

# Neuroimaging standards for research into small vessel disease, ageing and neurodegeneration

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Citation Report

#	ARTICLE	IF	CITATIONS
1	2012 HRS/EHRA/ECAS Expert Consensus Statement on Catheter and Surgical Ablation of Atrial Fibrillation: Recommendations for Patient Selection, Procedural Techniques, Patient Management and Follow-up, Definitions, Endpoints, and Research Trial Design. <i>Heart Rhythm</i> , 2012, 9, 632-696.e21.	0.3	1,541
2	The common dementias: a pictorial review. <i>European Radiology</i> , 2013, 23, 3405-3417.	2.3	28
3	Silent cerebral infarcts associated with cardiac disease and procedures. <i>Nature Reviews Cardiology</i> , 2013, 10, 696-706.	6.1	55
4	The Pathobiology of Vascular Dementia. <i>Neuron</i> , 2013, 80, 844-866.	3.8	1,322
5	Small Vessel Disease and Memory Loss: What the Clinician Needs to Know to Preserve Patients' Brain Health. <i>Current Cardiology Reports</i> , 2013, 15, 427.	1.3	6
6	Cerebral microbleeds are related to loss of white matter structural integrity. <i>Neurology</i> , 2013, 81, 1930-1937.	1.5	59
7	Executive Function Changes before Memory in Preclinical Alzheimer's Pathology: A Prospective, Cross-Sectional, Case Control Study. <i>PLoS ONE</i> , 2013, 8, e79378.	1.1	76
8	Rapid Parametric Mapping of the Longitudinal Relaxation Time T1 Using Two-Dimensional Variable Flip Angle Magnetic Resonance Imaging at 1.5 Tesla, 3 Tesla, and 7 Tesla. <i>PLoS ONE</i> , 2014, 9, e91318.	1.1	38
9	Fate of Diffusion Restricted Lesions in Acute Intracerebral Hemorrhage. <i>PLoS ONE</i> , 2014, 9, e105970.	1.1	32
10	In Vivo High-Resolution 7 Tesla MRI Shows Early and Diffuse Cortical Alterations in CADASIL. <i>PLoS ONE</i> , 2014, 9, e106311.	1.1	23
11	Hemodynamic Factors May Play a Critical Role in Neurological Deterioration Occurring within 72 hrs after Lacunar Stroke. <i>PLoS ONE</i> , 2014, 9, e108395.	1.1	19
12	Common causes of ischemic stroke. , 0, , 33-44.		1
13	Current pathophysiological concepts in cerebral small vessel disease. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 24.	1.7	38
14	Radiation-Induced Cerebral Micro bleeds. <i>Journal of Neurology &amp; Neurophysiology</i> , 2014, 05, .	0.1	1
15	Differential impact of unrecognised brain infarction on stroke outcome in non-valvular atrial fibrillation. <i>Thrombosis and Haemostasis</i> , 2014, 112, 1312-1318.	1.8	5
16	Aterosclerose CarotÃdea e Hipodensidades da SubstÃncia Branca: uma RelaÃÃo Controversa. <i>Acta Medica Portuguesa</i> , 2014, 27, 581.	0.2	2
17	Leukoaraiosis Predicts Cortical Infarct Volume After Distal Middle Cerebral Artery Occlusion. <i>Stroke</i> , 2014, 45, 689-695.	1.0	49
18	Vascular risk factors and Alzheimer's disease. <i>BMC Medicine</i> , 2014, 12, 218.	2.3	70

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19	Microinfarct disruption of white matter structure. <i>Neurology</i> , 2014, 83, 182-188.	1.5	64
20	Chronic Kidney Disease Is an Independent Predictor of Adverse Clinical Outcomes in Patients with Recent Small Subcortical Infarcts. <i>Cerebrovascular Diseases Extra</i> , 2014, 4, 174-181.	0.5	16
21	Thyroid-Stimulating Hormone, White Matter Hyperintensities, and Functional Outcome in Acute Ischemic Stroke Patients. <i>Cerebrovascular Diseases Extra</i> , 2014, 4, 61-68.	0.5	16
22	Circulating Inflammatory Markers Are Associated With Magnetic Resonance Imaging-Visible Perivascular Spaces But Not Directly With White Matter Hyperintensities. <i>Stroke</i> , 2014, 45, 605-607.	1.0	113
23	Rating total cerebral small-vessel disease. <i>Neurology</i> , 2014, 83, 1224-1225.	1.5	9
24	Plasma lipids and cerebral small vessel disease. <i>Neurology</i> , 2014, 83, 1844-1852.	1.5	61
25	Retinal Microvascular Abnormalities Predict Progression of Brain Microvascular Disease. <i>Stroke</i> , 2014, 45, 1012-1017.	1.0	64
26	Cross-Sectional Study of Unexplained White Matter Lesions in HIV Positive Individuals Undergoing Brain Magnetic Resonance Imaging. <i>AIDS Patient Care and STDs</i> , 2014, 28, 341-349.	1.1	25
27	Prevalence and Associated Factors of Silent Brain Infarcts in a Mediterranean Cohort of Hypertensives. <i>Hypertension</i> , 2014, 64, 658-663.	1.3	30
28	Dementia in older people: an update. <i>Internal Medicine Journal</i> , 2014, 44, 1066-1073.	0.5	42
29	Brain volume and white matter hyperintensities as determinants of cerebral blood flow in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 2665-2670.	1.5	28
30	Relations of Serum Soluble E-selectin and Adiponectin with Enlarged Perivascular Spaces in Patients with Recent Lacunar Infarction. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 382-384.	1.9	0
31	Asymmetrical cortical vessel sign on susceptibility-weighted imaging: a novel imaging marker for early neurological deterioration and unfavorable prognosis. <i>European Journal of Neurology</i> , 2014, 21, 1411-1418.	1.7	45
32	Ischaemic Cavities in the Cerebellum: An ex vivo 7-Tesla MRI Study with Pathological Correlation. <i>Cerebrovascular Diseases</i> , 2014, 38, 17-23.	0.8	13
33	Grading and Interpretation of White Matter Hyperintensities Using Statistical Maps. <i>Stroke</i> , 2014, 45, 3567-3575.	1.0	54
35	Strategic white matter tracts for processing speed deficits in age-related small vessel disease. <i>Neurology</i> , 2014, 82, 1946-1950.	1.5	116
36	The overlap between vascular disease and Alzheimer's disease - lessons from pathology. <i>BMC Medicine</i> , 2014, 12, 206.	2.3	509
37	Diagnostic Criteria for Vascular Cognitive Disorders. <i>Alzheimer Disease and Associated Disorders</i> , 2014, 28, 206-218.	0.6	529

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38	Visualization of Perivascular Spaces and Perforating Arteries With 7 T Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2014, 49, 307-313.	3.5	102
39	Thrombolysis in Acute Stroke Patients with Cerebral Small Vessel Disease. <i>Cerebrovascular Diseases</i> , 2014, 37, 5-13.	0.8	84
40	Incidental Magnetic Resonance Diffusion-Weighted Imaging—Positive Lesions Are Rare in Neurologically Asymptomatic Community-Dwelling Adults. <i>Stroke</i> , 2014, 45, 2115-2117.	1.0	24
41	Brain MRI to personalise atrial fibrillation therapy: current evidence and perspectives. <i>Heart</i> , 2014, 100, 1408-1413.	1.2	32
42	Stroke Genetics: A Review and Update. <i>Journal of Stroke</i> , 2014, 16, 114.	1.4	78
43	Neurocysticercosis is a Neglected Microbleed Mimic. A Cautionary Note for Stroke Neurologists. <i>European Neurology</i> , 2014, 72, 306-308.	0.6	11
44	Subjective Cognitive Failures in Patients With Hypertension Are Related to Cognitive Performance and Cerebral Microbleeds. <i>Hypertension</i> , 2014, 64, 653-657.	1.3	49
45	New Pooled Cohort Risk Equations and Presence of Asymptomatic Brain Infarction. <i>Stroke</i> , 2014, 45, 3521-3526.	1.0	7
46	Risk of Intracerebral Hemorrhage After Thrombolysis in Patients with Asymptomatic Hemorrhage on T2*. <i>Cerebrovascular Diseases</i> , 2014, 38, 107-116.	0.8	6
47	Leukoaraiosis Predicts a Poor 90-Day Outcome after Endovascular Stroke Therapy. <i>American Journal of Neuroradiology</i> , 2014, 35, 2070-2075.	1.2	44
48	Blood Markers of Coagulation, Fibrinolysis, Endothelial Dysfunction and Inflammation in Lacunar Stroke versus Non-Lacunar Stroke and Non-Stroke: Systematic Review and Meta-Analysis. <i>Cerebrovascular Diseases</i> , 2014, 37, 64-75.	0.8	134
49	Cilostazol Decreases Cerebral Arterial Pulsatility in Patients with Mild White Matter Hyperintensities: Subgroup Analysis from the Effect of Cilostazol in Acute Lacunar Infarction Based on Pulsatility Index of Transcranial Doppler (ECLIPse) Study. <i>Cerebrovascular Diseases</i> , 2014, 38, 197-203.	0.8	28
50	Longitudinal changes in brain volumes and cerebrovascular lesions on MRI in patients with manifest arterial disease: The SMART-MR study. <i>Journal of the Neurological Sciences</i> , 2014, 337, 112-118.	0.3	18
51	Dementia and cognitive decline in type 2 diabetes and prediabetic stages: towards targeted interventions. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, 246-255.	5.5	431
52	Different locations but common associations in subcortical hypodensities of presumed vascular origin: cross-sectional study on clinical and neurosonologic correlates. <i>BMC Neurology</i> , 2014, 14, 24.	0.8	3
53	Prevalence of cortical superficial siderosis in patients with cognitive impairment. <i>Journal of Neurology</i> , 2014, 261, 277-282.	1.8	49
54	Correlation between cerebral microbleeds and S100B/RAGE in acute lacunar stroke patients. <i>Journal of the Neurological Sciences</i> , 2014, 340, 208-212.	0.3	14
55	Dilated Perivascular Spaces in Small-Vessel Disease: A Study in CADASIL. <i>Cerebrovascular Diseases</i> , 2014, 37, 155-163.	0.8	58

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56	Brain imaging in type 2 diabetes. <i>European Neuropsychopharmacology</i> , 2014, 24, 1967-1981.	0.3	96
57	An algorithmic approach to structural imaging in dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 692-698.	0.9	98
58	Neuroimaging in dementia. <i>Maturitas</i> , 2014, 79, 202-208.	1.0	21
59	Cerebral Microvascular Lesions on High-Resolution 7-Tesla MRI in Patients With Type 2 Diabetes. <i>Diabetes</i> , 2014, 63, 3523-3529.	0.3	51
60	Multimodal Markers of Inflammation in the Subcortical Ischemic Vascular Disease Type of Vascular Cognitive Impairment. <i>Stroke</i> , 2014, 45, 1531-1538.	1.0	80
61	White matter perivascular spaces. <i>Neurology</i> , 2014, 82, 57-62.	1.5	151
62	Regional white matter hyperintensities: aging, Alzheimer's disease risk, and cognitive function. <i>Neurobiology of Aging</i> , 2014, 35, 769-776.	1.5	110
63	PDGFB Partial Deletion: a New, Rare Mechanism Causing Brain Calcification with Leukoencephalopathy. <i>Journal of Molecular Neuroscience</i> , 2014, 53, 171-175.	1.1	50
64	Advances in understanding spontaneous intracerebral hemorrhage: insights from neuroimaging. <i>Expert Review of Neurotherapeutics</i> , 2014, 14, 661-678.	1.4	35
65	Advancements in understanding the mechanisms of symptomatic lacunar ischemic stroke: translation of knowledge to prevention strategies. <i>Expert Review of Neurotherapeutics</i> , 2014, 14, 261-276.	1.4	78
66	Estrogen and cerebrovascular regulation in menopause. <i>Molecular and Cellular Endocrinology</i> , 2014, 389, 22-30.	1.6	29
67	Cerebral Microbleeds as a Predictor of Macroleads: What is the Evidence?. <i>International Journal of Stroke</i> , 2014, 9, 457-459.	2.9	24
68	Animal models of vascular dementia: translational potential at the present time and in 2050. <i>Future Neurology</i> , 2014, 9, 163-172.	0.9	3
69	Small Vessel Disease and the Resting Functional Architecture of the Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1089-1090.	2.4	3
70	Imaging small vessel-associated white matter changes in aging. <i>Neuroscience</i> , 2014, 276, 174-186.	1.1	24
71	Clinical characteristics of acute lacunar stroke in women: emphasis on gender differences. <i>Acta Neurologica Belgica</i> , 2014, 114, 107-112.	0.5	11
72	Topography and associations of perivascular spaces in healthy adults. <i>Neurology</i> , 2014, 83, 2116-2123.	1.5	95
73	Emerging Spectra of Silent Brain Infarction. <i>Stroke</i> , 2014, 45, 3461-3471.	1.0	92

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74	Impact of Ambulatory Blood Pressure Variability on Cerebral Small Vessel Disease Progression and Cognitive Decline in Community-Based Elderly Japanese. <i>American Journal of Hypertension</i> , 2014, 27, 1257-1267.	1.0	62
75	Are acute infarcts the cause of leukoaraiosis? Brain mapping for 16 consecutive weeks. <i>Annals of Neurology</i> , 2014, 76, 899-904.	2.8	71
76	Number of Cerebral Microbleeds and Risk of Intracerebral Hemorrhage After Intravenous Thrombolysis. <i>Stroke</i> , 2014, 45, 2900-2905.	1.0	86
77	Patterns of intracranial vessel wall changes in relation to ischemic infarcts. <i>Neurology</i> , 2014, 83, 1316-1320.	1.5	25
78	Stroke subtype, vascular risk factors, and total MRI brain small-vessel disease burden. <i>Neurology</i> , 2014, 83, 1228-1234.	1.5	657
79	What is the role of neuroimaging in dementia? A review. <i>Imaging</i> , 2014, 23, 20120015.	0.0	0
80	Second European Stroke Science Workshop. <i>Stroke</i> , 2014, 45, e113-22.	1.0	2
81	Binswanger's disease: toward a diagnosis agreement and therapeutic approach. <i>Expert Review of Neurotherapeutics</i> , 2014, 14, 1203-1213.	1.4	25
82	Cholinergic Subcortical Hyperintensities in Alzheimer's Disease Patients from the Sunnybrook Dementia Study: Relationships with Cognitive Dysfunction and Hippocampal Atrophy. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 785-796.	1.2	17
83	Structural Imaging Measures of Brain Aging. <i>Neuropsychology Review</i> , 2014, 24, 271-289.	2.5	199
84	Imaging of acute stroke prior to treatment: current practice and evolving techniques. <i>British Journal of Radiology</i> , 2014, 87, 20140216.	1.0	57
85	Dynamic Cerebral Autoregulation and Tissue Oxygenation in Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 765-778.	1.2	113
86	Brain Changes Underlying Cognitive Dysfunction in Diabetes: What Can We Learn From MRI?. <i>Diabetes</i> , 2014, 63, 2244-2252.	0.3	242
87	Early white matter changes in CADASIL: evidence of segmental intramyelinic oedema in a pre-clinical mouse model. <i>Acta Neuropathologica Communications</i> , 2014, 2, 49.	2.4	45
88	Cerebral Small Vessel Disease. <i>Stroke</i> , 2014, 45, 1215-1221.	1.0	79
89	Severe Leukoaraiosis Portends a Poor Outcome After Traumatic Brain Injury. <i>Neurocritical Care</i> , 2014, 21, 483-495.	1.2	7
90	Blood Pressure, Internal Carotid Artery Flow Parameters, and Age-Related White Matter Hyperintensities. <i>Hypertension</i> , 2014, 63, 1011-1018.	1.3	114
91	Leukoaraiosis and Early Neurological Recovery after Intravenous Thrombolysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 2431-2436.	0.7	14

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92	White Matter Perivascular Spaces Are Related to Cortical Superficial Siderosis in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2014, 45, 2930-2935.	1.0	48
93	Understanding brain function through small vessel disease. <i>Neurology</i> , 2014, 82, 1940-1941.	1.5	0
94	Presence and progression of white matter hyperintensities and cognition. <i>Neurology</i> , 2014, 82, 2127-2138.	1.5	235
95	Genome-Wide Genotyping Demonstrates a Polygenic Risk Score Associated With White Matter Hyperintensity Volume in CADASIL. <i>Stroke</i> , 2014, 45, 968-972.	1.0	33
96	Strategic lacunes and their relationship to cognitive impairment in cerebral small vessel disease. <i>NeuroImage: Clinical</i> , 2014, 4, 828-837.	1.4	65
97	Outcome markers for clinical trials in cerebral amyloid angiopathy. <i>Lancet Neurology</i> , The, 2014, 13, 419-428.	4.9	124
98	Visible Virchow-Robin Spaces on Magnetic Resonance Imaging of Alzheimer's Disease Patients and Normal Elderly from the Sunnybrook Dementia Study. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 415-424.	1.2	139
101	Conventional imaging of lacunar infarcts. , 0, , 129-138.		0
102	Spreading of Amyloid, Tau, and Microvascular Pathology in Alzheimer's Disease: Findings from Neuropathological and Neuroimaging Studies. <i>Journal of Alzheimer's Disease</i> , 2014, 42, S421-S429.	1.2	75
103	Sporadic small vessel disease: pathogenic aspects. , 2014, , 52-63.		8
105	Subcortical hyperintensity volumetrics in Alzheimer's disease and normal elderly in the Sunnybrook Dementia Study: correlations with atrophy, executive function, mental processing speed, and verbal memory. <i>Alzheimer's Research and Therapy</i> , 2014, 6, 49.	3.0	42
106	Cerebral small vessel disease: a look to the future. , 0, , 347-352.		0
107	Interplay Between Age, Cerebral Small Vessel Disease, Parenchymal Amyloid- $\beta^2$ , and Tau Pathology: Longitudinal Studies in Hypertensive Stroke-Prone Rats. <i>Journal of Alzheimer's Disease</i> , 2014, 42, S205-S215.	1.2	39
109	Race-Ethnicity and Cerebral Small Vessel Disease – Comparison between Chinese and White Populations. <i>International Journal of Stroke</i> , 2014, 9, 36-42.	2.9	49
110	Structural Brain MRI Trait Polygenic Score Prediction of Cognitive Abilities. <i>Twin Research and Human Genetics</i> , 2015, 18, 738-745.	0.3	4
111	Cerebral small vessel disease. <i>Journal of Hypertension</i> , 2015, 33, 2025-2028.	0.3	14
112	Baseline white matter microstructural integrity is not related to cognitive decline after 5years: The RUN DMC study. <i>BBA Clinical</i> , 2015, 4, 108-114.	4.1	26
113	Risk Factors and Consequences of Cortical Thickness in an Asian Population. <i>Medicine (United States)</i> , 2015, 94, e852.	0.4	18

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114	Rationale, design and methodology of the image analysis protocol for studies of patients with cerebral small vessel disease and mild stroke. <i>Brain and Behavior</i> , 2015, 5, e00415.	1.0	65
115	Impact of cerebral white matter changes on functionality in older adults: An overview of the LADIS Study results and future directions. <i>Geriatrics and Gerontology International</i> , 2015, 15, 10-16.	0.7	56
116	White matter hyperintensities and geriatric syndrome: An important role of arterial stiffness. <i>Geriatrics and Gerontology International</i> , 2015, 15, 17-25.	0.7	15
117	A Comparison of Location of Acute Symptomatic vs. "Silent" Small Vessel Lesions. <i>International Journal of Stroke</i> , 2015, 10, 1044-1050.	2.9	59
118	Ambulatory Arterial Stiffness Index Is Not Associated With Magnetic Resonance Imaging Markers of Cerebral Small Vessel Disease in Lacunar Stroke Patients. <i>Journal of Clinical Hypertension</i> , 2015, 17, 352-356.	1.0	6
119	<i>APOE/TOMM40</i> Genetic Loci, White Matter Hyperintensities, and Cerebral Microbleeds. <i>International Journal of Stroke</i> , 2015, 10, 1297-1300.	2.9	15
120	Subcortical Atrophy in Cognitive Impairment and Dementia. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 813-823.	1.2	32
121	Small Brain Lesions and Incident Stroke and Mortality. <i>Annals of Internal Medicine</i> , 2015, 163, 22-31.	2.0	47
122	Analysis of Cerebral Lobar Microbleeds and a Decreased Cerebral Blood Flow in a Memory Clinic Setting. <i>Internal Medicine</i> , 2015, 54, 1027-1033.	0.3	12
123	White Matter Changes are Associated with Ventricular Expansion in Aging, Mild Cognitive Impairment, and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 49, 329-342.	1.2	30
124	Porous silicon nanoparticles as biocompatible contrast agents for magnetic resonance imaging. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	52
125	Design of Randomized, Double-Blind, Evaluation in Secondary Stroke Prevention Comparing the Efficacy and Safety of the Oral Thrombin Inhibitor Dabigatran Etexilate vs. Acetylsalicylic Acid in Patients with Embolic Stroke of Undetermined Source (Re-Spect Esus). <i>International Journal of Stroke</i> , 2015, 10, 1309-1312.	2.9	147
127	Unraveling the potential co-contributions of cerebral small vessel vasculopathy to the pathogenesis of Alzheimer's dementia. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 49.	3.0	4
128	Cerebrovascular MRI: a review of state-of-the-art approaches, methods and techniques. <i>NMR in Biomedicine</i> , 2015, 28, 767-791.	1.6	38
129	Cerebrovascular Correlates of Vitamin D Deficiency in Older Adults Living near the Equator: Results from the Atahualpa Project. <i>International Journal of Stroke</i> , 2015, 10, 1301-1303.	2.9	16
130	Waking Up MRI-Visible Perivascular Spaces and Drainage Research. <i>Sleep</i> , 2015, 38, 845-6.	0.6	1
131	Virchow-Robin Spaces: Correlations with Polysomnography-Derived Sleep Parameters. <i>Sleep</i> , 2015, 38, 853-8.	0.6	65
132	White Matter and Hippocampal Volume Predict the Risk of Dementia in Patients with Cerebral Small Vessel Disease: The ARUN DMC Study. <i>Journal of Alzheimer's Disease</i> , 2015, 49, 863-873.	1.2	40



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133	Cerebral Amyloid Angiopathy-Related Microbleeds Correlate with Glucose Metabolism and Brain Volume in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 517-528.	1.2	38
134	Subcortical Microbleeds in Disseminated Intravascular Coagulation Mimicking Amyloid Angiopathy. <i>Journal of Neuroimaging</i> , 2015, 25, 660-661.	1.0	3
135	The Clinical Relevance of Microbleeds in Stroke study (CROMIS-2): rationale, design, and methods. <i>International Journal of Stroke</i> , 2015, 10, 155-161.	2.9	51
136	Transplanted microvascular endothelial cells promote oligodendrocyte precursor cell survival in ischemic demyelinating lesions. <i>Journal of Neurochemistry</i> , 2015, 135, 539-550.	2.1	15
137	Comorbid Medical Conditions in Vascular Dementia. <i>Journal of Nervous and Mental Disease</i> , 2015, 203, 604-608.	0.5	8
138	Prevention and Management of Cerebral Small Vessel Disease. <i>Journal of Stroke</i> , 2015, 17, 111.	1.4	80
139	Evolving Concept of Small Vessel Disease through Advanced Brain Imaging. <i>Journal of Stroke</i> , 2015, 17, 94.	1.4	47
140	Gray matter blood flow and volume are reduced in association with white matter hyperintensity lesion burden: a cross-sectional MRI study. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 131.	1.7	58
141	Cerebral Amyloid and Hypertension are Independently Associated with White Matter Lesions in Elderly. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 221.	1.7	50
142	MRI Characteristics of the Evolution of Supratentorial Recent Small Subcortical Infarcts. <i>Frontiers in Neurology</i> , 2015, 6, 118.	1.1	9
144	Association between Perivascular Spaces and Progression of White Matter Hyperintensities in Lacunar Stroke Patients. <i>PLoS ONE</i> , 2015, 10, e0137323.	1.1	33
145	Relationship between Cerebral Microbleeds and Liver Stiffness Determined by Transient Elastography. <i>PLoS ONE</i> , 2015, 10, e0139227.	1.1	25
146	Middle Cerebral Artery Atherosclerotic Plaques in Recent Small Subcortical Infarction: A Three-Dimensional High-resolution MR Study. <i>BioMed Research International</i> , 2015, 2015, 1-7.	0.9	14
147	Prognostic Impact of Cerebral Small Vessel Disease on Stroke Outcome. <i>Journal of Stroke</i> , 2015, 17, 101.	1.4	71
148	Exploring Cerebral Small Vessel Disease Research Using Informetrics: A First Glimpse into Microbleeds. <i>International Journal of Stroke</i> , 2015, 10, E87-E88.	2.9	0
149	Nocturnal Hypoxemia Is Associated with White Matter Hyperintensities in Patients with a Minor Stroke or Transient Ischemic Attack. <i>Journal of Clinical Sleep Medicine</i> , 2015, 11, 1417-1424.	1.4	23
150	Markers of Cardiac Dysfunction in Cognitive Impairment and Dementia. <i>Medicine (United States)</i> , 2015, 94, e297.	0.4	60
151	Acute infarcts cause focal thinning in remote cortex via degeneration of connecting fiber tracts. <i>Neurology</i> , 2015, 84, 1685-1692.	1.5	152

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152	Relationship Between White Matter Hyperintensities, Cortical Thickness, and Cognition. <i>Stroke</i> , 2015, 46, 425-432.	1.0	147
154	Automatic Detection of White Matter Hyperintensities in Healthy Aging and Pathology Using Magnetic Resonance Imaging: A Review. <i>Neuroinformatics</i> , 2015, 13, 261-276.	1.5	127
155	Association between arterial stiffness, cerebral small vessel disease and cognitive impairment: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 53, 121-130.	2.9	187
156	Smoking and white matter hyperintensity progression. <i>Neurology</i> , 2015, 84, 841-848.	1.5	70
157	Cerebral Computed Tomography-Graded White Matter Lesions Are Associated With Worse Outcome After Thrombolysis in Patients With Stroke. <i>Stroke</i> , 2015, 46, 1554-1560.	1.0	34
158	Leukoaraiosis Burden Significantly Modulates the Association Between Infarct Volume and National Institutes of Health Stroke Scale in Ischemic Stroke. <i>Stroke</i> , 2015, 46, 1857-1863.	1.0	63
159	Population-Based Study of Cerebral Microbleeds in Stroke-Free Older Adults Living in Rural Ecuador. <i>Stroke</i> , 2015, 46, 1984-1986.	1.0	24
160	Imaging in StrokeNet. <i>Stroke</i> , 2015, 46, 2000-2006.	1.0	25
161	Subclinical cerebrovascular disease inversely associates with learning ability. <i>Neurology</i> , 2015, 84, 2362-2367.	1.5	8
162	A priori collaboration in population imaging: The Uniform Neuroimaging of Virchow-Robin Spaces Enlargement consortium. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 513-520.	1.2	46
163	New Cerebral Microbleeds After Mechanical Thrombectomy for Large-Vessel Occlusion Strokes. <i>Medicine (United States)</i> , 2015, 94, e2180.	0.4	8
164	Brain volumetric changes and cognitive ageing during the eighth decade of life. <i>Human Brain Mapping</i> , 2015, 36, 4910-4925.	1.9	79
165	Pharmacological Treatment and Prevention of Cerebral Small Vessel Disease: A Review of Potential Interventions. <i>International Journal of Stroke</i> , 2015, 10, 469-478.	2.9	146
166	Clinical effect of white matter network disruption related to amyloid and small vessel disease. <i>Neurology</i> , 2015, 85, 63-70.	1.5	79
167	Small DWI lesions after intracerebral hemorrhage. <i>Neurology</i> , 2015, 85, 2004-2005.	1.5	0
168	Cerebral Microbleeds: Detection, Associations and Clinical Implications. <i>Frontiers of Neurology and Neuroscience</i> , 2016, 37, 78-92.	3.0	39
169	What are White Matter Hyperintensities Made of?. <i>Journal of the American Heart Association</i> , 2015, 4, 001140.	1.6	599
170	Clinical impact of leukoaraiosis burden and chronological age on neurological deficit recovery and 90-day outcome after minor ischemic stroke. <i>Journal of the Neurological Sciences</i> , 2015, 359, 418-423.	0.3	34

#	ARTICLE	IF	CITATIONS
171	Clinical Outcome in Acute Ischemic Stroke Patients With Microbleeds After Thrombolytic Therapy. <i>Medicine (United States)</i> , 2015, 94, e2379.	0.4	7
172	Three-dimensional observation of Virchow's "Robin spaces" in the basal ganglia and white matter and their relevance to idiopathic normal pressure hydrocephalus. <i>Fluids and Barriers of the CNS</i> , 2015, 12, 15.	2.4	19
173	N-glycome Profile Levels Relate to Silent Brain Infarcts in a Cohort of Hypertensives. <i>Journal of the American Heart Association</i> , 2015, 4, .	1.6	3
174	Risk Factors of Cerebral Microbleeds in Strictly Deep or Lobar Brain Regions Differed. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 24-30.	0.7	6
175	Incompleteness of the Circle of Willis Correlates Poorly with Imaging Evidence of Small Vessel Disease. A Population-based Study in Rural Ecuador (the Atahualpa Project). <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 73-77.	0.7	15
176	Megacities air pollution problems: Mexico City Metropolitan Area critical issues on the central nervous system pediatric impact. <i>Environmental Research</i> , 2015, 137, 157-169.	3.7	101
177	Fabry disease mimicking multiple sclerosis: Lessons from two case reports. <i>Multiple Sclerosis and Related Disorders</i> , 2015, 4, 170-175.	0.9	15
178	Central artery stiffness, baroreflex sensitivity, and brain white matter neuronal fiber integrity in older adults. <i>NeuroImage</i> , 2015, 110, 162-170.	2.1	41
179	White matter lesion load is associated with resting state functional MRI activity and amyloid pet but not FDG in mild cognitive impairment and early alzheimer's disease patients. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 102-109.	1.9	63
180	Vascular contributions to cognitive impairment. <i>Neurology: Clinical Practice</i> , 2015, 5, 201-208.	0.8	11
181	Diagnostic differentiation of mild cognitive impairment due to Alzheimer's disease using a hippocampus-dependent test of spatial memory. <i>Hippocampus</i> , 2015, 25, 939-951.	0.9	59
182	The Association of Ankle-Brachial Index with Silent Cerebral Small Vessel Disease: Results of the Atahualpa Project. <i>International Journal of Stroke</i> , 2015, 10, 589-593.	2.9	22
183	Stroke and pineal gland calcification: Lack of association. Results from a population-based study (The Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	3
184	The Spectrum of MR Detectable Cortical Microinfarcts: A Classification Study with 7-Tesla Postmortem MRI and Histopathology. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 676-683.	2.4	54
185	Beyond BOLD: Optimizing functional imaging in stroke populations. <i>Human Brain Mapping</i> , 2015, 36, 1620-1636.	1.9	61
186	Hyperactivation of working memory-related brain circuits in newly diagnosed middle-aged type 2 diabetics. <i>Acta Diabetologica</i> , 2015, 52, 133-142.	1.2	24
187	Brain changes in T1DM—a microvascular complication?. <i>Nature Reviews Endocrinology</i> , 2015, 11, 447-448.	4.3	3
188	Low Serum Vitamin D Is Independently Associated with Larger Lesion Volumes after Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 1555-1563.	0.7	55

#	ARTICLE	IF	CITATIONS
189	Long-Term Bloodâ€“Brain Barrier Permeability Changes in Binswanger Disease. <i>Stroke</i> , 2015, 46, 2413-2418.	1.0	107
190	The effect of levodopa on postural stability evaluated by wearable inertial measurement units for idiopathic and vascular Parkinson's disease. <i>Gait and Posture</i> , 2015, 41, 459-464.	0.6	23
191	White matter signal abnormality quality differentiates mild cognitive impairment that converts to Alzheimer's disease from nonconverters. <i>Neurobiology of Aging</i> , 2015, 36, 2447-2457.	1.5	41
192	Cortical superficial siderosis: detection and clinical significance in cerebral amyloid angiopathy and related conditions. <i>Brain</i> , 2015, 138, 2126-2139.	3.7	295
193	Alzheimer's disease research in the context of the national plan to address Alzheimer's disease. <i>Molecular Aspects of Medicine</i> , 2015, 43-44, 16-24.	2.7	14
194	Short-Term Blood Pressure Variability Relates to the Presence of Subclinical Brain Small Vessel Disease in Primary Hypertension. <i>Hypertension</i> , 2015, 66, 634-640.	1.3	72
195	Chronic Kidney Disease in Patients With Lacunar Stroke. <i>Stroke</i> , 2015, 46, 2081-2086.	1.0	65
196	Morphological MRI Characteristics of Recent Small Subcortical Infarcts. <i>International Journal of Stroke</i> , 2015, 10, 1037-1043.	2.9	16
197	Cerebral autoregulation, beta amyloid, and white matter hyperintensities are interrelated. <i>Neuroscience Letters</i> , 2015, 592, 54-58.	1.0	77
198	Vascular parkinsonismâ€™ characteristics, pathogenesis and treatment. <i>Nature Reviews Neurology</i> , 2015, 11, 319-326.	4.9	113
199	White Matter Perivascular Spaces on Magnetic Resonance Imaging. <i>Stroke</i> , 2015, 46, 1707-1709.	1.0	77
200	Bayesian Model Selection for Pathological Neuroimaging Data Applied to White Matter Lesion Segmentation. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 2079-2102.	5.4	123
201	Bridging the gap between the neurocognitive lab and the addiction clinic. <i>Addictive Behaviors</i> , 2015, 44, 108-114.	1.7	36
202	Poor sleep quality and silent markers of cerebral small vessel disease: a population-based study in community-dwelling older adults (The Atahualpa Project). <i>Sleep Medicine</i> , 2015, 16, 428-431.	0.8	60
203	Cerebral amyloid angiopathy with and without hemorrhage. <i>Neurology</i> , 2015, 84, 1206-1212.	1.5	101
204	Cognitive performance in community-dwelling older adults with stroke and the contribution of age and diffuse subcortical damage: a population-based study in rural Ecuador (The Atahualpa Project). <i>Aging Clinical and Experimental Research</i> , 2015, 27, 647-652.	1.4	5
205	Cohort study ON Neuroimaging, Etiology and Cognitive consequences of Transient neurological attacks (CONNECT): study rationale and protocol. <i>BMC Neurology</i> , 2015, 15, 36.	0.8	7
206	Using visual rating to diagnose dementia: a critical evaluation of MRI atrophy scales. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 1225-1233.	0.9	114

#	ARTICLE	IF	CITATIONS
207	Aberrant White Matter Networks Mediate Cognitive Impairment in Patients with Silent Lacunar Infarcts in Basal Ganglia Territory. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1426-1434.	2.4	18
208	White matter hyperintensities in middle-aged adults with childhood-onset type 1 diabetes. <i>Neurology</i> , 2015, 84, 2062-2069.	1.5	54
209	Apolipoprotein E-dependent load of white matter hyperintensities in Alzheimer's disease: a voxel-based lesion mapping study. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 27.	3.0	13
211	Cerebral Lesions on 7 Tesla MRI in Patients with Sickle Cell Anemia. <i>Cerebrovascular Diseases</i> , 2015, 39, 181-189.	0.8	20
212	Cerebral Perivascular Spaces Visible on Magnetic Resonance Imaging: Development of a Qualitative Rating Scale and its Observer Reliability. <i>Cerebrovascular Diseases</i> , 2015, 39, 224-231.	0.8	292
213	Cerebral small vessel disease, cognitive reserve and cognitive dysfunction. <i>Journal of Neurology</i> , 2015, 262, 2411-2419.	1.8	63
214	Cortical microinfarcts on 3T MRI: Clinical correlates in memory clinic patients. <i>Alzheimer's and Dementia</i> , 2015, 11, 1500-1509.	0.4	109
215	Cerebral Small Vessel Disease and Renal Function: Systematic Review and Meta-Analysis. <i>Cerebrovascular Diseases</i> , 2015, 39, 39-52.	0.8	81
216	Vascular Disease and Risk Factors are Associated With Cognitive Decline in the Alzheimer Disease Spectrum. <i>Alzheimer Disease and Associated Disorders</i> , 2015, 29, 18-25.	0.6	49
217	Predictors of progression in patients presenting with minor subcortical stroke. <i>Acta Neurologica Scandinavica</i> , 2015, 132, 304-309.	1.0	17
218	Dilated Perivascular Spaces in the Basal Ganglia Are a Biomarker of Small-Vessel Disease in a Very Elderly Population with Dementia. <i>American Journal of Neuroradiology</i> , 2015, 36, 893-898.	1.2	54
219	Vascular Imaging Abnormalities and Cognition. <i>Stroke</i> , 2015, 46, 433-440.	1.0	125
220	Isolated, subtle, neurological abnormalities in neurologically and cognitively healthy aging subjects. <i>Journal of Neurology</i> , 2015, 262, 1328-1339.	1.8	11
221	Is type 2 diabetes related to leukoaraiosis? an updated review. <i>Acta Neurologica Scandinavica</i> , 2015, 132, 147-155.	1.0	48
222	Atrial Fibrillation and Cognition. <i>Stroke</i> , 2015, 46, 3316-3321.	1.0	56
223	Brain iron deposits and lifespan cognitive ability. <i>Age</i> , 2015, 37, 100.	3.0	24
224	Cerebellar Cortical Infarct Cavities. <i>Stroke</i> , 2015, 46, 3154-3160.	1.0	17
225	Capillary Dysfunction: Its Detection and Causative Role in Dementias and Stroke. <i>Current Neurology and Neuroscience Reports</i> , 2015, 15, 37.	2.0	68

#	ARTICLE	IF	CITATIONS
226	Impact of nocturnal heart rate variability on cerebral small-vessel disease progression: a longitudinal study in community-dwelling elderly Japanese. <i>Hypertension Research</i> , 2015, 38, 564-569.	1.5	30
227	Brain health and shared risk factors for dementia and stroke. <i>Nature Reviews Neurology</i> , 2015, 11, 651-657.	4.9	82
228	Enlarged perivascular spaces and small diffusion-weighted lesions in intracerebral hemorrhage. <i>Neurology</i> , 2015, 85, 2045-2052.	1.5	46
229	Early Life Risk Factors for Stroke and Cognitive Impairment. <i>Current Epidemiology Reports</i> , 2015, 2, 172-179.	1.1	3
231	Microbleed Status and 3-Month Outcome After Intravenous Thrombolysis in 717 Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2015, 46, 2458-2463.	1.0	41
232	White Matter Hyperintensities Relate to Clinical Progression in Subjective Cognitive Decline. <i>Stroke</i> , 2015, 46, 2661-2664.	1.0	73
233	Acute Diffusion-Weighted Imaging Lesion Patterns Predict Progressive Small Subcortical Infarct in the Perforator Territory of the Middle Cerebral Artery. <i>International Journal of Stroke</i> , 2015, 10, 207-212.	2.9	16
234	White Matter Hyperintensities of Presumed Vascular Origin: A Population-Based Study in Rural Ecuador (The Atahualpa Project). <i>International Journal of Stroke</i> , 2015, 10, 372-375.	2.9	41
235	Ethnicity and Neuroimaging Markers of Cerebral Small Vessel Disease: Neglected but Clinically Important. <i>International Journal of Stroke</i> , 2015, 10, E34-E34.	2.9	2
236	Reduced Blood Flow in Normal White Matter Predicts Development of Leukoaraiosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1610-1615.	2.4	90
237	Cerebral small vessel disease and incident parkinsonism. <i>Neurology</i> , 2015, 85, 1569-1577.	1.5	85
238	Obesity, Insulin Resistance, and Incident Small Vessel Disease on Magnetic Resonance Imaging. <i>Stroke</i> , 2015, 46, 3131-3136.	1.0	67
239	Leisure-Time Physical Inactivity Associated with Vascular Depression or Apathy in Community-Dwelling Elderly Subjects: The Sefuri Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 2625-2631.	0.7	21
240	Association of Magnetic Resonance Imaging Markers of Cerebrovascular Disease Burden and Cognition. <i>Stroke</i> , 2015, 46, 2808-2814.	1.0	48
241	Structural and physiological MRI correlates of occult cerebrovascular disease in late-onset epilepsy. <i>NeuroImage: Clinical</i> , 2015, 9, 128-133.	1.4	26
242	Prognostic Factors for Cognitive Decline After Intracerebral Hemorrhage. <i>Stroke</i> , 2015, 46, 2773-2778.	1.0	61
243	Plasma Biomarkers of Inflammation, Endothelial Function and Hemostasis in Cerebral Small Vessel Disease. <i>Cerebrovascular Diseases</i> , 2015, 40, 157-164.	0.8	40
244	Deep Cerebral Microbleeds and Renal Dysfunction in Patients with Acute Lacunar Infarcts. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 2572-2579.	0.7	9

#	ARTICLE	IF	CITATIONS
245	Cerebellar infarct patterns: The SMART-Medea study. <i>NeuroImage: Clinical</i> , 2015, 8, 314-321.	1.4	28
246	White matter integrity in small vessel disease is related to cognition. <i>NeuroImage: Clinical</i> , 2015, 7, 518-524.	1.4	143
247	Cortical thickness estimation in longitudinal stroke studies: A comparison of 3 measurement methods. <i>NeuroImage: Clinical</i> , 2015, 8, 526-535.	1.4	32
248	Post-stroke cognitive decline: an update and perspectives for clinical research. <i>European Journal of Neurology</i> , 2015, 22, 229.	1.7	184
249	Vascular contributions to cognitive impairment and dementia including Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015, 11, 710-717.	0.4	461
250	Early cerebral small vessel disease and brain volume, cognition, and gait. <i>Annals of Neurology</i> , 2015, 77, 251-261.	2.8	150
251	White Matter Changes in Dementia: Role of Impaired Drainage of Interstitial Fluid. <i>Brain Pathology</i> , 2015, 25, 63-78.	2.1	137
252	White Matter Hypoperfusion and Damage in Dementia: Post-Mortem Assessment. <i>Brain Pathology</i> , 2015, 25, 99-107.	2.1	30
253	Recommendations From the International Stroke Genetics Consortium, Part 1. <i>Stroke</i> , 2015, 46, 279-284.	1.0	22
254	White matter hyperintensities and normal-appearing white matter integrity in the aging brain. <i>Neurobiology of Aging</i> , 2015, 36, 909-918.	1.5	224
255	Characterization of cerebral microbleeds in idiopathic Parkinson's disease. <i>European Journal of Neurology</i> , 2015, 22, 377-383.	1.7	23
256	Brain abnormalities in newly diagnosed neuropsychiatric lupus: Systematic MRI approach and correlation with clinical and laboratory data in a large multicenter cohort. <i>Autoimmunity Reviews</i> , 2015, 14, 153-159.	2.5	106
257	Structural network alterations and neurological dysfunction in cerebral amyloid angiopathy. <i>Brain</i> , 2015, 138, 179-188.	3.7	145
258	Epilepsy associated with Leukoaraiosis mainly affects temporal lobe: a casual or causal relationship?. <i>Epilepsy Research</i> , 2015, 109, 1-8.	0.8	39
259	Severe MRI-visible perivascular spaces due to cerebral amyloid angiopathy. <i>Practical Neurology</i> , 2015, 15, 74-75.	0.5	3
260	Spinal cord involvement in chronic inflammatory demyelinating polyradiculoneuropathy: a clinical and MRI study. <i>Acta Neurologica Belgica</i> , 2015, 115, 141-145.	0.5	9
261	Glucose regulation, cognition, and brain MRI in type 2 diabetes: a systematic review. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 75-89.	5.5	281
262	Progression of White Matter Hyperintensities of Presumed Vascular Origin Increases the Risk of Falls in Older People. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 360-366.	1.7	44



