

Cerebral small vessel disease: from pathogenesis and clinical features to therapeutic challenges

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Hemorrhagic Pure Sensory Strokes in the Thalamus and Striatocapsular Area: Causes, Clinical Features and Long-Term Outcome. <i>European Neurology</i> , 2010, 64, 275-279.	0.6	7
2	Genetic variants of the NOTCH3 gene in the elderly and magnetic resonance imaging correlates of age-related cerebral small vessel disease. <i>Brain</i> , 2011, 134, 3384-3397.	3.7	108
3	Cerebral microbleeds: detection, mechanisms and clinical challenges. <i>Future Neurology</i> , 2011, 6, 587-611.	0.9	57
4	Review of Cerebral Microangiopathy and Alzheimer's Disease: Relation between White Matter Hyperintensities and Microbleeds. <i>Dementia and Geriatric Cognitive Disorders</i> , 2011, 32, 367-378.	0.7	47
5	Does cerebral small vessel disease predict future decline of cognitive function in elderly people with type 2 diabetes?. <i>Diabetes Research and Clinical Practice</i> , 2011, 94, 91-99.	1.1	50
6	2001-2011: A Decade of the LADIS (Leukoaraiosis And DISability) Study: What Have We Learned about White Matter Changes and Small-Vessel Disease?. <i>Cerebrovascular Diseases</i> , 2011, 32, 577-588.	0.8	258
7	Advances in Vascular Cognitive Impairment 2010. <i>Stroke</i> , 2011, 42, 291-293.	1.0	24
8	VI Sindem MEETING: Italian Association for the Study of Dementia linked to the Italian Neurological Society (SIN). <i>Journal of Alzheimer's Disease</i> , 2011, 23, S1-S87.	1.2	0
9	Associations between Ambulatory Blood Pressure Parameters and Cerebral White Matter Lesions. <i>International Journal of Hypertension</i> , 2011, 2011, 1-7.	0.5	20
10	Clinical Characterization of Symptomatic Microangiopathic Brain Lesions. <i>Frontiers in Neurology</i> , 2011, 2, 61.	1.1	3

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21	Pathogenesis of CADASIL. <i>BioEssays</i> , 2011, 33, 73-80.	1.2	111
22	Genetic Mouse Models of Neurodegenerative Diseases. <i>Progress in Molecular Biology and Translational Science</i> , 2011, 100, 419-482.	0.9	37
23	The Contribution of Mannose Binding Lectin to Reperfusion Injury after Ischemic Stroke. <i>Current Neurovascular Research</i> , 2011, 8, 52-63.	0.4	28
24	Calcification in Major Vessel Beds Relates to Vascular Brain Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2331-2337.	1.1	123
25	Incident lacunes influence cognitive decline. <i>Neurology</i> , 2011, 76, 1872-1878.	1.5	183
26	Connecting Cerebral White Matter Lesions and Hypertensive Target Organ Damage. <i>Journal of Aging Research</i> , 2011, 2011, 1-7.	0.4	18
27	Age-Related White Matter Changes. <i>Journal of Aging Research</i> , 2011, 2011, 1-13.	0.4	103
28	Pumps, Aqueducts, and Drought Management. <i>Stroke</i> , 2011, 42, 221-226.	1.0	64
29	Statin Treatment and Functional Outcome After Ischemic Stroke. <i>Stroke</i> , 2011, 42, 1314-1319.	1.0	62
30	Antihypertensive Treatment and Change in Blood Pressure Are Associated With the Progression of White Matter Lesion Volumes. <i>Circulation</i> , 2011, 123, 266-273.	1.6	166
31	Epidemiological findings of vascular risk factors in Alzheimer's disease: implications for therapeutic and preventive intervention. <i>Expert Review of Neurotherapeutics</i> , 2011, 11, 1593-1607.	1.4	16
32	Lacunes and cognitive decline. <i>Neurology</i> , 2011, 76, 1856-1857.	1.5	12
33	Co-aggregate formation of CADASIL-mutant NOTCH3: a single-particle analysis. <i>Human Molecular Genetics</i> , 2011, 20, 3256-3265.	1.4	87
34	Association between Carotid Artery Plaque Type and Cerebral Microbleeds. <i>American Journal of Neuroradiology</i> , 2012, 33, 2144-2150.	1.2	16
35	Hypertension: From Epidemiology to Therapeutics. <i>International Journal of Hypertension</i> , 2012, 2012, 1-2.	0.5	2
36	Characteristic distributions of intracerebral hemorrhage-associated diffusion-weighted lesions. <i>Neurology</i> , 2012, 79, 2335-2341.	1.5	73
37	Small vessel cerebrovascular disease in older adults. <i>Reviews in Clinical Gerontology</i> , 2012, 22, 184-194.	0.5	1
38	Neuropathologic evidence of endothelial changes in cerebral small vessel disease. <i>Neurology</i> , 2012, 78, 167-174.	1.5	99

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39	In vivo two-photon excited fluorescence microscopy reveals cardiac- and respiration-dependent pulsatile blood flow in cortical blood vessels in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H1367-H1377.	1.5	129
40	Cerebral Microinfarcts: A Systematic Review of Neuropathological Studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 425-436.	2.4	227
41	Stroke patients with cerebral microbleeds on MRI scans have arteriolosclerosis as well as systemic atherosclerosis. <i>Hypertension Research</i> , 2012, 35, 975-979.	1.5	22
42	Silent brain infarct is independently associated with arterial stiffness indicated by cardio-ankle vascular index (CAVI). <i>Hypertension Research</i> , 2012, 35, 756-760.	1.5	45
43	Sporadic cerebral amyloid angiopathy revisited: recent insights into pathophysiology and clinical spectrum. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 124-137.	0.9	490
44	White matter abnormalities in primary Sjogren syndrome. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2012, 105, 433-443.	0.2	39
45	The Appearance of a New White Matter Lesion Adjacent to the Old Infarct in First-Ever Lacunar Stroke Patients: A Two-Year Follow-Up Study with MRI. <i>Cerebrovascular Diseases</i> , 2012, 34, 443-445.	0.8	5
46	Cerebrovascular Consequences of Obstructive Sleep Apnea. <i>Journal of the American Heart Association</i> , 2012, 1, e000091.	1.6	146
47	Brief screening tests during acute admission in patients with mild stroke are predictive of vascular cognitive impairment 3-6 months after stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 580-585.	0.9	91
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49	Low Cerebrospinal Fluid Sulfatide Predicts Progression of White Matter Lesions - The LADIS Study. <i>Dementia and Geriatric Cognitive Disorders</i> , 2012, 34, 61-67.	0.7	19
51	Vascular dementia: why pathology is still important. <i>Reviews in Clinical Gerontology</i> , 2012, 22, 35-51.	0.5	2
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55	Notch signalling in smooth muscle cells during development and disease. <i>Cardiovascular Research</i> , 2012, 95, 138-146.	1.8	87
56	Genetic variation at <i>CR1</i> increases risk of cerebral amyloid angiopathy. <i>Neurology</i> , 2012, 78, 334-341.	1.5	86
57	Anti-Endothelial Cell Antibodies in Patients with Cerebral Small Vessel Disease. <i>Current Neurovascular Research</i> , 2012, 9, 296-301.	0.4	20

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59	Cerebral Small Vessel Disease: Cognition, Mood, Daily Functioning, and Imaging Findings from a Small Pilot Sample. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2012, 2, 169-179.	0.6	25
