	Effects of 3-Methyladenine on Microglia Autophagy and Neuronal Apoptosis After Radiation-Induced Brain Injury. 2022, 20, 155932582211005		0
62	Long-term priming of hypothalamic microglia is associated with energy balance disturbances under diet-induced obesity.		0
61	Anti-Inflammatory Mechanism of An Alkaloid Rutaecarpine in LTA-Stimulated RAW 264.7 Cells: Pivotal Role on NF- κ B and ERK/p38 Signaling Molecules. 2022, 23, 5889		0
60	Yeni Se \ddot{u} ti Fosfoinositid 3-Kinaz Gama \ddot{u} hibit \ddot{u} lerinin \ddot{u} Siliko Yakla \ddot{u} mlarla Belirlenmesi. 957-966		
59	The Impact of a High-Sodium Diet Regimen on Cerebrovascular Morphology and Cerebral Perfusion in a Mouse Model for Alzheimer's Disease.		
58	Functional and Phenotypic Diversity of Microglia: Implication for Microglia-Based Therapies for Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 14,	5.3	0
57	Phagocytic microglia and macrophages in brain injury and repair. <i>CNS Neuroscience and Therapeutics</i> ,	6.8	0
56	Pathological and neurophysiological outcomes of seeding human-derived tau pathology in the APP-KI NL-G-F and NL-NL mouse models of Alzheimer's Disease. <i>Acta Neuropathologica Communications</i> , 2022, 10,	7.3	0

55	Age-related changes in multiple sclerosis and experimental autoimmune encephalomyelitis. <i>Seminars in Immunology</i> , 2022 , 101631	10.7	o
54	Microglial Priming in Infections and Its Risk to Neurodegenerative Diseases. <i>Frontiers in Cellular Neuroscience</i> , 16,	6.1	o
53	Neuroinflammation: A Distal Consequence of Periodontitis. <i>Journal of Dental Research</i> , 0022034522110201	20.1	1
52	Rodent Modeling of Alzheimer's Disease in Down Syndrome: In vivo and ex vivo Approaches. <i>Frontiers in Neuroscience</i> , 16,	5.1	o
51	Reparative inflammation in multiple sclerosis. <i>Seminars in Immunology</i> , 2022 , 101630	10.7	o
50	Acquired immunity and Alzheimer's disease. <i>Journal of Biomedical Research</i> , 2022 , 36, 1	1.5	
49	Improvement of amyotrophic lateral sclerosis symptoms using plant extracts. 2022 , 101-115		
48	Anxiety-like behavior and microglial activation in the amygdala after acute neuroinflammation induced by microbial neuraminidase. <i>Scientific Reports</i> , 2022 , 12,	4.9	o
47	Microbial neuraminidase induces TLR4-dependent long-term immune priming in the brain. <i>Frontiers in Cellular Neuroscience</i> , 16,	6.1	o
46	Therapeutic roles of plants for 15 hypothesised causal bases of Alzheimer's disease. 2022 , 12,		o
45	Host-microbiota interactions: The aryl hydrocarbon receptor in the acute and chronic phases of cerebral ischemia. 13,		
44	Synthetic PPAR Agonist DTMB Alleviates Alzheimer's Disease Pathology by Inhibition of Chronic Microglial Inflammation in 5xFAD Mice.		o
43	Microglia: Rheostats of space radiation effects in the CNS microenvironment. 2022 ,		
42	The neuroimmune system where aging and excess alcohol intersect. 2022 ,		o
41	Anti-inflammatory effects of ellagic acid and vanillic acid against quinolinic acid-induced rat model of Huntington's disease by targeting IKK-NF- κ B pathway. 2022 , 175316		1
40	Association of maternal autoimmune disease and early childhood infections with offspring autism spectrum disorder: A population-based cohort study.		1
39	Microglial response in triggering receptor expressed on myeloid cells 2 (TREM2) knock-out mice after systemic stimulation with Escherichia coli. 2022 , 790, 136894		o
38	Immunosenescence of brain accelerates Alzheimer's disease progression. 2023 , 34, 85-101		o

