

# Diffuse microvascular dysfunction and loss of white matter outcomes in patients with acute ischemic stroke

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Functional morphology of the bloodâ€“brain barrier in health and disease. <i>Acta Neuropathologica</i> , 2018, 135, 311-336.	7.7	543
2	Increased blood-brain barrier permeability in contralateral hemisphere predicts worse outcome in acute ischemic stroke after reperfusion therapy. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 937-941.	3.3	8
3	Understanding the role of the perivascular space in cerebral small vessel disease. <i>Cardiovascular Research</i> , 2018, 114, 1462-1473.	3.8	211
4	The peripheral immune response after strokeâ€“A double edge sword for bloodâ€“brain barrier integrity. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 1115-1128.	3.9	59
5	White Matter Integrity and Early Outcomes After Acute Ischemic Stroke. <i>Translational Stroke Research</i> , 2019, 10, 630-638.	4.2	36
6	Neutralization of interleukinâ€“9 ameliorates experimental stroke by repairing the bloodâ€“brain barrier via downâ€“regulation of astrocyteâ€“derived vascular endothelial growth factorâ€“A. <i>FASEB Journal</i> , 2019, 33, 4376-4387.	0.5	31
7	Distinctive functional deficiencies in axonal conduction associated with two forms of cerebral white matter injury. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 1018-1029.	3.9	10
8	Small vessel disease: mechanisms and clinical implications. <i>Lancet Neurology</i> , The, 2019, 18, 684-696.	10.2	853
9	Quantifying bloodâ€“brain barrier leakage in small vessel disease: Review and consensus recommendations. <i>Alzheimer's and Dementia</i> , 2019, 15, 840-858.	0.8	134
10	Leukoaraiosis Predicts Short-term Cognitive But not Motor Recovery in Ischemic Stroke Patients During Rehabilitation. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1597-1603.	1.6	19
11	Sex-specific differences in white matter microvascular integrity after ischaemic stroke. <i>Stroke and Vascular Neurology</i> , 2019, 4, 198-205.	3.3	9
12	Relationships between <i>DMD</i> mutations and neurodevelopment in dystrophinopathy. <i>Neurology</i> , 2019, 93, e1597-e1604.	1.1	40
13	Post-stroke administration of omega-3 polyunsaturated fatty acids promotes neurovascular restoration after ischemic stroke in mice: Efficacy declines with aging. <i>Neurobiology of Disease</i> , 2019, 126, 62-75.	4.4	31
14	Emerging insights from the genetics of cerebral smallâ€“vessel disease. <i>Annals of the New York Academy of Sciences</i> , 2020, 1471, 5-17.	3.8	15
15	TGFÎ± preserves oligodendrocyte lineage cells and improves white matter integrity after cerebral ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 639-655.	4.3	67
16	Normal-Appearing White Matter Integrity Is a Predictor of Outcome After Ischemic Stroke. <i>Stroke</i> , 2020, 51, 449-456.	2.0	24
17	NG2-glia cell proliferation and differentiation by glial growth factor 2 (GGF2), a strategy to promote functional recovery after ischemic stroke. <i>Biochemical Pharmacology</i> , 2020, 171, 113720.	4.4	17
18	Demyelinating processes in aging and stroke in the central nervous system and the prospect of treatment strategy. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 1219-1229.	3.9	29

