

White matter aging drives microglial diversity

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Citation Report

#	ARTICLE	IF	CITATIONS
2	The Role of Microglia in Inherited White-Matter Disorders and Connections to Frontotemporal Dementia. <i>The Application of Clinical Genetics</i> , 2021, Volume 14, 195-207.	1.4	12
3	Microglial Function and Regulation during Development, Homeostasis and Alzheimer's Disease. <i>Cells</i> , 2021, 10, 957.	1.8	24
4	Microglia Phenotypes Converge in Aging and Neurodegenerative Disease. <i>Frontiers in Neurology</i> , 2021, 12, 660720.	1.1	26
5	Distinct Features of Brain-Resident Macrophages: Microglia and Non-Parenchymal Brain Macrophages. <i>Molecules and Cells</i> , 2021, 44, 281-291.	1.0	36
6	Dissociation of microdissected mouse brain tissue for artifact free single-cell RNA sequencing. <i>STAR Protocols</i> , 2021, 2, 100590.	0.5	14
8	Dysregulation of brain and choroid plexus cell types in severe COVID-19. <i>Nature</i> , 2021, 595, 565-571.	13.7	406
9	Acute TBK1/IKK- μ Inhibition Enhances the Generation of Disease-Associated Microglia-Like Phenotype Upon Cortical Stab-Wound Injury. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 684171.	1.7	11
11	The multicellular interplay of microglia in health and disease: lessons from leukodystrophy. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	1.2	9
12	Microglia in Alzheimer's disease at single-cell level. Are there common patterns in humans and mice?. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	147
13	Microglia as hackers of the matrix: sculpting synapses and the extracellular space. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2472-2488.	4.8	61
14	Microglial lysosome dysfunction contributes to white matter pathology and TDP-43 proteinopathy in GRN-associated FTD. <i>Cell Reports</i> , 2021, 36, 109581.	2.9	33
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16	Editorial Focus: White matter-associated microglia (WAMs) represent an important link between aging, white matter disease and microglial activity. <i>GeroScience</i> , 2022, 44, 63-65.	2.1	4
17	Glial and myeloid heterogeneity in the brain tumour microenvironment. <i>Nature Reviews Cancer</i> , 2021, 21, 786-802.	12.8	83
18	Implications for microglial sex differences in tau-related neurodegenerative diseases. <i>Neurobiology of Aging</i> , 2021, 105, 340-348.	1.5	10
19	Current tools to interrogate microglial biology. <i>Neuron</i> , 2021, 109, 2805-2819.	3.8	30
20	The emerging tale of microglia in psychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 1-29.	2.9	53
21	OUP accepted manuscript. <i>Brain</i> , 2021, , .	3.7	1

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23	Characteristics of Neural Network Changes in Normal Aging and Early Dementia. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 747359.	1.7	20
24	Replenishing the Aged Brains: Targeting Oligodendrocytes and Myelination?. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 760200.	1.7	10
25	Pathogen Invasion Reveals the Differential Plasticity and Fate of Resident and Recruited Brain Macrophages During the Onset and Resolution of Disease. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
26	Spatial transcriptomic analysis reveals inflammatory foci defined by senescent cells in the white matter, hippocampi and cortical grey matter in the aged mouse brain. <i>GeroScience</i> , 2022, 44, 661-681.	2.1	25
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28	The roles of microglia and astrocytes in phagocytosis and myelination: Insights from the cuprizone model of multiple sclerosis. <i>Glia</i> , 2022, 70, 1215-1250.	2.5	49
29	White matter-associated microglia: New players in brain aging and neurodegenerative diseases. <i>Ageing Research Reviews</i> , 2022, 75, 101574.	5.0	20
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31	Organelle dysfunction and its contribution to metabolic impairments in aging and age-related diseases. <i>Current Opinion in Systems Biology</i> , 2022, 30, 100416.	1.3	1
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33	Neurodegenerative phagocytes mediate synaptic stripping in Neuro-HIV. <i>Brain</i> , 2022, 145, 2730-2741.	3.7	7
36	Editorial: Journey to the Center of the Brain: Cell Physiology and Intercellular Communication in White Matter. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 864368.	1.8	0
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40	Microglia Drive Pockets of Neuroinflammation in Middle Age. <i>Journal of Neuroscience</i> , 2022, 42, 3896-3918.	1.7	19
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48	Vascular cognitive impairment and dementia: An early career researcher perspective. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12310.	1.2	10
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61	The nervous system during COVID-19: Caught in the crossfire. <i>Immunological Reviews</i> , 2022, 311, 90-111.	2.8	9
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