37	Anti-Inflammatory Properties of the SGLT2 Inhibitor Empagliflozin in Activated Primary Microglia. 2022 , 11, 3107	0
36	Alzheimer's Disease: From Immune Homeostasis to Neuroinflammatory Condition. 2022 , 23, 13008	3
35	Microglial Hemoxygenase-1 Deletion Reduces Inflammation in the Retina of Old Mice with Tauopathy. 2022 , 11, 2151	0
34	Interferon α master cytokine in microglia-mediated neural network dysfunction and neurodegeneration. 2022 ,	1
33	Guanidine-based β amyloid precursor protein cleavage enzyme 1 (BACE-1) inhibitors for the Alzheimer's disease (AD): A review. 2022 , 74, 117047	1
32	The Missing Piece? A Case for Microglia's Prominent Role in the Therapeutic Action of Anesthetics, Ketamine, and Psychedelics.	1
31	Microglial Dysfunction in Neurodegenerative Diseases via RIPK1 and ROS. 2022 , 11, 2201	0
30	Fetuin-A alleviates neuroinflammation against traumatic brain injury-induced microglial necroptosis by regulating Nrf-2/HO-1 pathway. 2022 , 19,	1
29	A Biodistribution Study of the Radiolabeled Kv1.3-Blocking Peptide DOTA-HsTX1[R14A] Demonstrates Brain Uptake in a Mouse Model of Neuroinflammation.	0
28	High fat diet exacerbates long-term metabolic, neuropathological, and behavioral derangements in an experimental mouse model of traumatic brain injury. 2023 , 314, 121316	0
27	Reactive Microgliosis in Sepsis-Associated and Acute Hepatic Encephalopathies: An Ultrastructural Study. 2022 , 23, 14455	0
26	Selective Vulnerability of the Locus Coeruleus Noradrenergic System and its Role in Modulation of Neuroinflammation, Cognition, and Neurodegeneration. 13,	0
25	Multiregion transcriptomic profiling of the primate brain reveals signatures of aging and the social environment. 2022 , 25, 1714-1723	0
24	Neutrophil dynamics and inflammaging in acute ischemic stroke: A transcriptomic review. 14,	0
23	Correction: La Torre et al. Role of Vitamin E and the Orexin System in Neuroprotection. Brain Sci. 2021, 11, 1098. 2022 , 12, 1709	0
22	GC1f Vitamin D Binding Protein Isoform as a Marker of Severity in Autism Spectrum Disorders. 2022 , 14, 5153	0
21	Guizhi Fuling capsule relieves memory deficits by inhibition of microglial neuroinflammation through blocking JAK2/STAT3 pathway in presenilin1/2 conditional double knockout mice.	0
20	Microglial depletion exacerbates motor impairment and dopaminergic neuron loss in a 6-OHDA model of Parkinson's disease. 2023 , 578019	0

- 19 Exosomes: A missing link between chronic systemic inflammation and Alzheimer's disease?. **2023**, 159, 114161
- 18 Blood-CNS barrier dysfunction in amyotrophic lateral sclerosis: Proposed mechanisms and clinical implications. 0271678X2311532
- 17 The impact of a high-sodium diet regimen on cerebrovascular morphology and cerebral perfusion in Alzheimer's disease. **2023**, 4, 100161
- 16 Development of an AAV-based model of tauopathy targeting retinal ganglion cells and the mouse visual pathway to study the role of microglia in Tau pathology. **2023**, 106116
- 15 Role of nuclear factor of activated T Cells-1 in Sepsis-induced behavioral deficits in mice. **2023**, 1806, 148299
- 14 Microglial Priming in Bilirubin-Induced Neurotoxicity.
- 13 Intermittent hypoxia treatments cause cellular priming in human microglia. **2023**, 27, 819-830
- 12 Effect of acupuncture on neuroinflammation in animal models of Alzheimer's disease: A preclinical systematic review and meta-analysis. 15,
- 11 Training vs. Tolerance: The Yin/Yang of the Innate Immune System. **2023**, 11, 766
- 10 Gap Junctions and Connexins in Microglia-Related Oxidative Stress and Neuroinflammation: Perspectives for Drug Discovery. **2023**, 13, 505
- 9 Brain. **2023**, 189-202
- 8 Microglial immune regulation by epigenetic reprogramming through histone H3K27 acetylation in neuroinflammation. 14,
- 7 Capsaicin: A Potential Treatment to Improve Cerebrovascular Function and Cognition in Obesity and Ageing. **2023**, 15, 1537
- 6 Lipopolysaccharide Preconditioning Restricts Microglial Overactivation and Alleviates Inflammation-Induced Depressive-like Behavior in Mice. **2023**, 13, 549
- 5 Protein Phosphatase 2A Regulates Phenotypic and Metabolic Alteration of Microglia Cells in HFD-Associated Vascular Dementia Mice via TNF- α /Arg-1 Axis.
- 4 Naive Huntington's disease microglia mount a normal response to inflammatory stimuli but display impaired development of innate immune tolerance that can be counteracted by ganglioside GM1.
- 3 Diminazene Ameliorates Neuroinflammation by Suppression of Astrocytic miRNA-224-5p/NLRP3 Axis in Alzheimer's Disease Model. Volume 16, 1639-1652
- 2 Aging microglia. **2023**, 80,

1 Association between APOE genotype and microglial cell morphology.

o