60	Pulse pressure and mild cognitive impairment. <i>Journal of Cardiovascular Medicine</i> , 2012, 13, 735-740.	0.6	20
62	Association between Silent Brain Infarct and Arterial Stiffness Indicated by Brachial-ankle Pulse Wave Velocity. <i>Internal Medicine</i> , 2012, 51, 1003-1008.	0.3	41
63	Cerebrovascular Disease and Mechanisms of Cognitive Impairment. <i>Stroke</i> , 2012, 43, 2526-2534.	1.0	185
64	Key Neuroanatomical Structures for Post-Stroke Cognitive Impairment. <i>Current Neurology and Neuroscience Reports</i> , 2012, 12, 703-708.	2.0	30
65	Different Impacts of Blood Pressure Variability on the Progression of Cerebral Microbleeds and White Matter Lesions. <i>Stroke</i> , 2012, 43, 2916-2922.	1.0	85
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71	Pressione arteriosa e cervello. <i>EMC - Neurologia</i> , 2012, 12, 1-12.	0.0	0
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73	White matter hyperintensities predict amyloid increase in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2012, 33, 2766-2773.	1.5	115
74	Extensive White Matter Changes Predict Stroke Recurrence up to 5 Years after a First-Ever Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2012, 34, 191-198.	0.8	33
75	Noninflammatory Cerebral Vasculopathy Associated with Recurrent Ischemic Strokes. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2012, 21, 417-421.	0.7	1
76	Impact of age on the efficacy of bone marrow mononuclear cell transplantation in experimental stroke. <i>Experimental & Translational Stroke Medicine</i> , 2012, 4, 17.	3.2	23

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78	Vascular dementia. Journal of the Neurological Sciences, 2012, 322, 2-10.	0.3	131
79	Pre-clinical models of human cerebral small vessel disease: Utility for clinical application. Journal of the Neurological Sciences, 2012, 322, 237-240.	0.3	30
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83	Cerebrale micro-infarcten. Neuropraxis, 2012, 16, 173-182.	0.1	1
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86	Mild Cognitive Impairment: Beyond Memory Dysfunction. International Journal of Alzheimer's Disease, 2012, 2012, 1-2.	1.1	1
87	Multimodal MRI of Cerebral Small Vessel Disease. , 2012, , .		0
88	Vascular dementia: current concepts and nomenclature harmonization. Dementia E Neuropsychologia, 2012, 6, 122-126.	0.3	6
89	The Pathophysiology and Clinical Presentation of Cerebral Amyloid Angiopathy. Current Atherosclerosis Reports, 2012, 14, 343-350.	2.0	77
90	Mixed Cerebrovascular Disease and the Future of Stroke Prevention. Translational Stroke Research, 2012, 3, 39-51.	2.3	34
91	Midlife Blood Pressure, Amyloid- β , and Risk for Alzheimer Disease. Hypertension, 2012, 59, 771-772.	1.3	8
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94	Staging and natural history of cerebrovascular pathology in dementia. Neurology, 2012, 78, 1043-1050.	1.5	245

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96	Potential Blood Biomarkers in Age-related Cerebral Small Vessel Disease. <i>Current Translational Geriatrics and Experimental Gerontology Reports</i> , 2012, 1, 76-84.	0.7	1
97	Cerebral Small Vessel Disease: A Review of Clinical, Radiological, and Histopathological Phenotypes. <i>International Journal of Stroke</i> , 2012, 7, 36-46.	2.9	125
98	Cerebral microinfarcts: the invisible lesions. <i>Lancet Neurology</i> , The, 2012, 11, 272-282.	4.9	399
99	Increased neural progenitors in individuals with cerebral small vessel disease. <i>Neuropathology and Applied Neurobiology</i> , 2012, 38, 344-353.	1.8	10
100	Understanding lacunar stroke: also an epidemiological challenge. <i>European Journal of Neurology</i> , 2012, 19, 1051-1052.	1.7	2
101	The early contribution of cerebrovascular factors to the pathogenesis of Alzheimer's disease. <i>European Journal of Neuroscience</i> , 2012, 35, 1917-1937.	1.2	77
102	Cerebral and Extracerebral Vasoreactivity in Symptomatic Lacunar Stroke Patients: A Case-Control Study. <i>International Journal of Stroke</i> , 2013, 8, 413-421.	2.9	42
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104	Migraine and Neurogenetic Disorders. <i>Current Pain and Headache Reports</i> , 2013, 17, 360.	1.3	6
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106	Cerebral white matter changes are associated with abnormalities on neurological examination in non-disabled elderly: the LADIS study. <i>Journal of Neurology</i> , 2013, 260, 1014-1021.	1.8	34
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109	MRI in acute cerebral ischemia of the young. <i>Neurology</i> , 2013, 81, 1914-1921.	1.5	42
110	Controlled hypertension induces cerebrovascular and gene alterations in Cyp1a1-Ren2 transgenic rats. <i>Journal of the American Society of Hypertension</i> , 2013, 7, 411-419.	2.3	7
111	<i>In Vivo</i> Detection of Cerebral Cortical Microinfarcts with High-Resolution 7T MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 322-329.	2.4	177
112	Neuropathology of Cortical Superficial Siderosis and Cerebral Amyloid Angiopathy: New Insights, New Questions. <i>Cerebrovascular Diseases</i> , 2013, 36, 418-419.	0.8	3

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114	Cerebral microbleeds and the risk of mortality in the general population. <i>European Journal of Epidemiology</i> , 2013, 28, 815-821.	2.5	46
115	Hypertension, Brain Damage and Cognitive Decline. <i>Current Hypertension Reports</i> , 2013, 15, 547-558.	1.5	153
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121	Ambulatory Blood Pressure in Patients With Lacunar Stroke. <i>Stroke</i> , 2013, 44, 2995-2999.	1.0	197
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123	Immunotherapy in prion disease. <i>Nature Reviews Neurology</i> , 2013, 9, 98-105.	4.9	41
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125	Stroke, Cognitive Deficits, and Rehabilitation: Still an Incomplete Picture. <i>International Journal of Stroke</i> , 2013, 8, 38-45.	2.9	314
126	The capillary dysfunction hypothesis of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013, 34, 1018-1031.	1.5	165
127	Relation of Subclinical Coronary Artery Atherosclerosis to Cerebral White Matter Disease in Healthy Subjects From Families With Early-Onset Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2013, 112, 747-752.	0.7	15
128	The influence of cerebral small vessel disease on default mode network deactivation in mild cognitive impairment. <i>NeuroImage: Clinical</i> , 2013, 2, 33-42.	1.4	36
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132	Microvascular brain pathology and late-life motor impairment. <i>Neurology</i> , 2013, 80, 712-718.	1.5	55