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19	Different Perivascular Space Burdens in Idiopathic Rapid Eye Movement Sleep Behavior Disorder and Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 580853.	3.4	20
20	Effects of White Matter Hyperintensities on 90-Day Functional Outcome after Large Vessel and Non-Large Vessel Stroke. <i>Cerebrovascular Diseases</i> , 2020, 49, 419-426.	1.7	7
21	The <scp>ENIGMA</scp> Stroke Recovery Working Group: Big data neuroimaging to study brain-behavior relationships after stroke. <i>Human Brain Mapping</i> , 2022, 43, 129-148.	3.6	54
22	Cystatin C is a potential predictor of unfavorable outcomes for cerebral ischemia with intravenous tissue plasminogen activator treatment: A multicenter prospective nested case-control study. <i>European Journal of Neurology</i> , 2021, 28, 1265-1274.	3.3	9
23	Microglial vesicles improve post-stroke recovery by preventing immune cell senescence and favoring oligodendrogenesis. <i>Molecular Therapy</i> , 2021, 29, 1439-1458.	8.2	55
24	Biphasic roles of pentraxin 3 in cerebrovascular function after white matter stroke. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 60-70.	3.9	8
25	White Matter Acute Infarct Volume After Thrombectomy for Anterior Circulation Large Vessel Occlusion Stroke is Associated with Long Term Outcomes. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105567.	1.6	28
26	Two-step machine learning method for the rapid analysis of microvascular flow in intravital video microscopy. <i>Scientific Reports</i> , 2021, 11, 10047.	3.3	6
27	Management tactics in patients with chronic cerebral ischemia during COVID-19 pandemic. <i>Nevrologiya, Neiropsikhiatriya, Psikhosomatika</i> , 2021, 13, 4-11.	1.2	3
28	Multispectral intravital microscopy for simultaneous bright-field and fluorescence imaging of the microvasculature. <i>Applied Microscopy</i> , 2021, 51, 12.	1.4	3
29	A Novel Cerebroprotein Hydrolysate, CH1, Ameliorates Chronic Focal Cerebral Ischemia Injury by Promoting White Matter Integrity via the Shh/Ptch-1/Gli-1 Signaling Pathway. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 3209-3224.	2.2	4
30	Global white matter structural integrity mediates the effect of age on ischemic stroke outcomes. <i>International Journal of Stroke</i> , 2021, , 174749302110559.	5.9	1
31	Transdiagnostic In Vivo Magnetic Resonance Imaging Markers of Neuroinflammation. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 638-658.	1.5	9
32	Intravital microscopic observation of the microvasculature during hemodialysis in healthy rats. <i>Scientific Reports</i> , 2022, 12, 191.	3.3	1
33	Leukoaraiosis Mediates the Association of Total White Blood Cell Count With Post-Stroke Cognitive Impairment. <i>Frontiers in Neurology</i> , 2021, 12, 793435.	2.4	2
34	Normal-Appearing White Matter Deteriorates over the Year After an Ischemic Stroke and Is Associated with Global Cognition. <i>Translational Stroke Research</i> , 2022, 13, 716-724.	4.2	3
35	A timeline of oligodendrocyte death and proliferation following experimental subarachnoid hemorrhage. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 842-850.	3.9	7
36	White Matter Hyperintensities and Functional Outcomes in Patients With Cerebral Hemorrhage: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2022, 13, 820012.	2.4	0

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37	Astrocytic phagocytosis contributes to demyelination after focal cortical ischemia in mice. <i>Nature Communications</i> , 2022, 13, 1134.	12.8	52
38	Neuroinflammation, Stroke, Blood-Brain Barrier Dysfunction, and Imaging Modalities. <i>Stroke</i> , 2022, 53, 1473-1486.	2.0	165
39	Interleukin 13 promotes long-term recovery after ischemic stroke by inhibiting the activation of STAT3. <i>Journal of Neuroinflammation</i> , 2022, 19, 112.	7.2	22
40	Global changes in diffusion tensor imaging during acute ischemic stroke and post-stroke cognitive performance. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1854-1866.	4.3	5
41	The NG2-glia is a potential target to maintain the integrity of neurovascular unit after acute ischemic stroke. <i>Neurobiology of Disease</i> , 2023, 180, 106076.	4.4	4
42	Impaired intracranial venous outflow profiles are associated with poor outcome in stroke after reperfusion therapy: A hypoperfusion-matched intracranial venous scale. <i>European Journal of Radiology</i> , 2023, 161, 110745.	2.6	2
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44	Blood-Brain Barrier Permeability and Kinetics of Inflammatory Markers in Acute Stroke Patients Treated With Thrombectomy. <i>Neurology</i> , 2023, 101, .	1.1	2
45	Implications of MMP-12 in the pathophysiology of ischaemic stroke. <i>Stroke and Vascular Neurology</i> , 0, , svn-2023-002363.	3.3	1
46	Predictive role of pre-thrombolytic hs-CRP on the safety and efficacy of intravenous thrombolysis in acute ischemic stroke. <i>BMC Neurology</i> , 2023, 23, .	1.8	0
47	White Matter Hyperintensity Trajectories in Patients With Progressive and Stable Mild Cognitive Impairment. <i>Neurology</i> , 2023, 101, .	1.1	3
48	Modern understanding of the pathogenetic mechanisms of small vessel disease. <i>International Neurological Journal</i> , 2023, 19, 266-272.	0.2	0
49	Update on Hemodialysis-Induced Multiorgan Ischemia. <i>Journal of the American Society of Nephrology: JASN</i> , 2024, 35, 653-664.	6.1	0
50	Crosstalk Among Glial Cells in the Bloodâ€“Brain Barrier Injury After Ischemic Stroke. <i>Molecular Neurobiology</i> , 0, , .	4.0	0
51	Subtle white matter intensity changes on fluid-attenuated inversion recovery imaging in patients with ischaemic stroke. <i>Brain Communications</i> , 2024, 6, .	3.3	0