#	ARTICLE	IF	CITATIONS
263	An exploratory intervention study suggests clinical benefits of training in chronic stroke to be paralleled by changes in brain activity using repeated fMRI. <i>Clinical Interventions in Aging</i> , 2016, 11, 97.	1.3	12
264	Lower Serum Caveolin-1 Is Associated with Cerebral Microbleeds in Patients with Acute Ischemic Stroke. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-7.	1.9	11
265	Stroke prevention. , 0, , 567-593.		0
266	Dynamic Progression of White Matter Hyperintensities in Alzheimer's Disease and Normal Aging: Results from the Sunnybrook Dementia Study. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 62.	1.7	39
267	Cerebral Blood Flow Alterations as Assessed by 3D ASL in Cognitive Impairment in Patients with Subcortical Vascular Cognitive Impairment: A Marker for Disease Severity. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 211.	1.7	36
268	Impaired White Matter Connections of the Limbic System Networks Associated with Impaired Emotional Memory in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 250.	1.7	34
269	Total Cerebral Small Vessel Disease MRI Score Is Associated with Cognitive Decline in Executive Function in Patients with Hypertension. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 301.	1.7	71
270	Amyloid Dysmetabolism Relates to Reduced Glucose Uptake in White Matter Hyperintensities. <i>Frontiers in Neurology</i> , 2016, 7, 209.	1.1	11
271	Examining Subcortical Infarcts in the Era of Acute Multimodality CT Imaging. <i>Frontiers in Neurology</i> , 2016, 7, 220.	1.1	17
272	Automated Detection of Lupus White Matter Lesions in MRI. <i>Frontiers in Neuroinformatics</i> , 2016, 10, 33.	1.3	18
273	Structural MR Imaging in the Diagnosis of Alzheimer's Disease and Other Neurodegenerative Dementia: Current Imaging Approach and Future Perspectives. <i>Korean Journal of Radiology</i> , 2016, 17, 827.	1.5	61
274	Exercise Does Not Protect against Peripheral and Central Effects of a High Cholesterol Diet Given Ad libitum in Old ApoE <sup>-/-</sup> Mice. <i>Frontiers in Physiology</i> , 2016, 7, 453.	1.3	14
275	Association between Aortic Atheroma and Cerebral Small Vessel Disease in Patients with Ischemic Stroke. <i>Journal of Stroke</i> , 2016, 18, 312-320.	1.4	42
276	White matter hyperintensities in relation to cognition in HIV-infected men with sustained suppressed viral load on combination antiretroviral therapy. <i>Aids</i> , 2016, 30, 2329-2339.	1.0	67
277	Arterial ischemic stroke in HIV. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016, 3, e254.	3.1	45
278	White matter microstructural damage and depressive symptoms in patients with mild cognitive impairment and cerebral small vessel disease: the VMCI-Tuscany Study. <i>International Journal of Geriatric Psychiatry</i> , 2016, 31, 611-618.	1.3	15
279	White Matter Hyperintensities on Brain Magnetic Resonance Imaging in People with Epilepsy: A Hospital-Based Study. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 758-763.	1.9	7
280	Individual variability of cerebral autoregulation, posterior cerebral circulation and white matter hyperintensity. <i>Journal of Physiology</i> , 2016, 594, 3141-3155.	1.3	33



#	ARTICLE	IF	CITATIONS
281	Small vessel disease and cognitive impairment: The relevance of central network connections. <i>Human Brain Mapping</i> , 2016, 37, 2446-2454.	1.9	39
282	Cerebral microbleeds in early Alzheimer's disease. <i>Journal of Neurology</i> , 2016, 263, 1961-1968.	1.8	37
283	Risk factor analysis of cerebral white matter hyperintensities in children with sickle cell disease. <i>British Journal of Haematology</i> , 2016, 172, 274-284.	1.2	25
284	Total Magnetic Resonance Imaging Burden of Small Vessel Disease in Cerebral Amyloid Angiopathy. <i>JAMA Neurology</i> , 2016, 73, 994.	4.5	139
285	Global White Matter Hypoperfusion on $\text{CT}$ Predicts Larger Infarcts and Hemorrhagic Transformation after Acute Ischemia. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 238-243.	1.9	17
286	Cerebral white matter lesions' associations with $\text{A}\beta$ isoforms and amyloid PET. <i>Scientific Reports</i> , 2016, 6, 20709.	1.6	52
287	Apolipoprotein $\text{E}\epsilon$ 4 is Associated with Dementia and Cognitive Impairment Predominantly Due to Alzheimer's Disease and Not with Vascular Cognitive Impairment: A Singapore-Based Cohort. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 1111-1118.	1.2	19
288	The Influence of Age in the Relationship between Cerebral Small Vessel Disease and Edentulism. The Atahualpa Project. <i>European Neurology</i> , 2016, 76, 112-116.	0.6	9
289	Update on cerebral small vessel disease: a dynamic whole-brain disease. <i>Stroke and Vascular Neurology</i> , 2016, 1, 83-92.	1.5	311
290	Antithrombotic therapy to prevent cognitive decline in people with small vessel disease on neuroimaging but without dementia. <i>The Cochrane Library</i> , 2016, .	1.5	3
291	Cerebral Small Vessel Disease and Motoric Cognitive Risk Syndrome: Results from the Kerala-Einstein Study. <i>Journal of Alzheimer's Disease</i> , 2016, 50, 699-707.	1.2	47
292	Is the time ripe for new diagnostic criteria of cognitive impairment due to cerebrovascular disease? Consensus report of the International Congress on Vascular Dementia working group. <i>BMC Medicine</i> , 2016, 14, 162.	2.3	30
293	The Interventional Effect of Remote Ischemic Preconditioning on Cerebral Small Vessel Disease: A Pilot Randomized Clinical Trial. <i>European Neurology</i> , 2016, 76, 28-34.	0.6	49
294	Cognitive reserve moderates long-term cognitive and functional outcome in cerebral small vessel disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 1296-1302.	0.9	45
295	Predictors for vascular cognitive impairment in stroke patients. <i>BMC Neurology</i> , 2016, 16, 115.	0.8	32
296	Automated detection of white matter hyperintensities of all sizes in cerebral small vessel disease. <i>Medical Physics</i> , 2016, 43, 6246-6258.	1.6	59
297	Imaging markers of cerebrovascular pathologies: Pathophysiology, clinical presentation, and risk factors. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016, 5, 5-14.	1.2	17
298	Association of Serum Vitamin D with the Risk of Incident Dementia and Subclinical Indices of Brain Aging: The Framingham Heart Study. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 451-461.	1.2	99

#	ARTICLE	IF	CITATIONS
299	Growth differentiation factor-15 and white matter hyperintensities in cognitive impairment and dementia. <i>Medicine (United States)</i> , 2016, 95, e4566.	0.4	46
300	Validation of the Total Cerebrovascular Disease Burden Scale in a Community Sample. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 1021-1028.	1.2	9
301	Ischemic cerebrovascular burden evaluated by magnetic resonance imaging in an elderly Brazilian community: The Piet� study. <i>ENeurologicalSci</i> , 2016, 5, 30-34.	0.5	8
302	Hippocampus and Basal Forebrain Volumetry for Dementia and Mild Cognitive Impairment Diagnosis: Could It Be Useful in Primary Care?. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 1379-1394.	1.2	11
303	Microalbuminuria and the Combination of MRI Markers of Cerebral Small Vessel Disease. <i>Cerebrovascular Diseases</i> , 2016, 42, 66-72.	0.8	17
304	Clinical features of high-degree centrum semiovale-perivascular spaces in cerebral amyloid angiopathy. <i>Journal of the Neurological Sciences</i> , 2016, 367, 89-94.	0.3	22
305	Reproducibility and variability of quantitative magnetic resonance imaging markers in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1319-1337.	2.4	80
306	Perivascular spaces on 7 Tesla brain MRI are related to markers of small vessel disease but not to age or cardiovascular risk factors. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1708-1717.	2.4	38
307	Longitudinal decrease in blood oxygenation level dependent response in cerebral amyloid angiopathy. <i>NeuroImage: Clinical</i> , 2016, 11, 461-467.	1.4	24
308	Cerebral microbleeds are associated with physical frailty: a community-based study. <i>Neurobiology of Aging</i> , 2016, 44, 143-150.	1.5	46
309	Sporadic Cerebral Amyloid Angiopathy: Pathophysiology, Neuroimaging Features, and Clinical Implications. <i>Seminars in Neurology</i> , 2016, 36, 233-243.	0.5	45
310	Pathoconnectomics of cognitive impairment in small vessel disease: A systematic review. <i>Alzheimer's and Dementia</i> , 2016, 12, 831-845.	0.4	66
311	Shape of the Central Sulcus and Disability After Subcortical Stroke. <i>Stroke</i> , 2016, 47, 1023-1029.	1.0	12
312	Brain imaging of neurovascular dysfunction in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2016, 131, 687-707.	3.9	160
313	Resting state connectivity and cognitive performance in adults with cerebral autosomal-dominant arteriopathy with subcortical infarcts and leukoencephalopathy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 981-991.	2.4	10
314	Features and Determinants of Lacune Shape. <i>Stroke</i> , 2016, 47, 1258-1264.	1.0	11
315	Genetic Associations With White Matter Hyperintensities Confer Risk of Lacunar Stroke. <i>Stroke</i> , 2016, 47, 1174-1179.	1.0	22
316	Risk of Symptomatic Intracerebral Hemorrhage After Intravenous Thrombolysis in Patients With Acute Ischemic Stroke and High Cerebral Microbleed Burden. <i>JAMA Neurology</i> , 2016, 73, 675.	4.5	158

#	ARTICLE	IF	CITATIONS
317	Cerebrospinal fluid volumetric MRI mapping as a simple measurement for evaluating brain atrophy. <i>European Radiology</i> , 2016, 26, 1254-1262.	2.3	14
318	Determinants of white matter hyperintensity burden in patients with Fabry disease. <i>Neurology</i> , 2016, 86, 1880-1886.	1.5	42
319	On the computational assessment of white matter hyperintensity progression: difficulties in method selection and bias field correction performance on images with significant white matter pathology. <i>Neuroradiology</i> , 2016, 58, 475-485.	1.1	9
320	Dementia risk after spontaneous intracerebral haemorrhage: a prospective cohort study. <i>Lancet Neurology</i> , The, 2016, 15, 820-829.	4.9	181
321	Morphological classification of penetrating artery pontine infarcts and association with risk factors and prognosis: The SPS3 trial. <i>International Journal of Stroke</i> , 2016, 11, 412-419.	2.9	8
322	Interarm differences in systolic blood pressure and the risk of dementia and subclinical brain injury. <i>Alzheimer's and Dementia</i> , 2016, 12, 438-445.	0.4	11
323	White Matter Hyperintensities Are Under Strong Genetic Influence. <i>Stroke</i> , 2016, 47, 1422-1428.	1.0	38
324	Cortical cerebral microinfarcts on 3T MRI. <i>Neurology</i> , 2016, 87, 1583-1590.	1.5	101
325	Reliability of Two Ankle-Brachial Index Methods to Predict Silent Lacunar Infarcts: A Population-Based Study in Stroke-Free Older Adults (the Atahualpa Project). <i>International Journal of Angiology</i> , 2016, 25, e173-e176.	0.2	0
326	Microbleeds on MRI are associated with microinfarcts on autopsy in cerebral amyloid angiopathy. <i>Neurology</i> , 2016, 87, 1488-1492.	1.5	35
327	Impaired dynamic cerebrovascular response to hypercapnia predicts development of white matter hyperintensities. <i>NeuroImage: Clinical</i> , 2016, 11, 796-801.	1.4	41
328	White matter disease in midlife is heritable, related to hypertension, and shares some genetic influence with systolic blood pressure. <i>NeuroImage: Clinical</i> , 2016, 12, 737-745.	1.4	23
329	Application of the Ordered Logit Model to Optimising Frangi Filter Parameters for Segmentation of Perivascular Spaces. <i>Procedia Computer Science</i> , 2016, 90, 61-67.	1.2	28
330	Striatal silent lacunar infarction is associated with changes to the substantia nigra in patients with early-stage Parkinson's disease: A diffusion kurtosis imaging study. <i>Journal of Clinical Neuroscience</i> , 2016, 33, 138-141.	0.8	12
331	Cortical superficial siderosis predicts early recurrent lobar hemorrhage. <i>Neurology</i> , 2016, 87, 1863-1870.	1.5	52
332	Basics of neuroanatomy and neurophysiology. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and C W Bruyn, 2016, 138, 53-68.	1.0	10
333	Inclusion of Older People in Trials. <i>Stroke</i> , 2016, 47, 2679-2680.	1.0	0
334	Prediction of 3-year clinical course in CADASIL. <i>Neurology</i> , 2016, 87, 1787-1795.	1.5	24

#	ARTICLE	IF	CITATIONS
335	Cerebral Small Vessel Disease Burden Is Increased in Systemic Lupus Erythematosus. <i>Stroke</i> , 2016, 47, 2722-2728.	1.0	50
336	Association of Key Magnetic Resonance Imaging Markers of Cerebral Small Vessel Disease With Hematoma Volume and Expansion in Patients With Lobar and Deep Intracerebral Hemorrhage. <i>JAMA Neurology</i> , 2016, 73, 1440.	4.5	63
337	High-sensitivity cardiac troponin T levels and risk of cerebral microbleeds in acute ischemic stroke patients with atrial fibrillation and/or rheumatic heart disease. <i>Journal of the Neurological Sciences</i> , 2016, 369, 15-18.	0.3	7
338	Intracranial atherosclerosis and cerebral small vessel disease in intracerebral hemorrhage patients. <i>Journal of the Neurological Sciences</i> , 2016, 369, 324-329.	0.3	24
339	Cathepsin A-related arteriopathy with strokes and leukoencephalopathy (CARASAL). <i>Neurology</i> , 2016, 87, 1777-1786.	1.5	82
340	BIANCA (Brain Intensity AbNormality Classification Algorithm): A new tool for automated segmentation of white matter hyperintensities. <i>NeuroImage</i> , 2016, 141, 191-205.	2.1	308
341	Cerebral blood flow in small vessel disease: A systematic review and meta-analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1653-1667.	2.4	223
342	A Novel Imaging Marker for Small Vessel Disease Based on Skeletonization of White Matter Tracts and Diffusion Histograms. <i>Annals of Neurology</i> , 2016, 80, 581-592.	2.8	250
343	Structural network connectivity and cognition in cerebral small vessel disease. <i>Human Brain Mapping</i> , 2016, 37, 300-310.	1.9	122
344	Do white matter hyperintensities mediate the association between brain iron deposition and cognitive abilities in older people?. <i>European Journal of Neurology</i> , 2016, 23, 1202-1209.	1.7	31
345	The impact of intravenous thrombolysis on outcome of patients with acute ischemic stroke after 90 years old. <i>BMC Geriatrics</i> , 2016, 16, 156.	1.1	26
346	Accelerated development of cerebral small vessel disease in young stroke patients. <i>Neurology</i> , 2016, 87, 1212-1219.	1.5	25
347	Cerebral microbleeds and white matter hyperintensities in cardioembolic stroke patients due to atrial fibrillation: single-centre longitudinal study. <i>Journal of the Neurological Sciences</i> , 2016, 369, 263-267.	0.3	28
348	Carotid atherosclerosis, silent ischemic brain damage and brain atrophy: A systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2016, 223, 681-687.	0.8	58
349	Cerebral microbleeds in patients with mild cognitive impairment and small vessel disease: The Vascular Mild Cognitive Impairment (VMCI)-Tuscany study. <i>Journal of the Neurological Sciences</i> , 2016, 368, 195-202.	0.3	27
350	Apolipoprotein E and Sex Bias in Cerebrovascular Aging of Men and Mice. <i>Trends in Neurosciences</i> , 2016, 39, 625-637.	4.2	23
351	Late-onset depressive symptoms increase the risk of dementia in small vessel disease. <i>Neurology</i> , 2016, 87, 1102-1109.	1.5	13
352	Progression of small vessel disease correlates with cortical thinning in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2016, 31, 34-40.	1.1	18

#	ARTICLE	IF	CITATIONS
353	Cerebral Microbleeds and Cortical Superficial Siderosis in Patients Presenting With Minor Cerebrovascular Events. <i>Stroke</i> , 2016, 47, 2236-2241.	1.0	23
354	Cerebral white matter lesions and post-thrombotic remote parenchymal hemorrhage. <i>Annals of Neurology</i> , 2016, 80, 593-599.	2.8	16
355	Cortical superficial siderosis. <i>Neurology</i> , 2016, 87, 1110-1117.	1.5	37
356	Cerebral Amyloid Angiopathy-Related Microbleeds and Cerebrospinal Fluid Biomarkers in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 905-913.	1.2	39
357	Cognitive Profile and its Association with Neuroimaging Markers of Non-Demented Cerebral Amyloid Angiopathy Patients in a Stroke Unit. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 171-178.	1.2	47
358	Strictly Lobar Cerebral Microbleeds Are Associated With Cognitive Impairment. <i>Stroke</i> , 2016, 47, 2497-2502.	1.0	55
359	Worldwide collaboration in the Microbleeds International Collaborative Network. <i>Lancet Neurology</i> , 2016, 15, 1113-1114.	4.9	17
360	Remote Lower White Matter Integrity Increases the Risk of Long-Term Cognitive Impairment After Ischemic Stroke in Young Adults. <i>Stroke</i> , 2016, 47, 2517-2525.	1.0	35
361	Microbleed and microinfarct detection in amyloid angiopathy: a high-resolution MRI-histopathology study. <i>Brain</i> , 2016, 139, 3151-3162.	3.7	94
362	Cerebrovascular disease. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2016, 138, 239-261.	1.0	42
363	White Matter Hyperintensity-Adjusted Critical Infarct Thresholds to Predict a Favorable 90-Day Outcome. <i>Stroke</i> , 2016, 47, 2526-2533.	1.0	26
364	White Matter Diseases with Radiologic-Pathologic Correlation. <i>Radiographics</i> , 2016, 36, 1426-1447.	1.4	167
365	Structural Covariance Networks and Their Association with Age, Features of Cerebral Small-Vessel Disease, and Cognitive Functioning in Older Persons. <i>Brain Connectivity</i> , 2016, 6, 681-690.	0.8	8
366	On the properties of the intensity-curvature measurement approaches: the signal resilient to interpolation and the resilient curvature. <i>International Journal of Innovative Computing and Applications</i> , 2016, 7, 91.	0.2	2
367	Development of White Matter Hyperintensity Is Preceded by Reduced Cerebrovascular Reactivity. <i>Annals of Neurology</i> , 2016, 80, 277-285.	2.8	87
368	A randomised controlled trial of calcium channel blockade (CCB) with Amlodipine For the treatment of subcortical ischaemic vascular dementia (AFFECT): study protocol. <i>Trials</i> , 2016, 17, 324.	0.7	6
369	A new biomarker classification system for AD, independent of cognition. <i>Neurology</i> , 2016, 87, 456-457.	1.5	1
370	Covert stroke after non-cardiac surgery: a prospective cohort study. <i>British Journal of Anaesthesia</i> , 2016, 117, 191-197.	1.5	57

#	ARTICLE	IF	CITATIONS
371	Impact of leukoaraiosis on parenchymal hemorrhage in elderly patients treated with thrombolysis. <i>Neuroradiology</i> , 2016, 58, 961-967.	1.1	11
372	The diagnosis and clinical management of the neuropsychiatric manifestations of lupus. <i>Journal of Autoimmunity</i> , 2016, 74, 41-72.	3.0	132
373	A call for researchers to join the META-MICROBLEEDS Consortium. <i>Lancet Neurology</i> , The, 2016, 15, 900.	4.9	15
374	Endothelial Function, Inflammation, Thrombosis, and Basal Ganglia Perivascular Spaces in Patients with Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 2925-2931.	0.7	28
375	Population imaging in neuroepidemiology. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2016, 138, 69-90.	1.0	2
376	Lobar cerebral microbleeds signal early cognitive impairment. <i>Nature Reviews Neurology</i> , 2016, 12, 680-682.	4.9	26
377	N-terminal pro-brain natriuretic peptide and subclinical brain small vessel disease. <i>Neurology</i> , 2016, 87, 2533-2539.	1.5	18
378	Neuroimaging in vascular cognitive impairment: a state-of-the-art review. <i>BMC Medicine</i> , 2016, 14, 174.	2.3	59
379	Concordance between interictal MEG and stereo-EEG predicts seizure freedom after epilepsy surgery. <i>Brain</i> , 2016, 139, 2821-2823.	3.7	1
380	Defining retinal vasculopathy with cerebral leukoencephalopathy and systemic manifestations. <i>Brain</i> , 2016, 139, 2819-2821.	3.7	6
381	Primary Open Angle Glaucoma is Associated with MR Biomarkers of Cerebral Small Vessel Disease. <i>Scientific Reports</i> , 2016, 6, 22160.	1.6	6
382	Non-uniform patch sampling with deep convolutional neural networks for white matter hyperintensity segmentation. , 2016, , .		41
383	Recent Advances in Leukoaraiosis: White Matter Structural Integrity and Functional Outcomes after Acute Ischemic Stroke. <i>Current Cardiology Reports</i> , 2016, 18, 123.	1.3	38
384	Penetrating and branch artery disease. , 0, , 287-311.		0
385	Post-mortem assessment in vascular dementia: advances and aspirations. <i>BMC Medicine</i> , 2016, 14, 129.	2.3	99
386	A cohort study of relationship between serum calcium levels and cerebral microbleeds (CMBs) in ischemic stroke patients with AF and/or RHD. <i>Medicine (United States)</i> , 2016, 95, e4033.	0.4	5
387	Supervised novelty detection in brain tissue classification with an application to white matter hyperintensities. , 2016, , .		1
388	Increased Burden of Cerebral Small Vessel Disease in Patients With Type 2 Diabetes and Retinopathy. <i>Diabetes Care</i> , 2016, 39, 1614-1620.	4.3	55

#	ARTICLE	IF	CITATIONS
389	White matter changes and the development of motor phenotypes in de novo Parkinson's Disease. <i>Journal of the Neurological Sciences</i> , 2016, 367, 215-219.	0.3	23
390	Cerebral Microbleeds, Cognition, and Therapeutic Implications. <i>JAMA Neurology</i> , 2016, 73, 908.	4.5	6
391	Cerebral Microbleeds in Multiple Sclerosis Evaluated on Susceptibility-weighted Images and Quantitative Susceptibility Maps: A Case-Control Study. <i>Radiology</i> , 2016, 281, 884-895.	3.6	63
392	A single-layer network unsupervised feature learning method for white matter hyperintensity segmentation. , 2016, , .		1
393	Relative impact of amyloid- $\beta^2$ , lacunes, and downstream imaging markers on cognitive trajectories. <i>Brain</i> , 2016, 139, 2516-2527.	3.7	51
394	Grey-Matter Metabolism in Relation with White-Matter Lesions in Older Hypertensive Patients with Subjective Memory Complaints: A Pilot Voxel-Based Analysis Study. <i>Cerebrovascular Diseases</i> , 2016, 42, 106-109.	0.8	8
395	Hypertensive retinopathy and cerebral small vessel disease in Amerindians living in rural Ecuador: The Atahualpa Project. <i>International Journal of Cardiology</i> , 2016, 218, 65-68.	0.8	15
396	Hughes syndrome and epilepsy: when to test for antiphospholipid antibodies?. <i>Lupus</i> , 2016, 25, 1397-1411.	0.8	20
397	The Relevance of Assessing Cognitive Performances in Patients With Cerebrovascular Diseases. <i>Journal of the American Medical Directors Association</i> , 2016, 17, 458-459.	1.2	1
398	Segmentation of perivascular spaces in 7 T MR image using auto-context model with orientation-normalized features. <i>NeuroImage</i> , 2016, 134, 223-235.	2.1	38
399	Vascular risk factors and progression of white matter hyperintensities in the Lothian Birth Cohort 1936. <i>Neurobiology of Aging</i> , 2016, 42, 116-123.	1.5	72
400	Multiple Silent Lacunes Are Associated with Recurrent Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2016, 42, 73-80.	0.8	14
401	Cerebellar cortical infarct cavities and vertebral artery disease. <i>Neuroradiology</i> , 2016, 58, 853-857.	1.1	13
402	Cerebral Amyloid Angiopathy Is Associated With Executive Dysfunction and Mild Cognitive Impairment. <i>Stroke</i> , 2016, 47, 2010-2016.	1.0	90
403	Assessment of enlarged perivascular spaces and their relation to target organ damage and mild cognitive impairment in patients with hypertension. <i>European Journal of Neurology</i> , 2016, 23, 1044-1050.	1.7	18
404	Calcifications in the carotid siphon correlate with silent cerebral small vessel disease in community-dwelling older adults: A population-based study in rural Ecuador. <i>Geriatrics and Gerontology International</i> , 2016, 16, 1063-1067.	0.7	27
405	Blood and CSF biomarkers in brain subcortical ischemic vascular disease: Involved pathways and clinical applicability. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 55-71.	2.4	43
406	Ischemic brain injury in cerebral amyloid angiopathy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 40-54.	2.4	111



#	ARTICLE	IF	CITATIONS
407	Genetic factors in cerebral small vessel disease and their impact on stroke and dementia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 158-171.	2.4	81
408	Alterations of the cerebral cortex in sporadic small vessel disease: A systematic review of inÂvivo MRI data. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 681-695.	2.4	29
409	Cortical Superficial Siderosis in Memory Clinic Patients: Further Evidence for Underlying Cerebral Amyloid Angiopathy. <i>Cerebrovascular Diseases</i> , 2016, 41, 156-162.	0.8	33
410	Cerebral amyloid angiopathy severity is linked to dilation of juxtacortical perivascular spaces. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 576-580.	2.4	76
411	Non-invasive imaging of oxygen extraction fraction in adults with sickle cell anaemia. <i>Brain</i> , 2016, 139, 738-750.	3.7	89
412	Early- vs late-onset subcortical vascular cognitive impairment. <i>Neurology</i> , 2016, 86, 527-534.	1.5	18
413	Association of arterial stiffness with progression of subclinical brain and cognitive disease. <i>Neurology</i> , 2016, 86, 619-626.	1.5	97
414	Age-associated differences on structural brain MRI in nondemented individuals from 71 to 103 years. <i>Neurobiology of Aging</i> , 2016, 40, 86-97.	1.5	35
415	The concept of sporadic cerebral small vessel disease: A road map on key definitions and current concepts. <i>International Journal of Stroke</i> , 2016, 11, 6-18.	2.9	127
416	The APOE4 allele shows opposite sex bias in microbleeds and Alzheimer's disease of humans and mice. <i>Neurobiology of Aging</i> , 2016, 37, 47-57.	1.5	70
417	Development of epilepsy after ischaemic stroke. <i>Lancet Neurology</i> , The, 2016, 15, 185-197.	4.9	163
418	Vascular cognitive impairment and dementia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 860-868.	1.8	130
419	Association of apolipoprotein E gene polymorphism with small-vessel lesions and stroke type in moyamoya disease: a preliminary study. <i>Journal of Neurosurgery</i> , 2016, 124, 1738-1745.	0.9	2
420	Tracer kinetic modelling for DCE-MRI quantification of subtle bloodâ€“brain barrier permeability. <i>NeuroImage</i> , 2016, 125, 446-455.	2.1	138
421	Cerebral small vessel disease: Capillary pathways to stroke and cognitive decline. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 302-325.	2.4	211
422	Relations between location and type of intracranial atherosclerosis and parenchymal damage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1271-1280.	2.4	11
423	Diagnosis and treatment of vascular damage in dementia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 869-877.	1.8	16
424	Subclinical Vascular Brain Injury. , 2016, , 265-275.		1



#	ARTICLE	IF	CITATIONS
425	Imaging the Perivascular Space as a Potential Biomarker of Neurovascular and Neurodegenerative Diseases. Cellular and Molecular Neurobiology, 2016, 36, 289-299.	1.7	118
426	Diffusion tensor imaging of the hippocampus predicts the risk of dementia; the RUN DMC study. Human Brain Mapping, 2016, 37, 327-337.	1.9	25
427	Presence of Cerebral Microbleeds Is Unrelated to the Body Mass Index in Amerindians. A Population Study in Rural Ecuador (The Atahualpa Project). European Neurology, 2016, 75, 164-168.	0.6	1
428	Molecular Neuroimaging in Vascular Cognitive Impairment. Stroke, 2016, 47, 1146-1152.	1.0	13
429	Structural network efficiency predicts conversion to dementia. Neurology, 2016, 86, 1112-1119.	1.5	103
430	Significance of Cerebral Small-Vessel Disease in Acute Intracerebral Hemorrhage. Stroke, 2016, 47, 701-707.	1.0	59
431	Branch Atheromatous Disease: A Clinically Meaningful, Yet Unproven Concept. Cerebrovascular Diseases, 2016, 41, 87-95.	0.8	107
432	Imaging and Baseline Predictors of Cognitive Performance in Minor Ischemic Stroke and Patients With Transient Ischemic Attack at 90 Days. Stroke, 2016, 47, 726-731.	1.0	30
433	New tissue priors for improved automated classification of subcortical brain structures on MRI. NeuroImage, 2016, 130, 157-166.	2.1	104
434	Development and initial evaluation of a semi-automatic approach to assess perivascular spaces on conventional magnetic resonance images. Journal of Neuroscience Methods, 2016, 257, 34-44.	1.3	43
435	Cerebral Small Vessel Disease and Arterial Stiffness: Tsunami Effect in the Brain. Pulse, 2015, 3, 182-189.	0.9	73
436	Association of <i>MTHFR</i> C677T Genotype With Ischemic Stroke Is Confined to Cerebral Small Vessel Disease Subtype. Stroke, 2016, 47, 646-651.	1.0	50
437	Incident Cerebral Microbleeds in a Cohort of Intracerebral Hemorrhage. Stroke, 2016, 47, 689-694.	1.0	33
438	Progression of White Matter Disease and Cortical Thinning Are Not Related in Older Community-Dwelling Subjects. Stroke, 2016, 47, 410-416.	1.0	35
439	Factors Associated With 8-Year Mortality in Older Patients With Cerebral Small Vessel Disease. JAMA Neurology, 2016, 73, 402.	4.5	43
440	Longitudinal patterns of leukoaraiosis and brain atrophy in symptomatic small vessel disease. Brain, 2016, 139, 1136-1151.	3.7	103
441	Defeating Alzheimer's disease and other dementias: a priority for European science and society. Lancet Neurology, The, 2016, 15, 455-532.	4.9	1,242
442	Magnetic resonance imaging for assessment of cerebrovascular reactivity in cerebral small vessel disease: A systematic review. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 833-841.	2.4	61

#	ARTICLE	IF	CITATIONS
443	Cerebrovascular Disease in Rheumatic Diseases. <i>Stroke</i> , 2016, 47, 943-950.	1.0	117
444	Prefrontal white matter pathology in air pollution exposed Mexico City young urbanites and their potential impact on neurovascular unit dysfunction and the development of Alzheimer's disease. <i>Environmental Research</i> , 2016, 146, 404-417.	3.7	135
445	Silent Brain Infarction and Risk of Future Stroke. <i>Stroke</i> , 2016, 47, 719-725.	1.0	165
446	Coronary Artery Calcification. <i>Journal of the American College of Cardiology</i> , 2016, 67, 1023-1026.	1.2	10
447	Cerebral microbleeds and postthrombolysis intracerebral hemorrhage risk: Updated meta-analysis. <i>Neurology</i> , 2016, 86, 880-881.	1.5	0
448	Predictors of Clinical Worsening in Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. <i>Stroke</i> , 2016, 47, 4-11.	1.0	81
449	White matter hyperintensity patterns in cerebral amyloid angiopathy and hypertensive arteriopathy. <i>Neurology</i> , 2016, 86, 505-511.	1.5	158
450	Association of Aortic Stiffness With Cognition and Brain Aging in Young and Middle-Aged Adults. <i>Hypertension</i> , 2016, 67, 513-519.	1.3	127
451	Brachial-ankle pulse wave velocity is associated with both acute and chronic cerebral small vessel disease. <i>Atherosclerosis</i> , 2016, 245, 54-59.	0.4	23
452	Oily fish consumption is inversely correlated with cerebral microbleeds in community-dwelling older adults: results from the Atahualpa Project. <i>Aging Clinical and Experimental Research</i> , 2016, 28, 737-743.	1.4	12
453	Impact of Leukoaraiosis Burden on Hemispheric Lateralization of the National Institutes of Health Stroke Scale Deficit in Acute Ischemic Stroke. <i>Stroke</i> , 2016, 47, 24-30.	1.0	26
454	Genome-wide meta-analysis of cerebral white matter hyperintensities in patients with stroke. <i>Neurology</i> , 2016, 86, 146-153.	1.5	91
455	Novel imaging techniques in cerebral small vessel diseases and vascular cognitive impairment. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 926-938.	1.8	63
457	Role of Vascular Disease in Alzheimer-Like Progressive Cognitive Impairment. <i>Stroke</i> , 2016, 47, 577-580.	1.0	7
458	Ischemic Stroke Therapeutics. , 2016, , .		1
459	Lacunar Syndromes, Lacunar Infarcts, and Cerebral Small-vessel Disease. , 2016, , 449-465.e4.		0
460	The role of cerebrovascular disease when there is concomitant Alzheimer disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 952-956.	1.8	41
461	Brain hyperintensity location determines outcome in the triad of impaired cognition, physical health and depressive symptoms: A cohort study in late life. <i>Archives of Gerontology and Geriatrics</i> , 2016, 63, 49-54.	1.4	18

#	ARTICLE	IF	CITATIONS
462	Progression of MRI markers in cerebral small vessel disease: Sample size considerations for clinical trials. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 228-240.	2.4	85
463	<i>APOE ε<sub>2</sub></i> is associated with white matter hyperintensity volume in CADASIL. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 199-203.	2.4	28
464	Mechanical thrombectomy for acute ischemic stroke with cerebral microbleeds. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 563-567.	2.0	27
465	Cardiovascular risk factors and small vessel disease of the brain: Blood pressure, white matter lesions, and functional decline in older persons. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 132-142.	2.4	118
466	Consensus statement for diagnosis of subcortical small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 6-25.	2.4	173
467	White matter hyperintensity burden in elderly cohort studies: The Sunnybrook Dementia Study, Alzheimer's Disease Neuroimaging Initiative, and Three-City Study. <i>Alzheimer's and Dementia</i> , 2016, 12, 203-210.	0.4	37
468	Circulating biologic markers of endothelial dysfunction in cerebral small vessel disease: A review. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 72-94.	2.4	197
469	Factores asociados a la demencia mixta en comparación con demencia tipo Alzheimer en adultos mayores mexicanos. <i>Neurología</i> , 2017, 32, 309-315.	0.3	6
470	Integrity of normal-appearing white matter: Influence of age, visible lesion burden and hypertension in patients with small-vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 644-656.	2.4	147
471	The relationship between microvasculature in white matter hyperintensities and cognitive function. <i>Brain Imaging and Behavior</i> , 2017, 11, 503-511.	1.1	13
472	A brain imaging repository of normal structural MRI across the life course: Brain Images of Normal Subjects (BRAINS). <i>NeuroImage</i> , 2017, 144, 299-304.	2.1	46
473	White matter hyperintensity microstructure in amyloid dysmetabolism. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 356-365.	2.4	28
474	Cerebral microbleeds topography and cerebrospinal fluid biomarkers in cognitive impairment. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1006-1013.	2.4	24
475	Comparative study of hemorrhagic and ischemic complications among anticoagulants in patients undergoing cryoballoon ablation for atrial fibrillation. <i>Journal of Cardiology</i> , 2017, 69, 11-15.	0.8	20
476	Common Impact of Chronic Kidney Disease and Brain Microhemorrhages on Cerebral Aβ <sup>2</sup> Pathology in SHRSF. <i>Brain Pathology</i> , 2017, 27, 169-180.	2.1	14
477	Increased arterial pulsatility and progression of single subcortical infarction. <i>European Radiology</i> , 2017, 27, 899-906.	2.3	7
478	Post-stroke dementia – a comprehensive review. <i>BMC Medicine</i> , 2017, 15, 11.	2.3	442
479	What is the relationship between type 2 diabetes mellitus status and the neuroradiological correlates of cerebral small vessel disease in adults? Protocol for a systematic review. <i>Systematic Reviews</i> , 2017, 6, 7.	2.5	9

#	ARTICLE	IF	CITATIONS
480	Automatic contrast enhancement of brain MR images using Average Intensity Replacement based on Adaptive Histogram Equalization (AIR-AHE). <i>Biocybernetics and Biomedical Engineering</i> , 2017, 37, 24-34.	3.3	50
481	Imaging retina to study dementia and stroke. <i>Progress in Retinal and Eye Research</i> , 2017, 57, 89-107.	7.3	195
482	Diagnosing early cognitive decline—When, how and for whom?. <i>Maturitas</i> , 2017, 96, 103-108.	1.0	25
483	Small vessel disease is linked to disrupted structural network covariance in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2017, 13, 749-760.	0.4	30
484	Regional staging of white matter signal abnormalities in aging and Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2017, 14, 156-165.	1.4	33
485	Hippocampal atrophy and memory dysfunction associated with physical inactivity in community-dwelling elderly subjects: The Sefuri study. <i>Brain and Behavior</i> , 2017, 7, e00620.	1.0	36
486	Measuring subtle leakage of the blood-brain barrier in cerebrovascular disease with DCE-MRI: Test-retest reproducibility and its influencing factors. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 159-166.	1.9	34
487	Evolution of cerebral microbleeds after cranial irradiation in medulloblastoma patients. <i>Neurology</i> , 2017, 88, 789-796.	1.5	49
488	Small vessel disease burden in cerebral amyloid angiopathy without symptomatic hemorrhage. <i>Neurology</i> , 2017, 88, 878-884.	1.5	40
489	Serum IL-8 is a marker of white matter hyperintensities in patients with Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 7, 41-47.	1.2	34
490	Improving data availability for brain image biobanking in healthy subjects: Practice-based suggestions from an international multidisciplinary working group. <i>NeuroImage</i> , 2017, 153, 399-409.	2.1	13
491	MRI-visible perivascular spaces in cerebral amyloid angiopathy and hypertensive arteriopathy. <i>Neurology</i> , 2017, 88, 1157-1164.	1.5	215
492	Small vessel disease and clinical outcomes after IV rt-PA treatment. <i>Acta Neurologica Scandinavica</i> , 2017, 136, 72-77.	1.0	61
493	Long-term cerebral white and gray matter changes after preeclampsia. <i>Neurology</i> , 2017, 88, 1256-1264.	1.5	77
494	The Fate of Acute Lacunar Lesions in Terms of Shape and Size. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 1254-1257.	0.7	12
495	Intravoxel Incoherent Motion Imaging in Small Vessel Disease. <i>Stroke</i> , 2017, 48, 658-663.	1.0	25
496	Early-onset and delayed-onset poststroke dementia—revisiting the mechanisms. <i>Nature Reviews Neurology</i> , 2017, 13, 148-159.	4.9	123
497	Endothelial cell-oligodendrocyte interactions in small vessel disease and aging. <i>Clinical Science</i> , 2017, 131, 369-379.	1.8	44

#	ARTICLE	IF	CITATIONS
498	Two distinct classes of degenerative change are independently linked to clinical progression in mild cognitive impairment. <i>Neurobiology of Aging</i> , 2017, 54, 1-9.	1.5	18
499	Deep multi-scale location-aware 3D convolutional neural networks for automated detection of lacunes of presumed vascular origin. <i>NeuroImage: Clinical</i> , 2017, 14, 391-399.	1.4	99
500	Association between large artery atherosclerosis and cerebral microbleeds: a systematic review and meta-analysis. <i>Stroke and Vascular Neurology</i> , 2017, 2, 7-14.	1.5	13
501	Extracellular matrix inflammation in vascular cognitive impairment and dementia. <i>Clinical Science</i> , 2017, 131, 425-437.	1.8	134
502	Sugary beverage intake and preclinical Alzheimer's disease in the community. <i>Alzheimer's and Dementia</i> , 2017, 13, 955-964.	0.4	37
503	Identification of neurovascular changes associated with cerebral amyloid angiopathy from subject-specific hemodynamic response functions. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3433-3445.	2.4	14
504	Structured Learning for 3-D Perivascular Space Segmentation Using Vascular Features. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 2803-2812.	2.5	35
505	Stroke Lesions in a Large Upper Limb Rehabilitation Trial Cohort Rarely Match Lesions in Common Preclinical Models. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 509-520.	1.4	21
506	Differential Regional Distribution of Juxtacortical White Matter Signal Abnormalities in Aging and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 293-303.	1.2	23
507	Interhemispheric characterization of small vessel disease imaging markers after subcortical infarct. <i>Brain and Behavior</i> , 2017, 7, e00595.	1.0	8
508	Functional deficits induced by cortical microinfarcts. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3599-3614.	2.4	84
509	Vascular Cognitive Impairment. <i>Circulation Research</i> , 2017, 120, 573-591.	2.0	385
510	Association Between Subclinical Cardiac Biomarkers and Clinically Manifest Cardiac Diseases With Cortical Cerebral Microinfarcts. <i>JAMA Neurology</i> , 2017, 74, 403.	4.5	57
511	White matter hyperintensity lesion burden is associated with the infarct volume and 90-day outcome in small subcortical infarcts. <i>Acta Neurologica Scandinavica</i> , 2017, 135, 585-592.	1.0	25
512	Simultaneous investigation of microvasculature and parenchyma in cerebral small vessel disease using intravoxel incoherent motion imaging. <i>NeuroImage: Clinical</i> , 2017, 14, 216-221.	1.4	32
513	Visuospatial Functioning in Cerebral Amyloid Angiopathy: A Pilot Study. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 1223-1227.	1.2	12
514	Early life risk factors for cerebrovascular disease. <i>Neurology</i> , 2017, 88, 976-984.	1.5	61
515	Circulating autoantibodies against the NR2 peptide of the NMDA receptor are associated with subclinical brain damage in hypertensive patients with other pre-existing conditions for vascular risk. <i>Journal of the Neurological Sciences</i> , 2017, 375, 324-330.	0.3	12

#	ARTICLE	IF	CITATIONS
516	Advanced MRI techniques: biomarkers in neuropsychiatric lupus. <i>Lupus</i> , 2017, 26, 510-516.	0.8	33
517	Magnetic resonance imaging in neuropsychiatric systemic lupus erythematosus: current state of the art and novel approaches. <i>Lupus</i> , 2017, 26, 517-521.	0.8	46
518	Vascular Contributions to Cognitive Impairment in Late Life. <i>Neurologic Clinics</i> , 2017, 35, 295-323.	0.8	16
519	The relationship between depression and executive function and the impact of vascular disease burden in younger and older adults. <i>Age and Ageing</i> , 2017, 46, 697-701.	0.7	11
520	Cerebrovascular Dissemination in Time and Space as a Predictor of Cardioembolism. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 1407-1413.	0.7	0
521	Vergessen im klinisch-neurowissenschaftlichen Bereich. , 2017, , 53-97.		0
522	Brain-predicted age in Down syndrome is associated with beta amyloid deposition and cognitive decline. <i>Neurobiology of Aging</i> , 2017, 56, 41-49.	1.5	109
523	<sup>18</sup> F-AV-1451 PET Imaging in Three Patients with Probable Cerebral Amyloid Angiopathy. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 711-716.	1.2	18
524	Diffusion magnetic resonance imaging in cerebral small vessel disease. <i>Revue Neurologique</i> , 2017, 173, 201-210.	0.6	15
525	Reliability of an automatic classifier for brain enlarged perivascular spaces burden and comparison with human performance. <i>Clinical Science</i> , 2017, 131, 1465-1481.	1.8	28
526	Therapeutic Strategies and Drug Development for Vascular Cognitive Impairment. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	39
527	Clinical Correlates, Ethnic Differences, and Prognostic Implications of Perivascular Spaces in Transient Ischemic Attack and Ischemic Stroke. <i>Stroke</i> , 2017, 48, 1470-1477.	1.0	54
528	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. <i>Heart Rhythm</i> , 2017, 14, e275-e444.	0.3	1,671
529	Analysis of risk factors in patients with leukoaraiosis. <i>Medicine (United States)</i> , 2017, 96, e6153.	0.4	18
530	Relationship between intracranial internal carotid artery calcification and enlarged cerebral perivascular space. <i>Neuroradiology</i> , 2017, 59, 577-586.	1.1	10
531	Higher ambulatory systolic blood pressure independently associated with enlarged perivascular spaces in basal ganglia. <i>Neurological Research</i> , 2017, 39, 787-794.	0.6	18
532	Using DTI to assess white matter microstructure in cerebral small vessel disease (SVD) in multicentre studies. <i>Clinical Science</i> , 2017, 131, 1361-1373.	1.8	76
533	Distribution of lacunes in cerebral amyloid angiopathy and hypertensive small vessel disease. <i>Neurology</i> , 2017, 88, 2162-2168.	1.5	112