133	Ambulatory Blood Pressure in Stroke and Cognitive Dysfunction. <i>Current Hypertension Reports</i> , 2013, 15, 150-159.	1.5	14
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135	Cognitive Disorders and Dementia in CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 353-363.	3.0	438
136	Associations and implications of cerebral microbleeds. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 919-927.	0.8	18
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143	Mobility impairment is associated with reduced microstructural integrity of the inferior and superior cerebellar peduncles in elderly with no clinical signs of cerebellar dysfunction. <i>NeuroImage: Clinical</i> , 2013, 2, 332-340.	1.4	21
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147	Abnormal recruitment of extracellular matrix proteins by excess Notch3ECD: a new pathomechanism in CADASIL. <i>Brain</i> , 2013, 136, 1830-1845.	3.7	167
148	Incident lacunes preferentially localize to the edge of white matter hyperintensities: insights into the pathophysiology of cerebral small vessel disease. <i>Brain</i> , 2013, 136, 2717-2726.	3.7	141

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159	The interaction between neuropsychological and motor deficits in patients after stroke. Neurology, 2013, 80, S27-34.	1.5	60
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161	Hypertension. Hypertension, 2013, 62, 810-817.	1.3	287
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164	Relationship between cerebral microbleeds and cognitive function in lacunar infarct. Journal of International Medical Research, 2013, 41, 347-355.	0.4	21
165	Clopidogrel Use Is Associated With an Increased Prevalence of Cerebral Microbleeds in a Stroke-Free Population: The Rotterdam Study. Journal of the American Heart Association, 2013, 2, e000359.	1.6	31
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170	A super-resolution ultrasound method for brain vascular mapping. <i>Medical Physics</i> , 2013, 40, 110701.	1.6	191
171	Changes in Your Breathing Can Change Your Brain. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 763-764.	2.5	2
172	Chronic Obstructive Pulmonary Disease and Cerebral Microbleeds. The Rotterdam Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 783-788.	2.5	63
173	Arterial Stiffness Using Cardio-Ankle Vascular Index Reflects Cerebral Small Vessel Disease in Healthy Young and Middle Aged Subjects. <i>Journal of Atherosclerosis and Thrombosis</i> , 2013, 20, 178-185.	0.9	36
174	The Association Between Disease Severity and Copying Prevalence. <i>Critical Care Medicine</i> , 2013, 41, e395.	0.4	1
175	The authors reply. <i>Critical Care Medicine</i> , 2013, 41, e394-e395.	0.4	0
177	Microbleeds and Silent Brain Infarctions Are Differently Associated with Cognitive Dysfunction in Patients with Advanced Periventricular Leukoaraiosis. <i>International Journal of Medical Sciences</i> , 2013, 10, 1307-1313.	1.1	11
178	Concept and classification of small vessel disease. <i>Nosotchu</i> , 2013, 35, 128-132.	0.0	1
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1084	The influence of non-breathing-related sleep fragmentation on cognitive function in patients with cerebral small vessel disease. <i>Neuropsychiatric Disease and Treatment</i> , 2019, Volume 15, 1009-1014.	1.0	15
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1092	Clinical relevance of acute cerebral microinfarcts in vascular cognitive impairment. <i>Neurology</i> , 2019, 92, e1558-e1566.	1.5	24
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1179	Blood-brain barrier leakage in relation to white matter hyperintensity volume and cognition in small vessel disease and normal aging. <i>Brain Imaging and Behavior</i> , 2019, 13, 389-395.	1.1	74
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1192	Invited Review: The spectrum of age-related small vessel diseases: potential overlap and interactions of amyloid and nonamyloid vasculopathies. <i>Neuropathology and Applied Neurobiology</i> , 2020, 46, 219-239.	1.8	29
1193	Relationship between androgenic alopecia and white matter hyperintensities in apparently healthy subjects. <i>Brain Imaging and Behavior</i> , 2020, 14, 527-533.	1.1	0
1194	Changes of white matter integrity and structural network connectivity in nondemented cerebral small-vessel disease. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1162-1169.	1.9	19
1195	CHA2DS2-VASc Stroke Risk Index and Executive Functioning in Older Adults. <i>Archives of Clinical Neuropsychology</i> , 2020, 35, 155-164.	0.3	0
1196	Isolated, Subtle Neurological Abnormalities in Mild Cognitive Impairment Types. <i>Canadian Journal of Neurological Sciences</i> , 2020, 47, 77-91.	0.3	3
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1204	Haptoglobin Hp1 Variant Does Not Associate with Small Vessel Disease. <i>Brain Sciences</i> , 2020, 10, 18.	1.1	3
1205	Neuropsychiatric Correlates of Small Vessel Disease Progression in Incident Cognitive Decline: Independent and Interactive Effects. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 1053-1062.	1.2	14
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1207	Reduced forced vital capacity is associated with cerebral small vessel disease burden in cognitively normal individuals. <i>NeuroImage: Clinical</i> , 2020, 25, 102140.	1.4	8

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1209	Abnormalities of brain imaging in patients after left ventricular assist device support following explantation. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 220-227.	0.3	17
1210	Impact of obstructive sleep apnea on silent cerebral small vessel disease: a systematic review and meta-analysis. <i>Sleep Medicine</i> , 2020, 68, 80-88.	0.8	27
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1216	An update on clinical, pathological, diagnostic, and therapeutic perspectives of childhood leukodystrophies. <i>Expert Review of Neurotherapeutics</i> , 2020, 20, 65-84.	1.4	47
1217	Cerebral small vessel disease with hemorrhagic stroke related to COL4A1 mutation: A case report. <i>Neuropathology</i> , 2020, 40, 93-98.	0.7	9
1218	Blood Pressure Variability and Cerebral Small Vessel Disease. <i>Stroke</i> , 2020, 51, 82-89.	1.0	89
1219	Clinical Relevance of Cerebral Small Vessel Diseases. <i>Stroke</i> , 2020, 51, 47-53.	1.0	75
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1221	Genetics of Cerebral Small Vessel Disease. <i>Stroke</i> , 2020, 51, 12-20.	1.0	49
1222	Brain atrophy in cerebral small vessel diseases: Extent, consequences, technical limitations and perspectives: The HARNESS initiative. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 231-245.	2.4	49
1223	Cortical Microinfarcts Detected by 3-Tesla Magnetic Resonance Imaging. <i>Stroke</i> , 2020, 51, 1010-1013.	1.0	18