#	ARTICLE	IF	CITATIONS
534	Impact of multiple pathologies on the threshold for clinically overt dementia. <i>Acta Neuropathologica</i> , 2017, 134, 171-186.	3.9	429
535	Only White Matter Hyperintensities Predicts Post-Stroke Cognitive Performances Among Cerebral Small Vessel Disease Markers: Results from the TABASCO Study. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 1293-1299.	1.2	46
536	Relationship between white matter connectivity loss and cortical thinning in cerebral amyloid angiopathy. <i>Human Brain Mapping</i> , 2017, 38, 3723-3731.	1.9	18
537	Lateral thinking – Interocular symmetry and asymmetry in neurovascular patterning, in health and disease. <i>Progress in Retinal and Eye Research</i> , 2017, 59, 131-157.	7.3	44
538	Risk and protective factors for structural brain ageing in the eighth decade of life. <i>Brain Structure and Function</i> , 2017, 222, 3477-3490.	1.2	40
539	MRI progression of cerebral small vessel disease and cognitive decline in patients with hypertension. <i>Journal of Hypertension</i> , 2017, 35, 1263-1270.	0.3	34
540	Î <sup>2</sup> -Amyloid in CSF. <i>Neurology</i> , 2017, 88, 169-176.	1.5	58
541	Advanced Neuroimaging of Cerebral Small Vessel Disease. Current Treatment Options in Cardiovascular Medicine, 2017, 19, 56.	0.4	55
542	Cerebral blood flow regulation and neurovascular dysfunction in Alzheimer disease. <i>Nature Reviews Neuroscience</i> , 2017, 18, 419-434.	4.9	842
543	Total small vessel disease score and risk of recurrent stroke. <i>Neurology</i> , 2017, 88, 2260-2267.	1.5	162
544	Clinical presentations and epidemiology of vascular dementia. <i>Clinical Science</i> , 2017, 131, 1059-1068.	1.8	193
545	Reduced Cardiovascular Functions in Patients with Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 919-925.	1.2	17
546	Regional Gray Matter Volumes as Related to Psychomotor Slowing in Adults with Type 1 Diabetes. <i>Psychosomatic Medicine</i> , 2017, 79, 533-540.	1.3	13
547	Structural network connectivity impairment and depressive symptoms in cerebral small vessel disease. <i>Journal of Affective Disorders</i> , 2017, 220, 8-14.	2.0	29
548	Magnetic Resonance Imaging of Cardiovascular Function and the Brain. <i>Circulation</i> , 2017, 135, 2178-2195.	1.6	90
549	Putative Cerebral Microbleeds in Dogs Undergoing Magnetic Resonance Imaging of the Head: A Retrospective Study of Demographics, Clinical Associations, and Relationship to Case Outcome. <i>Journal of Veterinary Internal Medicine</i> , 2017, 31, 1140-1148.	0.6	9
550	Amyloid positron emission tomography in sporadic cerebral amyloid angiopathy: A systematic critical update. <i>NeuroImage: Clinical</i> , 2017, 15, 247-263.	1.4	60
551	Atrial fibrillation, cognition and dementia: A review. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 958-965.	0.8	56



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553	Disease progression and regression in sporadic small vessel disease—insights from neuroimaging. <i>Clinical Science</i> , 2017, 131, 1191-1206.	1.8	40
554	Prevalence, risk factors and consequences of cerebral small vessel diseases: data from three Asian countries. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 669-674.	0.9	151
555	Linear sign in cystic brain lesions $\geq 5$ mm: A suggestive feature of perivascular space. <i>European Radiology</i> , 2017, 27, 4747-4755.	2.3	6
556	Effect of Long-Term Vascular Care on Progression of Cerebrovascular Lesions. <i>Stroke</i> , 2017, 48, 1842-1848.	1.0	32
557	Vascular basement membrane alterations and $\beta$ -amyloid accumulations in an animal model of cerebral small vessel disease. <i>Clinical Science</i> , 2017, 131, 1001-1013.	1.8	38
558	Incidental findings on brain MRI of cognitively normal first-degree descendants of patients with Alzheimer's disease: a cross-sectional analysis from the ALFA (Alzheimer and Families) project. <i>BMJ Open</i> , 2017, 7, e013215.	0.8	28
559	Emerging concepts in sporadic cerebral amyloid angiopathy. <i>Brain</i> , 2017, 140, 1829-1850.	3.7	333
560	Improved Automatic Segmentation of White Matter Hyperintensities in MRI Based on Multilevel Lesion Features. <i>Neuroinformatics</i> , 2017, 15, 231-245.	1.5	13
561	Associations between amyloid $\beta$ and white matter hyperintensities: A systematic review. <i>Alzheimer's and Dementia</i> , 2017, 13, 1154-1167.	0.4	89
562	CADASIL as a Useful Medical Model and Genetic Form of Vascular Depression. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 719-727.	0.6	11
563	MRI-visible perivascular space location is associated with Alzheimer's disease independently of amyloid burden. <i>Brain</i> , 2017, 140, 1107-1116.	3.7	171
564	Lesion location and cognitive impact of cerebral small vessel disease. <i>Clinical Science</i> , 2017, 131, 715-728.	1.8	127
565	Interaction of APOE e4 and poor glycemic control predicts white matter hyperintensity growth from 73 to 76. <i>Neurobiology of Aging</i> , 2017, 54, 54-58.	1.5	20
566	Pathogenesis of white matter changes in cerebral small vessel diseases: beyond vessel-intrinsic mechanisms. <i>Clinical Science</i> , 2017, 131, 635-651.	1.8	94
567	Cortical superficial siderosis and first-ever cerebral hemorrhage in cerebral amyloid angiopathy. <i>Neurology</i> , 2017, 88, 1607-1614.	1.5	62
568	Cortical Superficial Siderosis in Different Types of Cerebral Small Vessel Disease. <i>Stroke</i> , 2017, 48, 1404-1407.	1.0	40
569	New insights into mechanisms of small vessel disease stroke from genetics. <i>Clinical Science</i> , 2017, 131, 515-531.	1.8	50
570	Cerebral White Matter Hypoperfusion Increases with Small-Vessel Disease Burden. Data From the Third International Stroke Trial. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 1506-1513.	0.7	61



#	ARTICLE	IF	CITATIONS
571	Frequency and Predictors of Dysphagia in Patients With Recent Small Subcortical Infarcts. <i>Stroke</i> , 2017, 48, 213-215.	1.0	20
572	Deep microbleeds and periventricular white matter disintegrity are independent predictors of attention/executive dysfunction in non-dementia patients with small vessel disease. <i>International Psychogeriatrics</i> , 2017, 29, 793-803.	0.6	11
573	Lacunar Infarcts and Intracerebral Hemorrhage Differences. <i>Stroke</i> , 2017, 48, 486-489.	1.0	22
574	Blood-brain barrier leakage is more widespread in patients with cerebral small vessel disease. <i>Neurology</i> , 2017, 88, 426-432.	1.5	161
575	Predictors and Clinical Impact of Incident Lacunes in Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. <i>Stroke</i> , 2017, 48, 283-289.	1.0	25
576	The risk factors and pattern of cerebral microbleeds in Parkinson's disease. <i>International Journal of Neuroscience</i> , 2017, 127, 909-914.	0.8	4
577	Genetic variation at 16q24.2 is associated with small vessel stroke. <i>Annals of Neurology</i> , 2017, 81, 383-394.	2.8	73
578	Disruption of rich club organisation in cerebral small vessel disease. <i>Human Brain Mapping</i> , 2017, 38, 1751-1766.	1.9	64
579	Prevention of Stroke in Patients With Silent Cerebrovascular Disease: A Scientific Statement for Healthcare Professionals From the American Heart Association/American Stroke Association. <i>Stroke</i> , 2017, 48, e44-e71.	1.0	284
580	Cortical superficial siderosis multifocality in cerebral amyloid angiopathy. <i>Neurology</i> , 2017, 89, 2128-2135.	1.5	94
581	Blood-brain barrier leakage increases with small vessel disease in acute ischemic stroke. <i>Neurology</i> , 2017, 89, 2143-2150.	1.5	68
582	Ischemic lesions and superficial siderosis in CAA. <i>Neurology</i> , 2017, 89, 2124-2125.	1.5	0
583	Do Lacunar Infarcts Have Different Aetiologies? Risk Factor Profiles of Lacunar Infarcts in Deep White Matter and Basal Ganglia: The Second Manifestations of ARterial Disease-Magnetic Resonance Study. <i>Cerebrovascular Diseases</i> , 2017, 43, 161-168.	0.8	15
584	Targeting Cerebral Small Vessel Disease With MRI. <i>Stroke</i> , 2017, 48, 3175-3182.	1.0	52
585	Enlarged perivascular spaces in the basal ganglia are independently associated with intracranial atherosclerosis in the elderly. <i>Atherosclerosis</i> , 2017, 267, 34-38.	0.4	28
587	Change in multimodal MRI markers predicts dementia risk in cerebral small vessel disease. <i>Neurology</i> , 2017, 89, 1869-1876.	1.5	76
588	The structure of the perivascular compartment in the old canine brain: a case study. <i>Clinical Science</i> , 2017, 131, 2737-2744.	1.8	9
589	The vascular facet of late-onset Alzheimer's disease: an essential factor in a complex multifactorial disorder. <i>Current Opinion in Neurology</i> , 2017, 30, 623-629.	1.8	14

#	ARTICLE	IF	CITATIONS
590	Neuroimaging Correlates of Cerebral Microbleeds. <i>Stroke</i> , 2017, 48, 2964-2972.	1.0	63
591	Topography and Determinants of Magnetic Resonance Imaging (MRI)-Visible Perivascular Spaces in a Large Memory Clinic Cohort. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	43
592	Location of Cerebral Microbleeds And Their Association with Carotid Intima-media Thickness: A Community-based Study. <i>Scientific Reports</i> , 2017, 7, 12058.	1.6	12
593	Influence of preeclampsia and late-life hypertension on MRI measures of cortical atrophy. <i>Journal of Hypertension</i> , 2017, 35, 2479-2485.	0.3	19
594	<i>COL4A2</i> is associated with lacunar ischemic stroke and deep ICH. <i>Neurology</i> , 2017, 89, 1829-1839.	1.5	58
595	Plasma Amyloid- $\beta^2$ Levels, Cerebral Small Vessel Disease, and Cognition: The Rotterdam Study. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 977-987.	1.2	43
596	Antihypertensive Treatment is associated with MRI-Derived Markers of Neurodegeneration and Impaired Cognition: A Propensity-Weighted Cohort Study. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 1113-1122.	1.2	21
597	Remote Ischemic Conditioning May Improve Outcomes of Patients With Cerebral Small-Vessel Disease. <i>Stroke</i> , 2017, 48, 3064-3072.	1.0	91
598	Serum neurofilament light is sensitive to active cerebral small vessel disease. <i>Neurology</i> , 2017, 89, 2108-2114.	1.5	139
599	Cortical Cerebral Microinfarcts on 3 Tesla MRI in Patients with Vascular Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 1443-1450.	1.2	22
600	Arterial branching and basal ganglia lacunes: A study in pure small vessel disease. <i>European Stroke Journal</i> , 2017, 2, 264-271.	2.7	2
601	Enlarged perivascular spaces are associated with health-related quality of life in patients with acute ischemic stroke. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 973-979.	1.9	11
602	Alzheimer's disease: A matter of blood-brain barrier dysfunction?. <i>Journal of Experimental Medicine</i> , 2017, 214, 3151-3169.	4.2	467
603	Cerebral Small Vessel Disease Is Associated with Dysregulation in the Ubiquitin Proteasome System and Other Major Cellular Pathways in Specific Brain Regions. <i>Neurodegenerative Diseases</i> , 2017, 17, 261-275.	0.8	7
604	Clinical relevance of abnormal neuroimaging findings and long-term risk of stroke recurrence. <i>European Journal of Neurology</i> , 2017, 24, 1348-1354.	1.7	20
605	Metric to quantify white matter damage on brain magnetic resonance images. <i>Neuroradiology</i> , 2017, 59, 951-962.	1.1	19
606	Association between Fibrinogen and Leukoaraiosis in Patients with Ischemic Stroke and Atrial Fibrillation. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 2630-2637.	0.7	13
607	Leukoaraiosis as an outcome predictor in the acute and subacute phases of stroke. <i>Expert Review of Neurotherapeutics</i> , 2017, 17, 963-975.	1.4	21

#	ARTICLE	IF	CITATIONS
608	The relationship between ambulatory blood pressure variability and enlarged perivascular spaces: a cross-sectional study. <i>BMJ Open</i> , 2017, 7, e015719.	0.8	31
609	Cerebral Microbleeds and the Risk of Incident Ischemic Stroke in CADASIL (Cerebral Autosomal) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2699-2703.	1.0	29
610	Basilar Artery Dolichoectasia: Prevalence and Correlates With Markers of Cerebral Small Vessel Disease in Community-Dwelling Older Adults. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 2909-2914.	0.7	15
611	Vascular cognitive impairment: Advances and trends. <i>Revue Neurologique</i> , 2017, 173, 473-480.	0.6	30
612	Design and rationale for examining neuroimaging genetics in ischemic stroke. <i>Neurology: Genetics</i> , 2017, 3, e180.	0.9	35
613	Cerebral white matter hyperintensity is associated with intracranial atherosclerosis in a healthy population. <i>Atherosclerosis</i> , 2017, 265, 179-183.	0.4	47
614	Brain lesion segmentation through image synthesis and outlier detection. <i>NeuroImage: Clinical</i> , 2017, 16, 643-658.	1.4	38
615	Diabetes, Prediabetes, and Brain Volumes and Subclinical Cerebrovascular Disease on MRI: The Atherosclerosis Risk in Communities Neurocognitive Study (ARIC-NCS). <i>Diabetes Care</i> , 2017, 40, 1514-1521.	4.3	81
616	Reaction Time Is Negatively Associated with Corpus Callosum Area in the Early Stages of CADASIL. <i>American Journal of Neuroradiology</i> , 2017, 38, 2094-2099.	1.2	9
617	Relation between characteristics of carotid atherosclerotic plaques and brain white matter hyperintensities in asymptomatic patients. <i>Scientific Reports</i> , 2017, 7, 10559.	1.6	21
618	Defining Optimal Brain Health in Adults: A Presidential Advisory From the American Heart Association/American Stroke Association. <i>Stroke</i> , 2017, 48, e284-e303.	1.0	279
619	Nonlinear temporal dynamics of cerebral small vessel disease. <i>Neurology</i> , 2017, 89, 1569-1577.	1.5	89
620	Total small vessel disease burden and brain network efficiency in cerebral amyloid angiopathy. <i>Journal of the Neurological Sciences</i> , 2017, 382, 10-12.	0.3	16
621	Left Ventricular Mass, Brain Magnetic Resonance Imaging, and Cognitive Performance. <i>Hypertension</i> , 2017, 70, 964-971.	1.3	18
622	Cerebrovascular Disease: Consequences of Obesity-Induced Endothelial Dysfunction. <i>Advances in Neurobiology</i> , 2017, 19, 163-189.	1.3	16
623	Interrelations of Orthostatic Blood Pressure Change, Aortic Stiffness, and Brain Structure and Function in Young Adults. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	18
624	Processing speed and the relationship between Trail Making Test-B performance, cortical thinning and white matter microstructure in older adults. <i>Cortex</i> , 2017, 95, 92-103.	1.1	87
625	Florbetapir imaging in cerebral amyloid angiopathy-related hemorrhages. <i>Neurology</i> , 2017, 89, 697-704.	1.5	27

#	ARTICLE	IF	CITATIONS
626	Detection, risk factors, and functional consequences of cerebral microinfarcts. <i>Lancet Neurology</i> , 2017, 16, 730-740.	4.9	225
627	Ankle brachial index, MRI markers and cognition: The Epidemiology of Dementia in Singapore study. <i>Atherosclerosis</i> , 2017, 263, 272-277.	0.4	9
629	Large Perivascular Spaces Visible on Magnetic Resonance Imaging, Cerebral Small Vessel Disease Progression, and Risk of Dementia. <i>JAMA Neurology</i> , 2017, 74, 1105.	4.5	136
630	Hemorrhage recurrence risk factors in cerebral amyloid angiopathy: Comparative analysis of the overall small vessel disease severity score versus individual neuroimaging markers. <i>Journal of the Neurological Sciences</i> , 2017, 380, 64-67.	0.3	40
631	Factors associated with mixed dementia vs Alzheimer disease in elderly Mexican adults. <i>Neurología (English Edition)</i> , 2017, 32, 309-315.	0.2	3
632	High neutrophil to lymphocyte ratio is associated with white matter hyperintensity in a healthy population. <i>Journal of the Neurological Sciences</i> , 2017, 380, 128-131.	0.3	35
633	Brain hemorrhage recurrence, small vessel disease type, and cerebral microbleeds. <i>Neurology</i> , 2017, 89, 820-829.	1.5	180
634	Prevention of Cerebral Small Vessel Disease. <i>Seminars in Neurology</i> , 2017, 37, 316-325.	0.5	1
635	Congress report of the 9th Pan-Asian Committee for Treatment and Research in Multiple Sclerosis. <i>Clinical and Experimental Neuroimmunology</i> , 2017, 8, 87-90.	0.5	0
636	Incidence of Brain Infarcts, Cognitive Change, and Risk of Dementia in the General Population. <i>Stroke</i> , 2017, 48, 2353-2360.	1.0	54
637	Vascular Risk Factor Profiles Differ Between Magnetic Resonance Imaging-Defined Subtypes of Younger-Onset Lacunar Stroke. <i>Stroke</i> , 2017, 48, 2405-2411.	1.0	29
638	Sex-dependent effects of uric acid on cerebral microbleed: a cross-sectional study in the general population. <i>European Journal of Neurology</i> , 2017, 24, 1300-1306.	1.7	8
639	Diffusion tensor image segmentation of the cerebrum provides a single measure of cerebral small vessel disease severity related to cognitive change. <i>NeuroImage: Clinical</i> , 2017, 16, 330-342.	1.4	27
640	Waxing and waning of white matter hyperintensities. <i>Neurology</i> , 2017, 89, 984-985.	1.5	1
641	Perivascular spaces, glymphatic dysfunction, and small vessel disease. <i>Clinical Science</i> , 2017, 131, 2257-2274.	1.8	226
642	Type 2 Diabetes Mellitus and Impaired Renal Function Are Associated With Brain Alterations and Poststroke Cognitive Decline. <i>Stroke</i> , 2017, 48, 2368-2374.	1.0	43
643	White matter hyperintensity reduction and outcomes after minor stroke. <i>Neurology</i> , 2017, 89, 1003-1010.	1.5	120
644	Long-Term Prognostic Implications of Cerebral Microbleeds in Chinese Patients With Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	18

#	ARTICLE	IF	CITATIONS
645	Risk of vascular events in different manifestations of cerebral small vessel disease: A 2-year follow-up study with a control group. <i>Heliyon</i> , 2017, 3, e00455.	1.4	13
646	Background and distribution of lobar microbleeds in cognitive dysfunction. <i>Brain and Behavior</i> , 2017, 7, e00856.	1.0	12
647	Serum Uric Acid is Independently Associated with Enlarged Perivascular Spaces. <i>Scientific Reports</i> , 2017, 7, 16435.	1.6	8
648	Executive Function Declines in the First 6 Months After a Transient Ischemic Attack or Transient Neurological Attack. <i>Stroke</i> , 2017, 48, 3323-3328.	1.0	13
649	Using Retinal Imaging to Study Dementia. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	12
650	An atypical subacute presentation of posterior reversible encephalopathy syndrome. <i>Journal of Community Hospital Internal Medicine Perspectives</i> , 2017, 7, 269-274.	0.4	6
651	Brain microbleeds, anticoagulation, and hemorrhage risk. <i>Neurology</i> , 2017, 89, 2317-2326.	1.5	90
652	Brain Calcifications in Adult-Onset Genetic Leukoencephalopathies. <i>JAMA Neurology</i> , 2017, 74, 1000.	4.5	20
653	Kidney dysfunction and silent brain infarction in generally healthy adults. <i>Journal of the Neurological Sciences</i> , 2017, 379, 89-93.	0.3	6
655	Age and the fuzzy edges of embolic stroke of undetermined source. <i>Neurology</i> , 2017, 89, 526-527.	1.5	2
656	Peripheral lipid oxidative stress markers are related to vascular risk factors and subcortical small vessel disease. <i>Neurobiology of Aging</i> , 2017, 59, 91-97.	1.5	28
657	Location Sensitive Deep Convolutional Neural Networks for Segmentation of White Matter Hyperintensities. <i>Scientific Reports</i> , 2017, 7, 5110.	1.6	171
658	A clinicopathological approach to the diagnosis of dementia. <i>Nature Reviews Neurology</i> , 2017, 13, 457-476.	4.9	233
659	MRI Markers of Neurodegenerative and Neurovascular Changes in Relation to Postoperative Delirium and Postoperative Cognitive Decline. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 1048-1061.	0.6	38
660	Evaluation of white matter hypodensities on computed tomography in stroke patients using the Fazekas score. <i>Clinical Imaging</i> , 2017, 46, 24-27.	0.8	25
661	Pericortical Enhancement on Delayed Postgadolinium Fluid-Attenuated Inversion Recovery Images in Normal Aging, Mild Cognitive Impairment, and Alzheimer Disease. <i>American Journal of Neuroradiology</i> , 2017, 38, 1742-1747.	1.2	27
662	The effects of striatal silent lacunar infarction on the substantia nigra and movement disorders in Parkinson's disease: A follow-up study. <i>Parkinsonism and Related Disorders</i> , 2017, 43, 33-37.	1.1	8
663	Relationship between obstructive sleep apnea and neuroimaging signatures of cerebral small vessel disease in community-dwelling older adults. <i>The Atahualpa Project. Sleep Medicine</i> , 2017, 37, 10-12.	0.8	42

#	ARTICLE	IF	CITATIONS
664	White matter lesions characterise brain involvement in moderate to severe chronic obstructive pulmonary disease, but cerebral atrophy does not. <i>BMC Pulmonary Medicine</i> , 2017, 17, 92.	0.8	21
665	Sample size considerations for trials using cerebral white matter hyperintensity progression as an intermediate outcome at 1Åyear after mild stroke: results of a prospective cohort study. <i>Trials</i> , 2017, 18, 78.	0.7	16
666	Transcatheter aortic valve replacement: perioperative stroke and beyond. <i>Expert Review of Neurotherapeutics</i> , 2017, 17, 327-334.	1.4	9
667	Incidence of silent cerebral infarctions after catheter ablation of atrial fibrillation utilizing the second-generation cryoballoon. <i>Europace</i> , 2017, 19, 1681-1688.	0.7	31
668	White matter hyperintensity volume predicts persistent cognitive impairment in transient ischemic attack and minor stroke. <i>International Journal of Stroke</i> , 2017, 12, 264-272.	2.9	34
669	Baseline Cerebral Small Vessel Disease Is Not Associated with Gait Decline After Five Years. <i>Movement Disorders Clinical Practice</i> , 2017, 4, 374-382.	0.8	8
670	Cerebral small vessel disease and post-stroke cognitive impairment. <i>International Journal of Neuroscience</i> , 2017, 127, 824-830.	0.8	44
671	The Cerebral Haemorrhage Anatomical RaTing inStrument (CHARTS): Development and assessment of reliability. <i>Journal of the Neurological Sciences</i> , 2017, 372, 178-183.	0.3	92
672	Mechanisms of post-radiation injury: cerebral microinfarction not a significant factor. <i>Journal of Neuro-Oncology</i> , 2017, 131, 277-281.	1.4	4
673	Reduced vascular amyloid burden at microhemorrhage sites in cerebral amyloid angiopathy. <i>Acta Neuropathologica</i> , 2017, 133, 409-415.	3.9	34
674	Prognostic Relationships between Microbleed, Lacunar Infarction, White Matter Lesion, and Renal Dysfunction in Acute Ischemic Stroke Survivors. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 385-392.	0.7	7
675	Bloodâ€brain barrier failure as a core mechanism in cerebral small vessel disease and dementia: evidence from a cohort study. <i>Alzheimer's and Dementia</i> , 2017, 13, 634-643.	0.4	190
676	Chronic Kidney Disease and Subclinical Brain Infarction Increase the Risk of Vascular Cognitive Impairment: The Sefuri Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 420-424.	0.7	17
677	Mixed brain lesions mediate the association between cardiovascular risk burden and cognitive decline in old age: A populationâ€based study. <i>Alzheimer's and Dementia</i> , 2017, 13, 247-256.	0.4	42
678	Intracranial stenosis in cognitive impairment and dementia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2262-2269.	2.4	28
679	Influence of Small Vessel Disease and Microstructural Integrity on Neurocognitive Functioning in Older Individuals: The DANTE Study Leiden. <i>American Journal of Neuroradiology</i> , 2017, 38, 25-30.	1.2	17
680	Association Between Serum Cystatin C Level and Total Magnetic Resonance Imaging Burden of Cerebral Small Vessel Disease in Patients With Acute Lacunar Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 186-191.	0.7	34
681	Multiple comorbid neuropathologies in the setting of Alzheimer's disease neuropathology and implications for drug development. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 83-91.	1.8	94

#	ARTICLE	IF	CITATIONS
682	Tract-specific white matter hyperintensities disrupt neural network function in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2017, 13, 225-235.	0.4	49
683	A novel <i>CCM2</i> variant in a family with non-progressive cognitive complaints and cerebral microbleeds. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017, 174, 220-226.	1.1	6
684	Correlation study between small vessel disease and early neurological deterioration in patients with mild/moderate acute ischemic stroke. <i>International Journal of Neuroscience</i> , 2017, 127, 579-585.	0.8	12
685	White Matter Hyperintensities Improve Ischemic Stroke Recurrence Prediction. <i>Cerebrovascular Diseases</i> , 2017, 43, 17-24.	0.8	16
686	Cerebral small vessel disease, medial temporal lobe atrophy and cognitive status in patients with ischaemic stroke and transient ischaemic attack. <i>European Journal of Neurology</i> , 2017, 24, 276-282.	1.7	60
687	The Cerebrovascular-Chronic Kidney Disease Connection: Perspectives and Mechanisms. <i>Translational Stroke Research</i> , 2017, 8, 67-76.	2.3	84
688	Microstructure of Strategic White Matter Tracts and Cognition in Memory Clinic Patients with Vascular Brain Injury. <i>Dementia and Geriatric Cognitive Disorders</i> , 2017, 44, 268-282.	0.7	17
689	Cardiorespiratory Fitness and White Matter Neuronal Fiber Integrity in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2017, 61, 729-739.	1.2	27
690	Relationship between the neutrophil-to-lymphocyte ratio and silent cerebral small vessel disease in community-dwelling older adults. <i>The Atahualpa Project. Geriatrics and Gerontology International</i> , 2017, 17, 2637-2639.	0.7	8
691	Diabetic Microvascular Disease: An Endocrine Society Scientific Statement. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4343-4410.	1.8	323
692	Gd-based Contrast Enhancement of the Perivascular Spaces in the Basal Ganglia. <i>Magnetic Resonance in Medical Sciences</i> , 2017, 16, 61-65.	1.1	99
693	Cerebral Microbleeds on MRI in Patients with Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , 2017, 13, 65-72.	1.4	21
694	A panel of clinical and neuropathological features of cerebrovascular disease through the novel neuroimaging methods. <i>Dementia E Neuropsychologia</i> , 2017, 11, 343-355.	0.3	4
695	Neuroimaging in cerebral small vessel disease: Update and new concepts. <i>Dementia E Neuropsychologia</i> , 2017, 11, 336-342.	0.3	9
696	Deep Learning vs. Conventional Machine Learning: Pilot Study of WMH Segmentation in Brain MRI with Absence or Mild Vascular Pathology. <i>Journal of Imaging</i> , 2017, 3, 66.	1.7	19
697	High frequency of silent brain infarcts associated with cognitive deficits in an economically disadvantaged population. <i>Clinics</i> , 2017, 72, 474-480.	0.6	16
698	Total Cerebral Small-Vessel Disease Score is Associated with Mortality during Follow-Up after Acute		



#	ARTICLE	IF	CITATIONS
700	The Presence of Previous Cerebral Microbleeds Has a Negative Effect on Hypertensive Intracerebral Hemorrhage Recovery. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 49.	1.7	9
701	The Relationship between Cerebral Small Vessel Disease, Hippocampal Volume and Cognitive Functioning in Patients with COPD: An MRI Study. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 88.	1.7	21
702	Better Correlation of Cognitive Function to White Matter Integrity than to Blood Supply in Subjects with Leukoaraiosis. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 185.	1.7	27
703	A Brain Region-Based Deep Medullary Veins Visual Score on Susceptibility Weighted Imaging. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 269.	1.7	30
704	Cerebral Small Vessel Disease Burden Is Associated with Motor Performance of Lower and Upper Extremities in Community-Dwelling Populations. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 313.	1.7	40
705	Association of Cerebral Small Vessel Disease Burden and Health-Related Quality of Life after Acute Ischemic Stroke. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 372.	1.7	20
706	Are Movement Artifacts in Magnetic Resonance Imaging a Real Problem?â€”A Narrative Review. <i>Frontiers in Neurology</i> , 2017, 8, 232.	1.1	129
707	Computed Tomography Perfusion Alberta Stroke Program Early Computed Tomography Score Is Associated with Hemorrhagic Transformation after Acute Cardioembolic Stroke. <i>Frontiers in Neurology</i> , 2017, 8, 591.	1.1	8
708	Remote Diffusion-Weighted Imaging Lesions in Intracerebral Hemorrhage: Characteristics, Mechanisms, Outcomes, and Therapeutic Implications. <i>Frontiers in Neurology</i> , 2017, 8, 678.	1.1	17
709	Cerebral Hemodynamic and White Matter Changes of Type 2 Diabetes Revealed by Multi-TI Arterial Spin Labeling and Double Inversion Recovery Sequence. <i>Frontiers in Neurology</i> , 2017, 8, 717.	1.1	19
710	Whole Brain Magnetic Resonance Image Atlases: A Systematic Review of Existing Atlases and Caveats for Use in Population Imaging. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 1.	1.3	120
711	Cerebral Pathology and Cognition in Diabetes: The Merits of Multiparametric Neuroimaging. <i>Frontiers in Neuroscience</i> , 2017, 11, 188.	1.4	23
712	Subjective Cognitive Impairment, Depressive Symptoms, and Fatigue after a TIA or Transient Neurological Attack: A Prospective Study. <i>Behavioural Neurology</i> , 2017, 2017, 1-7.	1.1	10
713	The presence and severity of cerebral small vessel disease increases the frequency of stroke in a cohort of patients with large artery occlusive disease. <i>PLoS ONE</i> , 2017, 12, e0184944.	1.1	28
714	The effect of white matter hyperintensities on statistical analysis of diffusion tensor imaging in cognitively healthy elderly and prodromal Alzheimer's disease. <i>PLoS ONE</i> , 2017, 12, e0185239.	1.1	32
715	Differential impact of white matter hyperintensities on long-term outcomes in ischemic stroke patients with large artery atherosclerosis. <i>PLoS ONE</i> , 2017, 12, e0189611.	1.1	6
716	Kidney dysfunction and cerebral microbleeds in neurologically healthy adults. <i>PLoS ONE</i> , 2017, 12, e0172210.	1.1	21
717	Malnutrition-inflammation is a risk factor for cerebral small vessel diseases and cognitive decline in peritoneal dialysis patients: a cross-sectional observational study. <i>BMC Nephrology</i> , 2017, 18, 366.	0.8	21

#	ARTICLE	IF	CITATIONS
718	Voxel-based irregularity age map (IAM) for brain's white matter hyperintensities in MRI. , 2017, , .		5
719	Recent Progress in Vascular Aging: Mechanisms and Its Role in Age-related Diseases. , 2017, 8, 486.		56
720	Latin American Delphi Consensus on Vascular Cognitive Impairment: Definitions, Clinical Features, Pathophysiology, Prevention and Treatment. Journal of Neurology and Neuroscience, 2017, 08, .	0.4	3
721	Leukoaraiosis is Associated with Worse Short-Term Functional and Cognitive Recovery after Minor Stroke. Neurologia Medico-Chirurgica, 2017, 57, 136-143.	1.0	19
722	Study of Enhanced Depth Imaging Optical Coherence Tomography in Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy. Chinese Medical Journal, 2017, 130, 1042-1048.	0.9	25
723	Cognitive Dysfunction in Diabetes Mellitus. , 2017, , 421-443.		2
725	Ultra-Slow Single-Vessel BOLD and CBV-Based fMRI Spatiotemporal Dynamics and Their Correlation with Neuronal Intracellular Calcium Signals. Neuron, 2018, 97, 925-939.e5.	3.8	113
726	Segmentation of white matter hyperintensities using convolutional neural networks with global spatial information in routine clinical brain MRI with none or mild vascular pathology. Computerized Medical Imaging and Graphics, 2018, 66, 28-43.	3.5	68
727	Quantitative cerebrovascular pathology in a community-based cohort of older adults. Neurobiology of Aging, 2018, 65, 77-85.	1.5	18
728	Small cortical grey matter lesions show no persistent infarction in transient ischaemic attack? A prospective cohort study. BMJ Open, 2018, 8, e018160.	0.8	6
730	Neuroimaging Signatures of Cerebral Small Vessel Disease at Blood Pressure Cutoff Levels of 130/80 and 140/90mmHg: A Population-Based Study in Community-Dwellers Aged ≥60Years. High Blood Pressure and Cardiovascular Prevention, 2018, 25, 203-208.	1.0	1
731	The current role of MRI in differentiating multiple sclerosis from its imaging mimics. Nature Reviews Neurology, 2018, 14, 199-213.	4.9	157
732	Age-Specific Associations of Renal Impairment With Magnetic Resonance Imaging Markers of Cerebral Small Vessel Disease in Transient Ischemic Attack and Stroke. Stroke, 2018, 49, 899-904.	1.0	32
733	White Matter Hyperintensities Segmentation in a Few Seconds Using Fully Convolutional Network and Transfer Learning. Lecture Notes in Computer Science, 2018, , 501-514.	1.0	8
734	Homocysteine and Cerebral Atrophy: The Epidemiology of Dementia in Singapore Study. Journal of Alzheimer's Disease, 2018, 62, 877-885.	1.2	14
735	Vascular reactivity in small cerebral perforating arteries with 7T phase contrast MRI – A proof of concept study. NeuroImage, 2018, 172, 470-477.	2.1	13
736	Microbleeds in ischemic vs hemorrhagic strokes on novel oral anticoagulants. Acta Neurologica Scandinavica, 2018, 138, 163-169.	1.0	11
737	Global cerebrovascular burden and long-term clinical outcomes in Asian elderly across the spectrum of cognitive impairment. International Psychogeriatrics, 2018, 30, 1355-1363.	0.6	8

#	ARTICLE	IF	CITATIONS
738	Mapping the contribution and strategic distribution patterns of neuroimaging features of small vessel disease in poststroke cognitive impairment. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 918-926.	0.9	20
739	Impact of Brain Atrophy on Early Neurological Deterioration and Outcome in Severe Ischemic Stroke Treated by Intravenous Thrombolysis. <i>European Neurology</i> , 2018, 79, 240-246.	0.6	11
740	Arterial Stiffness Is Associated With Basal Ganglia Enlarged Perivascular Spaces and Cerebral Small Vessel Disease Load. <i>Stroke</i> , 2018, 49, 1279-1281.	1.0	61
741	Differential Effect of APOE $\epsilon$ 4 Status and Elevated Pulse Pressure on Functional Decline in Cognitively Normal Older Adults. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1567-1578.	1.2	6
742	Detection of white matter lesion regions in MRI using SLICO and convolutional neural network. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 167, 49-63.	2.6	26
743	The brain health index: Towards a combined measure of neurovascular and neurodegenerative structural brain injury. <i>International Journal of Stroke</i> , 2018, 13, 849-856.	2.9	18
744	Distribution of Lacunar Infarcts in Asians With Intracerebral Hemorrhage. <i>Stroke</i> , 2018, 49, 1515-1517.	1.0	22
745	Cerebral small vessel disease and risk of incident stroke, dementia and depression, and all-cause mortality: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 90, 164-173.	2.9	203
746	In search of a putative imaging biomarker for Fabry disease. <i>Neurology</i> , 2018, 90, 721-722.	1.5	0
747	Increased resting cerebral blood flow in adult Fabry disease. <i>Neurology</i> , 2018, 90, e1379-e1385.	1.5	19
748	Interaction between blood-brain barrier and glymphatic system in solute clearance. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 90, 26-33.	2.9	95
749	Frequency of Acute and Subacute Infarcts in a Population-Based Study. <i>Mayo Clinic Proceedings</i> , 2018, 93, 300-306.	1.4	5
750	Does tranexamic acid lead to changes in MRI measures of brain tissue health in patients with spontaneous intracerebral haemorrhage? Protocol for a MRI substudy nested within the double-blind randomised controlled TICH-2 trial. <i>BMJ Open</i> , 2018, 8, e019930.	0.8	7
751	White Matter Hyperintensities and Cognition in Mild Cognitive Impairment and Alzheimer's Disease: A Domain-Specific Meta-Analysis. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 515-527.	1.2	82
752	Shades of white: diffusion properties of T1- and FLAIR-defined white matter signal abnormalities differ in stages from cognitively normal to dementia. <i>Neurobiology of Aging</i> , 2018, 68, 48-58.	1.5	15
753	Validation and Optimization of BIANCA for the Segmentation of Extensive White Matter Hyperintensities. <i>Neuroinformatics</i> , 2018, 16, 269-281.	1.5	20
754	The impact of early-life intelligence quotient on post stroke cognitive impairment. <i>European Stroke Journal</i> , 2018, 3, 145-156.	2.7	31
755	Update on Vascular Cognitive Impairment Associated with Subcortical Small-Vessel Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1417-1441.	1.2	90

#	ARTICLE	IF	CITATIONS
756	Neurovascular dysfunction in dementia – human cellular models and molecular mechanisms. <i>Clinical Science</i> , 2018, 132, 399-418.	1.8	23
757	Cerebral microbleeds and CSF Alzheimer biomarkers in primary progressive aphasia. <i>Neurology</i> , 2018, 90, e1057-e1065.	1.5	13
758	Perivascular Spaces Segmentation in Brain MRI Using Optimal 3D Filtering. <i>Scientific Reports</i> , 2018, 8, 2132.	1.6	98
759	Silent Cerebral Small-Vessel Disease Is Twice as Prevalent in Middle-Aged Individuals With Well-Controlled, Combination Antiretroviral Therapy – Treated Human Immunodeficiency Virus (HIV) Than in HIV-Uninfected Individuals. <i>Clinical Infectious Diseases</i> , 2018, 66, 1762-1769.	2.9	48
760	Dilated Perivascular Spaces in the Centrum Semiovale Begin to Develop in Middle Age. <i>Journal of Alzheimer's Disease</i> , 2018, 61, 1619-1626.	1.2	10
762	2017 HRS/EHRA/ECAS/APHS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. <i>Europace</i> , 2018, 20, e1-e160.	0.7	767
763	Cilostazol May Decrease Plasma Inflammatory Biomarkers in Patients with Recent Small Subcortical Infarcts: A Pilot Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 1639-1645.	0.7	10
764	Abnormal of inter-hemispheric functional connectivity in elderly subjects with overweight/obesity. <i>Obesity Research and Clinical Practice</i> , 2018, 12, 555-561.	0.8	8
765	White Matter Hyperintensity Predicts the Risk of Incident Cognitive Decline in Community Dwelling Elderly. <i>Journal of Alzheimer's Disease</i> , 2018, 61, 1333-1341.	1.2	17
766	Vascular cognitive impairment. <i>Nature Reviews Disease Primers</i> , 2018, 4, 18003.	18.1	358
767	Orthostatic hypotension in older persons is not associated with cognitive functioning, features of cerebral damage or cerebral blood flow. <i>Journal of Hypertension</i> , 2018, 36, 1201-1206.	0.3	21
768	The effect of white matter hyperintensities on verbal memory. <i>Neurology</i> , 2018, 90, e673-e682.	1.5	38
769	Blood – brain barrier breakdown in Alzheimer disease and other neurodegenerative disorders. <i>Nature Reviews Neurology</i> , 2018, 14, 133-150.	4.9	1,731
770	Brain atrophy in middle-aged subjects with Type 2 diabetes mellitus, with and without microvascular complications. <i>Journal of Diabetes</i> , 2018, 10, 625-632.	0.8	30
771	White matter hyperintensity shape and location feature analysis on brain MRI; proof of principle study in patients with diabetes. <i>Scientific Reports</i> , 2018, 8, 1893.	1.6	39
772	Lacunar Infarcts, but Not Perivascular Spaces, Are Predictors of Cognitive Decline in Cerebral Small-Vessel Disease. <i>Stroke</i> , 2018, 49, 586-593.	1.0	80
773	Multi-Parametric Classification of Vascular Cognitive Impairment and Dementia: The Impact of Diverse Cerebrovascular Injury Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 39-60.	1.2	9
774	Clinical significance of cerebral microbleeds on MRI: A comprehensive meta-analysis of risk of intracerebral hemorrhage, ischemic stroke, mortality, and dementia in cohort studies (v1). <i>International Journal of Stroke</i> , 2018, 13, 454-468.	2.9	82

#	ARTICLE	IF	CITATIONS
775	Framingham Stroke Risk Profile is related to cerebral small vessel disease progression and lower cognitive performance in patients with hypertension. <i>Journal of Clinical Hypertension</i> , 2018, 20, 240-245.	1.0	23
776	Albuminuria and Cerebral Small Vessel Disease: A Systematic Review and Meta-Analysis. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 509-517.	1.3	29
777	A large margin algorithm for automated segmentation of white matter hyperintensity. <i>Pattern Recognition</i> , 2018, 77, 150-159.	5.1	19
778	Remote Intracerebral Hemorrhage Following Intravenous Thrombolysis in Pregnancy at 31 Weeks Gestation. <i>Neurologist</i> , 2018, 23, 19-22.	0.4	7
779	Microbleeds are associated with depressive symptoms in Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 112-120.	1.2	7
780	Comment: Unraveling DNA sequence to identify cerebral indicators of dementia risk. <i>Neurology</i> , 2018, 90, 109-109.	1.5	0
781	An updated diagnostic approach to subtype definition of vascular parkinsonism – Recommendations from an expert working group. <i>Parkinsonism and Related Disorders</i> , 2018, 49, 9-16.	1.1	55
782	Cognitive Impairment Before Intracerebral Hemorrhage Is Associated With Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2018, 49, 40-45.	1.0	39
783	Inferior Parietal Cortex Hypoperfusion is the Most Specific Imaging Marker for AD Patients With Positive CSF Biomarker Assays in a Memory Clinic in France. <i>Alzheimer Disease and Associated Disorders</i> , 2018, 32, 89-93.	0.6	2
784	Paroxysmal Nocturnal Hemoglobinuria (Pnh): Brain Mri Ischemic Lesions In Neurologically Asymptomatic Patients. <i>Scientific Reports</i> , 2018, 8, 476.	1.6	8
785	Global Cerebral Atrophy Detected by Routine Imaging: Relationship with Age, Hippocampal Atrophy, and White Matter Hyperintensities. <i>Journal of Neuroimaging</i> , 2018, 28, 301-306.	1.0	8
786	White matter hyperintensity and stroke lesion segmentation and differentiation using convolutional neural networks. <i>NeuroImage: Clinical</i> , 2018, 17, 918-934.	1.4	164
787	Enlarged Basal Ganglia Perivascular Spaces are Associated with Pulsatile Components of Blood Pressure. <i>European Neurology</i> , 2018, 79, 86-89.	0.6	7
788	The Optimal Anti-Coagulation for Enhanced-Risk Patients Post-Catheter Ablation for Atrial Fibrillation (OCEAN) trial. <i>American Heart Journal</i> , 2018, 197, 124-132.	1.2	50
789	White matter changes and gait decline in cerebral small vessel disease. <i>NeuroImage: Clinical</i> , 2018, 17, 731-738.	1.4	66
790	Fibre-specific white matter reductions in Alzheimer's disease and mild cognitive impairment. <i>Brain</i> , 2018, 141, 888-902.	3.7	226
791	Cerebral microbleeds shouldn't dictate treatment of acute stroke: a retrospective cohort study evaluating risk of intracerebral hemorrhage. <i>BMC Neurology</i> , 2018, 18, 33.	0.8	20
792	The REstart or STop Antithrombotics Randomised Trial (RESTART) after stroke due to intracerebral haemorrhage: study protocol for a randomised controlled trial. <i>Trials</i> , 2018, 19, 162.	0.7	18