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1228	The Application of Optical Coherence Tomography Angiography in Cerebral Small Vessel Disease, Ischemic Stroke, and Dementia: A Systematic Review. <i>Frontiers in Neurology</i> , 2020, 11, 1009.	1.1	23
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1232	Prospective analysis of stroke recognition, stroke risk factors, thrombolysis rates and outcomes in Indigenous Australians from a large rural referral hospital. <i>Internal Medicine Journal</i> , 2022, 52, 468-473.	0.5	2
1233	Chinese herbal medicine for vascular cognitive impairment in cerebral small vessel disease. <i>Medicine (United States)</i> , 2020, 99, e22455.	0.4	5
1234	Imaging the role of blood-brain barrier disruption in normal cognitive ageing. <i>GeroScience</i> , 2020, 42, 1751-1764.	2.1	42
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1236	Association between periodontal disease due to <i>Campylobacter rectus</i> and cerebral microbleeds in acute stroke patients. <i>PLoS ONE</i> , 2020, 15, e0239773.	1.1	8
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1238	Biomarkers Related to Endothelial Dysfunction and Vascular Cognitive Impairment: A Systematic Review. <i>Dementia and Geriatric Cognitive Disorders</i> , 2020, 49, 365-374.	0.7	17
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1241	Lobar microbleeds are associated with cognitive impairment in patients with lacunar infarction. <i>Scientific Reports</i> , 2020, 10, 16410.	1.6	11
1242	Higher white matter hyperintensity lesion load is associated with reduced long-range functional connectivity. <i>Brain Communications</i> , 2020, 2, fcaa111.	1.5	16
1243	Image Clustering Algorithms to Identify Complicated Cerebral Diseases. Description and Comparison. <i>IEEE Access</i> , 2020, 8, 88434-88442.	2.6	10

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1245	Apathy, but not depression, predicts all-cause dementia in cerebral small vessel disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 953-959.	0.9	24
1246	Distinct association between cerebral arterial pulsatility and subtypes of cerebral small vessel disease. <i>PLoS ONE</i> , 2020, 15, e0236049.	1.1	15
1247	Increase in blood–brain barrier leakage in healthy, older adults. <i>GeroScience</i> , 2020, 42, 1183-1193.	2.1	96
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1249	Hypertensive Arteriopathy and Cerebral Amyloid Angiopathy in Patients with Cognitive Decline and Mixed Cerebral Microbleeds. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 1765-1774.	1.2	5
1250	Effects of Blood Pressure on Cognitive Performance in Aging: A Systematic Review. <i>Brain Sciences</i> , 2020, 10, 919.	1.1	29
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1252	Cerebral small vessel disease in community-dwelling older adults living in remote rural settings. <i>Journal of the Neurological Sciences</i> , 2020, 416, 117016.	0.3	9
1253	Echocardiographic index E/e TM in association with cerebral white matter hyperintensity progression. <i>PLoS ONE</i> , 2020, 15, e0236473.	1.1	7
1254	Dawson's Fingers in Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 2020, 11, 669.	1.1	4
1255	Association of White Matter Hyperintensities and Cardiovascular Disease. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010460.	1.3	36
1256	Correlation of Cerebral White Matter Lesions with Carotid Intraplaque Neovascularization assessed by Contrast-enhanced Ultrasound. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104928.	0.7	5
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1260	Location-specific risk factors for intracerebral hemorrhage. <i>Neurology</i> , 2020, 95, e1807-e1818.	1.5	41
1261	Detrimental effects of hypercortisolism on brain structure and related risk factors. <i>Scientific Reports</i> , 2020, 10, 12708.	1.6	15
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1264	Association of Genetic Variation in a Wnt Signaling Pathway Gene (<i>CTNNA2</i>) with Susceptibility to Leukoaraiosis. <i>Genetic Testing and Molecular Biomarkers</i> , 2020, 24, 708-716.	0.3	2
1265	Visceral adiposity index is associated with silent brain infarct in a healthy population. <i>Scientific Reports</i> , 2020, 10, 17271.	1.6	6
1266	Correlation analysis between serum procalcitonin and infarct volume in young patients with acute cerebral infarction. <i>Neurological Sciences</i> , 2021, 42, 3189-3196.	0.9	4
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1270	Evaluating resting-state BOLD variability in relation to biomarkers of preclinical Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 96, 233-245.	1.5	20
1271	Effect of intensive blood pressure control on the prevention of white matter hyperintensity: Systematic review and meta-analysis of randomized trials. <i>Journal of Clinical Hypertension</i> , 2020, 22, 1968-1973.	1.0	27
1272	Tadalafil may improve cerebral perfusion in small-vessel occlusion stroke—a pilot study. <i>Brain Communications</i> , 2020, 2, fcaa020.	1.5	11
1273	Pharmacological depletion of microglia and perivascular macrophages prevents vascular Cognitive Impairment in Ang II-induced Hypertension. <i>Theranostics</i> , 2020, 10, 9512-9527.	4.6	48
1274	Vascular disease and multiple sclerosis: a post-mortem study exploring their relationships. <i>Brain</i> , 2020, 143, 2998-3012.	3.7	33
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1276	Impaired cerebral hemodynamics in late-onset depression: computed tomography angiography, computed tomography perfusion, and magnetic resonance imaging evaluation. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 1763-1774.	1.1	9
1277	Molecular abnormalities in autopsied brain tissue from the inferior horn of the lateral ventricles of nonagenarians and Alzheimer disease patients. <i>BMC Neurology</i> , 2020, 20, 317.	0.8	15
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1279	FDG PET Data is Associated with Cognitive Performance in Patients from a Memory Clinic. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 207-216.	1.2	4
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1283	Factors Associated With the Occurrence and Evolution of Recent Small Subcortical Infarcts (RSSIs) in Different Locations. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 264.	1.7	1
1284	Coronary Microvascular Dysfunction. <i>Journal of Clinical Medicine</i> , 2020, 9, 2880.	1.0	167
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1286	Associations of Vascular Risk Factors and <i>APOE</i> Genotype With Perivascular Spaces Among Community-Dwelling Older Adults. <i>Journal of the American Heart Association</i> , 2020, 9, e015229.	1.6	12
1287	Assessing the effectiveness of statin therapy for alleviating cerebral small vessel disease progression in people ≥ 75 years of age. <i>BMC Geriatrics</i> , 2020, 20, 292.	1.1	21