#	ARTICLE	IF	CITATIONS
793	Progression of White Matter Hyperintensities Preceded by Heterogeneous Decline of Microstructural Integrity. <i>Stroke</i> , 2018, 49, 1386-1393.	1.0	66
794	Cognitive function, disease burden and the structural connectome in systemic lupus erythematosus. <i>Lupus</i> , 2018, 27, 1329-1337.	0.8	14
795	Understanding the role of the perivascular space in cerebral small vessel disease. <i>Cardiovascular Research</i> , 2018, 114, 1462-1473.	1.8	211
797	Cerebrospinal fluid $\beta$ -amyloid <sub>42</sub> and neurofilament light relate to white matter hyperintensities. <i>Neurobiology of Aging</i> , 2018, 68, 18-25.	1.5	39
798	Longitudinal decline in structural networks predicts dementia in cerebral small vessel disease. <i>Neurology</i> , 2018, 90, e1898-e1910.	1.5	45
799	Microangiopathie cérébrale et démence: de la physiopathologie aux perspectives thérapeutiques. <i>Pratique Neurologique - FMC</i> , 2018, 9, 140-144.	0.1	0
800	Magnetic Resonance Imaging Markers of Cerebral Small Vessel Disease in Hematoma Expansion of Intracerebral Hemorrhage. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 2006-2013.	0.7	8
801	White matter hyperintensities and headache: A population-based imaging study (HUNT MRI). <i>Cephalalgia</i> , 2018, 38, 1927-1939.	1.8	30
802	Mediterranean Diet in Preventing Neurodegenerative Diseases. <i>Current Nutrition Reports</i> , 2018, 7, 10-20.	2.1	78
803	Effects of cerebral small vessel disease on the outcome of patients with ischemic stroke caused by large artery atherosclerosis. <i>Neurological Research</i> , 2018, 40, 381-390.	0.6	16
804	Association of White Matter Hyperintensities With Short-Term Outcomes in Patients With Minor Cerebrovascular Events. <i>Stroke</i> , 2018, 49, 919-923.	1.0	34
805	Plasma $A\beta$ (Amyloid- $\beta$ ) Levels and Severity and Progression of Small Vessel Disease. <i>Stroke</i> , 2018, 49, 884-890.	1.0	27
806	Intracranial Arterial Dolichoectasia and Stenosis. <i>Stroke</i> , 2018, 49, 1135-1140.	1.0	51
807	UBO Detector – A cluster-based, fully automated pipeline for extracting white matter hyperintensities. <i>NeuroImage</i> , 2018, 174, 539-549.	2.1	57
808	Cerebral Haemodynamics: Effects of Systemic Arterial Pulsatile Function and Hypertension. <i>Current Hypertension Reports</i> , 2018, 20, 20.	1.5	45
809	Retinal Microvascular Abnormalities as Surrogate Markers of Cerebrovascular Ischemic Disease: A Meta-Analysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 1960-1968.	0.7	38
810	White matter abnormalities and cognition in patients with conflicting diagnoses and CSF profiles. <i>Neurology</i> , 2018, 90, e1461-e1469.	1.5	11
811	Long-Term Morphological Changes of Symptomatic Lacunar Infarcts and Surrounding White Matter on Structural Magnetic Resonance Imaging. <i>Stroke</i> , 2018, 49, 1183-1188.	1.0	33



#	ARTICLE	IF	CITATIONS
812	Nonlinear pattern of the emergence of white matter hyperintensity in healthy Han Chinese: an adult lifespan study. <i>Neurobiology of Aging</i> , 2018, 67, 99-107.	1.5	18
813	Free water determines diffusion alterations and clinical status in cerebral small vessel disease. <i>Alzheimer's and Dementia</i> , 2018, 14, 764-774.	0.4	108
814	Enlarged perivascular spaces and cognitive impairment after stroke and transient ischemic attack. <i>International Journal of Stroke</i> , 2018, 13, 47-56.	2.9	84
815	Clinical vascular imaging in the brain at 7 T. <i>NeuroImage</i> , 2018, 168, 452-458.	2.1	38
816	Detection and characterization of small infarcts in the caudate nucleus on 7 Tesla MRI: The SMART-MR study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1609-1617.	2.4	6
817	Factors associated with increased white matter hyperintense lesion (WMHI) load in patients with systemic lupus erythematosus (SLE). <i>Lupus</i> , 2018, 27, 25-32.	0.8	10
818	Different types of white matter hyperintensities in CADASIL: Insights from 7-Tesla MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1654-1663.	2.4	25
819	Classification and characterization of periventricular and deep white matter hyperintensities on MRI: A study in older adults. <i>NeuroImage</i> , 2018, 170, 174-181.	2.1	191
820	Dementia incidence and predictors in cerebral amyloid angiopathy patients without intracerebral hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 241-249.	2.4	39
821	Atrial fibrillation is associated with anterior predominant white matter lesions in patients presenting with embolic stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 6-13.	0.9	43
822	Vasoreactivity in CADASIL: Comparison to structural MRI and neuropsychology. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1085-1095.	2.4	27
823	Total cerebral small vessel disease score and cognitive performance in community-dwelling older adults. Results from the Atahualpa Project. <i>International Journal of Geriatric Psychiatry</i> , 2018, 33, 325-331.	1.3	37
824	Increased diastolic blood pressure is associated with MRI biomarkers of dementia-related brain pathology in normative ageing. <i>Age and Ageing</i> , 2018, 47, 95-100.	0.7	26
825	Progress toward standardized diagnosis of vascular cognitive impairment: Guidelines from the Vascular Impairment of Cognition Classification Consensus Study. <i>Alzheimer's and Dementia</i> , 2018, 14, 280-292.	0.4	246
826	Evaluation of a deep learning approach for the segmentation of brain tissues and white matter hyperintensities of presumed vascular origin in MRI. <i>NeuroImage: Clinical</i> , 2018, 17, 251-262.	1.4	88
827	Cortical superficial siderosis and acute convexity subarachnoid hemorrhage in cerebral amyloid angiopathy. <i>European Journal of Neurology</i> , 2018, 25, 253-259.	1.7	18
828	Acute convexity subarachnoid haemorrhage and cortical superficial siderosis in probable cerebral amyloid angiopathy without lobar haemorrhage. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 397-403.	0.9	19
829	Measurement of Retinal Vessels as a Biomarker of Cerebrovascular Aging in Older HIV-Positive Men Compared With Controls. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018, 77, 199-205.	0.9	7



#	ARTICLE	IF	CITATIONS
830	Exploring the Spectrum of Subcortical Hyperintensities and Cognitive Decline. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2018, 30, 130-138.	0.9	8
831	The role of exercise in mitigating subcortical ischemic vascular cognitive impairment. <i>Journal of Neurochemistry</i> , 2018, 144, 582-594.	2.1	19
832	Frailty and Cerebral Small Vessel Disease: A Cross-Sectional Analysis of the Tasmanian Study of Cognition and Gait (TASCOG). <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 255-260.	1.7	37
833	MR Imaging-based Multimodal Autoidentification of Perivascular Spaces (mMAPS): Automated Morphologic Segmentation of Enlarged Perivascular Spaces at Clinical Field Strength. <i>Radiology</i> , 2018, 286, 632-642.	3.6	56
834	Quantitative and qualitative MRI evaluation of cerebral small vessel disease in an elderly population: a longitudinal study. <i>Acta Radiologica</i> , 2018, 59, 612-618.	0.5	30
835	The relation between total cerebral small vessel disease burden and gait impairment in patients with minor stroke. <i>International Journal of Stroke</i> , 2018, 13, 518-524.	2.9	19
836	Context is everything: From cardiovascular disease to cerebral microbleeds. <i>International Journal of Stroke</i> , 2018, 13, 6-10.	2.9	30
837	Preventing cognitive decline and dementia from cerebral small vessel disease: The LACI-1 Trial. Protocol and statistical analysis plan of a phase IIa dose escalation trial testing tolerability, safety and effect on intermediary endpoints of isosorbide mononitrate and cilostazol, separately and in combination. <i>International Journal of Stroke</i> , 2018, 13, 530-538.	2.9	22
838	Sex differences in associations between blood lipids and cerebral small vessel disease. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 28-34.	1.1	20
839	Leukoaraiosis Attenuates Diagnostic Accuracy of Large-Vessel Occlusion Scales. <i>American Journal of Neuroradiology</i> , 2018, 39, 317-322.	1.2	5
840	Cerebellar Hematoma Location. <i>Stroke</i> , 2018, 49, 207-210.	1.0	48
841	Cerebral microbleeds: a magnetic resonance imaging review of common and less common causes. <i>European Journal of Neurology</i> , 2018, 25, 441-450.	1.7	21
842	Bullseye's representation of cerebral white matter hyperintensities. <i>Journal of Neuroradiology</i> , 2018, 45, 114-122.	0.6	25
843	Intracranial pulsatility in patients with cerebral small vessel disease: a systematic review. <i>Clinical Science</i> , 2018, 132, 157-171.	1.8	46
844	Differential associations between retinal signs and CMBs by location. <i>Neurology</i> , 2018, 90, e142-e148.	1.5	11
845	Occurrence of Impaired Physical Performance in Memory Clinic Patients With Cerebral Small Vessel Disease. <i>Alzheimer Disease and Associated Disorders</i> , 2018, 32, 214-219.	0.6	10
846	Brain amyloid burden and cerebrovascular disease are synergistically associated with neurometabolism in cognitively unimpaired older adults. <i>Neurobiology of Aging</i> , 2018, 63, 152-161.	1.5	16
847	Mixed-location cerebral hemorrhage/microbleeds. <i>Neurology</i> , 2018, 90, e119-e126.	1.5	128

#	ARTICLE	IF	CITATIONS
848	Patterns of convexal subarachnoid haemorrhage: clinical, radiological and outcome differences between cerebral amyloid angiopathy and other causes. <i>Journal of Neurology</i> , 2018, 265, 204-210.	1.8	4
849	White matter degeneration in vascular and other ageing-related dementias. <i>Journal of Neurochemistry</i> , 2018, 144, 617-633.	2.1	147
850	Longitudinal cortical thinning and cognitive decline in patients with early- versus late-stage subcortical vascular mild cognitive impairment. <i>European Journal of Neurology</i> , 2018, 25, 326-333.	1.7	7
851	Cognitive abilities, brain white matter hyperintensity volume, and structural network connectivity in older age. <i>Human Brain Mapping</i> , 2018, 39, 622-632.	1.9	41
852	Brain structural differences between 73- and 92-year olds matched for childhood intelligence, social background, and intracranial volume. <i>Neurobiology of Aging</i> , 2018, 62, 146-158.	1.5	11
853	Association between hemostatic markers, serum lipid fractions and progression of cerebral small vessel disease: A 2-year follow-up study. <i>Neurologia I Neurochirurgia Polska</i> , 2018, 52, 54-63.	0.6	13
854	Consensus statement on current and emerging methods for the diagnosis and evaluation of cerebrovascular disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1391-1417.	2.4	48
855	Recurrent cerebral microbleeds with acute stroke symptoms. <i>Medicine (United States)</i> , 2018, 97, e12480.	0.4	4
856	Vascular Contribution to Cognition in Stroke and Alzheimer's Disease. <i>Brain Science Advances</i> , 2018, 4, 39-48.	0.3	21
857	The Impact of Intracerebral Hemorrhage on the Progression of White Matter Hyperintensity. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 471.	1.0	5
858	Brain Lacunae Segmentation from Fair Sequence Based On Fully Convolutional Neural Network. , 2018, , ,		1
859	Characteristics of Cerebral Microbleeds. <i>Dementia and Neurocognitive Disorders</i> , 2018, 17, 73.	0.4	35
860	Xanthine oxidase inhibition for the improvement of long-term outcomes following ischaemic stroke and transient ischaemic attack (XILO-FIST) â€” Protocol for a randomised double blind placebo-controlled clinical trial. <i>European Stroke Journal</i> , 2018, 3, 281-290.	2.7	26
861	6 .Diagnostische Methoden. , 2018, , 187-352.		0
862	Haemoglobin, magnetic resonance imaging markers and cognition: a subsample of population-based study. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 114.	3.0	13
863	Frequency and Stratification of Epileptogenic Lesions in Elderly With New Onset Seizures. <i>Frontiers in Neurology</i> , 2018, 9, 995.	1.1	8
864	Longitudinal Study on Low-Dose Aspirin versus Placebo Administration in Silent Brain Infarcts: The Silence Study. <i>Stroke Research and Treatment</i> , 2018, 2018, 1-9.	0.5	13
865	Targeted Assessment of Enlargement of the Perivascular Space in Alzheimer's Disease and Vascular Dementia Subtypes Implicates Astroglial Involvement Specific to Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 1587-1597.	1.2	57

#	ARTICLE	IF	CITATIONS
866	The Norwegian Cognitive impairment after stroke study (Nor-COAST): study protocol of a multicentre, prospective cohort study. <i>BMC Neurology</i> , 2018, 18, 193.	0.8	39
867	MRI Lesion Load of Cerebral Small Vessel Disease and Cognitive Impairment in Patients With CADASIL. <i>Frontiers in Neurology</i> , 2018, 9, 862.	1.1	13
869	Relationship between White Matter Hyperintensities and Hematoma Volume in Patients with Intracerebral Hematoma. , 2018, 9, 999.		10
870	The Neuroprotective Effects of Exercise: Maintaining a Healthy Brain Throughout Aging. <i>Brain Plasticity</i> , 2018, 4, 17-52.	1.9	116
871	Association between Leukoaraiosis and Symptomatic Intracranial Large Artery Stenoses and Occlusions: the Chinese Intracranial Atherosclerosis (CICAS) Study. , 2018, 9, 1074.		15
872	Cerebral Small Vessel Disease: A Review Focusing on Pathophysiology, Biomarkers, and Machine Learning Strategies. <i>Journal of Stroke</i> , 2018, 20, 302-320.	1.4	182
873	Protective effects of oral anticoagulants on cerebrovascular diseases and cognitive impairment in patients with atrial fibrillation: protocol for a multicentre, prospective, observational, longitudinal cohort study (Strawberry study). <i>BMJ Open</i> , 2018, 8, e021759.	0.8	7
874	Cerebral Small Vessel Disease. <i>Cell Transplantation</i> , 2018, 27, 1711-1722.	1.2	169
875	Influence of hemodynamics on enlarged perivascular spaces in atherosclerotic large vessel disease. <i>Neurological Research</i> , 2018, 40, 1021-1027.	0.6	7
876	Cerebral small vessel disease burden and functional and radiographic outcomes in intracerebral hemorrhage. <i>Journal of Neurology</i> , 2018, 265, 2803-2814.	1.8	28
877	MRI load of cerebral microvascular lesions and neurodegeneration, cognitive decline, and dementia. <i>Neurology</i> , 2018, 91, e1487-e1497.	1.5	31
878	White matter diffusion alterations precede symptom onset in autosomal dominant Alzheimer's disease. <i>Brain</i> , 2018, 141, 3065-3080.	3.7	116
879	Cognitive dysfunction in atrial fibrillation. <i>Nature Reviews Cardiology</i> , 2018, 15, 744-756.	6.1	73
880	The Association of Long-Term Exposure to Particulate Matter Air Pollution with Brain MRI Findings: The ARIC Study. <i>Environmental Health Perspectives</i> , 2018, 126, 027009.	2.8	76
881	Hypertensive organ damage predicts future cognitive performance: A 9-year follow-up study in patients with hypertension. <i>Journal of Clinical Hypertension</i> , 2018, 20, 1458-1463.	1.0	6
882	Middle cerebral artery geometric features are associated with plaque distribution and stroke. <i>Neurology</i> , 2018, 91, e1760-e1769.	1.5	24
883	The role of brain vasculature in neurodegenerative disorders. <i>Nature Neuroscience</i> , 2018, 21, 1318-1331.	7.1	612
884	Characteristics and clinical correlates of white matter changes in brain magnetic resonance of migraine females. <i>Neurologia I Neurochirurgia Polska</i> , 2018, 52, 695-703.	0.6	9

#	ARTICLE	IF	CITATIONS
885	The role of clinical and neuroimaging features in the diagnosis of CADASIL. <i>Journal of Neurology</i> , 2018, 265, 2934-2943.	1.8	25
886	Is VLSM a valid tool for determining the functional anatomy of the brain? Usefulness of additional Bayesian network analysis. <i>Neuropsychologia</i> , 2018, 121, 69-78.	0.7	14
887	Brain imaging correlates of mild cognitive impairment and early dementia in patients with type 2 diabetes mellitus. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 1253-1260.	1.1	36
888	Long-Term Premorbid Blood Pressure and Cerebral Small Vessel Disease Burden on Imaging in Transient Ischemic Attack and Ischemic Stroke. <i>Stroke</i> , 2018, 49, 2053-2060.	1.0	29
889	Cerebral Cortical Microinfarcts on Magnetic Resonance Imaging and Their Association With Cognition in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2018, 49, 2330-2336.	1.0	28
890	Risk of Nursing Home Admission in Cerebral Small Vessel Disease. <i>Stroke</i> , 2018, 49, 2659-2665.	1.0	3
891	Trained Immunity Characteristics Are Associated With Progressive Cerebral Small Vessel Disease. <i>Stroke</i> , 2018, 49, 2910-2917.	1.0	44
892	Secondary prevention of Alzheimer's dementia: neuroimaging contributions. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 112.	3.0	46
893	Cardiorespiratory fitness attenuates age-associated aggregation of white matter hyperintensities in an at-risk cohort. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 97.	3.0	17
894	Distinct amyloid distribution patterns in amyloid positive subcortical vascular cognitive impairment. <i>Scientific Reports</i> , 2018, 8, 16178.	1.6	11
895	Neuroimaging Determinants of Poststroke Cognitive Performance. <i>Stroke</i> , 2018, 49, 2666-2673.	1.0	41
896	The role of nighttime heart rate variability to detect white matter hyperintensities of presumed vascular origin in community-dwelling older adults. <i>International Journal of Stroke</i> , 2018, 13, NP22-NP23.	2.9	5
897	Region-specific susceptibility change in cognitively impaired patients with diabetes mellitus. <i>PLoS ONE</i> , 2018, 13, e0205797.	1.1	10
898	Oxidative Stress in Cerebral Small Vessel Disease Dizziness Patients, Basally and After Polyphenol Compound Supplementation. <i>Current Molecular Medicine</i> , 2018, 18, 160-165.	0.6	10
899	Regional White Matter Hyperintensity Influences Grey Matter Atrophy in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 533-549.	1.2	28
900	Prediabetes Is Associated With Structural Brain Abnormalities: The Maastricht Study. <i>Diabetes Care</i> , 2018, 41, 2535-2543.	4.3	68
901	Practical Small Vessel Disease Score Relates to Stroke, Dementia, and Death. <i>Stroke</i> , 2018, 49, 2857-2865.	1.0	51
902	The Prevalence and Characterization of Cerebral Microbleeds in Young People Having Intracerebral Hemorrhage. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2018, 20, 112.	0.2	4

#	ARTICLE	IF	CITATIONS
903	Electrocardiographic left atrial abnormality and silent vascular brain injury: The Northern Manhattan Study. <i>PLoS ONE</i> , 2018, 13, e0203774.	1.1	6
904	An MRI measure of degenerative and cerebrovascular pathology in Alzheimer disease. <i>Neurology</i> , 2018, 91, e1402-e1412.	1.5	53
905	Pathophysiology of Primary Intracerebral Hemorrhage: Insights into Cerebral Small Vessel Disease. <i>Stroke Revisited</i> , 2018, , 27-46.	0.2	1
906	Improved detection of cerebrovascular disease processes: Introduction to the <i>Journal of Cerebral Blood Flow and Metabolism</i> special issue on cerebrovascular disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 1387-1390.	2.4	13
907	Intravoxel incoherent motion MRI in neurological and cerebrovascular diseases. <i>NeuroImage: Clinical</i> , 2018, 20, 705-714.	1.4	51
908	Cohort profile: Thrombolysis in Ischemic Stroke Patients (TRISP): a multicentre research collaboration. <i>BMJ Open</i> , 2018, 8, e023265.	0.8	16
909	Enzyme replacement therapy and white matter hyperintensity progression in Fabry disease. <i>Neurology</i> , 2018, 91, e1413-e1422.	1.5	13
910	IL-6, PF-4, sCD40 L, and homocysteine are associated with the radiological progression of cerebral small-vessel disease: a 2-year follow-up study. <i>Clinical Interventions in Aging</i> , 2018, Volume 13, 1135-1141.	1.3	26
911	Cerebral White Matter Hyperintensities and Microbleeds in Acute Ischemic Stroke: Impact on Recanalization Therapies. A Review of the Literature. <i>Neuroscience Letters</i> , 2018, 687, 55-64.	1.0	8
912	Relationship of cardiac biomarkers with white matter hyperintensities in cardioembolic stroke due to atrial fibrillation and/or rheumatic heart disease. <i>Medicine (United States)</i> , 2018, 97, e11892.	0.4	5
913	The importance of comorbidities in ischemic stroke: Impact of hypertension on the cerebral circulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 2129-2149.	2.4	202
914	Kidney Dysfunction is Associated with a High Burden of Cerebral Small Vessel Disease in Primary Intracerebral Hemorrhage. <i>Current Neurovascular Research</i> , 2018, 15, 39-46.	0.4	7
915	Domain-specific characterisation of early cognitive impairment following spontaneous intracerebral haemorrhage. <i>Journal of the Neurological Sciences</i> , 2018, 391, 25-30.	0.3	16
916	White matter hyperintensity segmentation from T1 and FLAIR images using fully convolutional neural networks enhanced with residual connections. , 2018, , .		9
917	Major or Mild Vascular Neurocognitive Disorder. , 2018, , 445-466.		0
918	In vivo imaging and analysis of cerebrovascular hemodynamic responses and tissue oxygenation in the mouse brain. <i>Nature Protocols</i> , 2018, 13, 1377-1402.	5.5	45
919	Rapid Automated Quantification of Cerebral Leukoaraiosis on CT Images: A Multicenter Validation Study. <i>Radiology</i> , 2018, 288, 573-581.	3.6	25
920	Cerebral Microbleeds in Advanced Dementia: Clinical and Pathological Correlates. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2018, 33, 362-372.	0.9	4

#	ARTICLE	IF	CITATIONS
921	Prevention of cardiovascular events in Asian patients with ischaemic stroke at high risk of cerebral haemorrhage (PICASSO): a multicentre, randomised controlled trial. <i>Lancet Neurology</i> , The, 2018, 17, 509-518.	4.9	72
923	Dysphagia in supratentorial recent small subcortical infarcts results from bilateral pyramidal tract damage. <i>International Journal of Stroke</i> , 2018, 13, 815-819.	2.9	6
924	Interactive Associations of Vascular Risk and $\beta$ -Amyloid Burden With Cognitive Decline in Clinically Normal Elderly Individuals. <i>JAMA Neurology</i> , 2018, 75, 1124.	4.5	165
925	Neuroimaging Characteristics of Small-Vessel Disease in Older Adults with Normal Cognition, Mild Cognitive Impairment, and Alzheimer Disease. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2018, 8, 199-206.	0.6	13
926	Neuroimaging in Normal Brain Aging. , 2018, , 1-17.		0
927	Cerebral small vessel disease and the risk of dementia: A systematic review and meta-analysis of population-based evidence. <i>Alzheimer's and Dementia</i> , 2018, 14, 1482-1492.	0.4	118
928	Cerebral small vessel disease: from a focal to a global perspective. <i>Nature Reviews Neurology</i> , 2018, 14, 387-398.	4.9	310
929	Assessment of Extent and Role of Tau in Subcortical Vascular Cognitive Impairment Using $^{18}$ F-AV1451 Positron Emission Tomography Imaging. <i>JAMA Neurology</i> , 2018, 75, 999.	4.5	85
930	White matter hyperintensities and their subtypes in patients with carotid artery stenosis: a systematic review and meta-analysis. <i>BMJ Open</i> , 2018, 8, e020830.	0.8	17
931	Total Small Vessel Disease Score in Neurologically Healthy Japanese Adults in the Kashima Scan Study. <i>Internal Medicine</i> , 2018, 57, 189-196.	0.3	28
932	A Clinicopathological Investigation of White Matter Hyperintensities and Alzheimer's Disease Neuropathology. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 1347-1360.	1.2	55
933	HIV infection and stroke. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 152, 187-200.	1.0	16
934	Imaging Endophenotypes of Stroke as a Target for Genetic Studies. <i>Stroke</i> , 2018, 49, 1557-1562.	1.0	10
935	Cerebral microbleeds and intracranial haemorrhage risk in patients anticoagulated for atrial fibrillation after acute ischaemic stroke or transient ischaemic attack (CROMIS-2): a multicentre observational cohort study. <i>Lancet Neurology</i> , The, 2018, 17, 539-547.	4.9	192
937	Association Between the Serum Uric Acid Levels and Lacunar Infarcts in the Elderly. <i>Journal of Molecular Neuroscience</i> , 2018, 65, 385-390.	1.1	16
938	Cross-Sectional Associations Between Cardiac Biomarkers, Cognitive Performance, and Structural Brain Changes Are Modified by Age. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1948-1958.	1.1	13
939	Differences in Signal Intensity and Enhancement on MR Images of the Perivascular Spaces in the Basal Ganglia versus Those in White Matter. <i>Magnetic Resonance in Medical Sciences</i> , 2018, 17, 301-307.	1.1	17
940	Structural and Functional Imaging. , 2018, , 103-136.		1

#	ARTICLE	IF	CITATIONS
941	Cardiovascular disease and brain health: Focus on white matter hyperintensities. <i>IJC Heart and Vasculature</i> , 2018, 19, 63-69.	0.6	78
942	Reader response: Pharmacotherapy for diabetic peripheral neuropathy pain and quality of life: A systematic review. <i>Neurology</i> , 2018, 90, 1123-1125.	1.5	1
943	Impact of white matter hyperintensities on the prognosis of cryptogenic stroke patients. <i>PLoS ONE</i> , 2018, 13, e0196014.	1.1	6
944	The cumulative effect of small vessel disease lesions is reflected in structural brain networks of memory clinic patients. <i>NeuroImage: Clinical</i> , 2018, 19, 963-969.	1.4	30
945	Age and sex-specific associations of carotid pulsatility with small vessel disease burden in transient ischemic attack and ischemic stroke. <i>International Journal of Stroke</i> , 2018, 13, 832-839.	2.9	25
946	Reversal of endothelial dysfunction reduces white matter vulnerability in cerebral small vessel disease in rats. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	129
947	The Additional Value of PET in the Assessment of Cerebral Small Vessel Disease. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1660-1664.	2.8	12
948	The consequence of cerebral small vessel disease: Linking brain atrophy to motor impairment in the elderly. <i>Human Brain Mapping</i> , 2018, 39, 4452-4461.	1.9	30
949	Progression of White Matter Hyperintensities Contributes to Lacunar Infarction. , 2018, 9, 444.		29
950	Cerebral small vessel disease and the risk of Alzheimer's disease: A systematic review. <i>Ageing Research Reviews</i> , 2018, 47, 41-48.	5.0	62
951	Voxel-Wise Logistic Regression and Leave-One-Source-Out Cross Validation for white matter hyperintensity segmentation. <i>Magnetic Resonance Imaging</i> , 2018, 54, 119-136.	1.0	6
952	The contribution of small vessel disease to subtypes of Alzheimer's disease: a study on cerebrospinal fluid and imaging biomarkers. <i>Neurobiology of Aging</i> , 2018, 70, 18-29.	1.5	48
953	Editors' note: Serum neurofilament light is sensitive to active cerebral small vessel disease. <i>Neurology</i> , 2018, 90, 1126-1126.	1.5	0
954	Increased risk of cognitive impairment and more severe brain lesions in hypertensive compared to non-hypertensive patients with cerebral small vessel disease. <i>Journal of Clinical Hypertension</i> , 2018, 20, 1260-1265.	1.0	14
955	Vascular Cognitive Impairment: Investigation and Treatment. , 2018, , 475-485.		0
956	Association Between Cerebral Microbleeds and Depression in the General Elderly Population: A Meta-Analysis. <i>Frontiers in Psychiatry</i> , 2018, 9, 94.	1.3	7
957	Assessment of Target Organ Damage. , 2018, , 189-199.		0
958	Different Types of White Matter Hyperintensities in CADASIL. <i>Frontiers in Neurology</i> , 2018, 9, 526.	1.1	21



#	ARTICLE	IF	CITATIONS
959	The association between brain volume, cortical brain infarcts, and physical frailty. <i>Neurobiology of Aging</i> , 2018, 70, 247-253.	1.5	44
961	Emerging Role of Immunity in Cerebral Small Vessel Disease. <i>Frontiers in Immunology</i> , 2018, 9, 67.	2.2	58
962	Cerebral Small Vessel Disease Burden Is Associated With Poststroke Depressive Symptoms: A 15-Month Prospective Study. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 46.	1.7	9
963	Small Vessel Disease on Neuroimaging in a 75-Year-Old Cohort (PIVUS): Comparison With Cognitive and Executive Tests. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 217.	1.7	10
964	Compromised Bloodâ€“Brain Barrier Integrity Is Associated With Total Magnetic Resonance Imaging Burden of Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 2018, 9, 221.	1.1	39
965	Association of Chronic Kidney Disease With Small Vessel Disease in Patients With Hypertensive Intracerebral Hemorrhage. <i>Frontiers in Neurology</i> , 2018, 9, 284.	1.1	15
966	Large Vessel Disease Modifies the Relationship Between Kidney Injury and Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 2018, 9, 498.	1.1	3
967	Reader response: Serum neurofilament light is sensitive to active cerebral small vessel disease. <i>Neurology</i> , 2018, 90, 1126-1126.	1.5	0
968	DEWS (DEep White matter hyperintensity Segmentation framework): A fully automated pipeline for detecting small deep white matter hyperintensities in migraineurs. <i>NeuroImage: Clinical</i> , 2018, 18, 638-647.	1.4	21
969	Cognitive decline and dementia in diabetes mellitus: mechanisms and clinical implications. <i>Nature Reviews Endocrinology</i> , 2018, 14, 591-604.	4.3	689
970	MRI-based neuroimaging: atypical parkinsonisms and other movement disorders. <i>Current Opinion in Neurology</i> , 2018, 31, 425-430.	1.8	15
971	Perivascular Spaces Volume in Sporadic and Hereditary (Dutch-Type) Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2018, 49, 1913-1919.	1.0	31
972	Neuroimaging and neuropathology indices of cerebrovascular disease burden. <i>Neurology</i> , 2018, 91, 310-320.	1.5	22
973	New insights in radiation-induced leukoencephalopathy: a prospective cross-sectional study. <i>Supportive Care in Cancer</i> , 2018, 26, 4217-4226.	1.0	26
974	Cortical Microinfarcts on 3T Magnetic Resonance Imaging in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2018, 49, 1899-1905.	1.0	22
975	Why Are Only Some Subcortical Ischemic Lesions on Diffusion Magnetic Resonance Imaging Associated With Stroke Symptoms in Small Vessel Disease?. <i>Stroke</i> , 2018, 49, 1920-1923.	1.0	6
976	Investigating the origin and evolution of cerebral small vessel disease: The RUN DMC â€“ InTENse study. <i>European Stroke Journal</i> , 2018, 3, 369-378.	2.7	14
977	Effect of Low-Dose Statins and Apolipoprotein E Genotype on Cerebral Small Vessel Disease in Older Hypertensive Patients: A Subgroup Analysis of a Randomized Clinical Trial. <i>Journal of the American Medical Directors Association</i> , 2018, 19, 995-1002.e4.	1.2	40

#	ARTICLE	IF	CITATIONS
978	Impact of white matter hyperintensities on surrounding white matter tracts. <i>Neuroradiology</i> , 2018, 60, 933-944.	1.1	31
979	MRI white matter lesion segmentation using an ensemble of neural networks and overcomplete patch-based voting. <i>Computerized Medical Imaging and Graphics</i> , 2018, 69, 43-51.	3.5	32
980	Antiplatelet Treatment After Transient Ischemic Attack and Ischemic Stroke in Patients With Cerebral Microbleeds in 2 Large Cohorts and an Updated Systematic Review. <i>Stroke</i> , 2018, 49, 1434-1442.	1.0	27
981	The effect of the total small vessel disease burden on the structural brain network. <i>Scientific Reports</i> , 2018, 8, 7442.	1.6	18
982	Effect of Antihypertensive Medication on Cerebral Small Vessel Disease. <i>Stroke</i> , 2018, 49, 1531-1533.	1.0	65
983	Clinical and radiological determinants of transient symptoms associated with infarction (TSI). <i>Journal of the Neurological Sciences</i> , 2018, 390, 195-199.	0.3	7
984	MRI brain white matter change: spectrum of change – how can we grade?. <i>Journal of the Royal College of Physicians of Edinburgh, The</i> , 2018, 47, 271-275.	0.2	6
985	Cerebrovascular disease influences functional and structural network connectivity in patients with amnesic mild cognitive impairment and Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 82.	3.0	31
986	Leukoaraiosis – new concepts and modern imaging. <i>Polish Journal of Radiology</i> , 2018, 83, 76-81.	0.5	38
987	Does Tetralogy of Fallot affect brain aging? A proof-of-concept study. <i>PLoS ONE</i> , 2018, 13, e0202496.	1.1	3
988	Advances in Understanding the Pathophysiology of Lacunar Stroke. <i>JAMA Neurology</i> , 2018, 75, 1273.	4.5	151
989	Atrial Fibrillation, Cognitive Decline, and Dementia: an Epidemiologic Review. <i>Current Epidemiology Reports</i> , 2018, 5, 252-261.	1.1	42
990	Vascular Effects on Depressive Symptoms in Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 597-605.	1.2	6
991	Machine learning of neuroimaging for assisted diagnosis of cognitive impairment and dementia: A systematic review. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 519-535.	1.2	162
992	The association between hypertensive arteriopathy and cerebral amyloid angiopathy in spontaneously hypertensive stroke-prone rats. <i>Brain Pathology</i> , 2018, 28, 844-859.	2.1	31
993	Pericyte Structural Remodeling in Cerebrovascular Health and Homeostasis. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 210.	1.7	77
994	A population neuroscience approach to the study of cerebral small vessel disease in midlife and late life: an invited review. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H1117-H1136.	1.5	52
995	Arterial Stiffness and Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 2018, 9, 723.	1.1	36

#	ARTICLE	IF	CITATIONS
996	Twenty-four-hour ambulatory blood-pressure variability is associated with total magnetic resonance-imaging burden in cerebral small-vessel disease. <i>Clinical Interventions in Aging</i> , 2018, Volume 13, 1419-1427.	1.3	30
997	[18F]-Flutemetamol Uptake in Cortex and White Matter: Comparison with Cerebrospinal Fluid Biomarkers and [18F]-Fludeoxyglucose. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1595-1607.	1.2	16
998	Total MRI Small Vessel Disease Burden Correlates with Cognitive Performance, Cortical Atrophy, and Network Measures in a Memory Clinic Population. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 1485-1497.	1.2	55
999	Longitudinal serum S100 $\beta$ and brain aging in the Lothian Birth Cohort 1936. <i>Neurobiology of Aging</i> , 2018, 69, 274-282.	1.5	13
1000	William M. Feinberg Award for Excellence in Clinical Stroke. <i>Stroke</i> , 2018, 49, 1770-1775.	1.0	23
1001	Characterization of Heterozygous <i>HTRA1</i> Mutations in Taiwanese Patients With Cerebral Small Vessel Disease. <i>Stroke</i> , 2018, 49, 1593-1601.	1.0	39
1002	Author response: Pharmacotherapy for diabetic peripheral neuropathy pain and quality of life: A systematic review. <i>Neurology</i> , 2018, 90, 1125-1125.	1.5	3
1003	White matter hyperintensities and the mediating role of cerebral amyloid angiopathy in dominantly-inherited Alzheimer's disease. <i>PLoS ONE</i> , 2018, 13, e0195838.	1.1	51
1004	Location, number and factors associated with cerebral microbleeds in an Italian-British cohort of CADASIL patients. <i>PLoS ONE</i> , 2018, 13, e0190878.	1.1	33
1005	Clinicians' perspectives on incidentally discovered silent brain infarcts – A qualitative study. <i>PLoS ONE</i> , 2018, 13, e0194971.	1.1	11
1006	Neuroimaging Studies Illustrate the Commonalities Between Ageing and Brain Diseases. <i>BioEssays</i> , 2018, 40, e1700221.	1.2	15
1007	Cerebrovascular disorders. <i>Current Opinion in Neurology</i> , 2018, 31, 345-353.	1.8	7
1008	Cortical superficial siderosis. <i>Neurology</i> , 2018, 91, e132-e138.	1.5	23
1009	Editors' note: Pharmacotherapy for diabetic peripheral neuropathy pain and quality of life: A systematic review. <i>Neurology</i> , 2018, 90, 1123-1123.	1.5	0
1010	Arterial Stiffness is Independently Associated with Severity of Carotid Siphon Calcifications in Community-Dwelling Older Adults: The Atahualpa Project. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 2494-2499.	0.7	6
1011	Diagnosis of Potentially Preventable Dementias. , 0, , 23-41.		0
1012	Chronic oral infection: An emerging risk factor of cerebral small vessel disease. <i>Oral Diseases</i> , 2019, 25, 710-719.	1.5	23
1013	Rationale, design, and baseline participant characteristics in the MRI and cognitive substudy of the cardiovascular outcomes for people using anticoagulation strategies trial. <i>International Journal of Stroke</i> , 2019, 14, 270-281.	2.9	11

#	ARTICLE	IF	CITATIONS
1014	High Circulatory Phosphate Level Is Associated with Cerebral Small-Vessel Diseases. <i>Translational Stroke Research</i> , 2019, 10, 265-272.	2.3	7
1015	Prediabetes and diabetes accelerate cognitive decline and predict microvascular lesions: A population-based cohort study. <i>Alzheimer's and Dementia</i> , 2019, 15, 25-33.	0.4	112
1016	Longitudinal MRI dynamics of recent small subcortical infarcts and possible predictors. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1669-1677.	2.4	27
1017	The association between frailty and MRI features of cerebral small vessel disease. <i>Scientific Reports</i> , 2019, 9, 11343.	1.6	38
1018	Lenticulostriate Arteries and Basal Ganglia Changes in Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy, a High-Field MRI Study. <i>Frontiers in Neurology</i> , 2019, 10, 870.	1.1	11
1019	Plasma Klotho concentration is associated with the presence, burden and progression of cerebral small vessel disease in patients with acute ischaemic stroke. <i>PLoS ONE</i> , 2019, 14, e0220796.	1.1	17
1020	A Non-linear Association Between Total Small Vessel Disease Score and Hemorrhagic Transformation After Ischemic Stroke With Atrial Fibrillation and/or Rheumatic Heart Disease. <i>Frontiers in Neurology</i> , 2019, 10, 769.	1.1	5
1021	Cerebrovascular disease: Neuroimaging of cerebral small vessel disease. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 165, 225-255.	0.9	16
1022	Quantitative MRI of cerebral white matter hyperintensities: A new approach towards understanding the underlying pathology. <i>NeuroImage</i> , 2019, 202, 116077.	2.1	19
1023	Cerebellar hemorrhages in patients with cerebral amyloid angiopathy. <i>Journal of the Neurological Sciences</i> , 2019, 405, 116418.	0.3	11
1024	Mangiferin ameliorates collateral neuropathy in BHP induced apoptotic nephropathy by inflammation mediated kidney to brain crosstalk. <i>Food and Function</i> , 2019, 10, 5981-5999.	2.1	19
1025	Physical activities attenuate the negative cognitive impact from white matter hyperintensities in stroke and TIA patients with low education. <i>International Journal of Geriatric Psychiatry</i> , 2019, 34, 1792-1798.	1.3	6
1026	Microbleed prevalence and burden in anticoagulant-associated intracerebral bleed. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1546-1551.	1.7	16
1027	Clinical practice guideline for cognitive impairment of cerebral small vessel disease. <i>Aging Medicine (Milton (N S W))</i> , 2019, 2, 64-73.	0.9	47
1029	Total Small Vessel Disease Burden Predicts Functional Outcome in Patients With Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2019, 10, 808.	1.1	15
1030	Pre-Existing Cerebral Small Vessel Disease Limits Early Recovery in Patients with Acute Lacunar Infarct. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 104312.	0.7	4
1031	Cerebral amyloid burden is associated with white matter hyperintensity location in specific posterior white matter regions. <i>Neurobiology of Aging</i> , 2019, 84, 225-234.	1.5	42
1032	Dysfunctional Architecture Underlies White Matter Hyperintensities with and without Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 461-476.	1.2	15

#	ARTICLE	IF	CITATIONS
1033	Polyphosphate, Zn <sup>2+</sup> and high molecular weight kininogen modulate individual reactions of the contact pathway of blood clotting. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 2131-2140.	1.9	19
1034	Intrathecal IgG Synthesis and Persistent Inflammation Are Associated with White Matter Lesions in HIV-negative Patients with Cryptococcal Meningoencephalitis. <i>Internal Medicine</i> , 2019, 58, 3077-3082.	0.3	1
1035	Automated lesion segmentation with BIANCA: Impact of population-level features, classification algorithm and locally adaptive thresholding. <i>NeuroImage</i> , 2019, 202, 116056.	2.1	32
1036	Effect of Heart Rate Variability on the Association Between the Apnea-Hypopnea Index and Cerebral Small Vessel Disease. <i>Stroke</i> , 2019, 50, 2486-2491.	1.0	14
1037	Genome-wide association study of cerebral small vessel disease reveals established and novel loci. <i>Brain</i> , 2019, 142, 3176-3189.	3.7	76
1038	Predictors for Late Post-Intracerebral Hemorrhage Dementia in Patients with Probable Cerebral Amyloid Angiopathy. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 435-442.	1.2	9
1039	Plasma Lipoprotein-associated Phospholipase A2 and Superoxide Dismutase are Independent Predictors of Cognitive Impairment in Cerebral Small Vessel Disease Patients: Diagnosis and Assessment. , 2019, 10, 834.		58
1040	Small Vessel Disease. , 2019, , 167-201.		0
1041	Neuroimaging in Normal Brain Aging. , 2019, , 1277-1293.		1
1042	The Comprehensive Assessment of Neurodegeneration and Dementia: Canadian Cohort Study. <i>Canadian Journal of Neurological Sciences</i> , 2019, 46, 499-511.	0.3	56
1043	Preventing dementia by preventing stroke: The Berlin Manifesto. <i>Alzheimer's and Dementia</i> , 2019, 15, 961-984.	0.4	200
1044	Neuroimaging of Cerebral Small Vessel Disease and Age-Related Cognitive Changes. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 145.	1.7	41
1045	Magnetic Resonance Imagingâ€“Visible Perivascular Spaces in Basal Ganglia Predict Cognitive Decline in Parkinson's Disease. <i>Movement Disorders</i> , 2019, 34, 1672-1679.	2.2	60
1046	Low carotid endothelial shear stress associated with cerebral small vessel disease in an older population: A subgroup analysis of a population-based prospective cohort study. <i>Atherosclerosis</i> , 2019, 288, 42-50.	0.4	10
1047	The combined presence of hypertension and vitamin D deficiency increased the probability of the occurrence of small vessel disease in China. <i>BMC Neurology</i> , 2019, 19, 164.	0.8	4
1048	Circular RNA <i>TLK1</i> Aggravates Neuronal Injury and Neurological Deficits after Ischemic Stroke via miR-335-3p/TIPARP. <i>Journal of Neuroscience</i> , 2019, 39, 7369-7393.	1.7	164
1049	Localisation of oxysterols at the sub-cellular level and in biological fluids. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 193, 105426.	1.2	23
1050	Vascular and Neurodegenerative Markers for the Prediction of Post-Stroke Cognitive Impairment: Results from the TABASCO Study. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 889-898.	1.2	33

#	ARTICLE	IF	CITATIONS
1051	Basal Ganglia-Cortical Circuit Disruption in Subcortical Silent Lacunar Infarcts. <i>Frontiers in Neurology</i> , 2019, 10, 660.	1.1	3
1052	Comparing model-based cerebrovascular physiomeasures with DTI biomarkers in MCI patients. <i>Brain and Behavior</i> , 2019, 9, e01356.	1.0	2
1053	Neuroimaging consequences of cerebral small vessel disease in patients with obstructive sleep apnea-hypopnea syndrome. <i>Brain and Behavior</i> , 2019, 9, e01364.	1.0	11
1054	Re-thinking the Etiological Framework of Neurodegeneration. <i>Frontiers in Neuroscience</i> , 2019, 13, 728.	1.4	56
1055	The contribution of acute infarcts to cerebral small vessel disease progression. <i>Annals of Neurology</i> , 2019, 86, 582-592.	2.8	27
1056	7T TOF-MRA shows modulated orifices of lenticulostriate arteries associated with atherosclerotic plaques in patients with lacunar infarcts. <i>European Journal of Radiology</i> , 2019, 118, 271-276.	1.2	23
1057	Antiplatelet Therapy in Cerebral Small Vessel Disease. <i>Current Neurology and Neuroscience Reports</i> , 2019, 19, 61.	2.0	10
1058	Independent effects of white matter hyperintensities on cognitive, neuropsychiatric, and functional decline: a longitudinal investigation using the National Alzheimer's Coordinating Center Uniform Data Set. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 64.	3.0	47
1059	Enlarged perivascular spaces and florbetapir uptake in patients with intracerebral hemorrhage. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 2339-2347.	3.3	18
1060	Subjective cognitive decline, brain imaging biomarkers, and cognitive functioning in patients with a history of vascular disease: the SMART-Medea study. <i>Neurobiology of Aging</i> , 2019, 84, 33-40.	1.5	17
1061	Alteration of the Cortex Shape as a Proxy of White Matter Swelling in Severe Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 2019, 10, 753.	1.1	5
1062	Vascular Cognitive Impairment and Dementia. <i>Journal of the American College of Cardiology</i> , 2019, 73, 3326-3344.	1.2	384
1063	Diagnosis and Prediction of Relapses in Susac Syndrome: A New Use for MR Postcontrast FLAIR Leptomeningeal Enhancement. <i>American Journal of Neuroradiology</i> , 2019, 40, 1184-1190.	1.2	24
1064	Insulin Resistance Is a Risk Factor for Overall Cerebral Small Vessel Disease Burden in Old Nondiabetic Healthy Adult Population. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 127.	1.7	17
1065	High triglyceride/HDL cholesterol ratio is associated with silent brain infarcts in a healthy population. <i>BMC Neurology</i> , 2019, 19, 147.	0.8	22
1066	Structural neuroimaging differentiates vulnerability from disease manifestation in colombian families with Huntington's disease. <i>Brain and Behavior</i> , 2019, 9, e01343.	1.0	9
1069	<i>APOE</i> and cortical superficial siderosis in CAA. <i>Neurology</i> , 2019, 93, e358-e371.	1.5	42
1070	Down syndrome, Alzheimer disease, and cerebral amyloid angiopathy: The complex triangle of brain amyloidosis. <i>Developmental Neurobiology</i> , 2019, 79, 716-737.	1.5	30

#	ARTICLE	IF	CITATIONS
1071	Capabilities of non-medicamentous sympathocorrection of the tone of cerebral veins in people with accelerated ageing. <i>Journal of Physics: Conference Series</i> , 2019, 1327, 012005.	0.3	0
1072	Location-Specific Association Between Cerebral Microbleeds and Arterial Pulsatility. <i>Frontiers in Neurology</i> , 2019, 10, 1012.	1.1	6
1073	High dilated perivascular space burden: a new MRI marker for risk of intracerebral hemorrhage. <i>Neurobiology of Aging</i> , 2019, 84, 158-165.	1.5	27
1075	Tissue Plasminogen Activator and MRI Signs of Cerebral Small Vessel Disease. <i>Brain Sciences</i> , 2019, 9, 266.	1.1	10
1076	Autoidentification of perivascular spaces in white matter using clinical field strength T1 and FLAIR MR imaging. <i>NeuroImage</i> , 2019, 202, 116126.	2.1	32
1077	Association Between Endothelial Cell Stabilizing Medication and Small Vessel Disease Stroke: A Case-Control Study. <i>Frontiers in Neurology</i> , 2019, 10, 1029.	1.1	5
1078	Nonfocal Transient Neurological Attacks Are Associated With Cerebral Small Vessel Disease. <i>Stroke</i> , 2019, 50, 3540-3544.	1.0	6
1079	Brain Infarct Segmentation and Registration on MRI or CT for Lesion-symptom Mapping. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	15
1080	An Iterative Mixed Pixel Classification for Brain Tissues and White Matter Hyperintensity in Magnetic Resonance Imaging. <i>IEEE Access</i> , 2019, 7, 124674-124687.	2.6	9
1081	Cardiovascular factors are related to dopamine integrity and cognition in aging. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2291-2303.	1.7	19
1082	An Exploratory Study of Predictors of Response to Vagus Nerve Stimulation Paired with Upper-Limb Rehabilitation After Ischemic Stroke. <i>Scientific Reports</i> , 2019, 9, 15902.	1.6	11
1083	Common Causes of Ischemic Stroke. , 2019, , 38-49.		1
1084	Cerebral Small-Vessel Disease. , 2019, , 202-212.		0
1085	SegAE: Unsupervised white matter lesion segmentation from brain MRIs using a CNN autoencoder. <i>NeuroImage: Clinical</i> , 2019, 24, 102085.	1.4	21
1086	Longitudinal changes in rich club organization and cognition in cerebral small vessel disease. <i>NeuroImage: Clinical</i> , 2019, 24, 102048.	1.4	16
1087	Patterns of brain structural alteration in COPD with different levels of pulmonary function impairment and its association with cognitive deficits. <i>BMC Pulmonary Medicine</i> , 2019, 19, 203.	0.8	31
1088	Underlying Small Vessel Disease Associated With Mixed Cerebral Microbleeds. <i>Frontiers in Neurology</i> , 2019, 10, 1126.	1.1	21
1089	Cerebrovascular Pulsatility During Rest and Exercise Reflects Hemodynamic Impairment in Stroke and Cerebral Small Vessel Disease. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 3116-3127.	0.7	12



#	ARTICLE	IF	CITATIONS
1090	Cerebral Small Vessel Disease (CSVD) â€“ Lessons From the Animal Models. <i>Frontiers in Physiology</i> , 2019, 10, 1317.	1.3	40
1091	Minor gait impairment despite white matter damage in pure small vessel disease. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2026-2036.	1.7	17
1092	New Insights into the Electrocatalytic Mechanism of Methanol Oxidation on Amorphous Ni-B-Co Nanoparticles in Alkaline Media. <i>Catalysts</i> , 2019, 9, 749.	1.6	16
1093	Skip Connection U-Net for White Matter Hyperintensities Segmentation From MRI. <i>IEEE Access</i> , 2019, 7, 155194-155202.	2.6	31
1094	Early renal dysfunction and fibroblast growth factor-23 in patients with small vessel disease-related stroke. <i>Scientific Reports</i> , 2019, 9, 15410.	1.6	6
1095	Cerebral Small Vessel Disease Associated with Subclinical Vascular Damage Indicators in Asymptomatic Hypertensive Patients. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2019, 9, 91.	1.0	4
1096	Fractal dimension of cerebral white matter: A consistent feature for prediction of the cognitive performance in patients with small vessel disease and mild cognitive impairment. <i>NeuroImage: Clinical</i> , 2019, 24, 101990.	1.4	30
1097	Image processing approaches to enhance perivascular space visibility and quantification using MRI. <i>Scientific Reports</i> , 2019, 9, 12351.	1.6	67
1098	Correlation Between the Number of Lenticulostriate Arteries and Imaging of Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 2019, 10, 882.	1.1	9
1099	Patientsâ€™ responses to incidentally discovered silent brain infarcts â€“ a qualitative study. <i>Journal of Patient-Reported Outcomes</i> , 2019, 3, 23.	0.9	5
1100	Prevalence and Risk Factors of Brain Infarcts and Associations With Cognitive Performance in Tenants of Marginal Housing. <i>Journal of the American Heart Association</i> , 2019, 8, e011412.	1.6	11
1101	Enlarged Perivascular Spaces and Cerebral Small Vessel Disease in Spontaneous Intracerebral Hemorrhage Patients. <i>Frontiers in Neurology</i> , 2019, 10, 881.	1.1	12
1102	Brain Structural Correlates of Odor Identification in Mild Cognitive Impairment and Alzheimerâ€™s Disease Revealed by Magnetic Resonance Imaging and a Chinese Olfactory Identification Test. <i>Frontiers in Neuroscience</i> , 2019, 13, 842.	1.4	20
1103	Can transcranial Doppler ultrasound be used for screening cerebral small vessel diseases in the community?. <i>Journal of the Neurological Sciences</i> , 2019, 406, 116439.	0.3	2
1104	Cerebral Small Vessel Disease Burden Is Associated With Accelerated Poststroke Cognitive Decline: A 1-Year Follow-Up Study. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2019, 32, 336-343.	1.2	18
1105	Spatial Gradient of Microstructural Changes in Normal-Appearing White Matter in Tracts Affected by White Matter Hyperintensities in Older Age. <i>Frontiers in Neurology</i> , 2019, 10, 784.	1.1	30
1106	Basilar Artery Tortuosity Is Associated With White Matter Hyperintensities by TIMP-1. <i>Frontiers in Neuroscience</i> , 2019, 13, 836.	1.4	15
1107	High-degree centrum semiovale-perivascular spaces are associated with development of subdural fluid in mild traumatic brain injury. <i>PLoS ONE</i> , 2019, 14, e0221788.	1.1	6

#	ARTICLE	IF	CITATIONS
1108	Genetic Factors of Cerebral Small Vessel Disease and Their Potential Clinical Outcome. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4298.	1.8	25
1109	&lt;p&gt;Small vessel disease to subcortical dementia: a dynamic model, which interfaces aging, cholinergic dysregulation and the neurovascular unit&lt;/p&gt;. <i>Vascular Health and Risk Management</i> , 2019, Volume 15, 259-281.	1.0	50
1110	Cerebral Microbleeds Correlated with White Matter and Hippocampal Volumes in Community-Dwelling Populations. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 559-567.	1.2	6
1111	Extent to Which Network Hubs Are Affected by Ischemic Stroke Predicts Cognitive Recovery. <i>Stroke</i> , 2019, 50, 2768-2774.	1.0	34
1112	Stroke atlas of the brain: Voxel-wise density-based clustering of infarct lesions topographic distribution. <i>NeuroImage: Clinical</i> , 2019, 24, 101981.	1.4	16
1113	Preexisting Cerebral Abnormalities and Functional Outcomes After Acute Ischemic Stroke. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2019, 32, 327-335.	1.2	9
1114	Long-range fibre damage in small vessel brain disease affects aphasia severity. <i>Brain</i> , 2019, 142, 3190-3201.	3.7	40
1115	Biomarkers of Human Aging. <i>Healthy Ageing and Longevity</i> , 2019, , .	0.2	11
1116	Mixed-Location Cerebral Microbleeds: An Imaging Biomarker for Cerebrovascular Pathology in Cognitive Impairment and Dementia in a Memory Clinic Population. <i>Journal of Alzheimer's Disease</i> , 2019, 71, 1309-1320.	1.2	17
1117	Reduced Venous Oxygen Saturation Associates With Increased Dependence of Patients With Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. <i>Stroke</i> , 2019, 50, 3128-3134.	1.0	3
1118	Neurocognitive impairment in type 2 diabetes mellitus. <i>Hormones</i> , 2019, 18, 523-534.	0.9	33
1119	Advancing diagnostic criteria for sporadic cerebral amyloid angiopathy: Study protocol for a multicenter MRI-pathology validation of Boston criteria v2.0. <i>International Journal of Stroke</i> , 2019, 14, 956-971.	2.9	39
1120	Diffusion-Weighted Imaging Patterns According to the Right-to-Left Shunt Amount in Cryptogenic Stroke. <i>Cerebrovascular Diseases</i> , 2019, 48, 45-52.	0.8	13
1121	Enlarged Perivascular Spaces and Dementia: A Systematic Review. <i>Journal of Alzheimer's Disease</i> , 2019, 72, 247-256.	1.2	29
1123	ADMA as a possible marker of endothelial damage. A study in young asymptomatic patients with cerebral small vessel disease. <i>Scientific Reports</i> , 2019, 9, 14207.	1.6	24
1124	Role of Biological Markers for Cerebral Bleeding Risk STRATification in Patients with Atrial Fibrillation on Oral Anticoagulants for Primary or Secondary Prevention of Ischemic Stroke (Strat-AF) Tj ETQq1 1 0.784314 rgBT /Over	1.0	3
1125	The role of small diffusion-weighted imaging lesions in cerebral small vessel disease. <i>Neurology</i> , 2019, 93, 10.1212/WNL.0000000000008364.	1.5	14
1126	Small vessel disease in patients with subarachnoid hemorrhage: Prevalence and associations with vasospasm occurrence, severity and clinical outcomes. <i>Neuroradiology Journal</i> , 2019, 32, 438-444.	0.6	3

#	ARTICLE	IF	CITATIONS
1127	Amyloid and cerebrovascular burden divergently influence brain functional network changes over time. <i>Neurology</i> , 2019, 93, e1514-e1525.	1.5	16
1128	Cognition in Vascular Aging and Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2019, 72, 55-70.	1.2	8
1129	Special topic section: linkages among cerebrovascular, cardiovascular, and cognitive disorders: Preventing dementia by preventing stroke: The Berlin Manifesto. <i>International Journal of Stroke</i> , 2019, , 174749301987191.	2.9	13
1130	Location-specific characteristics of perivascular spaces as the brain's interstitial fluid drainage system. <i>Journal of the Neurological Sciences</i> , 2019, 398, 9-15.	0.3	11
1131	Alterations of White Matter Integrity in Subcortical Ischemic Vascular Disease with and Without Cognitive Impairment: a TBSS Study. <i>Journal of Molecular Neuroscience</i> , 2019, 67, 595-603.	1.1	13
1132	Clinical associations of T2-weighted lesion load and lesion location in small vessel disease: Insights from a large prospective cohort study. <i>NeuroImage</i> , 2019, 189, 727-733.	2.1	15
1133	Motor cortex hypointensity on susceptibility-weighted imaging: a potential imaging marker of iron accumulation in patients with cognitive impairment. <i>Neuroradiology</i> , 2019, 61, 675-683.	1.1	11
1134	Analysis of the relationship between the gut microbiome and dementia: a cross-sectional study conducted in Japan. <i>Scientific Reports</i> , 2019, 9, 1008.	1.6	138
1135	Blood-Brain Barrier Leakage and Microvascular Lesions in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2019, 50, 328-335.	1.0	58
1136	Dementia: new vistas and opportunities. <i>Neurological Sciences</i> , 2019, 40, 763-767.	0.9	9
1137	Predictors of new remote cerebral microbleeds after IV thrombolysis for ischemic stroke. <i>Neurology</i> , 2019, 92, e630-e638.	1.5	17
1138	Prognostic relevance of cortical superficial siderosis in cerebral amyloid angiopathy. <i>Neurology</i> , 2019, 92, e792-e801.	1.5	40
1139	Microangiopathy underlying mixed-location intracerebral hemorrhages/microbleeds. <i>Neurology</i> , 2019, 92, e774-e781.	1.5	63
1140	Hematoma location and morphology of anticoagulation-associated intracerebral hemorrhage. <i>Neurology</i> , 2019, 92, e782-e791.	1.5	9
1141	Magnetic Resonance Imaging of Cerebral Small Vessel Disease in Men Living with HIV and HIV-Negative Men Aged 50 and Above. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 453-460.	0.5	13
1142	Convolutional Neural Networks for Direct Inference of Pharmacokinetic Parameters: Application to Stroke Dynamic Contrast-Enhanced MRI. <i>Frontiers in Neurology</i> , 2018, 9, 1147.	1.1	43
1143	Brain Morphometry and Longitudinal Relaxation Time of Spontaneously Hypertensive Rats (SHRs) in Early and Intermediate Stages of Hypertension Investigated by 3D VFA-SPGR MRI. <i>Neuroscience</i> , 2019, 404, 14-26.	1.1	23
1144	Incidental findings on brain MRI among Chinese at the age of 55-65 years: the Taizhou Imaging Study. <i>Scientific Reports</i> , 2019, 9, 464.	1.6	24

#	ARTICLE	IF	CITATIONS
1145	Prior Antithrombotic Therapy Is Associated With Cerebral Microbleeds in Ischemic Stroke Patients With Atrial Fibrillation and/or Rheumatic Heart Disease. <i>Frontiers in Neurology</i> , 2019, 9, 1184.	1.1	3
1146	Cerebral Amyloid Angiopathy. , 2019, , 32-41.		0
1147	Risk Factors for and Clinical Relevance of Incident and Progression of Cerebral Small Vessel Disease Markers in an Asian Memory Clinic Population. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 1209-1219.	1.2	38
1148	The emerging genetic landscape of cerebral white matter hyperintensities. <i>Neurology</i> , 2019, 92, 355-356.	1.5	3
1149	Genetic variation in <i>PLEKHG1</i> is associated with white matter hyperintensities (n = 11,226). <i>Neurology</i> , 2019, 92, e749-e757.	1.5	47
1150	Correlation Between Intracranial Arterial Calcification and Imaging of Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 2019, 10, 426.	1.1	28
1151	The relationship between blood-brain barrier permeability and enlarged perivascular spaces: a cross-sectional study. <i>Clinical Interventions in Aging</i> , 2019, Volume 14, 871-878.	1.3	37
1152	Neuroimaging signatures of cerebral small vessel disease and risk of falls in stroke-free older adults living in rural Ecuador. <i>The Atahualpa Project. Journal of the Neurological Sciences</i> , 2019, 402, 133-135.	0.3	4
1153	Small Vessel Disease. , 2019, , 1-35.		0
1154	Kidney Dysfunction Impact on White Matter Hyperintensity Volume in Neurologically Healthy Adults. <i>Scientific Reports</i> , 2019, 9, 8596.	1.6	10
1155	Assessment of lesions on magnetic resonance imaging in multiple sclerosis: practical guidelines. <i>Brain</i> , 2019, 142, 1858-1875.	3.7	303
1156	Incident Cerebral Microbleeds After Intracerebral Hemorrhage. <i>Stroke</i> , 2019, 50, 2227-2230.	1.0	6
1157	Automatic identification of atherosclerosis subjects in a heterogeneous MR brain imaging data set. <i>Magnetic Resonance Imaging</i> , 2019, 62, 18-27.	1.0	10
1158	Cortical Microinfarcts and White Matter Connectivity in Memory Clinic Patients. <i>Frontiers in Neurology</i> , 2019, 10, 571.	1.1	8
1159	Association Between Cerebral Small Vessel Disease and Central Motor Conduction Time in Patients with Vascular Risk. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 2343-2350.	0.7	9
1160	Characterizing a perfusion-based periventricular small vessel region of interest. <i>NeuroImage: Clinical</i> , 2019, 23, 101897.	1.4	28
1161	Total Burden of Cerebral Small Vessel Disease in Recurrent ICH versus First-ever ICH. , 2019, 10, 570.		19
1162	Cerebral Small Vessel Disease and Enlarged Perivascular Spaces-Data From Memory Clinic and Population-Based Settings. <i>Frontiers in Neurology</i> , 2019, 10, 669.	1.1	16

#	ARTICLE	IF	CITATIONS
1163	Quantifying effects of radiotherapy-induced microvascular injury; review of established and emerging brain MRI techniques. <i>Radiotherapy and Oncology</i> , 2019, 140, 41-53.	0.3	29
1164	Synergistic effect of hypertension and smoking on the total small vessel disease score in healthy individuals: the Kashima scan study. <i>Hypertension Research</i> , 2019, 42, 1738-1744.	1.5	11
1165	CNS small vessel disease. <i>Neurology</i> , 2019, 92, 1146-1156.	1.5	343
1166	Treatment Approaches to Lacunar Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 2055-2078.	0.7	28
1167	White Matter Hyperintensities Predict Cognitive Decline: A Community-Based Study. <i>Canadian Journal of Neurological Sciences</i> , 2019, 46, 383-388.	0.3	11
1168	Pathophysiology of Lacunar Stroke: History's Mysteries and Modern Interpretations. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 2079-2097.	0.7	45
1169	Branch atheromatous disease diagnosed as embolic stroke of undetermined source: A sub-analysis of NAVIGATE ESUS. <i>International Journal of Stroke</i> , 2019, 14, 915-922.	2.9	22
1170	Brain vascular changes in adults with congenital heart disease: A systematic review. <i>NeuroImage: Clinical</i> , 2019, 23, 101873.	1.4	7
1171	Cerebellar Microbleed Distribution Patterns and Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2019, 50, 1727-1733.	1.0	41
1172	Reduced Upper Limb Recovery in Subcortical Stroke Patients With Small Prior Radiographic Stroke. <i>Frontiers in Neurology</i> , 2019, 10, 454.	1.1	8
1173	Intracerebral hemorrhage: an update on diagnosis and treatment. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 679-694.	1.4	186
1174	Medial Temporal Atrophy in Amyloid-Negative Amnesic Type Dementia Is Associated with High Cerebral White Matter Hyperintensity. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 99-106.	1.2	7
1175	White matter hyperintensity quantification in large-scale clinical acute ischemic stroke cohorts – The MRI-GENIE study. <i>NeuroImage: Clinical</i> , 2019, 23, 101884.	1.4	48
1176	Age-dependent association of white matter abnormality with cognition after TIA or minor stroke. <i>Neurology</i> , 2019, 93, e272-e282.	1.5	27
1177	Cerebral microbleeds are not associated with postoperative delirium and postoperative cognitive dysfunction in older individuals. <i>PLoS ONE</i> , 2019, 14, e0218411.	1.1	8
1178	Advances in cerebral amyloid angiopathy imaging. <i>Therapeutic Advances in Neurological Disorders</i> , 2019, 12, 175628641984411.	1.5	24
1179	A Post-hoc Study of D-Amino Acid Oxidase in Blood as an Indicator of Post-stroke Dementia. <i>Frontiers in Neurology</i> , 2019, 10, 402.	1.1	10
1180	Effects of antiplatelet therapy on stroke risk by brain imaging features of intracerebral haemorrhage and cerebral small vessel diseases: subgroup analyses of the RESTART randomised, open-label trial. <i>Lancet Neurology</i> , The, 2019, 18, 643-652.	4.9	68

#	ARTICLE	IF	CITATIONS
1181	Decreased CSF Levels of $\beta$ -Amyloid in Patients With Cortical Superficial Siderosis. <i>Frontiers in Neurology</i> , 2019, 10, 439.	1.1	8
1182	Brain White Matter Hyperintensity Lesion Characterization in T2 Fluid-Attenuated Inversion Recovery Magnetic Resonance Images: Shape, Texture, and Potential Growth. <i>Frontiers in Neuroscience</i> , 2019, 13, 353.	1.4	14
1183	Finger-Like Projections in Lobar Haemorrhage on Early Magnetic Resonance Imaging Is Associated with Probable Cerebral Amyloid Angiopathy. <i>Cerebrovascular Diseases</i> , 2019, 47, 121-126.	0.8	8
1184	Prevalence of White Matter Hyperintensity in Young Clinical Patients. <i>American Journal of Roentgenology</i> , 2019, 213, 667-671.	1.0	18
1185	Progression of brain white matter hyperintensities in asymptomatic patients with carotid atherosclerotic plaques and no indication for revascularization. <i>Atherosclerosis</i> , 2019, 287, 171-178.	0.4	14
1186	Pharmacotherapy for Patients with Atrial Fibrillation and Cerebral Microbleeds. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 2159-2167.	0.7	9
1187	Are morphologic features of recent small subcortical infarcts related to specific etiologic aspects?. <i>Therapeutic Advances in Neurological Disorders</i> , 2019, 12, 175628641983571.	1.5	8
1188	The effect of small vessel disease on motor and cognitive function in Parkinson's disease. <i>Clinical Neurology and Neurosurgery</i> , 2019, 182, 58-62.	0.6	35
1189	Enlarged basal ganglia perivascular spaces and sleep parameters. A population-based study. <i>Clinical Neurology and Neurosurgery</i> , 2019, 182, 53-57.	0.6	37
1190	Small vessel disease: mechanisms and clinical implications. <i>Lancet Neurology</i> , The, 2019, 18, 684-696.	4.9	853
1191	Increased Plasma VEGF Levels in Patients with Cerebral Large Artery Disease Are Associated with Cerebral Microbleeds. <i>Cerebrovascular Diseases Extra</i> , 2019, 9, 25-30.	0.5	1
1192	Chronic Cortical Cerebral Microinfarcts Slow Down Cognitive Recovery After Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 1430-1436.	1.0	15
1193	Is retinal vasculature a biomarker in amyloid proven Alzheimer's disease?. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 383-391.	1.2	53
1194	Resumption of oral anticoagulation after spontaneous intracerebral hemorrhage. <i>Neurological Research and Practice</i> , 2019, 1, 12.	1.0	24
1195	MRI predicts intracranial hemorrhage in patients who receive long-term oral anticoagulation. <i>Neurology</i> , 2019, 92, e2432-e2443.	1.5	44
1196	The Meta VCI Map consortium for meta-analyses on strategic lesion locations for vascular cognitive impairment using lesion-symptom mapping: Design and multicenter pilot study. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 310-326.	1.2	26
1197	Tolerability, safety and intermediary pharmacological effects of cilostazol and isosorbide mononitrate, alone and combined, in patients with lacunar ischaemic stroke: The LACunar Intervention-1 (LACI-1) trial, a randomised clinical trial. <i>EclinicalMedicine</i> , 2019, 11, 34-43.	3.2	36
1198	Total Cerebral Small Vessel Disease Burden Is Related to Worse Performance on the Mini-Mental State Examination and Incident Dementia: A Prospective 5-Year Follow-Up. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 253-262.	1.2	28

#	ARTICLE	IF	CITATIONS
1199	Impaired dynamic cerebral autoregulation in patients with cerebral amyloid angiopathy. <i>Brain Research</i> , 2019, 1717, 60-65.	1.1	11
1200	Cross-position activity recognition with stratified transfer learning. <i>Pervasive and Mobile Computing</i> , 2019, 57, 1-13.	2.1	59
1201	Neurochemical Aspects of Poststroke Dementia. , 2019, , 39-72.		0
1202	Neurochemical Aspects of Vascular Dementia. , 2019, , 151-181.		0
1203	Retinal microvasculature and cerebral small vessel disease in the Lothian Birth Cohort 1936 and Mild Stroke Study. <i>Scientific Reports</i> , 2019, 9, 6320.	1.6	49
1204	Cerebral Small Vessel Disease and Stage 1 Hypertension Defined by the 2017 American College of Cardiology/American Heart Association Guidelines. <i>Hypertension</i> , 2019, 73, 1210-1216.	1.3	17
1205	Hypertension, seizures, and epilepsy: a review on pathophysiology and management. <i>Neurological Sciences</i> , 2019, 40, 1775-1783.	0.9	51
1206	Relationship between stroke severity, extensity of leukoaraiosis, and brain atrophy in patients with ischaemic stroke. <i>Polish Journal of Radiology</i> , 2019, 84, 80-85.	0.5	3
1207	Cortical microinfarcts in patients with multiple lobar microbleeds on 3T MRI. <i>Journal of Neurology</i> , 2019, 266, 1887-1896.	1.8	14
1208	Microbleeds of Lacunar Infarction and Middle Cerebral Artery Flow Velocity of Branch Atheromatous Disease Are Essential Factors of Stroke Etiology. <i>European Neurology</i> , 2019, 81, 19-23.	0.6	3
1209	Factors Associated with Leukoaraiosis Severity in Acute Stroke Patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1897-1901.	0.7	13
1210	Quantifying blood-brain barrier leakage in small vessel disease: Review and consensus recommendations. <i>Alzheimer's and Dementia</i> , 2019, 15, 840-858.	0.4	134
1211	Nonparenchymal fluid is the source of increased mean diffusivity in preclinical Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 348-354.	1.2	11
1212	Does Small Vessel Disease Burden Impact Collateral Circulation in Ischemic Stroke Treated by Mechanical Thrombectomy?. <i>Stroke</i> , 2019, 50, 1582-1585.	1.0	18
1213	The Altered Reconfiguration Pattern of Brain Modular Architecture Regulates Cognitive Function in Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 2019, 10, 324.	1.1	27
1214	Subarachnoid and Subdural Hemorrhages in Lobar Intracerebral Hemorrhage Associated With Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2019, 50, 1567-1569.	1.0	13
1215	Plasma Metabolites Associated with Brain MRI Measures of Neurodegeneration in Older Adults in the Atherosclerosis Risk in Communities Neurocognitive Study (ARIC-NCS). <i>International Journal of Molecular Sciences</i> , 2019, 20, 1744.	1.8	7
1216	Mathematical modeling for the prediction of cerebral white matter lesions based on clinical examination data. <i>PLoS ONE</i> , 2019, 14, e0215142.	1.1	8



#	ARTICLE	IF	CITATIONS
1217	Exploring causal pathways linking cerebral small vessel diseases burden to poststroke depressive symptoms with structural equation model analysis. <i>Journal of Affective Disorders</i> , 2019, 253, 218-223.	2.0	4
1218	Clinical, neuroimaging and immunological phenotype of South African neuropsychiatric systemic lupus erythematosus patients. <i>Lupus</i> , 2019, 28, 685-694.	0.8	1
1219	Pulse Wave Velocity in Atherosclerosis. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 41.	1.1	226
1220	Consecutive Slides on Axial View Is More Effective Than Transversal Diameter to Differentiate Mechanisms of Single Subcortical Infarctions in the Lenticulostriate Artery Territory. <i>Frontiers in Neurology</i> , 2019, 10, 336.	1.1	2
1221	How Do Different Forms of Vascular Brain Injury Relate to Cognition in a Memory Clinic Population: The TRACE-VCI Study. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 1273-1286.	1.2	4
1222	Thrombolysis Works in Lacunar Infarct, Complicating Imaging Selection. <i>JAMA Neurology</i> , 2019, 76, 637.	4.5	1
1223	Functional Outcome of Intravenous Thrombolysis in Patients With Lacunar Infarcts in the WAKE-UP Trial. <i>JAMA Neurology</i> , 2019, 76, 641.	4.5	63
1224	Association between white matter lesions and cerebral glucose metabolism in patients with cognitive impairment. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2019, 38, 160-166.	0.1	7
1225	Effect of Enzyme Replacement Therapy on Basilar Artery Diameter in Male Patients With Fabry Disease. <i>Stroke</i> , 2019, 50, 1010-1012.	1.0	9
1226	MRI-detected brain lesions in AF patients without further stroke risk factors undergoing ablation - a retrospective analysis of prospective studies. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 58.	0.7	8
1227	Standardized Assessment of Automatic Segmentation of White Matter Hyperintensities and Results of the WMH Segmentation Challenge. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 2556-2568.	5.4	165
1228	Identification of the presence of ischaemic stroke lesions by means of texture analysis on brain magnetic resonance images. <i>Computerized Medical Imaging and Graphics</i> , 2019, 74, 12-24.	3.5	42
1229	Cognitive consequences of regression of cerebral small vessel disease. <i>European Stroke Journal</i> , 2019, 4, 85-89.	2.7	12
1230	Longitudinal Brain Atrophy Rates in Transient Ischemic Attack and Minor Ischemic Stroke Patients and Cognitive Profiles. <i>Frontiers in Neurology</i> , 2019, 10, 18.	1.1	15
1231	Multiple Visual Rating Scales Based on Structural MRI and a Novel Prediction Model Combining Visual Rating Scales and Age Stratification in the Diagnosis of Alzheimer's Disease in the Chinese Population. <i>Frontiers in Neurology</i> , 2019, 10, 93.	1.1	13
1232	IL-1 $\beta$ and IL-6 predict vascular events or death in patients with cerebral small vessel disease—Data from the SHEF-CSVD study. <i>Advances in Medical Sciences</i> , 2019, 64, 258-266.	0.9	17
1233	Effect of small-vessel disease on cognitive trajectory after atrial fibrillation-related ischaemic stroke or ÁTIA. <i>Journal of Neurology</i> , 2019, 266, 1250-1259.	1.8	19
1234	Perivascular spaces contribute to cognition beyond other small vessel disease markers. <i>Neurology</i> , 2019, 92, e1309-e1321.	1.5	63

#	ARTICLE	IF	CITATIONS
1235	A 9-Year Longitudinal Study of Basilar Artery Diameter. <i>Journal of the American Heart Association</i> , 2019, 8, e011154.	1.6	1
1236	Relationships of Overt and Silent Brain Lesions With Cognitive Function in Patients With Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2019, 73, 989-999.	1.2	148
1237	The global burden of cerebral small vessel disease related to neurological deficit severity and clinical outcomes of acute ischemic stroke after IV rt-PA treatment. <i>Neurological Sciences</i> , 2019, 40, 1157-1166.	0.9	27
1238	Vascular Mild Cognitive Impairment: Identifying Disease in Community-Dwelling Older Adults, Reducing Risk Factors, and Providing Support. The Osaki-Tajiri and Kurihara Projects. <i>Journal of Alzheimer's Disease</i> , 2019, 70, S293-S302.	1.2	14
1239	Characterization of White Matter Hyperintensities in Large-Scale MRI-Studies. <i>Frontiers in Neurology</i> , 2019, 10, 238.	1.1	71
1240	Multi-atlas based detection and localization (MADL) for location-dependent quantification of white matter hyperintensities. <i>NeuroImage: Clinical</i> , 2019, 22, 101772.	1.4	13
1241	Progression of White Matter Injury After Intracerebral Hemorrhage: A Magnetic Resonance Imaging Study. <i>World Neurosurgery</i> , 2019, 126, e534-e544.	0.7	1
1242	Clinical relevance of acute cerebral microinfarcts in vascular cognitive impairment. <i>Neurology</i> , 2019, 92, e1558-e1566.	1.5	24
1243	Adult-Life Occupational Exposures: Enriched Environment or a Stressor for the Aging Brain?. <i>Work, Aging and Retirement</i> , 2019, 5, 3-23.	3.0	8
1244	Longitudinal multi-centre brain imaging studies: guidelines and practical tips for accurate and reproducible imaging endpoints and data sharing. <i>Trials</i> , 2019, 20, 21.	0.7	9
1245	Association of variants in <i>HTRA1</i> and <i>NOTCH3</i> with MRI-defined extremes of cerebral small vessel disease in older subjects. <i>Brain</i> , 2019, 142, 1009-1023.	3.7	37
1246	Harmonizing brain magnetic resonance imaging methods for vascular contributions to neurodegeneration. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 191-204.	1.2	65
1247	Age-Specific Associations of Renal Impairment and Cerebral Small Vessel Disease Burden in Chinese with Ischaemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1274-1280.	0.7	5
1248	Normal Aging Brain Collection Amsterdam (NABCA): A comprehensive collection of postmortem high-field imaging, neuropathological and morphometric datasets of non-neurological controls. <i>NeuroImage: Clinical</i> , 2019, 22, 101698.	1.4	25
1249	Distinctive and Pervasive Alterations of Functional Brain Networks in Cerebral Small Vessel Disease with and without Cognitive Impairment. <i>Dementia and Geriatric Cognitive Disorders</i> , 2019, 47, 55-67.	0.7	27
1250	Blood-brain barrier impairment and hypoperfusion are linked in cerebral small vessel disease. <i>Neurology</i> , 2019, 92, e1669-e1677.	1.5	126
1251	Deep/mixed cerebral microbleeds are associated with cognitive dysfunction through thalamocortical connectivity disruption: The Taizhou Imaging Study. <i>NeuroImage: Clinical</i> , 2019, 22, 101749.	1.4	16
1252	Brain magnetic resonance imaging in imported malaria. <i>Malaria Journal</i> , 2019, 18, 74.	0.8	8

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1253	Cortical Superficial Siderosis Evolution. <i>Stroke</i> , 2019, 50, 954-962.	1.0	18
1254	Small vessel disease and clinical outcomes after endovascular treatment in acute ischemic stroke. <i>Neurological Sciences</i> , 2019, 40, 1227-1235.	0.9	13
1255	Interarm Blood Pressure Difference has Various Associations with the Presence and Burden of Cerebral Small-Vessel Diseases in Noncardioembolic Stroke Patients. <i>Journal of Clinical Neurology</i>		

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1271	WMH and long-term outcomes in ischemic stroke. <i>Neurology</i> , 2019, 92, e1298-e1308.	1.5	163
1272	Perivascular spaces and their associations with risk factors, clinical disorders and neuroimaging features: A systematic review and meta-analysis. <i>International Journal of Stroke</i> , 2019, 14, 359-371.	2.9	123
1273	Structural brain network measures are superior to vascular burden scores in predicting early cognitive impairment in post stroke patients with small vessel disease. <i>NeuroImage: Clinical</i> , 2019, 22, 101712.	1.4	39
1274	Highly accelerated volumetric brain examination using optimized waveCAIPI encoding. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 961-974.	1.9	44
1275	Apathy is associated with large-scale white matter network disruption in small vessel disease. <i>Neurology</i> , 2019, 92, e1157-e1167.	1.5	40
1276	Association between remote diffusion-weighted imaging lesions and cerebral small vessel disease in primary intracerebral hemorrhage. <i>European Journal of Neurology</i> , 2019, 26, 961-968.	1.7	12
1277	Non-alcoholic fatty liver disease and cerebral small vessel disease in Korean cognitively normal individuals. <i>Scientific Reports</i> , 2019, 9, 1814.	1.6	21
1278	The Clinical Phenotype of Vascular Cognitive Impairment in Patients with Type 2 Diabetes Mellitus. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 311-322.	1.2	16
1279	Vascular Burden Score Impacts Cognition Independent of Amyloid PET and MRI Measures of Alzheimer's Disease and Vascular Brain Injury. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 187-196.	1.2	25
1280	Parity As a Protective Biomarker Against Silent Brain Infarction in Community-Dwelling Older Adults: The Sefuri Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 702-709.	0.7	4
1281	Cortical superficial siderosis and recurrent intracerebral hemorrhage risk in cerebral amyloid angiopathy: Large prospective cohort and preliminary meta-analysis. <i>International Journal of Stroke</i> , 2019, 14, 723-733.	2.9	39
1282	Cortical Cerebral Microinfarcts on 3T Magnetic Resonance Imaging in Patients With Carotid Artery Stenosis. <i>Stroke</i> , 2019, 50, 639-644.	1.0	31
1283	Nociceptive Primitive Reflexes in Neurologically and Cognitively Healthy Aging Subjects. <i>Canadian Journal of Neurological Sciences</i> , 2019, 46, 199-208.	0.3	4
1284	Midlife Smaller and Larger Infarctions, White Matter Hyperintensities, and 20-Year Cognitive Decline. <i>Annals of Internal Medicine</i> , 2019, 171, 389.	2.0	15
1285	Potential missed opportunities to prevent ischaemic stroke: prospective multicentre cohort study of atrial fibrillation-associated ischaemic stroke and TIA. <i>BMJ Open</i> , 2019, 9, e028387.	0.8	3
1286	Asociación entre daÑos en la sustancia blanca y metabolismo de la glucosa cerebral en pacientes con disfunción cognitiva. <i>Revista Espanola De Medicina Nuclear E Imagen Molecular</i> , 2019, 38, 160-166.	0.0	8
1287	On the Association Between Sleep Quality and Arterial Stiffness: A Population Study in Community-Dwelling Older Adults Living in Rural Ecuador (The Atahualpa Project). <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 1101-1106.	1.4	9
1288	Oxygenation differs among white matter hyperintensities, intersected fiber tracts and unaffected white matter. <i>Brain Communications</i> , 2019, 1, fcz033.	1.5	21

#	ARTICLE	IF	CITATIONS
1289	Additive effect of cerebral atrophy on cognition in dementia-free elderly with cerebrovascular disease. <i>Stroke and Vascular Neurology</i> , 2019, 4, 135-140.	1.5	7
1290	Sex-specific differences in white matter microvascular integrity after ischaemic stroke. <i>Stroke and Vascular Neurology</i> , 2019, 4, 198-205.	1.5	9
1291	Cortical superficial siderosis and bleeding risk in cerebral amyloid angiopathy. <i>Neurology</i> , 2019, 93, e2192-e2202.	1.5	54
1292	Peak width of skeletonized mean diffusivity and its association with age-related cognitive alterations and vascular risk factors. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 721-729.	1.2	18
1293	Hypertension and Its Impact on Stroke Recovery: From a Vascular to a Parenchymal Overview. <i>Neural Plasticity</i> , 2019, 2019, 1-14.	1.0	23
1294	Performance of five automated white matter hyperintensity segmentation methods in a multicenter dataset. <i>Scientific Reports</i> , 2019, 9, 16742.	1.6	38
1295	Endothelial dysfunction on cerebral small vessel disease. <i>Journal of the Neurological Sciences</i> , 2019, 405, 71.	0.3	0
1296	Resting State BOLD Variability Is Linked to White Matter Vascular Burden in Healthy Aging but Not in Older Adults With Subjective Cognitive Decline. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 429.	1.0	14
1297	Anti epileptic drug treatment in refractory epilepsies. <i>Journal of the Neurological Sciences</i> , 2019, 405, 71.	0.3	0
1298	Autophagy and mitophagy biomarkers are reduced in sera of patients with Alzheimer's disease and mild cognitive impairment. <i>Scientific Reports</i> , 2019, 9, 20009.	1.6	66
1299	Clinical and neuroimaging disparity between Chinese and German patients with cerebral small vessel disease: a comparative study. <i>Scientific Reports</i> , 2019, 9, 20015.	1.6	10
1300	The relationship between the gut microbiome and mild cognitive impairment in patients without dementia: a cross-sectional study conducted in Japan. <i>Scientific Reports</i> , 2019, 9, 19227.	1.6	84
1301	New approach of sleep disorders. <i>Journal of the Neurological Sciences</i> , 2019, 405, 70-71.	0.3	0
1302	Neuroimaging in Vascular Parkinsonism. <i>Current Neurology and Neuroscience Reports</i> , 2019, 19, 102.	2.0	12
1303	Blood brain barrier leakage is not a consistent feature of white matter lesions in CADASIL. <i>Acta Neuropathologica Communications</i> , 2019, 7, 187.	2.4	36
1304	Measuring the Interaction Between the Macro- and Micro-Vasculature. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 169.	1.1	31
1305	B Vitamins and Fatty Acids: What Do They Share with Small Vessel Disease-Related Dementia?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5797.	1.8	34
1306	Brief Report: Impact of ART Classes on the Increasing Risk of Cerebral Small-Vessel Disease in Middle-Aged, Well-Controlled, cART-Treated, HIV-Infected Individuals. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019, 81, 547-551.	0.9	7

#	ARTICLE	IF	CITATIONS
1307	Application of an Imaging-Based Sum Score for Cerebral Amyloid Angiopathy to the General Population: Risk of Major Neurological Diseases and Mortality. <i>Frontiers in Neurology</i> , 2019, 10, 1276.	1.1	10
1308	Adiposity is related to cerebrovascular and brain volumetry outcomes in the RUN DMC study. <i>Neurology</i> , 2019, 93, e864-e878.	1.5	33
1309	Interactions between sleep disturbances and Alzheimer's disease on brain function: a preliminary study combining the static and dynamic functional MRI. <i>Scientific Reports</i> , 2019, 9, 19064.	1.6	20
1310	HIV infection and cerebral small vessel disease are independently associated with brain atrophy and cognitive impairment. <i>Aids</i> , 2019, 33, 1197-1205.	1.0	41
1311	Functional brain connectome and its relation to mild cognitive impairment in cerebral small vessel disease patients with thalamus lacunes. <i>Medicine (United States)</i> , 2019, 98, e17127.	0.4	15
1312	Acute imaging for evidence-based treatment of ischemic stroke. <i>Current Opinion in Neurology</i> , 2019, 32, 521-529.	1.8	29
1313	Differential Impact of Plasma Homocysteine Levels on the Periventricular and Subcortical White Matter Hyperintensities on the Brain. <i>Frontiers in Neurology</i> , 2019, 10, 1174.	1.1	12
1314	Transient receptor potential vanilloid channels are involved in diminished myogenic tone in brain parenchymal arterioles in response to chronic hypoperfusion in mice. <i>Acta Physiologica</i> , 2019, 225, e13181.	1.8	6
1315	The Canadian Dementia Imaging Protocol: Harmonizing National Cohorts. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 456-465.	1.9	101
1316	The association between lacunes and white matter hyperintensity features on MRI: The SMART-MR study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2486-2496.	2.4	34
1317	A protocol for precise comparisons of small vessel disease lesions between ex vivo magnetic resonance imaging and histopathology. <i>International Journal of Stroke</i> , 2019, 14, 310-320.	2.9	14
1318	Cerebral and Extracerebral Vasoreactivity in Patients With Different Clinical Manifestations of Cerebral Small Vessel Disease: Data From the Significance of Hemodynamic and Hemostatic Factors in the Course of Different Manifestations of Cerebral Small Vessel Disease Study. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 975-987.	0.8	24
1319	Completeness of circle of Willis and white matter hyperintensities in patients with severe internal carotid artery stenosis. <i>Neurological Sciences</i> , 2019, 40, 509-514.	0.9	14
1320	Higher Pulsatility in Cerebral Perforating Arteries in Patients With Small Vessel Disease Related Stroke, a 7T MRI Study. <i>Stroke</i> , 2019, 50, 62-68.	1.0	65
1321	Visceral obesity relates to deep white matter hyperintensities via inflammation. <i>Annals of Neurology</i> , 2019, 85, 194-203.	2.8	106
1322	Acute ischaemic lesions are associated with cortical superficial siderosis in spontaneous intracerebral hemorrhage. <i>European Journal of Neurology</i> , 2019, 26, 660-666.	1.7	10
1323	Review of diffusion MRI studies in chronic white matter diseases. <i>Neuroscience Letters</i> , 2019, 694, 198-207.	1.0	43
1324	Clinical and MRI Features of Cerebral Small-Vessel Disease in Type 1 Diabetes. <i>Diabetes Care</i> , 2019, 42, 327-330.	4.3	24