1288	Ontario Neurodegenerative Disease Research Initiative (ONDRI): Structural MRI Methods and Outcome Measures. <i>Frontiers in Neurology</i> , 2020, 11, 847.	1.1	23
1289	T_{2^*} relaxation time of the normal-appearing white matter is related to the cognitive status in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1767-1777.	2.4	9
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1291	Cerebral Small Vessel Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9729.	1.8	78
1292	New Insights in Addressing Cerebral Small Vessel Disease: Association With the Deep Medullary Veins. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 597799.	1.7	18
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1294	Trial of remote ischaemic preconditioning in vascular cognitive impairment (TRIC-VCI): protocol. <i>BMJ Open</i> , 2020, 10, e040466.	0.8	7
1295	Deep-Learning-Based Segmentation and Localization of White Matter Hyperintensities on Magnetic Resonance Images. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2020, 12, 438-446.	2.2	8
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1297	Investigating APOE, APP- $A\beta$ metabolism genes and Alzheimer's disease GWAS hits in brain small vessel ischemic disease. <i>Scientific Reports</i> , 2020, 10, 7103.	1.6	12
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1300	The role of rehabilitation psychology in stroke care described through case examples. <i>NeuroRehabilitation</i> , 2020, 46, 195-204.	0.5	17
1301	Clinical Features and Experimental Models of Cerebral Small Vessel Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 109.	1.7	20
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1304	Intermittent Theta Burst Stimulation Improves the Spatial Cognitive Function of Rats with Chronic Hypertension-induced Cerebral Small Vessel Disease. <i>Neuroscience</i> , 2020, 437, 98-106.	1.1	11
1305	Impact of Circadian Blood Pressure Pattern on Silent Cerebral Small Vessel Disease: A Systematic Review and Meta-Analysis. <i>Journal of the American Heart Association</i> , 2020, 9, e016299.	1.6	24
1306	Lacune is the stroke subtype linked to obstructive sleep apnea. <i>Neurological Sciences</i> , 2020, 41, 3301-3306.	0.9	0
1307	Blood Pressure Variation and Subclinical Brain Disease. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2387-2399.	1.2	38
1308	Genetic overlap and causal inferences between kidney function and cerebrovascular disease. <i>Neurology</i> , 2020, 94, e2581-e2591.	1.5	31
1309	Cerebral macro- and microcirculatory blood flow dynamics in successfully treated chronic hypertensive patients with and without white matter lesions. <i>Scientific Reports</i> , 2020, 10, 9213.	1.6	9
1311	Evaluating the Sensitivity of Resting-State BOLD Variability to Age and Cognition after Controlling for Motion and Cardiovascular Influences: A Network-Based Approach. <i>Cerebral Cortex</i> , 2020, 30, 5686-5701.	1.6	22
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1313	The regional pattern of abnormal cerebrovascular reactivity in HIV-infected, virally suppressed women. <i>Journal of NeuroVirology</i> , 2020, 26, 734-742.	1.0	8
1314	Heavy Metal-Induced Cerebral Small Vessel Disease: Insights into Molecular Mechanisms and Possible Reversal Strategies. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3862.	1.8	30
1315	Age-Related Alterations in Brain Perfusion, Venous Oxygenation, and Oxygen Metabolic Rate of Mice: A 17-Month Longitudinal MRI Study. <i>Frontiers in Neurology</i> , 2020, 11, 559.	1.1	13
1316	Longer term stroke risk in intracerebral haemorrhage survivors. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 840-845.	0.9	12
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1321	Prior placental bed disorders and later dementia: a retrospective Swedish register-based cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2020, 127, 1090-1099.	1.1	25
1322	The association of kidney function and cognitive decline in older patients at risk of cardiovascular disease: a longitudinal data analysis. <i>BMC Nephrology</i> , 2020, 21, 81.	0.8	10
1323	The determinants of neurological phenotypes during acute hypertensive crises " a preliminary study. <i>Neurological Research</i> , 2020, 42, 398-404.	0.6	1
1324	Circle of Willis abnormalities and their clinical importance in ageing brains: A cadaveric anatomical and pathological study. <i>Journal of Chemical Neuroanatomy</i> , 2020, 106, 101772.	1.0	11
1325	Network neuroscience of apathy in cerebrovascular disease. <i>Progress in Neurobiology</i> , 2020, 188, 101785.	2.8	27
1326	Association between Serum 25-Hydroxyvitamin D Level and Cognitive Impairment in Patients with White Matter Lesions: A Cross-Sectional Study. <i>Medical Principles and Practice</i> , 2020, 29, 451-457.	1.1	3
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1925	State of intra- and extracranial arteries, white matter and cerebral cortex in asymptomatic hypertensive patients. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2021, 20, 2768.	0.4	0
1926	Extracerebral microvascular dysfunction is related to brain MRI markers of cerebral small vessel disease: The Maastricht Study. <i>GeroScience</i> , 2022, 44, 147-157.	2.1	10
1928	Cardiovascular Risk Factors and MRI Markers of Cerebral Small Vessel Disease. <i>Neurology</i> , 2022, 98, .	1.5	26
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1934	Imaging Markers of Subcortical Vascular Dementia in Patients With Multiple-Lobar Cerebral Microbleeds. <i>Frontiers in Neurology</i> , 2021, 12, 747536.	1.1	2
1935	Effect of obstructive sleep apnea on cerebrovascular compliance and cerebral small vessel disease. <i>PLoS ONE</i> , 2021, 16, e0259469.	1.1	13
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1953	Altered Dynamic Functional Connectivity in Subcortical Ischemic Vascular Disease With Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 758137.	1.7	6
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1958	Pathophysiology of blood brain barrier dysfunction during chronic cerebral hypoperfusion in vascular cognitive impairment. <i>Theranostics</i> , 2022, 12, 1639-1658.	4.6	72
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1966	Fixel based analysis of white matter alterations in early stage cerebral small vessel disease. <i>Scientific Reports</i> , 2022, 12, 1581.	1.6	15
1967	Poor Sleep Quality Associated With Enlarged Perivascular Spaces in Patients With Lacunar Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 809217.	1.1	3
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1970	Neuropathology of Vascular Brain Health: Insights From Ex Vivo Magnetic Resonance Imaging—Histopathology Studies in Cerebral Small Vessel Disease. <i>Stroke</i> , 2022, 53, 404-415.	1.0	22
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1972	Neuroimaging approaches to cognition in Parkinson's disease. <i>Progress in Brain Research</i> , 2022, 269, 257-286.	0.9	3
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1977	Molecular Chaperone BRICHOS Inhibits CADASIL-Mutated NOTCH3 Aggregation In Vitro. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 812808.	1.6	7
1978	Cerebral perfusion and the risk of cognitive decline and dementia in community dwelling older people. <i>Cerebral Circulation - Cognition and Behavior</i> , 2022, 3, 100125.	0.4	3
1979	Vascular Cognitive Impairment and cognitive decline; a longitudinal study comparing different types of vascular brain injury - The TRACE-VCI study. <i>Cerebral Circulation - Cognition and Behavior</i> , 2022, 3, 100141.	0.4	2
1980	Analysis and outcome of single coronary artery detected on CCTA. <i>Pakistan Biomedical Journal</i> , 2022, 5, .	0.0	0
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1987	Impact of Age on Systemic Inflammatory Profile of Patients With ST-Segment Elevation Myocardial Infarction and Acute Ischemic Stroke. <i>Stroke</i> , 2022, 53, 2249-2259.	1.0	9
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1990	Analysis and outcome of single coronary artery detected on CCTA. <i>Pakistan Biomedical Journal</i> , 2022, 5, 315-318.	0.0	0
1991	Thyroid Function Affects the Risk of Post-stroke Depression in Patients With Acute Lacunar Stroke. <i>Frontiers in Neurology</i> , 2022, 13, 792843.	1.1	7
1992	Pathological changes within the cerebral vasculature in Alzheimer's disease: New perspectives. <i>Brain Pathology</i> , 2022, 32, e13061.	2.1	28
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1994	Pulsatility Index in the Basal Ganglia Arteries Increases with Age in Elderly with and without Cerebral Small Vessel Disease. <i>American Journal of Neuroradiology</i> , 2022, 43, 540-546.	1.2	6
1995	ICA1L Is Associated with Small Vessel Disease: A Proteome-Wide Association Study in Small Vessel Stroke and Intracerebral Haemorrhage. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3161.	1.8	11
1996	Nitrate Metabolism and Ischemic Cerebrovascular Disease: A Narrative Review. <i>Frontiers in Neurology</i> , 2022, 13, 735181.	1.1	5
1997	The role of hypertension and diabetes mellitus on the etiology of middle cerebral artery disease. <i>Brain and Behavior</i> , 2022, 12, e2521.	1.0	2
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1999	Evaluation of clinical relevance and underlying pathology for hemodynamic compromise in acute small subcortical infarction using MRI-based neuroimaging markers. <i>Biomedical Journal</i> , 2022, , .	1.4	3
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2003	Lobar Cerebral Microbleeds Are Associated With Cognitive Decline in Patients With Type 2 Diabetes Mellitus. <i>Frontiers in Neurology</i> , 2022, 13, 843260.	1.1	0
2004	The clinical profile of cerebral small vessel disease: Toward an evidence-based identification of cognitive markers. <i>Alzheimer's and Dementia</i> , 2023, 19, 244-260.	0.4	7
2005	Anti-platelet Therapy Is Associated With Lower Risk of Dementia in Patients With Cerebral Small Vessel Disease. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 788407.	1.7	8
2006	Direction and magnitude of displacement differ between slowly expanding and non-expanding multiple sclerosis lesions as compared to small vessel disease. <i>Journal of Neurology</i> , 2022, 269, 4459-4468.	1.8	4
2007	Endothelial BACE1 Impairs Cerebral Small Vessels via Tight Junctions and eNOS. <i>Circulation Research</i> , 2022, 130, 1321-1341.	2.0	24
2008	The Association Between Standard Electrocardiography and Cerebral Small Vessel Disease in a Memory Clinic Study. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 1093-1105.	1.2	1
2009	Carotid vulnerable plaque coexisting with cerebral small vessel disease and acute ischemic stroke: a Chinese Atherosclerosis Risk Evaluation study. <i>European Radiology</i> , 2022, 32, 6080-6089.	2.3	5
2010	A High Serum Phosphate and Calcium-Phosphate Product Is Associated With Cerebral Small Vascular Disease in Patients With Stroke: A Real-World Study. <i>Frontiers in Nutrition</i> , 2022, 9, 801667.	1.6	2
2011	Histopathology of Cerebral Microinfarcts and Microbleeds in Spontaneous Intracerebral Hemorrhage. <i>Translational Stroke Research</i> , 2023, 14, 174-184.	2.3	6
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2013	Association Between Intracranial Pulsatility and White Matter Hyperintensities in Asymptomatic Intracranial Arterial Stenosis: A Population-Based Study in Shandong, China. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106406.	0.7	2
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2015	New Horizons—Cognitive Dysfunction Associated With Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 929-942.	1.8	5
2016	Novel In-Frame Deletion in HTRA1 Gene, Responsible for Stroke at a Young Age and Dementia—A Case Study. <i>Genes</i> , 2021, 12, 1955.	1.0	4
2017	Risk factors of cerebral small vessel disease. <i>Medicine (United States)</i> , 2021, 100, e28229.	0.4	30
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2032	Human ESC-derived immunity and matrix-regulatory cells ameliorated white matter damage and vascular cognitive impairment in rats subjected to chronic cerebral hypoperfusion. <i>Cell Proliferation</i> , 2022, 55, e13223.	2.4	4
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2034	The spectrum and systemic associations of microvascular dysfunction in the heart and other organs. , 2022, 1, 298-311.		3
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2069	Vascular cognitive impairment and dementia: An early career researcher perspective. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2022, 14, e12310.	1.2	10
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2087	Endothelial BACE1: Bridging the Gap Between Hypertension and Alzheimer's Disease. Circulation Research, 2022, 130, 1342-1344.	2.0	2
2088	Mechanisms of Mitochondrial Malfunction in Alzheimer's Disease: New Therapeutic Hope. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-28.	1.9	16
2089	Cerebral small vessel disease alters neurovascular unit regulation of microcirculation integrity involved in vascular cognitive impairment. Neurobiology of Disease, 2022, 170, 105750.	2.1	24
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2096	Cerebral hemorrhages in traumatic brain injury. , 2022, , 87-99.		0
2097	Î²-amyloid protein induces mitophagy-dependent ferroptosis through the CD36/PINK/PARKIN pathway leading to blood-brain barrier destruction in Alzheimer's disease. Cell and Bioscience, 2022, 12, .	2.1	40
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2099	Brain imaging abnormalities in mixed Alzheimer's and subcortical vascular dementia. Canadian Journal of Neurological Sciences, 0, , 1-36.	0.3	0