#	ARTICLE	IF	CITATIONS
1325	Are Plasma Levels of Vascular Adhesion Protein-1 Associated Both with Cerebral Microbleeds in Multiple Sclerosis and Intracerebral Haemorrhages in Stroke?. <i>Thrombosis and Haemostasis</i> , 2019, 119, 175-178.	1.8	6
1326	Serum homocysteine level is related to cerebral small vessel disease in a healthy population. <i>Neurology</i> , 2019, 92, e317-e325.	1.5	49
1327	Left ventricular ejection fraction is associated with small vessel disease in ischaemic stroke patients. <i>European Journal of Neurology</i> , 2019, 26, 747-753.	1.7	12
1328	Small vessel disease and biomarkers of endothelial dysfunction after ischaemic stroke. <i>European Stroke Journal</i> , 2019, 4, 119-126.	2.7	32
1329	3D regression neural network for the quantification of enlarged perivascular spaces in brain MRI. <i>Medical Image Analysis</i> , 2019, 51, 89-100.	7.0	42
1330	Clinical and neuroimaging risk factors for cognitive decline in community-dwelling older adults living in rural Ecuador. A population-based prospective cohort study. <i>International Journal of Geriatric Psychiatry</i> , 2019, 34, 447-452.	1.3	10
1331	Brain atrophy and strategic lesion location increases risk of parkinsonism in cerebral small vessel disease. <i>Parkinsonism and Related Disorders</i> , 2019, 61, 94-100.	1.1	2
1332	Relationship between cerebral microbleeds and white matter MR hyperintensities in systemic lupus erythematosus: a retrospective observational study. <i>Neuroradiology</i> , 2019, 61, 265-274.	1.1	2
1333	Influence of Frailty on Cognitive Decline: A Population-Based Cohort Study in Rural Ecuador. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 213-216.	1.2	13
1334	Serum gamma-glutamyl transferase is associated with silent brain infarcts in a healthy population. <i>Atherosclerosis</i> , 2019, 280, 45-50.	0.4	9
1336	Arterial stiffness and total cerebral small vessel disease score in community-dwelling older adults: Results from the Atahualpa Project. <i>Vascular Medicine</i> , 2019, 24, 6-11.	0.8	7
1337	Reliability of fast magnetic resonance imaging for acute ischemic stroke patients using a 1.5-T scanner. <i>European Radiology</i> , 2019, 29, 2641-2650.	2.3	11
1338	MRI-based evaluation of structural degeneration in the ageing brain: Pathophysiology and assessment. <i>Ageing Research Reviews</i> , 2019, 49, 67-82.	5.0	41
1339	Arterial Hypertension and Cardiovascular Risk. , 2019, , 57-74.		0
1340	Greater progression of coronary artery calcification is associated with clinically relevant cognitive impairment in type 1 diabetes. <i>Atherosclerosis</i> , 2019, 280, 58-65.	0.4	9
1341	Circulating inflammatory biomarkers are related to cerebrovascular disease in older adults. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019, 6, e521.	3.1	36
1342	Potential retinal biomarkers for dementia: what is new?. <i>Current Opinion in Neurology</i> , 2019, 32, 82-91.	1.8	47
1343	Central Arterial Stiffness Is Associated With Structural Brain Damage and Poorer Cognitive Performance: The ARIC Study. <i>Journal of the American Heart Association</i> , 2019, 8, e011045.	1.6	59



#	ARTICLE	IF	CITATIONS
1344	Cognitive heterogeneity among community-dwelling older adults with cerebral small vessel disease. <i>Neurobiology of Aging</i> , 2019, 77, 183-193.	1.5	19
1345	Clinical Characteristics of Borderzone Infarction in Egyptian Population. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1178-1184.	0.7	2
1346	Cerebral small vessel disease in patients with spontaneous cerebellar hemorrhage. <i>Journal of Neurology</i> , 2019, 266, 625-630.	1.8	15
1347	Periodontal Ehlers-Danlos syndrome is associated with leukoencephalopathy. <i>Neurogenetics</i> , 2019, 20, 1-8.	0.7	21
1348	Vascular dysfunction—The disregarded partner of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 158-167.	0.4	454
1349	Characteristics of Acute Spontaneous Intracerebral Hemorrhage in Patients Receiving Oral Anticoagulants. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1007-1014.	0.7	8
1350	Blood-brain barrier breakdown is an early biomarker of human cognitive dysfunction. <i>Nature Medicine</i> , 2019, 25, 270-276.	15.2	987
1351	Prospective association of white matter hyperintensity volume and frailty in older adults. <i>Experimental Gerontology</i> , 2019, 118, 51-54.	1.2	33
1352	White matter hyperintensities and recurrent stroke risk in patients with stroke with small-vessel disease. <i>European Journal of Neurology</i> , 2019, 26, 911-918.	1.7	27
1353	Do Clinicians Overestimate the Severity of Intracerebral Hemorrhage?. <i>Stroke</i> , 2019, 50, 344-348.	1.0	713
1354	Selective atrophy of the connected deepest cortical layers following small subcortical infarct. <i>Neurology</i> , 2019, 92, e567-e575.	1.5	10
1355	Blood-Brain Barrier: From Physiology to Disease and Back. <i>Physiological Reviews</i> , 2019, 99, 21-78.	13.1	1,232
1356	Modelling the distribution of white matter hyperintensities due to ageing on MRI images using Bayesian inference. <i>NeuroImage</i> , 2019, 185, 434-445.	2.1	9
1357	Enlarged perivascular spaces in brain MRI: Automated quantification in four regions. <i>NeuroImage</i> , 2019, 185, 534-544.	2.1	77
1358	Investigating the Relationship between Cerebral Blood Flow and Cognitive Function in Hemodialysis Patients. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 147-158.	3.0	120
1359	Total MRI burden of cerebral vessel disease correlates with the progression in patients with acute single small subcortical strokes. <i>Brain and Behavior</i> , 2019, 9, e01173.	1.0	19
1360	Are serum autoantibodies associated with brain changes in systemic lupus erythematosus? MRI data from the Leiden NP-SLE cohort. <i>Lupus</i> , 2019, 28, 94-103.	0.8	22
1361	Effects of sartans and low-dose statins on cerebral white matter hyperintensities and cognitive function in older patients with hypertension: a randomized, double-blind and placebo-controlled clinical trial. <i>Hypertension Research</i> , 2019, 42, 717-729.	1.5	41

#	ARTICLE	IF	CITATIONS
1362	Myelin loss in white matter hyperintensities and normal-appearing white matter of cognitively impaired patients: a quantitative synthetic magnetic resonance imaging study. <i>European Radiology</i> , 2019, 29, 4914-4921.	2.3	30
1363	Memory decline in elderly with cerebral small vessel disease explained by temporal interactions between white matter hyperintensities and hippocampal atrophy. <i>Hippocampus</i> , 2019, 29, 500-510.	0.9	28
1364	Cerebral small vessel disease: neuroimaging markers and clinical implication. <i>Journal of Neurology</i> , 2019, 266, 2347-2362.	1.8	89
1365	Is hyperhomocysteinemia associated with the structural changes of the substantia nigra in Parkinson's disease? A two-year follow-up study. <i>Parkinsonism and Related Disorders</i> , 2019, 60, 46-50.	1.1	5
1366	Association of Circadian Rhythm of Blood Pressure and Cerebral Small Vessel Disease in Community-Based Elderly Population. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1322-1330.	1.7	26
1367	Neuroimaging of vascular reserve in patients with cerebrovascular diseases. <i>NeuroImage</i> , 2019, 187, 192-208.	2.1	49
1368	Ambulatory pulse pressure, brain neuronal fiber integrity, and cerebral blood flow in older adults. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 926-936.	2.4	7
1369	Lesion location matters: The relationships between white matter hyperintensities on cognition in the healthy elderly. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 36-43.	2.4	130
1370	Microstructural and metabolic changes in the longitudinal progression of white matter hyperintensities. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1613-1622.	2.4	22
1371	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
1372	Cerebral perfusion and compensatory blood supply in patients with recent small subcortical infarcts. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1326-1335.	2.4	16
1373	Clinical correlates of longitudinal MRI changes in CADASIL. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1299-1305.	2.4	22
1374	Non-invasive imaging modalities to study neurodegenerative diseases of aging brain. <i>Journal of Chemical Neuroanatomy</i> , 2019, 95, 54-69.	1.0	10
1375	Small Vessel Disease Is Associated with Tissue Inhibitor of Matrix Metalloproteinase-4 After Ischaemic Stroke. <i>Translational Stroke Research</i> , 2019, 10, 44-51.	2.3	8
1376	Preliminary evidence for cerebral capillary shunting in adults with sickle cell anemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1099-1110.	2.4	25
1377	Small vessel disease is associated with altered cerebrovascular pulsatility but not resting cerebral blood flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 85-99.	2.4	77
1378	MRI phenotypes of the brain are related to future stroke and mortality in patients with manifest arterial disease: The SMART-MR study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 354-364.	2.4	6
1379	Emerging insights from the genetics of cerebral small vessel disease. <i>Annals of the New York Academy of Sciences</i> , 2020, 1471, 5-17.	1.8	15

#	ARTICLE	IF	CITATIONS
1380	Deep convolutional neural network for automatically segmenting acute ischemic stroke lesion in multi-modality MRI. <i>Neural Computing and Applications</i> , 2020, 32, 6545-6558.	3.2	53
1381	Cortical thickness, white matter hyperintensities, and cognition after stroke. <i>International Journal of Stroke</i> , 2020, 15, 46-54.	2.9	19
1382	Radiomics nomogram based on MRI for predicting white matter hyperintensity progression in elderly adults. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 535-546.	1.9	19
1383	White Matter Hyperintensities and Blood Pressure Lowering in Acute Intracerebral Hemorrhage: A Secondary Analysis of the ATACH-2 Trial. <i>Neurocritical Care</i> , 2020, 32, 180-186.	1.2	17
1384	Genome-Wide Association Study of Cerebral Microbleeds on MRI. <i>Neurotoxicity Research</i> , 2020, 37, 146-155.	1.3	13
1385	Association of nimodipine and choline alfoscerate in the treatment of cognitive impairment in patients with cerebral small vessel disease: study protocol for a randomized placebo-controlled trial—the CONIVaD trial. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 449-457.	1.4	15
1386	Clinical Characteristics and Outcome of Patients with Lacunar Infarcts and Concurrent Embolic Ischemic Lesions. <i>Clinical Neuroradiology</i> , 2020, 30, 511-516.	1.0	3
1387	Contrast leakage distant from the hematoma in patients with spontaneous ICH: A 7T MRI study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1002-1011.	2.4	12
1388	Impact of Leukoaraiosis Severity on the Association of Time to Successful Reperfusion with 90-Day Functional Outcome After Large Vessel Occlusion Stroke. <i>Translational Stroke Research</i> , 2020, 11, 39-49.	2.3	18
1389	Strictly Lobar Cerebral Microbleeds Are Associated with Increased White Matter Volume. <i>Translational Stroke Research</i> , 2020, 11, 29-38.	2.3	11
1390	Cortical cerebral microinfarcts predict cognitive decline in memory clinic patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 44-53.	2.4	29
1391	Two-step deep neural network for segmentation of deep white matter hyperintensities in migraineurs. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 183, 105065.	2.6	21
1392	White matter hyperintensities mediate the association between blood-brain barrier leakage and information processing speed. <i>Neurobiology of Aging</i> , 2020, 85, 113-122.	1.5	42
1393	Cortical microinfarcts in memory clinic patients are associated with reduced cerebral perfusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1869-1878.	2.4	30
1394	Cardiovascular risk scoring and magnetic resonance imaging detected subclinical cerebrovascular disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 692-700.	0.5	11
1395	Role of deep medullary veins in pathogenesis of lacunes: Longitudinal observations from the CIRCLE study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1797-1805.	2.4	18
1396	Prospects for Diminishing the Impact of Nonamyloid Small-Vessel Diseases of the Brain. <i>Annual Review of Pharmacology and Toxicology</i> , 2020, 60, 437-456.	4.2	12
1397	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

#	ARTICLE	IF	CITATIONS
1398	The role of microglia in ischemic preconditioning. <i>Glia</i> , 2020, 68, 455-471.	2.5	26
1399	Within-lesion heterogeneity of subcortical DWI lesion evolution, and stroke outcome: A voxel-based analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1482-1491.	2.4	19
1400	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
1401	Whole volume brain extraction for multi-centre, multi-disease FLAIR MRI datasets. <i>Magnetic Resonance Imaging</i> , 2020, 66, 116-130.	1.0	11
1402	Effect of cholinergic pathway disruption on cortical and subcortical volumes in subcortical vascular cognitive impairment. <i>European Journal of Neurology</i> , 2020, 27, 210-212.	1.7	14
1403	Application of an amyloid and tau classification system in subcortical vascular cognitive impairment patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 292-303.	3.3	15
1404	Isolated, Subtle Neurological Abnormalities in Mild Cognitive Impairment Types. <i>Canadian Journal of Neurological Sciences</i> , 2020, 47, 77-91.	0.3	3
1405	Global Burden of Small Vessel Disease-Related Brain Changes on MRI Predicts Cognitive and Functional Decline. <i>Stroke</i> , 2020, 51, 170-178.	1.0	115
1406	Silent brain infarctions and cognition decline: systematic review and meta-analysis. <i>Journal of Neurology</i> , 2020, 267, 502-512.	1.8	30
1407	Association of obstructive sleep apnea and cerebral small vessel disease: a systematic review and meta-analysis. <i>Sleep</i> , 2020, 43, .	0.6	27
1408	Understanding the association between psychomotor processing speed and white matter hyperintensity: A comprehensive multi-modality MR imaging study. <i>Human Brain Mapping</i> , 2020, 41, 605-616.	1.9	15
1409	Associations between cerebral blood flow and structural and functional brain imaging measures in individuals with neuropsychologically defined mild cognitive impairment. <i>Neurobiology of Aging</i> , 2020, 86, 64-74.	1.5	42
1410	Sleep and brain morphological changes in the eighth decade of life. <i>Sleep Medicine</i> , 2020, 65, 152-158.	0.8	27
1411	Midlife Atherosclerosis and Development of Alzheimer or Vascular Dementia. <i>Annals of Neurology</i> , 2020, 87, 52-62.	2.8	46
1412	Predictors of Lesion Cavitation After Recent Small Subcortical Stroke. <i>Translational Stroke Research</i> , 2020, 11, 402-411.	2.3	12
1413	Small vessel disease is associated with an unfavourable outcome in stroke patients on oral anticoagulation. <i>European Stroke Journal</i> , 2020, 5, 63-72.	2.7	15
1414	Spectral Diffusion Analysis of Intravoxel Incoherent Motion MRI in Cerebral Small Vessel Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1170-1180.	1.9	25
1415	Magnetic resonance imaging and risk factors for progression of lacunar infarct lesions in Chinese patients. <i>Neuroradiology</i> , 2020, 62, 161-166.	1.1	2

#	ARTICLE	IF	CITATIONS
1416	Imaging biomarkers in Alzheimer's disease. , 2020, , 343-378.		1
1417	Haptoglobin Hp1 Variant Does Not Associate with Small Vessel Disease. Brain Sciences, 2020, 10, 18.	1.1	3
1418	Size, shape and location of lacunar strokes and correlation with risk factors. Clinical Neurology and Neurosurgery, 2020, 190, 105665.	0.6	2
1419	Neuropsychiatric Correlates of Small Vessel Disease Progression in Incident Cognitive Decline: Independent and Interactive Effects. Journal of Alzheimer's Disease, 2020, 73, 1053-1062.	1.2	14
1420	Cornea: A Window to White Matter Changes in Stroke; Corneal Confocal Microscopy a Surrogate Marker for the Presence and Severity of White Matter Hyperintensities in Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 104543.	0.7	17
1421	Reduced forced vital capacity is associated with cerebral small vessel disease burden in cognitively normal individuals. NeuroImage: Clinical, 2020, 25, 102140.	1.4	8
1422	Microstructural disruption of the right inferior fronto-occipital and inferior longitudinal fasciculus contributes to WMH-related cognitive impairment. CNS Neuroscience and Therapeutics, 2020, 26, 576-588.	1.9	70
1423	Cognitive Impairment Before Atrial Fibrillation-Related Ischemic Events: Neuroimaging and Prognostic Associations. Journal of the American Heart Association, 2020, 9, e014537.	1.6	17
1424	Normal-Appearing White Matter Integrity Is a Predictor of Outcome After Ischemic Stroke. Stroke, 2020, 51, 449-456.	1.0	24
1425	Carotid Atherosclerosis is Associated with Middle Cerebral Artery Pulsatility Index. Journal of Neuroimaging, 2020, 30, 233-239.	1.0	11
1426	Improved quantification of amyloid burden and associated biomarker cut-off points: results from the first amyloid Singaporean cohort with overlapping cerebrovascular disease. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 319-331.	3.3	16
1427	Impact of obstructive sleep apnea on silent cerebral small vessel disease: a systematic review and meta-analysis. Sleep Medicine, 2020, 68, 80-88.	0.8	27
1428	Retinal sublayer defect is independently associated with the severity of hypertensive white matter hyperintensity. Brain and Behavior, 2020, 10, e01521.	1.0	11
1429	Microvascular Dysfunction Is Associated With Worse Cognitive Performance. Hypertension, 2020, 75, 237-245.	1.3	47
1430	Cerebral arterial pulsatility is associated with features of small vessel disease in patients with acute stroke and TIA: a 4D flow MRI study. Journal of Neurology, 2020, 267, 721-730.	1.8	20
1431	Structural network changes in cerebral small vessel disease. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 196-203.	0.9	28
1432	Superficial Cerebellar Microbleeds and Cerebral Amyloid Angiopathy. Stroke, 2020, 51, 202-208.	1.0	40
1433	The effect of white matter signal abnormalities on default mode network connectivity in mild cognitive impairment. Human Brain Mapping, 2020, 41, 1237-1248.	1.9	20

#	ARTICLE	IF	CITATIONS
1434	Deep convolutional neural network for accurate segmentation and quantification of white matter hyperintensities. <i>Neurocomputing</i> , 2020, 384, 231-242.	3.5	24
1435	Carotid artery stenosis and brain connectivity: the role of white matter hyperintensities. <i>Neuroradiology</i> , 2020, 62, 377-387.	1.1	15
1436	Associations of Radiographic Cerebral Small Vessel Disease with Acute Intracerebral Hemorrhage Volume, Hematoma Expansion, and Intraventricular Hemorrhage. <i>Neurocritical Care</i> , 2020, 32, 383-391.	1.2	15
1437	The association between pineal gland calcification and white matter hyperintensities of presumed vascular origin in older adults. A population-based study. <i>Journal of Clinical Neuroscience</i> , 2020, 72, 202-205.	0.8	2
1438	Parental History of Dementia Is Associated with Increased Small Vessel Cerebrovascular Disease. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 2156-2161.	1.7	3
1439	Association Between Cerebral Small Vessel Disease With Antidepressant Use and Depression. <i>Stroke</i> , 2020, 51, 402-408.	1.0	4
1440	Premature vascular disease in young adult stroke: a pathology-based case series. <i>Journal of Neurology</i> , 2020, 267, 1063-1069.	1.8	2
1441	Computational quantification of brain perivascular space morphologies: Associations with vascular risk factors and white matter hyperintensities. A study in the Lothian Birth Cohort 1936. <i>NeuroImage: Clinical</i> , 2020, 25, 102120.	1.4	51
1442	Development and validation of a rating scale for perivascular spaces on 3T MRI. <i>Journal of the Neurological Sciences</i> , 2020, 409, 116621.	0.3	11
1443	Cognitive impairment before and after intracerebral haemorrhage: a systematic review. <i>Neurological Sciences</i> , 2020, 41, 509-527.	0.9	32
1444	White Matter Hyperintensity Volume Influences Symptoms in Patients Presenting With Minor Neurological Deficits. <i>Stroke</i> , 2020, 51, 409-415.	1.0	8
1445	Lack of Association between Periodic Limb Movements during Sleep and Neuroimaging Signatures of Cerebral Small Vessel Disease in Stroke-Free Community-Dwelling Older Adults. The Atahualpa Project. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104497.	0.7	10
1446	Blood Pressure Variability and Cerebral Small Vessel Disease. <i>Stroke</i> , 2020, 51, 82-89.	1.0	89
1447	Clinical Relevance of Cerebral Small Vessel Diseases. <i>Stroke</i> , 2020, 51, 47-53.	1.0	75
1448	Advanced Neuroimaging to Unravel Mechanisms of Cerebral Small Vessel Diseases. <i>Stroke</i> , 2020, 51, 29-37.	1.0	21
1449	New Treatment Approaches to Modify the Course of Cerebral Small Vessel Diseases. <i>Stroke</i> , 2020, 51, 38-46.	1.0	59
1450	Genetics of Cerebral Small Vessel Disease. <i>Stroke</i> , 2020, 51, 12-20.	1.0	49
1451	Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. <i>Stroke</i> , 2020, 51, 21-28.	1.0	19

#	ARTICLE	IF	CITATIONS
1452	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
1453	Regularized siamese neural network for unsupervised outlier detection on brain multiparametric magnetic resonance imaging: Application to epilepsy lesion screening. <i>Medical Image Analysis</i> , 2020, 60, 101618.	7.0	43
1454	Limited One-time Sampling Irregularity Map (LOTS-IM) for Automatic Unsupervised Assessment of White Matter Hyperintensities and Multiple Sclerosis Lesions in Structural Brain Magnetic Resonance Images. <i>Computerized Medical Imaging and Graphics</i> , 2020, 79, 101685.	3.5	12
1455	Comorbid amyloid $\beta$ pathology affects clinical and imaging features in VCD. <i>Alzheimer's and Dementia</i> , 2020, 16, 354-364.	0.4	6
1456	Atrial Fibrillation, Brain Volumes, and Subclinical Cerebrovascular Disease (from the Atherosclerosis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 222-228.	0.7	10
1457	Association of CD14 with incident dementia and markers of brain aging and injury. <i>Neurology</i> , 2020, 94, e254-e266.	1.5	21
1458	Increased platelet procoagulant potential predicts recurrent stroke and TIA after lacunar infarction. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 660-668.	1.9	17
1459	Association Between Blood Pressure Variability and Cerebral Small Vessel Disease: A Systematic Review and Meta-Analysis. <i>Journal of the American Heart Association</i> , 2020, 9, e013841.	1.6	75
1460	Developing robust biomarkers for vascular cognitive disorders: adding $\beta$ -V $\alpha$ ™ to the AT(N) research framework. <i>Current Opinion in Psychiatry</i> , 2020, 33, 148-155.	3.1	9
1461	Cilostazol Versus Aspirin in Ischemic Stroke Patients With High-Risk Cerebral Hemorrhage. <i>Stroke</i> , 2020, 51, 931-937.	1.0	23
1462	Pancreatic Angiopathy Associated With Islet Amyloid and Type 2 Diabetes Mellitus. <i>Pancreas</i> , 2020, 49, 1232-1239.	0.5	2
1463	Chronic Kidney Disease as Risk Factor for Enlarged Perivascular Spaces in Patients With Stroke and Relation to Racial Group. <i>Stroke</i> , 2020, 51, 3348-3351.	1.0	9
1464	Cerebral Small Vessel Disease, Risk Factors, and Cognition in Tenants of Precarious Housing. <i>Stroke</i> , 2020, 51, 3271-3278.	1.0	16
1465	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
1466	Vascular contributions to cognitive impairment and dementia (VCID): A report from the 2018 National Heart, Lung, and Blood Institute and National Institute of Neurological Disorders and Stroke Workshop. <i>Alzheimer's and Dementia</i> , 2020, 16, 1714-1733.	0.4	108
1467	The bleeding with antithrombotic therapy study 2: Rationale, design, and baseline characteristics of the participants. <i>European Stroke Journal</i> , 2020, 5, 423-431.	2.7	3
1468	Association of Enlarged Perivascular Spaces and Measures of Small Vessel and Alzheimer Disease. <i>Neurology</i> , 2021, 96, e193-e202.	1.5	54
1469	Association of Cerebral Small Vessel Disease and Cognitive Decline After Intracerebral Hemorrhage. <i>Neurology</i> , 2021, 96, e182-e192.	1.5	50



#	ARTICLE	IF	CITATIONS
1470	Cerebrovascular pathology in Alzheimer's disease: Hopes and gaps. <i>Psychiatry Research - Neuroimaging</i> , 2020, 306, 111184.	0.9	16
1471	MRI phenotyping of underlying cerebral small vessel disease in mixed hemorrhage patients. <i>Journal of the Neurological Sciences</i> , 2020, 419, 117173.	0.3	5
1472	Caliber of Intracranial Arteries as a Marker for Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 2020, 11, 558858.	1.1	5
1473	Brachial-Ankle Pulse Wave Velocity is Related to the Total Cerebral Small-Vessel Disease Score in an Apparently Healthy Asymptomatic Population. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105221.	0.7	4
1474	Ageing Is Positively Associated with Peri-Sinus Lymphatic Space Volume: Assessment Using 3T Black-Blood MRI. <i>Journal of Clinical Medicine</i> , 2020, 9, 3353.	1.0	21
1475	<scp>MRI</scp>â€visible dilated perivascular spaces in healthy young adults: A twin heritability study. <i>Human Brain Mapping</i> , 2020, 41, 5313-5324.	1.9	14
1476	Morphologic evolution of recent small sub-cortical infarcts and adjacent white matter in the basal ganglia in a Chinese cohort. <i>Chinese Medical Journal</i> , 2020, 133, 2302-2307.	0.9	0
1477	Chinese herbal medicine for vascular cognitive impairment in cerebral small vessel disease. <i>Medicine (United States)</i> , 2020, 99, e22455.	0.4	5
1478	The effects of voluntary running on cerebrovascular morphology and spatial short-term memory in a mouse model of amyloidosis. <i>NeuroImage</i> , 2020, 222, 117269.	2.1	6
1479	Asymptomatic Striatocapsular slit-like Hemorrhage as a Severity Marker in Patients with Hypertensive Angiopathy. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105153.	0.7	4
1480	Cognitive evaluation in cerebral small vessel disease: towards an evidence-based identification of the reference standards. Part 1. A systematic review and qualitative data synthesis. <i>Journal of Neurology</i> , 2021, 268, 4563-4572.	1.8	14
1481	On the Association Between Social Determinants of Health and Disability in Stroke-Free Older Adults Living in Rural Settings. The Three Villages Study. <i>Journal of Primary Care and Community Health</i> , 2020, 11, 215013272096126.	1.0	5
1482	Twenty-Four-Hour Ambulatory Blood Pressure Variability Associated With Cerebral Small Vessel Disease MRI Burden and Its Progression in Inpatients With Cerebrovascular Disease. <i>Frontiers in Neurology</i> , 2020, 11, 513067.	1.1	11
1483	Retinal biomarkers for Alzheimerâ€™s disease and vascular cognitive impairment and dementia (VCID): implication for early diagnosis and prognosis. <i>GeroScience</i> , 2020, 42, 1499-1525.	2.1	64
1484	Structural Brain Network Disruption at Preclinical Stage of Cognitive Impairment Due to Cerebral Small Vessel Disease. <i>Neuroscience</i> , 2020, 449, 99-115.	1.1	18
1485	Higher white matter hyperintensity lesion load is associated with reduced long-range functional connectivity. <i>Brain Communications</i> , 2020, 2, fcaa111.	1.5	16
1486	Structure and function of the perivascular fluid compartment and vertebral venous plexus: Illuminating a novel theory on mechanisms underlying the pathogenesis of Alzheimer's, cerebral small vessel, and neurodegenerative diseases. <i>Neurobiology of Disease</i> , 2020, 144, 105022.	2.1	9
1487	Autonomic function in amnesic and non-amnesic mild cognitive impairment: spectral heart rate variability analysis provides evidence for a brainâ€™heart axis. <i>Scientific Reports</i> , 2020, 10, 11661.	1.6	27

#	ARTICLE	IF	CITATIONS
1488	fMRI network correlates of predisposing risk factors for delirium: A cross-sectional study. <i>NeuroImage: Clinical</i> , 2020, 27, 102347.	1.4	4
1489	White Matter Lesions in Adults – a Differential Diagnostic Approach. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2020, 192, 1154-1173.	0.7	5
1490	Microembolic Signals Detected by Transcranial Doppler Predict Future Stroke and Poor Outcomes. <i>Journal of Neuroimaging</i> , 2020, 30, 882-889.	1.0	9
1491	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
1492	Weakly supervised object detection with 2D and 3D regression neural networks. <i>Medical Image Analysis</i> , 2020, 65, 101767.	7.0	27
1493	Reader response: WMH and long-term outcomes in ischemic stroke: A systematic review and meta-analysis. <i>Neurology</i> , 2020, 94, 410.2-411.	1.5	0
1494	Distinct association between cerebral arterial pulsatility and subtypes of cerebral small vessel disease. <i>PLoS ONE</i> , 2020, 15, e0236049.	1.1	15
1495	Post-mortem 7 Tesla MRI detection of white matter hyperintensities: A multidisciplinary voxel-wise comparison of imaging and histological correlates. <i>NeuroImage: Clinical</i> , 2020, 27, 102340.	1.4	13
1496	Attention convolutional neural network for accurate segmentation and quantification of lesions in ischemic stroke disease. <i>Medical Image Analysis</i> , 2020, 65, 101791.	7.0	63
1497	Canadian Consensus Conference on Diagnosis and Treatment of Dementia (CCCDTD)5: Guidelines for management of vascular cognitive impairment. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12056.	1.8	23
1498	Melatonin regulates $\text{A}\beta$ production/clearance balance and $\text{A}\beta$ neurotoxicity: A potential therapeutic molecule for Alzheimer's disease. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110887.	2.5	93
1499	Strictly Lobar Microbleeds Reflect Amyloid Angiopathy Regardless of Cerebral and Cerebellar Compartments. <i>Stroke</i> , 2020, 51, 3600-3607.	1.0	19
1500	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.	1.7	20
1501	Multi-shell Diffusion MRI Models for White Matter Characterization in Cerebral Small Vessel Disease. <i>Neurology</i> , 2021, 96, e698-e708.	1.5	33
1502	A new nomogram for individualized prediction of the probability of hemorrhagic transformation after intravenous thrombolysis for ischemic stroke patients. <i>BMC Neurology</i> , 2020, 20, 426.	0.8	17
1503	GJA1 Gene Polymorphisms and Topographic Distribution of Cranial MRI Lesions in Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 2020, 11, 583974.	1.1	3
1504	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
1505	Plasma neurofilament light predicts mortality in patients with stroke. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	51

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1506	Linking cortical atrophy to white matter hyperintensities of presumed vascular origin. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1682-1691.	2.4	18
1507	Lacune and Large Perivascular Space: Two Kinds of Cavities Are of Different Risk Factors and Stroke Risk. <i>Cerebrovascular Diseases</i> , 2020, 49, 522-530.	0.8	10
1508	Body mass index, time of day and genetics affect perivascular spaces in the white matter. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1563-1578.	2.4	57
1509	Cysteine-Altering <i>NOTCH3</i> Variants Are a Risk Factor for Stroke in the Elderly Population. <i>Stroke</i> , 2020, 51, 3562-3569.	1.0	24
1510	Symptoms and probabilistic anatomical mapping of lacunar infarcts. <i>Neurological Research and Practice</i> , 2020, 2, 21.	1.0	2
1511	Prevalence and Correlates of Intracranial Atherosclerotic Disease Among Community-Dwelling Older Adults of Amerindian Ancestry. The Three Villages Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105135.	0.7	7
1512	Cerebral Microbleeds Are Associated with Loss of White Matter Integrity. <i>American Journal of Neuroradiology</i> , 2020, 41, 1397-1404.	1.2	11
1513	Endothelial Progenitor Cells as a Marker of Vascular Damage But not a Predictor in Acute Microangiopathy-Associated Stroke. <i>Journal of Clinical Medicine</i> , 2020, 9, 2248.	1.0	2
1514	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
1515	Protocol: The Lacunar Intervention Trial 2 (LACI-2). A trial of two repurposed licenced drugs to prevent progression of cerebral small vessel disease. <i>European Stroke Journal</i> , 2020, 5, 297-308.	2.7	22
1516	Cerebral Small Vessel Disease and Risk of Incidence of Depression: A Meta-Analysis of Longitudinal Cohort Studies. <i>Journal of the American Heart Association</i> , 2020, 9, e016512.	1.6	19
1517	Dawson's Fingers in Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 2020, 11, 669.	1.1	4
1518	Recommendations of the 5th Canadian Consensus Conference on the diagnosis and treatment of dementia. <i>Alzheimer's and Dementia</i> , 2020, 16, 1182-1195.	0.4	119
1519	Association of White Matter Hyperintensities and Cardiovascular Disease. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010460.	1.3	36
1520	Mid to Late Life Hypertension Trends and Cerebral Small Vessel Disease in the Framingham Heart Study. <i>Hypertension</i> , 2020, 76, 707-714.	1.3	28
1521	Broad phenotype of cysteine-altering <i>NOTCH3</i> variants in UK Biobank. <i>Neurology</i> , 2020, 95, e1835-e1843.	1.5	49
1522	Reduced thiamine is a predictor for cognitive impairment of cerebral infarction. <i>Brain and Behavior</i> , 2020, 10, e01709.	1.0	7
1523	Comparison and validation of seven white matter hyperintensities segmentation software in elderly patients. <i>NeuroImage: Clinical</i> , 2020, 27, 102357.	1.4	31

#	ARTICLE	IF	CITATIONS
1524	The association of hyperglycaemia and insulin resistance with incident depressive symptoms over 4 years of follow-up: The Maastricht Study. <i>Diabetologia</i> , 2020, 63, 2315-2328.	2.9	18
1526	Blood pressure variability and microvascular dysfunction: the Maastricht Study. <i>Journal of Hypertension</i> , 2020, 38, 1541-1550.	0.3	11
1527	Small vessel disease lesion type and brain atrophy: The role of co-occurring amyloid. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12060.	1.2	7
1528	Proportion of intracerebral haemorrhage due to cerebral amyloid angiopathy in the East and West: Comparison between single hospital centres in Japan and the United Kingdom. <i>Journal of the Neurological Sciences</i> , 2020, 416, 117037.	0.3	10
1529	Total small vessel disease score and functional outcomes following acute intracerebral hemorrhage. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105001.	0.7	5
1530	Dynamic Regional Brain Atrophy Rates in the First Year After Ischemic Stroke. <i>Stroke</i> , 2020, 51, e183-e192.	1.0	55
1531	Prediction of poor clinical outcome in vascular cognitive impairment: TRACE-VCI study. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12077.	1.2	5
1532	Factors associated with silent cerebral events during atrial fibrillation ablation in patients on uninterrupted oral anticoagulation. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2889-2897.	0.8	8
1533	Changes Over Time of Diffusion MRI in the White Matter of Aging Brain, a Good Predictor of Verbal Recall. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 218.	1.7	9
1534	Multi-Receptive-Field CNN for Semantic Segmentation of Medical Images. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 3215-3225.	3.9	58
1535	Characterization of retinal microvasculature and its relations to cognitive function in older people after circuit resistance training. <i>Experimental Gerontology</i> , 2020, 142, 111114.	1.2	6
1536	CT-Visible Convexity Subarachnoid Hemorrhage is Associated With Cortical Superficial Siderosis and Predicts Recurrent ICH. <i>Neurology</i> , 2021, 96, e986-e994.	1.5	9
1537	Subclinical Cognitive and Neuropsychiatric Correlates and Hippocampal Volume Features of Brain White Matter Hyperintensity in Healthy People. <i>Journal of Personalized Medicine</i> , 2020, 10, 172.	1.1	7
1538	Visceral adiposity index is associated with silent brain infarct in a healthy population. <i>Scientific Reports</i> , 2020, 10, 17271.	1.6	6
1539	Disrupted white matter integrity and network connectivity are related to poor motor performance. <i>Scientific Reports</i> , 2020, 10, 18369.	1.6	16
1540	Cerebrospinal Fluid Metals and the Association with Cerebral Small Vessel Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 1229-1236.	1.2	9
1541	Microstructural degeneration and cerebrovascular risk burden underlying executive dysfunction after stroke. <i>Scientific Reports</i> , 2020, 10, 17911.	1.6	21
1542	Hybrid Attention Densely Connected Ensemble Framework for Lesion Segmentation From Magnetic Resonance Images. <i>IEEE Access</i> , 2020, 8, 188564-188576.	2.6	1

#	ARTICLE	IF	CITATIONS
1543	Editors' note: WMH and long-term outcomes in ischemic stroke: A systematic review and meta-analysis. <i>Neurology</i> , 2020, 94, 410-410.	1.5	0
1544	Diabetic rats are more susceptible to cognitive decline in a model of microemboli-mediated vascular contributions to cognitive impairment and dementia. <i>Brain Research</i> , 2020, 1749, 147132.	1.1	6
1545	Calgary Normative Study: design of a prospective longitudinal study to characterise potential quantitative MR biomarkers of neurodegeneration over the adult lifespan. <i>BMJ Open</i> , 2020, 10, e038120.	0.8	9
1546	Tadalafil may improve cerebral perfusion in small-vessel occlusion stroke—a pilot study. <i>Brain Communications</i> , 2020, 2, fcaa020.	1.5	11
1547	Vascular disease and multiple sclerosis: a post-mortem study exploring their relationships. <i>Brain</i> , 2020, 143, 2998-3012.	3.7	33
1548	Extracranial Carotid Artery Stenosis: The Effects on Brain and Cognition with a Focus on Resting-State Functional Connectivity. <i>Journal of Neuroimaging</i> , 2020, 30, 736-745.	1.0	12
1549	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
1550	Associations Between Plasma Ceramides and Cerebral Microbleeds or Lacunes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2785-2793.	1.1	7
1551	Intracranial Pulsatility in Relation to Severity and Progression of Cerebral White Matter Hyperintensities. <i>Stroke</i> , 2020, 51, 3302-3309.	1.0	17
1552	Lesion evolution and neurodegeneration in RVCL-S. <i>Neurology</i> , 2020, 95, e1918-e1931.	1.5	13
1553	Rivaroxaban for Prevention of Covert Brain Infarcts and Cognitive Decline. <i>Stroke</i> , 2020, 51, 2901-2909.	1.0	15
1554	Cerebral Small Vessel Disease and Alzheimer's Disease: A Review. <i>Frontiers in Neurology</i> , 2020, 11, 927.	1.1	53
1555	Association of midlife stroke risk with structural brain integrity and memory performance at older ages: a longitudinal cohort study. <i>Brain Communications</i> , 2020, 2, fcaa026.	1.5	9
1556	Microstructural Predictors of Cognitive Impairment in Cerebral Small Vessel Disease and the Conditions of Their Formation. <i>Diagnostics</i> , 2020, 10, 720.	1.3	8
1557	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
1558	Dawson Fingers in Older Adults with Cerebral Small Vessel Disease: A Population Study. <i>European Neurology</i> , 2020, 83, 421-425.	0.6	6
1559	Carotid intima-media thickness relative to cognitive impairment in dialysis patients, and their relationship with brain volume and cerebral small vessel disease. <i>Therapeutic Advances in Chronic Disease</i> , 2020, 11, 204062232095335.	1.1	5
1560	MRI-visible enlarged perivascular spaces. <i>Neurology</i> , 2020, 95, 709-710.	1.5	3

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1561	Sex differences in memory clinic patients with possible vascular cognitive impairment. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12090.	1.2	4
1562	Effects of White Matter Hyperintensities on Brain Connectivity and Hippocampal Volume in Healthy Subjects According to Their Localization. <i>Brain Connectivity</i> , 2020, 10, 436-447.	0.8	10
1563	Interactions Between Acute Infarcts and Cerebrovascular Pathology Predict Poststroke Dementia. <i>Alzheimer Disease and Associated Disorders</i> , 2020, 34, 206-211.	0.6	3
1564	Association between Left Atrial Deformation and Brain Involvement in Patients with Anderson-Fabry Disease at Diagnosis. <i>Journal of Clinical Medicine</i> , 2020, 9, 2741.	1.0	6
1565	Brain fog and non-coeliac gluten sensitivity: Proof of concept brain MRI pilot study. <i>PLoS ONE</i> , 2020, 15, e0238283.	1.1	7
1566	White Matter Hyperintensities Predict Response to Language Treatment in Poststroke Aphasia. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 945-953.	1.4	22
1567	Association of enlarged perivascular spaces and anticoagulant-related intracranial hemorrhage. <i>Neurology</i> , 2020, 95, e2192-e2199.	1.5	24
1568	Etiology of Ischemic Strokes of Patients with Atrial Fibrillation and Therapy with Anticoagulants. <i>Journal of Clinical Medicine</i> , 2020, 9, 2938.	1.0	20
1569	Cerebrovascular disease promotes tau pathology in Alzheimer's disease. <i>Brain Communications</i> , 2020, 2, fcaa132.	1.5	46
1570	White Matter Hyperintensities Contribute to Language Deficits in Primary Progressive Aphasia. <i>Cognitive and Behavioral Neurology</i> , 2020, 33, 179-191.	0.5	5
1571	Coronary Microvascular Dysfunction. <i>Journal of Clinical Medicine</i> , 2020, 9, 2880.	1.0	167
1572	Association of common genetic variants with brain microbleeds. <i>Neurology</i> , 2020, 95, e3331-e3343.	1.5	40
1573	Microstructural Alterations Analogous to Accelerated Aging of the Cerebral Cortex in Carotid Occlusive Disease. <i>Clinical Neuroradiology</i> , 2021, 31, 709-720.	1.0	3
1574	Nutritional status and structural brain changes in Alzheimer's disease: The NUDAD project. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12063.	1.2	9
1575	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
1576	Intracranial Large Artery Abnormalities and Association With Cerebral Small Vessel Disease in CADASIL. <i>Frontiers in Neurology</i> , 2020, 11, 726.	1.1	3
1577	Small vessel disease more than Alzheimer's disease determines diffusion MRI alterations in memory clinic patients. <i>Alzheimer's and Dementia</i> , 2020, 16, 1504-1514.	0.4	35
1578	Ontario Neurodegenerative Disease Research Initiative (ONDRI): Structural MRI Methods and Outcome Measures. <i>Frontiers in Neurology</i> , 2020, 11, 847.	1.1	23



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1579	Cortical Microinfarcts Associated With Worse Outcomes in Patients With Acute Ischemic Stroke Receiving Endovascular Treatment. <i>Stroke</i> , 2020, 51, 2742-2751.	1.0	16
1580	The Effects of Longitudinal White Matter Hyperintensity Change on Cognitive Decline and Cortical Thinning over Three Years. <i>Journal of Clinical Medicine</i> , 2020, 9, 2663.	1.0	17
1581	T <sub>2</sub> 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
1582	Optical coherence tomography-based assessment of retinal vascular pathology in cerebral small vessel disease. <i>Neurological Research and Practice</i> , 2020, 2, 13.	1.0	11
1583	Intracranial Atherosclerosis Coexisting With White Matter Hyperintensities May Predict Unfavorable Functional Outcome in Patients With Acute Cerebral Ischemia. <i>Frontiers in Neurology</i> , 2020, 11, 609607.	1.1	1
1584	Cortical Thickness Estimation in Individuals With Cerebral Small Vessel Disease, Focal Atrophy, and Chronic Stroke Lesions. <i>Frontiers in Neuroscience</i> , 2020, 14, 598868.	1.4	18
1585	Blood-Brain Barrier Leakage Is Increased in Parkinson's Disease. <i>Frontiers in Physiology</i> , 2020, 11, 593026.	1.3	107
1586	Relationship Between Type 2 Diabetes and White Matter Hyperintensity: A Systematic Review. <i>Frontiers in Endocrinology</i> , 2020, 11, 595962.	1.5	42
1587	Cerebral Small Vessel Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9729.	1.8	78
1588	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
1589	Association Between Motor and Cognitive Performances in Elderly With Atrial Fibrillation: Strat-AF Study. <i>Frontiers in Neurology</i> , 2020, 11, 571978.	1.1	6
1590	Homocysteine is Associated with the Development of Cerebral Small Vessel Disease: Retrospective Analyses from Neuroimaging and Cognitive Outcomes. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105393.	0.7	16
1591	Prediction of amyloid $\beta$ PET positivity using machine learning in patients with suspected cerebral amyloid angiopathy markers. <i>Scientific Reports</i> , 2020, 10, 18806.	1.6	6
1592	Patterns of Mitochondrial TSPO Binding in Cerebral Small Vessel Disease: An in vivo PET Study With Neuropathological Comparison. <i>Frontiers in Neurology</i> , 2020, 11, 541377.	1.1	9
1593	Trial of remote ischaemic preconditioning in vascular cognitive impairment (TRIC-VCI): protocol. <i>BMJ Open</i> , 2020, 10, e040466.	0.8	7
1594	Relationship Between Step Counts and Cerebral Small Vessel Disease in Japanese Men. <i>Stroke</i> , 2020, 51, 3584-3591.	1.0	19
1595	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
1596	Quantitative measurements of enlarged perivascular spaces in the brain are associated with retinal microvascular parameters in older community-dwelling subjects. <i>Cerebral Circulation - Cognition and Behavior</i> , 2020, 1, 100002.	0.4	6