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2102	Vitamin E reduces inflammation and improves cognitive disorder and vascular endothelial functions in patients with leukoaraiosis. International Journal of Neuroscience, 0, , 1-9.	0.8	1
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2106	Causal structure discovery identifies risk factors and early brain markers related to evolution of white matter hyperintensities. <i>NeuroImage: Clinical</i> , 2022, 35, 103077.	1.4	8
2107	Statin Usage Increases White Matter Hyperintensities. <i>Neurologist</i> , 2023, 28, 94-98.	0.4	2
2108	Insidious Attentional Deficits in Patients With Cerebral Small Vessel Disease Revealed by Attention Network Test. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
2109	Recurrent Strokes in Patients With Atrial Fibrillation Treated With Direct Oral Anticoagulant Agents. <i>Angiology</i> , 0, , 000331972211083.	0.8	0
2110	Trajectory Pattern of Cognitive Decline in Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. <i>Neurology</i> , 2022, 99, .	1.5	1
2111	Imaging Characteristics for Predicting Cognitive Impairment in Patients With Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	5
2112	Cerebral Small Vessel Disease: Neuroimaging Features, Biochemical Markers, Influencing Factors, Pathological Mechanism and Treatment. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	10
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2114	Oxygen extraction efficiency and white matter lesion burden in older adults exhibiting radiological evidence of capillary shunting. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1933-1943.	2.4	3
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2121	Value of ultrasound fusion imaging in detecting vascular cerebral white matter pathology. <i>Ultrasound Journal</i> , 2022, 14, .	1.3	1
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2132	Enlarged Perivascular Spaces Are Negatively Associated With Montreal Cognitive Assessment Scores in Older Adults. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	7
2133	Moderate-Severe White Matter Lesion Predicts Delayed Intraventricular Hemorrhage in Intracerebral Hemorrhage. <i>Neurocritical Care</i> , 0, , .	1.2	0
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2145	3D finite-element brain modeling of lateral ventricular wall loading to rationalize periventricular white matter hyperintensity locations. <i>Engineering With Computers</i> , 2022, 38, 3939-3955.	3.5	2
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2148	The interplay between small vessel disease and Parkinson disease pathology: A longitudinal study. <i>European Journal of Radiology</i> , 2022, 154, 110441.	1.2	0
2149	Atherosclerotic risk is associated with cerebral perfusion â€“ A cross-sectional study using arterial spin labeling MRI. <i>NeuroImage: Clinical</i> , 2022, 36, 103142.	1.4	3
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2163	Analysis of risk factors for the development of cognitive dysfunction in patients with cerebral small vessel disease and the construction of a predictive model. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	5
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2170	Associations of Lifeâ€“s Simple 7 With Cerebral Small Vessel Disease. <i>Stroke</i> , 2022, 53, 2859-2867.	1.0	8
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2174	Classification of subtypes of vascular dementia. , 2023, , 69-85.		0
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2176	Perfusion heterogeneity of cerebral small vessel disease revealed via arterial spin labeling MRI and machine learning. <i>NeuroImage: Clinical</i> , 2022, 36, 103165.	1.4	5
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2183	Contribution of intracranial artery stenosis to white matter hyperintensities progression in elderly Chinese patients: A 3-year retrospective longitudinal study. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
2184	A guide for researchers seeking training in retrospective data harmonization for population neuroscience studies of Alzheimer's disease and related dementias. , 0, 1, .		4
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2190	Association of Dilated Perivascular Spaces With Lipid Indices in Ischemic Stroke Patients. <i>Cureus</i> , 2022, , .	0.2	0
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2195	A new nomogram including total cerebral small vessel disease burden for individualized prediction of early-onset depression in patients with acute ischemic stroke. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	4
2196	Venular amyloid accumulation in transgenic Fischer 344 Alzheimerâ€™s disease rats. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
2197	Potential of brain age in identifying early cognitive impairment in subcortical small-vessel disease patients. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	6
2198	Reliability of velocity pulsatility in small vessels on 3Tesla MRI in the basal ganglia: a testâ€“retest study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 0, , .	1.1	0

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2200	A Causal Classification System for Intracerebral Hemorrhage Subtypes. <i>Annals of Neurology</i> , 2023, 93, 16-28.	2.8	8
2201	<i>NOTCH2NLC</i>expanded GGC repeats in patients with cerebral small vessel disease. <i>Stroke and Vascular Neurology</i> , 2023, 8, 161-168.	1.5	4
2202	Regional Cerebral Small Vessel Disease (rCSVD) Score: A clinical MRI grading system validated in a stroke cohort. <i>Journal of Clinical Neuroscience</i> , 2022, 105, 131-136.	0.8	2
2203	Relationship between MMP-9 serum levels and tHcy levels and total imaging load and cognitive dysfunction. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106759.	0.7	6
2204	Reduced coupling between the global blood-oxygen-level-dependent signal and cerebrospinal fluid inflow is associated with the severity of small vessel disease. <i>NeuroImage: Clinical</i> , 2022, 36, 103229.	1.4	2
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2206	Precision 1070Ånm Ultrafast Laser-Induced Photothrombosis of Depth-Targeted Vessels In Vivo. <i>Small Methods</i> , 2023, 7, .	4.6	1
2207	Dissecting Polygenic Etiology of Ischemic Stroke in the Era of Precision Medicine. <i>Journal of Clinical Medicine</i> , 2022, 11, 5980.	1.0	1
2208	Role of small acute hyperintense lesions in long-term progression of cerebral small vessel disease and clinical outcome: a 14-year follow-up study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2023, 94, 144-144.	0.9	4
2209	Mechanisms and Clinical Manifestations of Cognitive Decline in Atrial Fibrillation Patients: Potential Implications for Preventing Dementia. <i>Canadian Journal of Cardiology</i> , 2023, 39, 159-171.	0.8	10
2211	Left Atrial Function and Arrhythmias in Relation to Small Vessel Disease on Brain MRI: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of the American Heart Association</i> , 2022, 11, .	1.6	5
2212	Modifiable and non-modifiable risk factors of dementia on midlife cerebral small vessel disease in cognitively healthy middle-aged adults: the PREVENT-Dementia study. <i>Alzheimer's Research and Therapy</i> , 2022, 14, .	3.0	10
2213	The new mechanism of cognitive decline induced by hypertension: High homocysteine-mediated aberrant DNA methylation. <i>Frontiers in Cardiovascular Medicine</i> , 2023, 9, .	1.1	7
2214	Semisupervised white matter hyperintensities segmentation on MRI. <i>Human Brain Mapping</i> , 2023, 44, 1344-1358.	1.9	2
2215	Homocysteine, Cognitive Functions, and Degenerative Dementias: State of the Art. <i>Biomedicines</i> , 2022, 10, 2741.	1.4	12
2216	Endothelial Progenitor Cells in Neurovascular Disorders—A Comprehensive Overview of the Current State of Knowledge. <i>Biomedicines</i> , 2022, 10, 2616.	1.4	2
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2219	Baseline oxygen consumption decreases with cortical depth. <i>PLoS Biology</i> , 2022, 20, e3001440.	2.6	6
2220	Diabetes mellitus associated neurovascular lesions in the retina and brain: A review. <i>Frontiers in Ophthalmology</i> , 0, 2, .	0.2	3
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2223	Brain patterns of pace “ but not rhythm “ are associated with vascular disease in older adults. <i>Cerebral Circulation - Cognition and Behavior</i> , 2022, 3, 100154.	0.4	1
2224	Annual exposure to PM10 is related to cerebral small vessel disease in general adult population. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
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2226	Combination of indirect revascularization and endothelial progenitor cell transplantation improved cerebral perfusion and ameliorated tauopathy in a rat model of bilateral ICA ligation. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	2
2227	Association between Serum Amyloid A Level and White Matter Hyperintensity Burden: a Cross-Sectional Analysis in Patients with Acute Ischemic Stroke. <i>Neurology and Therapy</i> , 2023, 12, 161-175.	1.4	1
2228	Enlarged perivascular space burden associations with arterial stiffness and cognition. <i>Neurobiology of Aging</i> , 2023, 124, 85-97.	1.5	9
2229	Heart rate variability is associated with cerebral small vessel disease in patients with diabetes. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	5
2230	Urinary Immunoglobulin G Is Associated with Deep and Infratentorial Cerebral Microbleeds in Stroke Patients. <i>Cerebrovascular Diseases</i> , 2023, 52, 417-426.	0.8	1
2231	Meta-analysis of the efficacy of acupuncture in the treatment of the vascular cognitive impairment associated with cerebral small vessel disease. <i>Explore: the Journal of Science and Healing</i> , 2022, , .	0.4	0
2233	Trajectories of Cognition and Daily Functioning Before and After Incident Diabetes. <i>Diabetes Care</i> , 2023, 46, 75-82.	4.3	6
2234	The relationship between severe extracranial artery stenosis or occlusion and cerebral small vessel disease in patients with large artery atherosclerotic cerebral infarction. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
2235	Segmentation and differentiation of periventricular and deep white matter hyperintensities in 2D T2-FLAIR MRI based on a cascade U-net. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
2236	Neuroimaging for differential diagnosis of transient neurological attacks. <i>Brain and Behavior</i> , 2022, 12, .	1.0	1

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2238	The relationship of Vascular Aging to Reduced Cognitive Function: Pulsatile and Steady State Arterial Hemodynamics. <i>Pulse</i> , 0, , .	0.9	0
2239	Interstitial Fluidopathy of the Central Nervous System: An Umbrella Term for Disorders with Impaired Neurofluid Dynamics. <i>Magnetic Resonance in Medical Sciences</i> , 2024, 23, 1-13.	1.1	7
2240	Elevated TGF β 2 signaling contributes to cerebral small vessel disease in mouse models of Gould syndrome. <i>Matrix Biology</i> , 2023, 115, 48-70.	1.5	4
2241	Old thalamic lacunes contralateral to a supratentorial intracerebral hemorrhage are associated with an unfavorable outcome. <i>Journal of the Neurological Sciences</i> , 2023, 444, 120523.	0.3	0
2242	Impact of white matter hypodensities on outcome after intracerebral hemorrhage. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2023, 32, 106919.	0.7	0
2243	Controlled arterial hypertension and blood-brain barrier damage in patients with age-related cerebral small vessel disease and cognitive impairments. <i>Zhurnal Nevrologii I Psikhiatrii Imeni S S Korsakova</i> , 2022, 122, 74.	0.1	0
2244	Social Relevance and Post-stroke Epilepsy Prevention. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2022, 10, 2345-2350.	0.1	0
2246	Glymphatic Dysfunction Mediates the Influence of White Matter Hyperintensities on Episodic Memory in Cerebral Small Vessel Disease. <i>Brain Sciences</i> , 2022, 12, 1611.	1.1	7
2247	TREX1 p.A129fs and p.Y305C variants in a large multi-ethnic cohort of CADASIL-like unrelated patients.. <i>Neurobiology of Aging</i> , 2022, , .	1.5	1
2248	Computed tomography in acute intracerebral hemorrhage: neuroimaging predictors of hematoma expansion and outcome. <i>Insights Into Imaging</i> , 2022, 13, .	1.6	11
2249	Association Between Cerebral Small Vessel Disease and Intracranial Arterial Calcification. <i>Haseki Tip Bulteni</i> , 2022, 60, 476-482.	0.2	0
2250	Associations of clonal hematopoiesis with recurrent vascular events and death in patients with incident ischemic stroke. <i>Blood</i> , 2023, 141, 787-799.	0.6	21
2251	Cerebral Superficial Siderosis. <i>Clinical Neuroradiology</i> , 2023, 33, 293-306.	1.0	6
2252	Cerebrovascular diseases and cognitive impairment: therapy approaches. <i>Meditinskiy Sovet</i> , 2022, , 54-61.	0.1	2
2253	Post-stroke cognitive impairment: A bibliometric and knowledge-map analysis. <i>NeuroRehabilitation</i> , 2023, 52, 175-186.	0.5	2
2254	Survival, cognitive functions, and brain MRI in patients with cSVD: 5-year observation. <i>Annals of Clinical and Experimental Neurology</i> , 2022, 16, 18-28.	0.1	2
2255	Progress on Prevention and Treatment of Cerebral Small Vascular Disease Using Integrative Medicine. <i>Chinese Journal of Integrative Medicine</i> , 2023, 29, 186-191.	0.7	2

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2257	Global Cortical Atrophy Is Associated with an Unfavorable Outcome in Stroke Patients on Oral Anticoagulation. <i>Cerebrovascular Diseases</i> , 2023, 52, 495-502.	0.8	0
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