#	ARTICLE	IF	CITATIONS
1597	Correlation Between Hippocampal Enlarged Perivascular Spaces and Cognition in Non-dementic Elderly Population. <i>Frontiers in Neurology</i> , 2020, 11, 542511.	1.1	8
1598	The Length of an Infarcted Lesion Along the Perforating Artery Predicts Neurological Deterioration in Single Subcortical Infarction Without Any Relevant Artery Stenosis. <i>Frontiers in Neurology</i> , 2020, 11, 553326.	1.1	6
1599	The association of white matter hyperintensities with stroke outcomes and antiplatelet therapy in minor stroke patients. <i>Annals of Translational Medicine</i> , 2020, 8, 331-331.	0.7	3
1600	A Systematic Review Examining Associations between Cardiovascular Conditions and Driving Outcomes among Older Drivers. <i>Geriatrics (Switzerland)</i> , 2020, 5, 27.	0.6	3
1601	The relationship of leukoaraiosis, haemorrhagic transformation and prognosis at 3 months after intravenous thrombolysis in elderly patients aged 60 years with acute cerebral infarction. <i>Neurological Sciences</i> , 2020, 41, 3195-3200.	0.9	8
1602	Indoor incense burning impacts cognitive functions and brain functional connectivity in community older adults. <i>Scientific Reports</i> , 2020, 10, 7090.	1.6	28
1603	Relationship between white matter hyperintensities and chronic kidney disease in patients with acute lacunar stroke. <i>Neurological Sciences</i> , 2020, 41, 3307-3313.	0.9	4
1604	Radiation-induced accelerated aging of the brain vasculature in young adult survivors of childhood brain tumors. <i>Neuro-Oncology Practice</i> , 2020, 7, 415-427.	1.0	11
1605	Associations Between Cardiovascular Risk, Structural Brain Changes, and Cognitive Decline. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2525-2534.	1.2	105
1606	Relationship between dementia and gut microbiome-associated metabolites: a cross-sectional study in Japan. <i>Scientific Reports</i> , 2020, 10, 8088.	1.6	46
1607	Age Moderates Associations of Hypertension, White Matter Hyperintensities, and Cognition. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 1351-1360.	1.2	20
1608	Neuropsychological Status and Structural Brain Imaging in Adults With Simple Congenital Heart Defects Closed in Childhood. <i>Journal of the American Heart Association</i> , 2020, 9, e015843.	1.6	35
1609	Clinical Features and Experimental Models of Cerebral Small Vessel Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 109.	1.7	20
1610	Association Between Steno-Occlusive Middle Cerebral Artery and Basal Ganglia Perivascular Spaces. <i>Frontiers in Neurology</i> , 2020, 11, 293.	1.1	8
1611	EANM practice guideline/SNMMI procedure standard for dopaminergic imaging in Parkinsonian syndromes 1.0. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1885-1912.	3.3	134
1612	High triglyceride-glucose index is associated with subclinical cerebral small vessel disease in a healthy population: a cross-sectional study. <i>Cardiovascular Diabetology</i> , 2020, 19, 53.	2.7	46
1613	Intracranial hemodynamic relationships in patients with cerebral small vessel disease. <i>Neurology</i> , 2020, 94, e2258-e2269.	1.5	86
1614	Prediction for the Total MRI Burden of Cerebral Small Vessel Disease With Retinal Microvascular Abnormalities in Ischemic Stroke/TIA Patients. <i>Frontiers in Neurology</i> , 2020, 11, 268.	1.1	4

#	ARTICLE	IF	CITATIONS
1615	Interhemispheric distribution of amyloid and small vessel disease burden in cerebral amyloid angiopathy-related intracerebral hemorrhage. <i>European Journal of Neurology</i> , 2020, 27, 1664-1671.	1.7	2
1616	Deep Gray Matter Iron Deposition and Its Relationship to Clinical Features in Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy Patients. <i>Stroke</i> , 2020, 51, 1750-1757.	1.0	18
1617	Catheter ablation of atrial fibrillation after pericardiectomy: multi-center experience in China. <i>Annals of Translational Medicine</i> , 2020, 8, 580-580.	0.7	0
1618	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
1619	Imaging of the aging brain and development of MRI signal abnormalities. <i>Revue Neurologique</i> , 2020, 176, 661-669.	0.6	5
1620	Risk factors of white matter hyperintensities in South Asian patients with transient ischemic attack and minor stroke. <i>Neuroradiology</i> , 2020, 62, 1279-1284.	1.1	9
1621	Prevalence and risk factors of silent brain infarcts in patients with AF detected by 3T-MRI. <i>Journal of Neurology</i> , 2020, 267, 2675-2682.	1.8	5
1622	Day-to-Day Home Blood Pressure Variability is Associated with Cerebral Small Vessel Disease Burden in a Memory Clinic Population. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 463-472.	1.2	21
1623	Prevalence and Heterogeneity of Cerebrovascular Disease Imaging Lesions. <i>Mayo Clinic Proceedings</i> , 2020, 95, 1195-1205.	1.4	30
1624	Type 2 Diabetes, Change in Depressive Symptoms Over Time, and Cerebral Small Vessel Disease: Longitudinal Data of the AGES-Reykjavik Study. <i>Diabetes Care</i> , 2020, 43, 1781-1787.	4.3	17
1625	4D Flat Panel Conebeam CTA for In Vivo Imaging of the Microvasculature of the Human Cortex with a Novel Software Prototype. <i>American Journal of Neuroradiology</i> , 2020, 41, 976-979.	1.2	4
1626	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
1627	Enlarged perivascular spaces in multiple sclerosis on magnetic resonance imaging: a systematic review and meta-analysis. <i>Journal of Neurology</i> , 2020, 267, 3199-3212.	1.8	31
1628	Nocturnal Blood Pressure Is Associated With Cerebral Small-Vessel Disease in Type 1 Diabetes. <i>Diabetes Care</i> , 2020, 43, e96-e98.	4.3	5
1629	Management of Cognitive Impairment After Stroke. <i>Current Treatment Options in Neurology</i> , 2020, 22, 1.	0.7	2
1630	Parkinson's Disease, NOTCH3 Genetic Variants, and White Matter Hyperintensities. <i>Movement Disorders</i> , 2020, 35, 2090-2095.	2.2	18
1631	Association between Ankle Brachial Index, Brachial-Ankle Pulse Wave Velocity, and Mild Cognitive Impairment in Patients with Acute Lacunar Infarction. <i>European Neurology</i> , 2020, 83, 147-153.	0.6	2
1632	Structural Brain Magnetic Resonance Imaging to Rule Out Comorbid Pathology in the Assessment of Alzheimer's Disease Dementia: Findings from the Ontario Neurodegenerative Disease Research Initiative (ONDRI) Study and Clinical Trials Over the Past 10 Years. <i>Journal of Alzheimer's Disease</i> , 2020, 74, 747-757.	1.2	9

#	ARTICLE	IF	CITATIONS
1633	MRI Types of Cerebral Small Vessel Disease and Circulating Markers of Vascular Wall Damage. <i>Diagnostics</i> , 2020, 10, 354.	1.3	8
1634	The INECO Frontal Screening for the Evaluation of Executive Dysfunction in Cerebral Small Vessel Disease: Evidence from Quantitative MRI in a CADASIL Cohort from Colombia. <i>Journal of the International Neuropsychological Society</i> , 2020, 26, 1006-1018.	1.2	5
1635	Reproducibility of EEG functional connectivity in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 68.	3.0	73
1636	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
1637	Longer term stroke risk in intracerebral haemorrhage survivors. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 840-845.	0.9	12
1638	Dilated Perivascular Space in the Midbrain May Reflect Dopamine Neuronal Degeneration in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 161.	1.7	21
1639	Network Localisation of White Matter Damage in Cerebral Small Vessel Disease. <i>Scientific Reports</i> , 2020, 10, 9210.	1.6	28
1640	Primary Categorizing and Masking Cerebral Small Vessel Disease Based on "Deep Learning System". <i>Frontiers in Neuroinformatics</i> , 2020, 14, 17.	1.3	12
1641	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. <i>Stroke</i> , 2020, 51, 2111-2121.	1.0	71
1642	Combining Imaging and Genetics to Predict Recurrence of Anticoagulation-Associated Intracerebral Hemorrhage. <i>Stroke</i> , 2020, 51, 2153-2160.	1.0	15
1643	A survey on U-shaped networks in medical image segmentations. <i>Neurocomputing</i> , 2020, 409, 244-258.	3.5	157
1644	Thrombolysis Outcomes in Acute Ischemic Stroke by Fluid-Attenuated Inversion Recovery Hyperintense Arteries. <i>Stroke</i> , 2020, 51, 2240-2243.	1.0	7
1645	Aggiornamenti in tema di malattia cerebrovascolare: prevenzione, terapia e riabilitazione. <i>Italian Journal of Medicine</i> , 2020, , 1-174.	0.2	1
1646	Atrophy patterns of hippocampal subfields in T2DM patients with cognitive impairment. <i>Endocrine</i> , 2020, 68, 536-548.	1.1	18
1647	Insulin Resistance Is Independently Associated With Enlarged Perivascular Space in the Basal Ganglia in Nondiabetic Healthy Elderly Population. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2020, 35, 153331752091212.	0.9	8
1648	Florbetapir Regional Distribution in Cerebral Amyloid Angiopathy and Alzheimer's Disease: A PET Study. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 1607-1614.	1.2	8
1649	Non breathing-related sleep fragmentation and imaging markers in patients with atherosclerotic cerebral small vessel disease (CSVD): a cross-sectional case-control study. <i>BMC Neurology</i> , 2020, 20, 98.	0.8	15
1650	Pathophysiological Mechanisms and Potential Therapeutic Targets in Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy (CADASIL). <i>Frontiers in Pharmacology</i> , 2020, 11, 321.	1.6	29

#	ARTICLE	IF	CITATIONS
1651	The Predictive Value of Salt Sensitivity and Osmotic Fragility in the Development of Cerebral Small Vessel Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2036.	1.8	4
1652	Comparison of effectiveness and safety between uninterrupted direct oral anticoagulants with and without switching to dabigatran in atrial fibrillation ablation. <i>Journal of Arrhythmia</i> , 2020, 36, 417-424.	0.5	4
1653	Age-dependent amyloid deposition is associated with white matter alterations in cognitively normal adults during the adult life span. <i>Alzheimer's and Dementia</i> , 2020, 16, 651-661.	0.4	31
1654	Absence of peripapillary retinal nerve-fiber layer thinning in combined antiretroviral therapy-treated, well-sustained aviremic persons living with HIV. <i>PLoS ONE</i> , 2020, 15, e0229977.	1.1	3
1655	The determinants of neurological phenotypes during acute hypertensive crises – a preliminary study. <i>Neurological Research</i> , 2020, 42, 398-404.	0.6	1
1656	Network neuroscience of apathy in cerebrovascular disease. <i>Progress in Neurobiology</i> , 2020, 188, 101785.	2.8	27
1657	Reduced Cognitive Assessment Scores Among Individuals With Magnetic Resonance Imaging-Detected Vascular Brain Injury. <i>Stroke</i> , 2020, 51, 1158-1165.	1.0	9
1658	Incident cerebral lacunes: A review. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 909-921.	2.4	16
1659	Reader response: Quality of life predicts outcome of deep brain stimulation in early Parkinson disease. <i>Neurology</i> , 2020, 94, 412-412.	1.5	0
1660	Author response: Quality of life predicts outcome of deep brain stimulation in early Parkinson disease. <i>Neurology</i> , 2020, 94, 413-413.	1.5	2
1661	Aspirin Resistance Affects Medium-Term Recurrent Vascular Events after Cerebrovascular Incidents: A Three-Year Follow-up Study. <i>Brain Sciences</i> , 2020, 10, 179.	1.1	12
1662	White Matter High Signals Interfere with Noncontrast Computed Tomography in the Early Identification of Cerebral Infarction. <i>Cerebrovascular Diseases</i> , 2020, 49, 135-143.	0.8	2
1663	Migraine With Aura as Early Disease Marker in Hereditary Dutch-Type Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2020, 51, 1094-1099.	1.0	7
1664	Early Cognitive Impairment after Minor Stroke: Associated Factors and Functional Outcome. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104749.	0.7	17
1665	Collateral Recruitment Is Impaired by Cerebral Small Vessel Disease. <i>Stroke</i> , 2020, 51, 1404-1410.	1.0	38
1666	Discovering the Italian phenotype of cerebral amyloid angiopathy (CAA): the SENECA project. <i>Neurological Sciences</i> , 2020, 41, 2193-2200.	0.9	3
1667	Convexity subarachnoid hemorrhage in lobar intracerebral hemorrhage. <i>Neurology</i> , 2020, 94, e968-e977.	1.5	23
1668	Body mass index, residual psychotic symptoms, and inflammation associated with brain volume reduction in older patients with schizophrenia. <i>International Journal of Geriatric Psychiatry</i> , 2020, 35, 728-736.	1.3	10

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1670	Utility of Transthoracic Echocardiography in Diagnostic Evaluation of Ischemic Stroke. <i>Frontiers in Neurology</i> , 2020, 11, 103.	1.1	7
1671	Preventing Covert Brain Infarct-Related Cognitive Impairment and Dementia. <i>Canadian Journal of Neurological Sciences</i> , 2020, 47, 456-463.	0.3	4
1672	Epimedii flavonoids protect neurons and synapses in the brain via activating NRG1/ErbB4 and BDNF/Fyn signaling pathways in a chronic cerebral hypoperfusion rat model. <i>Brain Research Bulletin</i> , 2020, 162, 132-140.	1.4	19
1673	Retinal Vascular Pathology in a Rat Model of Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 2020, 11, 533.	1.1	3
1674	Alterations of the Whole Cerebral Blood Flow in Patients With Different Total Cerebral Small Vessel Disease Burden. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 175.	1.7	13
1675	Effects of Trazodone on Sleep Quality and Cognitive Function in Arteriosclerotic Cerebral Small Vessel Disease Comorbid With Chronic Insomnia. <i>Frontiers in Psychiatry</i> , 2020, 11, 620.	1.3	8
1676	Clinical and radiological differences between patients with probable cerebral amyloid angiopathy and mixed cerebral microbleeds. <i>Journal of Neurology</i> , 2020, 267, 3602-3608.	1.8	10
1677	Pathophysiology, classification, and MRI parallels in microvascular disease of the heart and brain. <i>Microcirculation</i> , 2020, 27, e12648.	1.0	6
1678	Association of Markers of Microvascular Dysfunction With Prevalent and Incident Depressive Symptoms. <i>Hypertension</i> , 2020, 76, 342-349.	1.3	18
1679	Association Between Immunosuppressive Treatment and Outcomes of Cerebral Amyloid Angiopathy-Related Inflammation. <i>JAMA Neurology</i> , 2020, 77, 1261.	4.5	70
1680	Letter by Nighoghossian and Mechtouff Regarding Article, "Collateral Recruitment Is Impaired by Cerebral Small Vessel Disease" • <i>Stroke</i> , 2020, 51, e165.	1.0	2
1681	Covert Brain Infarction. <i>Stroke</i> , 2020, 51, 2597-2606.	1.0	30
1682	Practice Current. <i>Neurology: Clinical Practice</i> , 2020, 10, 362-370.	0.8	2
1683	Cerebrovascular reactivity in cerebral amyloid angiopathy, Alzheimer disease, and mild cognitive impairment. <i>Neurology</i> , 2020, 95, e1333-e1340.	1.5	18
1684	Structural network efficiency predicts cognitive decline in cerebral small vessel disease. <i>NeuroImage: Clinical</i> , 2020, 27, 102325.	1.4	17
1685	White matter atrophy in cerebral amyloid angiopathy. <i>Neurology</i> , 2020, 95, e554-e562.	1.5	22
1686	Intracranial atherosclerosis on 7T MRI and cognitive functioning. <i>Neurology</i> , 2020, 95, e1351-e1361.	1.5	9
1687	Angiogenesis-Related Genes in Endothelial Progenitor Cells May Be Involved in Sickle Cell Stroke. <i>Journal of the American Heart Association</i> , 2020, 9, e014143.	1.6	12

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1688	Cerebrovascular Correlates of Dementia in Community-Dwelling Older Adults Living in Rural Communities â€” The Three Villages Study. Rationale and Protocol of a Population-Based Prospective Cohort Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104656.	0.7	4
1689	Cholinergic white matter pathways make a stronger contribution to attention and memory in normal aging than cerebrovascular health and nucleus basalis of Meynert. <i>NeuroImage</i> , 2020, 211, 116607.	2.1	59
1691	Definition and Concept of Vascular Cognitive Impairment. <i>Stroke Revisited</i> , 2020, , 1-14.	0.2	2
1692	H-Type Hypertension Is a Risk Factor for Cerebral Small-Vessel Disease. <i>BioMed Research International</i> , 2020, 2020, 1-6.	0.9	12
1693	<p>Chronic Insomnia Is Associated with Higher Circulating Interleukin-8 in Patients with Atherosclerotic Cerebral Small Vessel Disease</p>. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 93-99.	1.4	4
1694	Neuroimaging of Intracerebral Hemorrhage. <i>Neurosurgery</i> , 2020, 86, E414-E423.	0.6	34
1695	Vascular reserve in brain resilience: pipes or perfusion?. <i>Brain</i> , 2020, 143, 390-392.	3.7	2
1696	Comparison of Manual Cross-Sectional Measurements and Automatic Volumetry of the Corpus Callosum, and Their Clinical Impact: A Study on Type 1 Diabetes and Healthy Controls. <i>Frontiers in Neurology</i> , 2020, 11, 27.	1.1	1
1697	The orbitofrontal cortex functionally links obesity and white matter hyperintensities. <i>Scientific Reports</i> , 2020, 10, 2930.	1.6	6
1698	Increased Presence of Cerebral Microbleeds Correlates With Ventricular Enlargement and Increased White Matter Hyperintensities in Alzheimerâ€™s Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 13.	1.7	9
1699	Total small vessel disease score and cerebro-cardiovascular events in healthy adults: The Kashima scan study. <i>International Journal of Stroke</i> , 2020, 15, 973-979.	2.9	9
1700	Alterations and testâ€™retest reliability of functional connectivity network measures in cerebral small vessel disease. <i>Human Brain Mapping</i> , 2020, 41, 2629-2641.	1.9	19
1701	Microvascular Phenotyping in the Maastricht Study: Design and Main Findings, 2010â€™2018. <i>American Journal of Epidemiology</i> , 2020, 189, 873-884.	1.6	23
1702	The role of cerebral microbleeds in the incidence of post-stroke dementia. <i>Journal of the Neurological Sciences</i> , 2020, 412, 116736.	0.3	10
1703	Effect of Fixed-Density Thresholding on Structural Brain Networks: A Demonstration in Cerebral Small Vessel Disease. <i>Brain Connectivity</i> , 2020, 10, 121-133.	0.8	6
1704	Cerebral microvascular complications of type 2 diabetes: stroke, cognitive dysfunction, and depression. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 325-336.	5.5	294
1705	Small Vessel Disease-Related Dementia: An Invalid Neurovascular Coupling?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1095.	1.8	42
1706	Associations of Arterial Stiffness and Carotid Atherosclerosis with Cerebral Small Vessel Disease in a Rural Community-Based Population. <i>Journal of Atherosclerosis and Thrombosis</i> , 2020, 27, 922-933.	0.9	16



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1707	The SUSTech-SYSU dataset for automatically segmenting and classifying corneal ulcers. <i>Scientific Data</i> , 2020, 7, 23.	2.4	24
1708	<i>Mind and Brain.</i> , 2020, , .		5
1709	MRI Markers of Mixed Pathology and Cognitive Impairment in Multiethnic Asians. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 1501-1509.	1.2	4
1710	Neuroimaging in Vascular Cognitive Impairment and Dementia: A Systematic Review. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 1279-1294.	1.2	39
1711	Super-resolution Ultrasound Imaging. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 865-891.	0.7	253
1712	High On-Treatment Platelet Reactivity Affects the Extent of Ischemic Lesions in Stroke Patients Due to Large-Vessel Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 251.	1.0	10
1713	Decreased visible deep medullary veins is a novel imaging marker for cerebral small vessel disease. <i>Neurological Sciences</i> , 2020, 41, 1497-1506.	0.9	18
1714	Association between Enlarged Perivascular Spaces and Internal Carotid Artery Stenosis: A Study in Patients Diagnosed by Digital Subtraction Angiography. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104635.	0.7	10
1715	White Matter Hyperintensities and the Progression of Frailtyâ€”The Tasmanian Study of Cognition and Gait. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1545-1550.	1.7	19
1716	The study on analysis of risk factors for severity of white matter lesions and its correlation with cerebral microbleeds in the elderly with lacunar infarction. <i>Medicine (United States)</i> , 2020, 99, e18865.	0.4	9
1717	Pooled cohort risk equation and subclinical cerebrovascular diseases. <i>European Journal of Neurology</i> , 2020, 27, 793-799.	1.7	2
1718	Hippocampal vascular reserve associated with cognitive performance and hippocampal volume. <i>Brain</i> , 2020, 143, 622-634.	3.7	81
1719	Metabolic Syndrome and Cardiovascular Disease Impacts on the Pathophysiology and Phenotype of HIV-Associated Neurocognitive Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2020, 50, 367-399.	0.8	11
1720	Circulating ceramide ratios and risk of vascular brain aging and dementia. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 160-168.	1.7	25
1721	Cardiac and respiration-induced brain deformations in humans quantified with high-field MRI. <i>NeuroImage</i> , 2020, 210, 116581.	2.1	38
1722	Discriminating VCID subgroups: A diffusion MRI multi-model fusion approach. <i>Journal of Neuroscience Methods</i> , 2020, 335, 108598.	1.3	6
1723	Relationship of White Matter Lesions with Intracerebral Hemorrhage Expansion and Functional Outcome: MISTIE II and CLEAR III. <i>Neurocritical Care</i> , 2020, 33, 516-524.	1.2	11
1724	APOE4 leads to bloodâ€”brain barrier dysfunction predicting cognitive decline. <i>Nature</i> , 2020, 581, 71-76.	13.7	705



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1725	Dietary Inflammatory Index and Leukoaraiosis in Patients with Ischemic Stroke. <i>Journal of Nutrition, Health and Aging</i> , 2020, 24, 473-477.	1.5	4
1726	Automatic spatial estimation of white matter hyperintensities evolution in brain MRI using disease evolution predictor deep neural networks. <i>Medical Image Analysis</i> , 2020, 63, 101712.	7.0	16
1727	Concomitant enlargement of perivascular spaces and decrease in glymphatic transport in an animal model of cerebral small vessel disease. <i>Brain Research Bulletin</i> , 2020, 161, 78-83.	1.4	37
1728	Carotid atherosclerosis, dilation, and stiffness relate to cerebral small vessel disease. <i>Neurology</i> , 2020, 94, e1811-e1819.	1.5	19
1729	Patterns and characteristics of cognitive functioning in older patients approaching end stage kidney disease, the COPE-study. <i>BMC Nephrology</i> , 2020, 21, 126.	0.8	6
1730	Thalamic Deep Brain Stimulation for tremor: The critical role of intraoperative testing. <i>Parkinsonism and Related Disorders</i> , 2020, 73, 45-49.	1.1	5
1731	Network topology and machine learning analyses reveal microstructural white matter changes underlying Chinese medicine Dengzhan Shengmai treatment on patients with vascular cognitive impairment. <i>Pharmacological Research</i> , 2020, 156, 104773.	3.1	22
1732	Home-measured orthostatic hypotension associated with cerebral small vessel disease in a community-based older population. <i>Hypertension Research</i> , 2020, 43, 798-807.	1.5	9
1733	High white matter hyperintensity burden in strategic white matter tracts relates to worse global cognitive performance in community-dwelling individuals. <i>Journal of the Neurological Sciences</i> , 2020, 414, 116835.	0.3	7
1734	Determinants of cerebral radiological progression in Fabry disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 756-763.	0.9	9
1735	Cerebral cortical microinfarcts: A novel MRI marker of vascular brain injury in patients with heart failure. <i>International Journal of Cardiology</i> , 2020, 310, 96-102.	0.8	11
1736	Three-tissue compositional analysis reveals in-vivo microstructural heterogeneity of white matter hyperintensities following stroke. <i>NeuroImage</i> , 2020, 218, 116869.	2.1	19
1737	Cerebral small vessel disease score and atherosclerosis burden – A population study in community-dwelling older adults. <i>Clinical Neurology and Neurosurgery</i> , 2020, 194, 105795.	0.6	7
1738	ALDH2 rs671 polymorphisms and the risk of cerebral microbleeds in Chinese elderly: the Taizhou Imaging Study. <i>Annals of Translational Medicine</i> , 2020, 8, 229-229.	0.7	4
1739	Cerebral small vessel disease or intracranial large vessel atherosclerosis may carry different risk for future strokes. <i>Stroke and Vascular Neurology</i> , 2020, 5, 128-137.	1.5	16
1740	Clinical characteristics of perivascular space and brain CT perfusion in stroke-free patients with intracranial and extracranial atherosclerosis of different extents. <i>Annals of Translational Medicine</i> , 2020, 8, 215-215.	0.7	12
1741	Heritable and non-heritable uncommon causes of stroke. <i>Journal of Neurology</i> , 2021, 268, 2780-2807.	1.8	27
1742	CSF amyloid is a consistent predictor of white matter hyperintensities across the disease course from aging to Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 91, 5-14.	1.5	30

#	ARTICLE	IF	CITATIONS
1743	Associations of Arterial Stiffness With Cognitive Performance, and the Role of Microvascular Dysfunction. <i>Hypertension</i> , 2020, 75, 1607-1614.	1.3	29
1744	Plasma neurofilament light chain and glial fibrillary acidic protein predict stroke in CADASIL. <i>Journal of Neuroinflammation</i> , 2020, 17, 124.	3.1	21
1745	Cortical superficial siderosis progression in cerebral amyloid angiopathy. <i>Neurology</i> , 2020, 94, e1853-e1865.	1.5	21
1746	Improving Clinical Detection of Acute Lacunar Stroke. <i>Stroke</i> , 2020, 51, 1411-1418.	1.0	11
1747	Relationship Between Venules and Perivascular Spaces in Sporadic Small Vessel Diseases. <i>Stroke</i> , 2020, 51, 1503-1506.	1.0	20
1748	Association between advanced interatrial block and small vessel diseases in the brain. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 585-591.	1.1	2
1749	Peak Width of Skeletonized Mean Diffusivity as a Marker of Diffuse Cerebrovascular Damage. <i>Frontiers in Neuroscience</i> , 2020, 14, 238.	1.4	24
1750	The Prognostic Value of High Platelet Reactivity in Ischemic Stroke Depends on the Etiology: A Pilot Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 859.	1.0	9
1751	Evaluating severity of white matter lesions from computed tomography images with convolutional neural network. <i>Neuroradiology</i> , 2020, 62, 1257-1263.	1.1	8
1752	Brain deep medullary veins on 3-T MRI in a population-based cohort. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 561-568.	2.4	24
1753	Assessment of vascular stiffness in the internal carotid artery proximal to the carotid canal in Alzheimer's disease using pulse wave velocity from low rank reconstructed 4D flow MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 298-311.	2.4	34
1754	Leukoaraiosis and acute ischemic stroke: 90-day clinical outcome following endovascular recanalization, with proposed 'ASPECTS'. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 384-390.	2.0	15
1755	The Effects of Tau, Amyloid, and White Matter Lesions on Mobility, Dual Tasking, and Balance in Older People. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 683-691.	1.7	8
1756	Neural substrates for late-life depression: A selective review of structural neuroimaging studies. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 104, 110010.	2.5	37
1757	In vivo characterization of spontaneous microhemorrhage formation in mice with cerebral amyloid angiopathy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 82-91.	2.4	19
1758	Advance of antithrombotic treatment in patients with cerebral microbleed. <i>Journal of Thrombosis and Thrombolysis</i> , 2021, 51, 530-535.	1.0	9
1759	The Impact of Strategic White Matter Hyperintensity Lesion Location on Language. <i>American Journal of Geriatric Psychiatry</i> , 2021, 29, 156-165.	0.6	9
1760	Venous disruption affects white matter integrity through increased interstitial fluid in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 157-165.	2.4	37

#	ARTICLE	IF	CITATIONS
1761	Association between Computed Tomographic Biomarkers of Cerebral Small Vessel Diseases and Long-Term Outcome after Spontaneous Intracerebral Hemorrhage. <i>Annals of Neurology</i> , 2021, 89, 266-279.	2.8	13
1762	The central vein sign in multiple sclerosis patients with vascular comorbidities. <i>Multiple Sclerosis Journal</i> , 2021, 27, 1057-1065.	1.4	16
1763	Plasma lipids are associated with white matter microstructural changes and axonal degeneration. <i>Brain Imaging and Behavior</i> , 2021, 15, 1043-1057.	1.1	10
1764	Associations Between Neuroanatomic Patterns of Cerebral Infarctions and Vascular Dementia. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2021, 33, 49-56.	0.9	6
1765	Associations of Blood Pressure and Carotid Flow Velocity with Brain Volume and Cerebral Small Vessel Disease in a Community-Based Population. <i>Translational Stroke Research</i> , 2021, 12, 248-258.	2.3	9
1766	Rationale and design of a longitudinal study of cerebral small vessel diseases, clinical and imaging outcomes in patients presenting with mild ischaemic stroke: Mild Stroke Study 3. <i>European Stroke Journal</i> , 2021, 6, 81-88.	2.7	17
1767	Increased tortuosity of bilateral distal internal carotid artery is associated with white matter hyperintensities. <i>Acta Radiologica</i> , 2021, 62, 515-523.	0.5	6
1768	Intracranial vessel wall lesions on 7T MRI and MRI features of cerebral small vessel disease: The SMART-MR study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1219-1228.	2.4	15
1769	Hypertensive Exposure Markers by MRI in Relation to Cerebral Small Vessel Disease and Cognitive Impairment. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 176-185.	2.3	18
1770	Cerebral microinfarcts disruption of remote cortical thickness. <i>Journal of the Neurological Sciences</i> , 2021, 420, 117170.	0.3	4
1771	Neuronal insulin signaling and brain structure in nondemented older adults: the Atherosclerosis Risk in Communities Study. <i>Neurobiology of Aging</i> , 2021, 97, 65-72.	1.5	11
1772	Baseline white matter hyperintensities affect the course of cognitive function after small vessel disease-related stroke: a prospective observational study. <i>European Journal of Neurology</i> , 2021, 28, 401-410.	1.7	11
1773	Hippocampal subregional volume changes in elders classified using positron emission tomography-based Alzheimer's biomarkers of amyloid deposition and neurodegeneration. <i>Journal of Neuroscience Research</i> , 2021, 99, 481-501.	1.3	6
1774	Association between polymorphisms in ABO gene and stroke patients with small artery occlusion in southern Chinese Han population. <i>Gene</i> , 2021, 769, 145211.	1.0	1
1775	The age-dependent associations of white matter hyperintensities and neurofilament light in early- and late-stage Alzheimer's disease. <i>Neurobiology of Aging</i> , 2021, 97, 10-17.	1.5	18
1776	MRI-visible perivascular spaces as an imaging biomarker in Fabry disease. <i>Journal of Neurology</i> , 2021, 268, 872-878.	1.8	9
1777	Increase in Number of Depression Symptoms Over Time is Related to Worse Cognitive Outcomes in Older Adults With Type 2 Diabetes. <i>American Journal of Geriatric Psychiatry</i> , 2021, 29, 1-11.	0.6	12
1778	Characteristic imaging features of neurovascular involvement in primary Sneddon's syndrome: an analysis of 12 cases. <i>Neurological Sciences</i> , 2021, 42, 2363-2369.	0.9	5

#	ARTICLE	IF	CITATIONS
1779	Reduced parenchymal cerebral blood flow is associated with greater progression of brain atrophy: The SMART-MR study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1229-1239.	2.4	11
1780	Long-term functional decline of spontaneous intracerebral haemorrhage survivors. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 249-254.	0.9	24
1781	Relevance of cerebral small vessel disease load scores in first-ever lacunar infarction. <i>Clinical Neurology and Neurosurgery</i> , 2021, 200, 106368.	0.6	2
1782	Diabetes, Brain Infarcts, Cognition, and Small Vessels in the Canadian Alliance for Healthy Hearts and Minds Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e891-e898.	1.8	11
1783	White matter hyperintensities and risks of cognitive impairment and dementia: A systematic review and meta-analysis of 36 prospective studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 120, 16-27.	2.9	115
1784	Cerebral Small Vessel Disease MRI Features Do Not Improve the Prediction of Stroke Outcome. <i>Neurology</i> , 2021, 96, e527-e537.	1.5	10
1785	White matter hyperintensities at critical crossroads for executive function and verbal abilities in small vessel disease. <i>Human Brain Mapping</i> , 2021, 42, 993-1002.	1.9	18
1786	Association between arterial stiffness and the presence of cerebral small vessel disease markers. <i>Brain and Behavior</i> , 2021, 11, e01935.	1.0	11
1787	Association Between Small Vessel Disease Markers, Medial Temporal Lobe Atrophy and Cognitive Impairment After Stroke: A Systematic Review and Meta-Analysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105460.	0.7	21
1788	White Matter Hypoperfusion Associated with Leukoaraiosis Predicts Intracranial Hemorrhage after Intravenous Thrombolysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105528.	0.7	4
1789	Small Vessel Disease and Ischemic Stroke Risk During Anticoagulation for Atrial Fibrillation After Cerebral Ischemia. <i>Stroke</i> , 2021, 52, 91-99.	1.0	40
1790	White Matter Hyperintensities Are No Major Confounder for Alzheimer's Disease Cerebrospinal Fluid Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 163-175.	1.2	5
1791	Association of cerebral microbleeds with cerebrospinal fluid Alzheimer's biomarkers and clinical symptoms in early dementia with Lewy bodies. <i>International Journal of Geriatric Psychiatry</i> , 2021, 36, 851-857.	1.3	9
1792	White matter integrity and structural brain network topology in cerebral small vessel disease: The Hamburg city health study. <i>Human Brain Mapping</i> , 2021, 42, 1406-1415.	1.9	20
1793	White Matter Injury Is Associated with Reduced Manual Dexterity and Elevated Serum Ceramides in Subjects with Cerebral Small Vessel Disease. <i>Cerebrovascular Diseases</i> , 2021, 50, 100-107.	0.8	6
1794	Association of enlarged perivascular spaces with A $\beta$ and tau deposition in cognitively normal older population. <i>Neurobiology of Aging</i> , 2021, 100, 32-38.	1.5	23
1795	Preoperative brain MRI features and occurrence of postoperative delirium. <i>Journal of Psychosomatic Research</i> , 2021, 140, 110301.	1.2	10
1796	A Vessel for Change: Endothelial Dysfunction in Cerebral Small Vessel Disease. <i>Trends in Neurosciences</i> , 2021, 44, 289-305.	4.2	57

#	ARTICLE	IF	CITATIONS
1797	Brain network reorganisation and spatial lesion distribution in systemic lupus erythematosus. <i>Lupus</i> , 2021, 30, 285-298.	0.8	6
1798	Neuropsychiatric symptoms associated with cerebral small vessel disease: a systematic review and meta-analysis. <i>Lancet Psychiatry</i> , 2021, 8, 225-236.	3.7	77
1799	Combined inverse Fourier transformation of magnetic resonance and <scp>intensityâ€œcurvature</scp> functional images. <i>Engineering Reports</i> , 2021, 3, e12290.	0.9	0
1800	Brain arteriolosclerosis. <i>Acta Neuropathologica</i> , 2021, 141, 1-24.	3.9	85
1801	â€œCerebral small vessel disease and other influential factors of cognitive impairment in the middle-aged: a long-term observational cohort PURE-MIND study in Polandâ€œ. <i>GeroScience</i> , 2021, 43, 279-295.	2.1	17
1802	Rates, risks and routes to reduce vascular dementia (R4vad), a UK-wide multicentre prospective observational cohort study of cognition after stroke: Protocol. <i>European Stroke Journal</i> , 2021, 6, 89-101.	2.7	15
1803	Association between cortical microinfarcts and total small vessel disease burden in cerebral amyloid angiopathy on 3â€œTesla magnetic resonance imaging. <i>European Journal of Neurology</i> , 2021, 28, 794-799.	1.7	6
1804	Susceptibility Vessel Sign in Deep Perforating Arteries in Patients with Recent Small Subcortical Infarcts. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105415.	0.7	6
1805	Cerebellar Grey Matter Volume in Older Persons Is Associated with Worse Cognitive Functioning. <i>Cerebellum</i> , 2021, 20, 9-20.	1.4	6
1806	Long-term mortality in survivors of spontaneous intracerebral hemorrhage. <i>International Journal of Stroke</i> , 2021, 16, 448-455.	2.9	11
1807	Brain amyloid and vascular risk are related to distinct white matter hyperintensity patterns. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1162-1174.	2.4	37
1808	In vivo neuroinflammation and cerebral small vessel disease in mild cognitive impairment and Alzheimerâ€™s disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 45-52.	0.9	38
1809	Hippocampal bloodâ€œbrain barrier permeability is related to the APOE4 mutation status of elderly individuals without dementia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1351-1361.	2.4	29
1810	A Review of Translational Magnetic Resonance Imaging in Human and Rodent Experimental Models of Small Vessel Disease. <i>Translational Stroke Research</i> , 2021, 12, 15-30.	2.3	18
1811	Cerebral microbleeds and their influence on cognitive impairment in Dialysis patients. <i>Brain Imaging and Behavior</i> , 2021, 15, 85-95.	1.1	8
1812	Chronic kidney disease correlates with MRI findings of cerebral small vessel disease. <i>Renal Failure</i> , 2021, 43, 255-263.	0.8	11
1813	Borderzone Infarction and Small Vessel Disease in a Sample of Egyptian Stroke Patients: Differences and Similarities. <i>Neurology India</i> , 2021, 69, 670.	0.2	3
1814	Hippocampal atrophy and cognitive function in transient ischemic attack and minor stroke patients over three years. <i>Cerebral Circulation - Cognition and Behavior</i> , 2021, 2, 100019.	0.4	2

#	ARTICLE	IF	CITATIONS
1815	Clinical Features and Outcomes of Neuropsychiatric Systemic Lupus Erythematosus in China. <i>Journal of Immunology Research</i> , 2021, 2021, 1-10.	0.9	10
1816	Research Progress on Risk Factors of Cerebral Microbleeds. <i>Advances in Clinical Medicine</i> , 2021, 11, 736-743.	0.0	0
1818	Post-stroke cognitive impairment on the Mini-Mental State Examination primarily relates to left middle cerebral artery infarcts. <i>International Journal of Stroke</i> , 2021, 16, 981-989.	2.9	16
1819	Pandemic of the aging society "sporadic cerebral small vessel disease. <i>Chinese Medical Journal</i> , 2021, 134, 143-150.	0.9	8
1820	Increased Premature Cerebral Small Vessel Diseases in Dialysis Patients: A Retrospective Cross-Sectional Study. <i>Nephron</i> , 2021, 145, 330-341.	0.9	3
1821	Genotypic and Phenotypic Characteristics of Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy from China. <i>European Neurology</i> , 2021, 84, 237-245.	0.6	2
1823	Association of Dilated Perivascular Spaces With Cognitive Decline and Incident Dementia. <i>Neurology</i> , 2021, 96, e1501-e1511.	1.5	52
1824	Systemic oxidative stress and cognitive function in Parkinson's disease with different PWMH or DWMH lesions. <i>BMC Neurology</i> , 2021, 21, 16.	0.8	10
1825	Cognition mediates the relation between structural network efficiency and gait in small vessel disease. <i>NeuroImage: Clinical</i> , 2021, 30, 102667.	1.4	17
1826	Increased risk for cerebral small vessel disease is associated with quantitative susceptibility mapping in HIV infected and uninfected individuals. <i>NeuroImage: Clinical</i> , 2021, 32, 102786.	1.4	8
1827	Gut microbiota from patients with arteriosclerotic CSVD induces higher IL-17A production in neutrophils via activating ROR $\gamma$ t. <i>Science Advances</i> , 2021, 7, .	4.7	15
1828	The Leuven late life depression (L3D) study: PET-MRI biomarkers of pathological brain ageing in late-life depression: study protocol. <i>BMC Psychiatry</i> , 2021, 21, 64.	1.1	7
1829	Hyperintense Vessel Sign in Large-Vessel Occlusion Stroke of Mild-to-Moderate Severity Ineligible for		

#	ARTICLE	IF	CITATIONS
1835	Association between infectious burden and cerebral microbleeds: a pilot cross-sectional study. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 395-405.	1.7	6
1837	Severity of Small Vessel Disease Biomarkers Reduces the Magnitude of Cognitive Recovery after Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2021, 50, 456-463.	0.8	2
1838	Association of Bone Mineral Density to Cerebral Small Vessel Disease Burden. <i>Neurology</i> , 2021, 96, e1290-e1300.	1.5	13
1839	The potential role of leukoaraiosis in remodeling the brain network to buffer cognitive decline: a Leukoaraiosis And Disability study from Alzheimer's Disease Neuroimaging Initiative. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 183-203.	1.1	2
1840	Vascular Cognitive Impairment. , 2021, , 31-59.		0
1841	Relation between physical activity and cerebral small vessel disease: A nine-year prospective cohort study. <i>International Journal of Stroke</i> , 2021, 16, 962-971.	2.9	8
1842	Delayed Gadolinium Leakage in Ocular Structures. <i>Investigative Radiology</i> , 2021, 56, 425-432.	3.5	7
1843	Effects of Pemafibrate in Patients with Stroke and Hypertriglyceridemia: Baseline Cerebral Artery Diseases and 3-Month Laboratory Outcomes. <i>Journal of Atherosclerosis and Thrombosis</i> , 2022, 29, 1020-1030.	0.9	2
1844	Long-term hemodialysis may affect enlarged perivascular spaces in maintenance hemodialysis patients: evidence from a pilot MRI study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 341-353.	1.1	2
1845	White matter changes, duration of hypertension, and age are associated with cerebral microbleeds in patients with different stages of hypertension. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 119-130.	1.1	4
1846	Correlation between total homocysteine and cerebral small vessel disease: A Mendelian randomization study. <i>European Journal of Neurology</i> , 2021, 28, 1931-1938.	1.7	31
1847	PET and SPECT Imaging of Neurodegenerative Diseases. , 2021, , 1309-1334.		0
1848	Associated factors of white matter hyperintensity volume: a machine-learning approach. <i>Scientific Reports</i> , 2021, 11, 2325.	1.6	14
1849	White matter hyperintensities induce distal deficits in the connected fibers. <i>Human Brain Mapping</i> , 2021, 42, 1910-1919.	1.9	15
1850	Zooming in on cerebral small vessel function in small vessel diseases with 7T MRI: Rationale and design of the "ZOOM@SVDs" study. <i>Cerebral Circulation - Cognition and Behavior</i> , 2021, 2, 100013.	0.4	8
1852	3D Multi-Scale Residual Network Toward Lacunar Infarcts Identification From MR Images With Minimal User Intervention. <i>IEEE Access</i> , 2021, 9, 11787-11797.	2.6	3
1853	Vascular Contributions to Neurodegeneration: Protocol of the COMPASS-ND Study. <i>Canadian Journal of Neurological Sciences</i> , 2021, , 1-8.	0.3	6
1854	The neuroimaging of neurodegenerative and vascular disease in the secondary prevention of cognitive decline. <i>Neural Regeneration Research</i> , 2021, 16, 1490.	1.6	2



#	ARTICLE	IF	CITATIONS
1855	Longitudinal Changes in Macular Optical Coherence Tomography Angiography Metrics in Primary Open-Angle Glaucoma With High Myopia: A Prospective Study. , 2021, 62, 30.		21
1856	Cerebral Vessels: An Overview of Anatomy, Physiology, and Role in the Drainage of Fluids and Solutes. <i>Frontiers in Neurology</i> , 2020, 11, 611485.	1.1	45
1857	Frailty, MRI, and FDG-PET Measures in an Australian Memory Clinic Cohort. <i>Frontiers in Medicine</i> , 2020, 7, 578243.	1.2	9
1858	Association between large artery stenosis, cerebral small vessel disease and risk of ischemic stroke. <i>Science China Life Sciences</i> , 2021, 64, 1473-1480.	2.3	10
1860	Clinically oriented Alzheimer's biosensors: expanding the horizons towards point-of-care diagnostics and beyond. <i>RSC Advances</i> , 2021, 11, 20403-20422.	1.7	6
1861	Improved amyloid burden quantification with nonspecific estimates using deep learning. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 1842-1853.	3.3	12
1862	The Effect of Aging and Small-Vessel Disease Burden on Hematoma Location in Patients with Acute Intracerebral Hemorrhage. <i>Cerebrovascular Diseases</i> , 2021, 50, 526-534.	0.8	1
1863	Advances in Understanding the Pathogenesis of Lacunar Stroke: From Pathology and Pathophysiology to Neuroimaging. <i>Cerebrovascular Diseases</i> , 2021, 50, 588-596.	0.8	15
1864	Impact of the ambulatory blood pressure monitoring profile on cognitive and imaging findings of cerebral small-vessel disease in older adults with cognitive complaints. <i>Journal of Human Hypertension</i> , 2022, 36, 14-23.	1.0	7
1865	Striped occipital cortex and intragyral hemorrhage: Novel magnetic resonance imaging markers for cerebral amyloid angiopathy. <i>International Journal of Stroke</i> , 2021, 16, 1031-1038.	2.9	5
1866	Clinically accessible neuroimaging predictors of post-stroke neurocognitive disorder: a prospective observational study. <i>BMC Neurology</i> , 2021, 21, 89.	0.8	18
1868	Clinical manifestations and issues of diagnosis of chronic cerebrovascular disease (chronic cerebral) Tj ETQq1 1 0.784314 rgBT /Overl	0.2	21
1869	Cerebrovascular disease in patients with cognitive impairment: A white paper from the ESO dementia committee " A practical point of view with suggestions for the management of cerebrovascular diseases in memory clinics. <i>European Stroke Journal</i> , 2021, 6, 111-119.	2.7	9
1870	The Omega-3 Fatty Acid Eicosapentaenoic Acid (EPA) Correlates Inversely with Ischemic Brain Infarcts in Patients with Atrial Fibrillation. <i>Nutrients</i> , 2021, 13, 651.	1.7	7
1871	CD34 <sup>+</sup> cells and endothelial progenitor cell subpopulations are associated with cerebral small vessel disease burden. <i>Biomarkers in Medicine</i> , 2021, 15, 191-200.	0.6	6
1872	Left ventricular ejection fraction and right atrial diameter are associated with deep regional CBF in arteriosclerotic cerebral small vessel disease. <i>BMC Neurology</i> , 2021, 21, 67.	0.8	2
1873	Cerebral Small Vessel Disease and Functional Outcome Prediction After Intracerebral Hemorrhage. <i>Neurology</i> , 2021, 96, e1954-e1965.	1.5	10
1874	Increased insulin resistance is associated with vascular cognitive impairment in Chinese patients with cerebral small vessel disease. <i>Psychogeriatrics</i> , 2021, 21, 342-349.	0.6	6

#	ARTICLE	IF	CITATIONS
1875	The Prevalence and Risk Factors of Cerebral Microbleeds: A Community-Based Study in China. <i>Therapeutics and Clinical Risk Management</i> , 2021, Volume 17, 165-171.	0.9	7
1876	Incident cerebral microbleeds and hypertension defined by the 2017 ACC/AHA Guidelines. <i>Annals of Translational Medicine</i> , 2021, 9, 314-314.	0.7	11
1877	Cerebral microbleeds: from depiction to interpretation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 598-607.	0.9	58
1878	The silent occurrence of cerebral small vessel disease in nonelderly patients with type 2 diabetes mellitus. <i>Journal of Diabetes</i> , 2021, 13, 735-743.	0.8	3
1879	Show Me Your White Matter, I Will Tell You Who You Are. <i>Stroke</i> , 2021, 52, 631-633.	1.0	0
1880	Lenticulostriate artery combined with neuroimaging markers of cerebral small vessel disease differentiate the pathogenesis of recent subcortical infarction. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 0271678X2199262.	2.4	20
1882	Cerebral small vessel disease may worsen motor function, cognition, and mood in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2021, 83, 86-92.	1.1	40
1883	Efficacy and Safety of Intravenous rtPA in Ischemic Strokes Due to Small-Vessel Occlusion: Systematic Review and Meta-Analysis. <i>Translational Stroke Research</i> , 2021, 12, 406-415.	2.3	12
1884	Identification of Biomarkers in Patients with Thrombotic Thrombocytopenic Purpura Presenting with Large and Small Ischemic Stroke. <i>Cerebrovascular Diseases Extra</i> , 2021, 11, 29-36.	0.5	5
1885	Association of White Matter Hyperintensities With HIV Status and Vascular Risk Factors. <i>Neurology</i> , 2021, 96, e1823-e1834.	1.5	20
1886	Perivascular Space Imaging at Ultrahigh Field MR Imaging. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2021, 29, 67-75.	0.6	19
1887	White Matter Free Water is a Composite Marker of Cerebral Small Vessel Degeneration. <i>Translational Stroke Research</i> , 2021, , 1.	2.3	12
1888	Neurofilament light chain predicts future dementia risk in cerebral small vessel disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 582-589.	0.9	15
1889	Unfavorable Dynamics of Platelet Reactivity during Clopidogrel Treatment Predict Severe Course and Poor Clinical Outcome of Ischemic Stroke. <i>Brain Sciences</i> , 2021, 11, 257.	1.1	2
1890	Cerebral Small Vessel Disease Load Predicts Functional Outcome and Stroke Recurrence After Intracerebral Hemorrhage: A Median Follow-Up of 5 Years. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 628271.	1.7	17
1891	Elevated hemoglobin is independently associated with enlarged perivascular spaces in the central semiovale. <i>Scientific Reports</i> , 2021, 11, 2820.	1.6	3
1892	White matter network damage mediates association between cerebrovascular disease and cognition. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 0271678X2199098.	2.4	14
1893	Cerebral alterations in West African HIV and non-HIV adults aged ≥50: An MRI study. <i>International Journal of Infectious Diseases</i> , 2021, 103, 457-463.	1.5	6

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1894	Late-life depression accentuates cognitive weaknesses in older adults with small vessel disease. <i>Neuropsychopharmacology</i> , 2022, 47, 580-587.	2.8	12
1895	Blood Pressure and Brain Lesions in Patients With Atrial Fibrillation. <i>Hypertension</i> , 2021, 77, 662-671.	1.3	8
1896	Cerebral Amyloid Angiopathy in Amyloid-Positive Patients from a Memory Clinic Cohort. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 1661-1672.	1.2	8
1897	Association of Memory Impairment With Concomitant Tau Pathology in Patients With Cerebral Amyloid Angiopathy. <i>Neurology</i> , 2021, 96, e1975-e1986.	1.5	16
1898	High Diagnostic Utility Incorporating a Targeted Neurodegeneration Gene Panel With MRI Brain Diagnostic Algorithms in Patients With Young-Onset Cognitive Impairment With Leukodystrophy. <i>Frontiers in Neurology</i> , 2021, 12, 631407.	1.1	3
1899	Cognitive impairment in patients with cerebrovascular disease: A white paper from the links between stroke ESO Dementia Committee. <i>European Stroke Journal</i> , 2021, 6, 5-17.	2.7	37
1900	The relation of depression with structural brain abnormalities and cognitive functioning: the Maastricht study. <i>Psychological Medicine</i> , 2022, 52, 3521-3530.	2.7	7
1901	Lacunae, Microinfarcts, and Vascular Dysfunction in Cerebral Amyloid Angiopathy. <i>Neurology</i> , 2021, 96, e1646-e1654.	1.5	10
1902	Cerebrovascular and Neurodegenerative Pathologies in Long-Term Stable Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 1269-1283.	1.2	3
1903	Diets and Cellular-Derived Microparticles: Weighing a Plausible Link With Cerebral Small Vessel Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 632131.	1.1	6
1904	Plasma osteopontin as a biomarker of Alzheimer's disease and vascular cognitive impairment. <i>Scientific Reports</i> , 2021, 11, 4010.	1.6	43
1905	Low-Dose vs Standard-Dose Alteplase in Acute Lacunar Ischemic Stroke. <i>Neurology</i> , 2021, 96, e1512-e1526.	1.5	16
1906	The role of brain perivascular space burden in early-stage Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2021, 7, 12.	2.5	30
1908	Reshaping the path of vascular cognitive impairment with resistance training: a study protocol for a randomized controlled trial. <i>Trials</i> , 2021, 22, 217.	0.7	5
1909	Amyloid Positivity in the Alzheimer/Subcortical-Vascular Spectrum. <i>Neurology</i> , 2021, 96, e2201-e2211.	1.5	19
1910	Exploring the Contribution of Myelin Content in Normal Appearing White Matter to Cognitive Outcomes in Cerebral Small Vessel Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 91-101.	1.2	9
1912	The effect of intracranial stenosis on cognitive decline in a memory clinic cohort. <i>European Journal of Neurology</i> , 2021, 28, 1829-1839.	1.7	5
1913	Amyloid related cerebral microbleed and plasma A $\beta$ 40 are associated with cognitive decline in Parkinson's disease. <i>Scientific Reports</i> , 2021, 11, 7115.	1.6	14

#	ARTICLE	IF	CITATIONS
1915	Clinical Relevance of Cortical Cerebral Microinfarcts on 1.5T Magnetic Resonance Imaging in the Late-Adult Population. <i>Stroke</i> , 2021, 52, 922-930.	1.0	6
1916	Intracerebral Hemorrhage in Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. <i>Stroke</i> , 2021, 52, 985-993.	1.0	25
1917	Imaging Markers of Brain Frailty and Outcome in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2021, 52, 1004-1011.	1.0	33
1918	Individual markers of cerebral small vessel disease and domain-specific quality of life deficits. <i>Brain and Behavior</i> , 2021, 11, e02106.	1.0	3
1919	Enlarged periventricular space and periventricular lesion extension on baseline brain MRI predicts poor neurological outcomes in cryptococcus meningoenophalitis. <i>Scientific Reports</i> , 2021, 11, 6446.	1.6	12
1920	Disentangling the pathologies linking white matter hyperintensity and geriatric depressive symptoms in subjects with different degrees of vascular impairment. <i>Journal of Affective Disorders</i> , 2021, 282, 1005-1010.	2.0	7
1921	Peak Width of Skeletonized Mean Diffusivity as Neuroimaging Biomarker in Cerebral Amyloid Angiopathy. <i>American Journal of Neuroradiology</i> , 2021, 42, 875-881.	1.2	21
1922	Detection of Cerebral Microbleeds With Venous Connection at 7-Tesla MRI. <i>Neurology</i> , 2021, 96, e2048-e2057.	1.5	19
1923	Deep white matter hyperintensity is associated with the dilation of perivascular space. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2370-2380.	2.4	34
1924	Hippocampal subfields atrophy contribute more to cognitive impairment in middle-aged patients with type 2 diabetes rather than microvascular lesions. <i>Acta Diabetologica</i> , 2021, 58, 1023-1033.	1.2	13
1925	Silent cerebral infarcts in sickle cell disease: Really silent?. <i>Journal of Neuroradiology</i> , 2021, 48, 471-472.	0.6	1
1927	Association of White Matter Hyperintensity Markers on MRI and Long-term Risk of Mortality and Ischemic Stroke. <i>Neurology</i> , 2021, 96, e2172-e2183.	1.5	23
1928	Magnetic resonance imaging in the diagnosis of non-tumorous multifocal brain lesions mimicking multiple sclerosis. <i>Almanah Kliničeskoj Mediciny</i> , 2021, 49, 89-97.	0.2	0
1929	Age and Sex Differences in the Associations of Pulse Pressure With White Matter and Subcortical Microstructure. <i>Hypertension</i> , 2021, 77, 938-947.	1.3	16
1930	Small vessel disease burden and intracerebral haemorrhage in patients taking oral anticoagulants. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 805-814.	0.9	17
1931	Carotid intima-media thickness and arterial stiffness in relation to cerebral small vessel disease in neurologically asymptomatic individuals with type 1 diabetes. <i>Acta Diabetologica</i> , 2021, 58, 929-937.	1.2	9
1932	Baseline Blood-Brain Barrier Leakage and Longitudinal Microstructural Tissue Damage in the Periphery of White Matter Hyperintensities. <i>Neurology</i> , 2021, 96, e2192-e2200.	1.5	22
1933	Differential Effects of Serum Lipoprotein-Associated Phospholipase A2 on Periventricular and Deep Subcortical White Matter Hyperintensity in Brain. <i>Frontiers in Neurology</i> , 2021, 12, 605372.	1.1	5

#	ARTICLE	IF	CITATIONS
1934	Perivascular Spaces in the Basal Ganglia and Long-term Motor Prognosis in Newly Diagnosed Parkinson Disease. <i>Neurology</i> , 2021, 96, e2121-e2131.	1.5	32
1935	Magnetic Resonance Imaging in Childhood Primary Hypertension. <i>Hypertension</i> , 2021, 77, 751-758.	1.3	7
1936	Automatic segmentation of white matter hyperintensities from brain magnetic resonance images in the era of deep learning and big data – A systematic review. <i>Computerized Medical Imaging and Graphics</i> , 2021, 88, 101867.	3.5	29
1937	Neuroimaging in dementia. <i>Wiener Medizinische Wochenschrift</i> , 2021, 171, 274-281.	0.5	5
1938	Circulating AQP4 Levels in Patients with Cerebral Amyloid Angiopathy-Associated Intracerebral Hemorrhage. <i>Journal of Clinical Medicine</i> , 2021, 10, 989.	1.0	5
1939	Utility of 7 Tesla Magnetic Resonance Imaging in Patients With Epilepsy: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2021, 12, 621936.	1.1	17
1941	Periventricular and deep abnormal white matter differ in associations with cognitive performance at midlife.. <i>Neuropsychology</i> , 2021, 35, 252-264.	1.0	3
1942	The Association between Cerebral Small Vessel Disease and the Gut Microbiome: A Cross-Sectional Analysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105568.	0.7	18
1943	Plasma hydrogen sulfide: A biomarker of Alzheimer's disease and related dementias. <i>Alzheimer's and Dementia</i> , 2021, 17, 1391-1402.	0.4	46
1944	Apathy in small vessel cerebrovascular disease is associated with deficits in effort-based decision making. <i>Brain</i> , 2021, 144, 1247-1262.	3.7	25
1945	Electrical Activity During Slow-Wave Sleep and the Relationship With Enlarged Perivascular Spaces in Arteriosclerotic Cerebral Small Vessel Disease. <i>Journal of Clinical Neurophysiology</i> , 2021, Publish Ahead of Print, .	0.9	4
1946	<i>NOTCH3</i> variants are more common than expected in the general population and associated with stroke and vascular dementia: an analysis of 200 000 participants. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 694-701.	0.9	39
1947	Association of Plasma Neurofilament Light With Small Vessel Disease Burden in Nondemented Elderly. <i>Stroke</i> , 2021, 52, 896-904.	1.0	31
1948	Prevalence and risk factors for brain white matter changes in young and middle-aged participants with Brain Dock (brain screening): a registry database study and literature review. <i>Aging</i> , 2021, 13, 9496-9509.	1.4	6
1949	Neuropsychological and neuroimaging characteristics of classical superficial siderosis. <i>Journal of Neurology</i> , 2021, 268, 4238-4247.	1.8	11
1950	Neural correlates of cricopharyngeal dysfunction after supratentorial stroke: A voxel-based lesion-symptom mapping with propensity score matched case–control. <i>International Journal of Stroke</i> , 2022, 17, 207-217.	2.9	8
1951	Epilepsy, interictal EEG abnormalities and hippocampal atrophy in patients with calcified neurocysticercosis: a population study in an endemic milieu. <i>Epileptic Disorders</i> , 2021, 23, 357-365.	0.7	5
1952	White matter abnormalities are key components of cerebrovascular disease impacting cognitive decline. <i>Brain Communications</i> , 2021, 3, fcab076.	1.5	13

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1953	Biphasic Effects of Ethanol Exposure on Waste Metabolites Clearance in the CNS. <i>Molecular Neurobiology</i> , 2021, 58, 3953-3967.	1.9	3
1954	Peripheral Vascular Resistance in Cerebral Arteries in Patients With Carotid Atherosclerosis – Substudy Results of the Atherosclerotic Plaque Characteristics Associated With a Progression Rate of the Plaque and a Risk of Stroke in Patients With the Carotid Bifurcation Plaque Study (<sc>ANTIQUE</sc>). <i>Journal of Ultrasound in Medicine</i> , 2022, 41, 237-246.	0.8	4
1955	Association between white matter hyperintensity load and grey matter atrophy in mild cognitive impairment is not unidirectional. <i>Aging</i> , 2021, 13, 10973-10988.	1.4	8
1956	Cortical and Subcortical Grey Matter Abnormalities in White Matter Hyperintensities and Subsequent Cognitive Impairment. <i>Neuroscience Bulletin</i> , 2021, 37, 789-803.	1.5	14
1957	Diffusion models reveal white matter microstructural changes with ageing, pathology and cognition. <i>Brain Communications</i> , 2021, 3, fcab106.	1.5	38
1958	Current Management and Therapeutic Strategies for Cerebral Amyloid Angiopathy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3869.	1.8	10
1959	Primary empty sella: The risk factors and associations with the cerebral small vessel diseases – An observational study. <i>Clinical Neurology and Neurosurgery</i> , 2021, 203, 106586.	0.6	1
1960	Current Development and Applications of Super-Resolution Ultrasound Imaging. <i>Sensors</i> , 2021, 21, 2417.	2.1	23
1961	Iron Deposition Characteristics of Deep Gray Matter in Elderly Individuals in the Community Revealed by Quantitative Susceptibility Mapping and Multiple Factor Analysis. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 611891.	1.7	12
1962	The Relationship Between Cognition and Cerebrovascular Reactivity: Implications for Task-Based fMRI. <i>Frontiers in Physics</i> , 2021, 9, .	1.0	14
1963	Neuroimaging Biomarkers of Chronic Traumatic Encephalopathy: Targets for the Academic Memory Disorders Clinic. <i>Neurotherapeutics</i> , 2021, 18, 772-791.	2.1	13
1964	Long-term neurobehavioral correlates of brain cortical microinfarcts in a memory clinic cohort in Singapore. <i>International Journal of Stroke</i> , 2022, 17, 218-225.	2.9	2
1965	Comparison of treatment position with mask immobilization and standard diagnostic setup in intracranial MRI radiotherapy simulation. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 614-621.	1.0	3
1967	Activation-Induced Rigidity in Neurologically and Cognitively Healthy Individuals Aged 18–90 Years: A Cross-Sectional Study. <i>Journal of Parkinson's Disease</i> , 2021, 11, 847-856.	1.5	0
1968	Cerebral cortical microinfarcts in patients with internal carotid artery occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2690-2698.	2.4	5
1969	Classification differentiates clinical and neuroanatomic features of cerebral small vessel disease. <i>Brain Communications</i> , 2021, 3, fcab107.	1.5	10
1970	Micro-MRI improves the accuracy of clinical diagnosis in cerebral small vessel disease. <i>Brain Communications</i> , 2021, 3, fcab070.	1.5	2
1971	Application of the ATN classification scheme in a population without dementia: Findings from the EPAD cohort. <i>Alzheimer's and Dementia</i> , 2021, 17, 1189-1204.	0.4	44



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1972	An anomaly detection approach to identify chronic brain infarcts on MRI. <i>Scientific Reports</i> , 2021, 11, 7714.	1.6	33
1973	Circulating Angiotensin-(1 $\hat{c}$ 7) Is Reduced in Alzheimer $\hat{c}$ s Disease Patients and Correlates With White Matter Abnormalities: Results From a Pilot Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 636754.	1.4	13
1974	An anatomical knowledge-based MRI deep learning pipeline for white matter hyperintensity quantification associated with cognitive impairment. <i>Computerized Medical Imaging and Graphics</i> , 2021, 89, 101873.	3.5	5
1975	Apolipoprotein E genotype predicts subarachnoid extension in spontaneous intracerebral haemorrhage. <i>European Journal of Neurology</i> , 2021, 28, 1992-1999.	1.7	3
1976	Cerebrovascular Disease and Cognitive Outcome in Patients with Cardiac Disease. <i>Seminars in Neurology</i> , 2021, 41, 463-472.	0.5	5
1977	Contribution of Racial and Ethnic Differences in Cerebral Small Vessel Disease Subtype and Burden to Risk of Cerebral Hemorrhage Recurrence. <i>Neurology</i> , 2021, 96, e2469-e2480.	1.5	17
1978	Metabolic syndrome, intracranial arterial stenosis and cerebral small vessel disease in community-dwelling populations. <i>Stroke and Vascular Neurology</i> , 2021, 6, 589-594.	1.5	16
1979	Dilated perivascular space is related to reduced free-water in surrounding white matter among healthy adults and elderlies but not in patients with severe cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2561-2570.	2.4	11
1980	Investigation of hypertensive arteriopathy-related and cerebral amyloid angiopathy-related small vessel disease scores in patients from a memory clinic: a prospective single-centre study. <i>BMJ Open</i> , 2021, 11, e042550.	0.8	7
1981	Association of Trimethylamine N-Oxide and Its Precursor With Cerebral Small Vessel Imaging Markers. <i>Frontiers in Neuroscience</i> , 2021, 12, 648702.	1.1	8
1982	Efficacy and Safety of the Association of Nimodipine and Choline Alphoscerate in the Treatment of Cognitive Impairment in Patients with Cerebral Small Vessel Disease. The CONIVaD Trial. <i>Drugs and Aging</i> , 2021, 38, 481-491.	1.3	6
1983	A Mutual Multi-Scale Triplet Graph Convolutional Network for Classification of Brain Disorders Using Functional or Structural Connectivity. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 1279-1289.	5.4	71
1984	Cerebral Microbleeds, Cerebrospinal Fluid, and Neuroimaging Markers in Clinical Subtypes of Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2021, 12, 543866.	1.1	7
1985	Visit-to-Visit Blood Pressure Variability, Neuropathology, and Cognitive Decline. <i>Neurology</i> , 2021, 96, e2812-e2823.	1.5	33
1986	Cerebral Microbleeds Are Associated with Impairments in Executive Function and Processing Speed. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 255-262.	1.2	6
1988	Hemostasis components in cerebral amyloid angiopathy and Alzheimer $\hat{c}$ s disease. <i>Neurological Sciences</i> , 2021, 42, 3177-3188.	0.9	11
1989	Preoperative MRI brain phenotypes are related to postoperative delirium in older individuals. <i>Neurobiology of Aging</i> , 2021, 101, 247-255.	1.5	8
1990	MRI-Visible Perivascular Spaces in the Centrum Semiovale Are Associated with Brain Amyloid Deposition in Patients with Alzheimer Disease $\hat{c}$ Related Cognitive Impairment. <i>American Journal of Neuroradiology</i> , 2021, 42, 1231-1238.	1.2	17



#	ARTICLE	IF	CITATIONS
1991	Genetic basis of lacunar stroke: a pooled analysis of individual patient data and genome-wide association studies. <i>Lancet Neurology</i> , The, 2021, 20, 351-361.	4.9	95
1992	Intracranial Atherosclerotic Burden and Cerebral Parenchymal Changes at 7T MRI in Patients With Transient Ischemic Attack or Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 637556.	1.1	4
1993	The associations of increased cerebral small vessel disease with cognitive impairment in neurosyphilis presenting with ischemic stroke. <i>Brain and Behavior</i> , 2021, 11, e02187.	1.0	8
1994	Gait Impairment and Upper Extremity Disturbance Are Associated With Total Magnetic Resonance Imaging Cerebral Small Vessel Disease Burden. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 640844.	1.7	10
1996	Association of Heart Rate Variability With Silent Brain Infarcts in Patients With Atrial Fibrillation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 684461.	1.1	2
1997	Total Cerebral Small Vessel Score Association With Hoehn and Yahr Stage in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 682776.	1.7	9
1998	Decreased Basal Ganglia Volume in Cerebral Amyloid Angiopathy. <i>Journal of Stroke</i> , 2021, 23, 223-233.	1.4	3
1999	Cognitive impact of cerebral microbleeds in patients with symptomatic small vessel disease. <i>International Journal of Stroke</i> , 2022, 17, 415-424.	2.9	23
2000	The Contribution of Small Vessel Disease to Neurodegeneration: Focus on Alzheimer's Disease, Parkinson's Disease and Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4958.	1.8	28
2001	Diabetes, Albuminuria and the Kidney-Brain Axis. <i>Journal of Clinical Medicine</i> , 2021, 10, 2364.	1.0	9
2002	Functional connectivity changes in cerebral small vessel disease - a systematic review of the resting-state MRI literature. <i>BMC Medicine</i> , 2021, 19, 103.	2.3	24
2003	Microglial activation and blood-brain barrier permeability in cerebral small vessel disease. <i>Brain</i> , 2021, 144, 1361-1371.	3.7	62
2004	Investigating the microstructural properties of normal-appearing white matter (NAWM) preceding conversion to white matter hyperintensities (WMHs) in stroke survivors. <i>NeuroImage</i> , 2021, 232, 117839.	2.1	16
2005	Lacunar stroke: mechanisms and therapeutic implications. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 823-830.	0.9	27
2006	White matter hyperintensity in different migraine subtypes. <i>Scientific Reports</i> , 2021, 11, 10881.	1.6	15
2007	Diurnal Blood Pressure and Heart Rate Variability in Hypertensive Patients with Cerebral Small Vessel Disease: A Case-Control Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105673.	0.7	9
2008	Clinical Outcomes and Medical Costs of Hydration Therapy with Hydroxyethyl Starch (130/0.4) or Acute Single Infarction. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105705.	0.7	0
2009	The Interrelation Between Chronic Headache, Cognitive Scores, and MRI Markers Among Stroke Survivors. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 1555-1566.	1.2	1

#	ARTICLE	IF	CITATIONS
2010	Perivascular spaces and brain waste clearance systems: relevance for neurodegenerative and cerebrovascular pathology. <i>Neuroradiology</i> , 2021, 63, 1581-1597.	1.1	50
2011	Quantity and Morphology of Perivascular Spaces: Associations With Vascular Risk Factors and Cerebral Small Vessel Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1326-1336.	1.9	15
2012	Agreement between neuroimages and reports for natural language processing-based detection of silent brain infarcts and white matter disease. <i>BMC Neurology</i> , 2021, 21, 189.	0.8	10
2013	Prevalence of cerebral amyloid angiopathy: A systematic review and meta-analysis. <i>Alzheimer's and Dementia</i> , 2022, 18, 10-28.	0.4	93
2014	Carotid Atherosclerotic Calcification Characteristics Relate to Post-stroke Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 682908.	1.7	3
2015	Imaging of Spontaneous Intracerebral Hemorrhage. <i>Neuroimaging Clinics of North America</i> , 2021, 31, 193-203.	0.5	9
2016	ESO Guideline on covert cerebral small vessel disease. <i>European Stroke Journal</i> , 2021, 6, CXI-CLXII.	2.7	68
2017	Pro-inflammatory Monocyte Phenotype During Acute Progression of Cerebral Small Vessel Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 639361.	1.1	8
2018	Incidental T2 hyperintensities in the medial part of the bilateral globus pallidus are possibly an age-related physiological finding. <i>Neuroradiology Journal</i> , 2021, 34, 575-584.	0.6	3
2019	Association of cerebral microbleeds with risks of cognitive impairment and dementia: A systematic review and meta-analysis of prospective studies. <i>Brain Disorders</i> , 2021, 2, 100010.	1.1	4
2020	Risk factors analysis according to regional distribution of white matter hyperintensities in a stroke cohort. <i>European Radiology</i> , 2022, 32, 272-280.	2.3	6
2021	Dietary Oily Fish Intake is Inversely Associated with Severity of White Matter Hyperintensities of Presumed Vascular Origin. A Population-Based Study in Frequent Fish Consumers of Amerindian Ancestry. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105778.	0.7	7
2022	Preserved cholinergic forebrain integrity reduces structural connectome vulnerability in mild cognitive impairment. <i>Journal of the Neurological Sciences</i> , 2021, 425, 117443.	0.3	2
2023	APOE4 accelerates advanced-stage vascular and neurodegenerative disorder in old Alzheimer's mice via cyclophilin A independently of amyloid- $\beta$ . <i>Nature Aging</i> , 2021, 1, 506-520.	5.3	77
2024	Cerebral small vessel disease burden and longitudinal cognitive decline from age 73 to 82: the Lothian Birth Cohort 1936. <i>Translational Psychiatry</i> , 2021, 11, 376.	2.4	19
2025	White matter hyperintensity volume in pre-diabetes, diabetes and normoglycemia. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002050.	1.2	8
2026	Blood-brain barrier leakage at baseline and cognitive decline in cerebral small vessel disease: a 2-year follow-up study. <i>GeroScience</i> , 2021, 43, 1643-1652.	2.1	27
2027	A Comparison of CVR Magnitude and Delay Assessed at 1.5 and 3T in Patients With Cerebral Small Vessel Disease. <i>Frontiers in Physiology</i> , 2021, 12, 644837.	1.3	9

#	ARTICLE	IF	CITATIONS
2028	Pre-stroke cognitive impairment is associated with vascular imaging pathology: a prospective observational study. <i>BMC Geriatrics</i> , 2021, 21, 362.	1.1	9
2029	COVID-19 Infection and Circulating Microparticles—Reviewing Evidence as Microthrombogenic Risk Factor for Cerebral Small Vessel Disease. <i>Molecular Neurobiology</i> , 2021, 58, 4188-4215.	1.9	16
2030	Hippocampal vascularization patterns exert local and distant effects on brain structure but not vascular pathology in old age. <i>Brain Communications</i> , 2021, 3, fcab127.	1.5	9
2031	Influence of cardiovascular risk-factors on morphological changes of cerebral arteries in healthy adults across the life span. <i>Scientific Reports</i> , 2021, 11, 12236.	1.6	11
2033	Increased extracellular fluid is associated with white matter fiber degeneration in CADASIL: in vivo evidence from diffusion magnetic resonance imaging. <i>Fluids and Barriers of the CNS</i> , 2021, 18, 29.	2.4	15
2034	Absolute Cardiovascular Disease Risk Is Associated With the Incidence of Non-amnestic Cognitive Impairment in Japanese Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 685683.	1.7	6
2035	Disrupted Structural Brain Connectome Is Related to Cognitive Impairment in Patients With Ischemic Leukoaraiosis. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 654750.	1.0	8
2036	MTT and Blood-Brain Barrier Disruption within Asymptomatic Vascular WM Lesions. <i>American Journal of Neuroradiology</i> , 2021, 42, 1396-1402.	1.2	7
2037	Machine-learning method for localization of cerebral white matter hyperintensities in healthy adults based on retinal images. <i>Brain Communications</i> , 2021, 3, fcab124.	1.5	11
2038	3D Segmentation of Perivascular Spaces on T1-Weighted 3 Tesla MR Images With a Convolutional Autoencoder and a U-Shaped Neural Network. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 641600.	1.3	20
2039	Cortical Thickness and Its Association with Clinical Cognitive and Neuroimaging Markers in Cerebral Amyloid Angiopathy. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 1663-1671.	1.2	17
2040	Correlations in post-mortem imaging—histopathology studies of sporadic human cerebral small vessel disease: A systematic review. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 910-930.	1.8	17
2041	Diffusion-weighted imaging lesions and risk of recurrent stroke after intracerebral haemorrhage. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 950-955.	0.9	9
2042	High burden of cerebral white matter lesion in 9 Asian cities. <i>Scientific Reports</i> , 2021, 11, 11587.	1.6	15
2043	Arterial Spin Labeling Imaging Assessment of Cerebrovascular Reactivity in Hypertensive Small Vessel Disease. <i>Frontiers in Neurology</i> , 2021, 12, 640069.	1.1	8
2044	Cortical cerebral microinfarcts on 7T MRI: Risk factors, neuroimaging correlates and cognitive functioning — The Medea-7T study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 3127-3138.	2.4	7
2045	Detecting cerebral microbleeds via deep learning with features enhancement by reusing ground truth. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 204, 106051.	2.6	9
2046	Early markers and predictors of cerebrovascular diseases in a group of young and middle-aged employees of the EMERCOM of Russia. <i>Regional Blood Circulation and Microcirculation</i> , 2021, 20, 27-36.	0.1	0

#	ARTICLE	IF	CITATIONS
2047	Imaging Parameters Predict Recurrence After Transient Ischemic Attack or Minor Stroke Stratified by ABCD <sup>2</sup> Score. <i>Stroke</i> , 2021, 52, 2007-2015.	1.0	14
2048	Cholinergic basal forebrain and hippocampal structure influence visuospatial memory in Parkinson's disease. <i>Brain Imaging and Behavior</i> , 2022, 16, 118-129.	1.1	7
2049	High Erythrocyte Sedimentation Rate is Associated with White Matter Hyperintensity in a Healthy Population. <i>Journal of Neurosonology and Neuroimaging</i> , 2021, 13, 7-13.	0.0	0
2050	Prediction of Cognitive Recovery After Stroke: The Value of Diffusion-Weighted Imaging-Based Measures of Brain Connectivity. <i>Stroke</i> , 2021, 52, 1983-1992.	1.0	7
2051	Age, sex, and cerebral microbleeds in EFAD Alzheimer disease mice. <i>Neurobiology of Aging</i> , 2021, 103, 42-51.	1.5	14
2052	Cerebrovascular Disease and Depressive Symptomatology in Individuals With Subjective Cognitive Decline: A Community-Based Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 656990.	1.7	4
2053	Centrum Semiovale Perivascular Space and Amyloid Deposition in Spontaneous Intracerebral Hemorrhage. <i>Stroke</i> , 2021, 52, 2356-2362.	1.0	23
2054	Intensive Blood Pressure Lowering and DWI Lesions in Intracerebral Hemorrhage: Exploratory Analysis of the ATACH-2 Randomized Trial. <i>Neurocritical Care</i> , 2021, , 1.	1.2	6
2055	The Glymphatic System: A Novel Therapeutic Target for Stroke Treatment. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 689098.	1.7	38
2056	Role of White Matter Hyperintensities and Related Risk Factors in Vascular Cognitive Impairment: A Review. <i>Biomolecules</i> , 2021, 11, 1102.	1.8	22
2057	Global Cardiovascular Risk Profile and Cerebrovascular Abnormalities in Presymptomatic Individuals with CADASIL or Autosomal Dominant Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 841-853.	1.2	2
2058	Higher cerebral small vessel disease burden is associated with smaller hematoma volume in mixed-location intracerebral hemorrhage. <i>Microcirculation</i> , 2021, 28, e12705.	1.0	1
2059	Higher Cerebral Small Vessel Disease Burden in Patients with White Matter Recent Small Subcortical Infarcts. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105824.	0.7	7
2060	The Effect of Cerebral Small Vessel Disease on the Subtypes of Mild Cognitive Impairment. <i>Frontiers in Psychiatry</i> , 2021, 12, 685965.	1.3	6
2061	Multi-Dimensional Diffusion Tensor Imaging Biomarkers for Cognitive Decline From the Preclinical Stage: A Study of Post-stroke Small Vessel Disease. <i>Frontiers in Neurology</i> , 2021, 12, 687959.	1.1	9
2062	Total Cerebral Small Vessel Disease Score and Anthropometric Indices: A Population-Based Study in Older Adults of Amerindian Ancestry. <i>European Neurology</i> , 2021, , 1-4.	0.6	1
2063	Enlarged perivascular spaces and hemorrhagic transformation after acute ischemic stroke. <i>Annals of Translational Medicine</i> , 2021, 9, 1126-1126.	0.7	6
2064	Neuroimaging Markers of Cerebral Small Vessel Disease on Hemorrhagic Transformation and Functional Outcome After Intravenous Thrombolysis in Patients With Acute Ischemic Stroke: A Systematic Review and Meta-Analysis. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 692942.	1.7	8

#	ARTICLE	IF	CITATIONS
2065	Association between carotid artery perivascular fat density and cerebral small vessel disease. <i>Aging</i> , 2021, 13, 18839-18851.	1.4	6
2066	The influence of white matter hyperintensity on cognitive impairment in Parkinson's disease. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1917-1934.	1.7	19
2067	Past, present and future role of retinal imaging in neurodegenerative disease. <i>Progress in Retinal and Eye Research</i> , 2021, 83, 100938.	7.3	60
2068	The Effects of Mean of Visit-to-Visit Blood Pressure on Incident Brain Vascular Lesions and Functional-Cognitive Decline. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 561-573.	1.2	1
2069	Higher Total Cerebral Small Vessel Disease Burden Was Associated With Mild Cognitive Impairment and Overall Cognitive Dysfunction: A Propensity Score-Matched Caseâ€“Control Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 695732.	1.7	12
2070	Emerging Applications for Quantitative Susceptibility Mapping in the Detection of Traumatic Brain Injury Pathology. <i>Neuroscience</i> , 2021, 467, 218-236.	1.1	5
2071	Association of Ischemic Imaging Phenotype With Progression of Brain Atrophy and Cerebrovascular Lesions on MRI. <i>Neurology</i> , 2021, 97, e1063-e1074.	1.5	4
2072	EEG measures for clinical research in major vascular cognitive impairment: recommendations by an expert panel. <i>Neurobiology of Aging</i> , 2021, 103, 78-97.	1.5	9
2073	Visuospatial dysfunction is associated with posterior distribution of white matter damage in nonâ€“demented cerebral amyloid angiopathy. <i>European Journal of Neurology</i> , 2021, 28, 3113-3120.	1.7	3
2074	<i>NO</i> <i>TCH3</i> variant position is associated with NOTCH3 aggregation load in CADASIL vasculature. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	1.8	16
2075	White matter hyperintensity topography in Alzheimer's disease and links to cognition. <i>Alzheimer's and Dementia</i> , 2022, 18, 422-433.	0.4	59
2076	White Matter Hyperintensity Volume and Location: Associations With WM Microstructure, Brain Iron, and Cerebral Perfusion. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 617947.	1.7	14
2077	The Impact of Common Epidemiological Factors on Gray and White Matter Volumes in Magnetic Resonance Imagingâ€“Is Prevention of Brain Degeneration Possible?. <i>Frontiers in Neurology</i> , 2021, 12, 633619.	1.1	6
2078	Role of Purinergic Signalling in Endothelial Dysfunction and Thrombo-Inflammation in Ischaemic Stroke and Cerebral Small Vessel Disease. <i>Biomolecules</i> , 2021, 11, 994.	1.8	24
2079	Abnormal Degree Centrality in White Matter Hyperintensities: A Resting-State Functional Magnetic Resonance Imaging Study. <i>Frontiers in Psychiatry</i> , 2021, 12, 684553.	1.3	2
2080	The association between transthoracic echocardiogram parameters and white matter hyperintensities. <i>Clinical Neurology and Neurosurgery</i> , 2021, 206, 106672.	0.6	0
2081	The relation between antihypertensive treatment and progression of cerebral small vessel disease. <i>Medicine (United States)</i> , 2021, 100, e26749.	0.4	11
2082	MRI signs helpful in the differentiation of patients with anterior ischaemic optic neuropathy and optic neuritis. <i>British Journal of Ophthalmology</i> , 2023, 107, 121-126.	2.1	2

#	ARTICLE	IF	CITATIONS
2083	Cohort profile for the STRatifying Resilience and Depression Longitudinally (STRADL) study: A depression-focused investigation of Generation Scotland, using detailed clinical, cognitive, and neuroimaging assessments. Wellcome Open Research, 0, 4, 185.	0.9	12
2084	Mind Diet Adherence and Cognitive Performance in the Framingham Heart Study. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 827-839.	1.2	30
2085	Interplay between Brain Pericytes and Endothelial Cells in Dementia. <i>American Journal of Pathology</i> , 2021, 191, 1917-1931.	1.9	46
2086	Positive Association Between Serum Insulin-Like Growth Factor-1 and Cognition in Patients with Cerebral Small Vessel Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105790.	0.7	2
2087	Renal Dysfunction Is Associated with Middle Cerebral Artery Pulsatility Index and Total Burden of Cerebral Small Vessel Disease. <i>Cerebrovascular Diseases</i> , 2021, 50, 722-728.	0.8	1
2088	Risk factors for delayed-onset dementia after stroke or transient ischemic attack—A five-year longitudinal cohort study. <i>International Journal of Stroke</i> , 2021, , 174749302110265.	2.9	2
2089	Blood-Based Cardiac Biomarkers and the Risk of Cognitive Decline, Cerebrovascular Disease, and Clinical Events. <i>Stroke</i> , 2021, 52, 2275-2283.	1.0	15
2090	Cerebral microbleeds development after stroke thrombolysis: A secondary analysis of the THAWS randomized clinical trial. <i>International Journal of Stroke</i> , 2022, 17, 628-636.	2.9	10
2091	Prior intracerebral hemorrhage and white matter hyperintensity burden on recurrent stroke risk. <i>Scientific Reports</i> , 2021, 11, 17406.	1.6	4
2092	Cognitive Impairment and Dementia After Stroke: Design and Rationale for the DISCOVERY Study. <i>Stroke</i> , 2021, 52, e499-e516.	1.0	43
2093	Microvascular Contribution to Late-Onset Depression: Mechanisms, Current Evidence, Association With Other Brain Diseases, and Therapeutic Perspectives. <i>Biological Psychiatry</i> , 2021, 90, 214-225.	0.7	28
2094	Neurologically asymptomatic patients frequently present cerebral injuries during malignant hypertension. <i>Journal of Hypertension</i> , 2021, Publish Ahead of Print, 2463-2469.	0.3	3
2095	White matter hyperintensities segmentation using the ensemble U-Net with multi-scale highlighting foregrounds. <i>NeuroImage</i> , 2021, 237, 118140.	2.1	18
2096	Integrating large-scale neuroimaging research datasets: Harmonisation of white matter hyperintensity measurements across Whitehall and UK Biobank datasets. <i>NeuroImage</i> , 2021, 237, 118189.	2.1	10
2097	Longitudinal Relation Between Structural Network Efficiency, Cognition, and Gait in Cerebral Small Vessel Disease. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 554-560.	1.7	11
2098	Assessing cortical cerebral microinfarcts on iron-sensitive MRI in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 3391-3399.	2.4	4
2099	Is Oxidative Stress the Link Between Cerebral Small Vessel Disease, Sleep Disruption, and Oligodendrocyte Dysfunction in the Onset of Alzheimer's Disease?. <i>Frontiers in Physiology</i> , 2021, 12, 708061.	1.3	13
2100	Cerebral small-vessel disease is associated with the severity of diabetic retinopathy in type 1 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002274.	1.2	11



#	ARTICLE	IF	CITATIONS
2101	Recurrent Ischemic Stroke â€” A Systematic Review and Meta-Analysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105935.	0.7	68
2102	Risk of Dementia and Structural Brain Changes Following Nonneurological Infections During 9-Year Follow-Up*. <i>Critical Care Medicine</i> , 2022, 50, 554-564.	0.4	15
2103	Perivascular spaces are associated with tau pathophysiology and synaptic dysfunction in early Alzheimerâ€™s continuum. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 135.	3.0	30
2104	A narrative review of plaque and brain imaging biomarkers for stroke risk stratification in patients with atherosclerotic carotid artery disease. <i>Annals of Translational Medicine</i> , 2021, 9, 1260-1260.	0.7	4
2105	Investigating Early Neurologic Deterioration in Lacunar Strokes Reveals Need for New Approaches. <i>Neurology</i> , 2021, 97, 665-666.	1.5	0
2106	Prospective Memory and Regional Functional Connectivity in Subcortical Ischemic Vascular Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 686040.	1.7	3
2107	Rare <i>NOTCH3</i> Variants in a Chinese Population-Based Cohort and Its Relationship With Cerebral Small Vessel Disease. <i>Stroke</i> , 2021, 52, 3918-3925.	1.0	3
2108	Early Neurologic Deterioration in Lacunar Stroke. <i>Neurology</i> , 2021, 97, .	1.5	41
2109	A novel CT-based automated analysis method provides comparable results with MRI in measuring brain atrophy and white matter lesions. <i>Neuroradiology</i> , 2021, 63, 2035-2046.	1.1	6
2110	Differences in cerebral small vessel disease magnetic resonance imaging markers between lacunar stroke and nonâ€”Lobar intracerebral hemorrhage. <i>European Stroke Journal</i> , 2021, 6, 239698732110317.	2.7	3
2111	The Association Between Perivascular Spaces and Cerebral Blood Flow, Brain Volume, and Cardiovascular Risk. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 599724.	1.7	8
2112	Leukoaraiosis severity and postâ€”reperfusion outcomes in acute ischaemic stroke: A metaâ€”analysis. <i>Acta Neurologica Scandinavica</i> , 2021, , .	1.0	17
2113	Risk models to predict late-onset seizures after stroke: A systematic review. <i>Epilepsy and Behavior</i> , 2021, 121, 108003.	0.9	6
2114	Neurovascular imaging with QUTE-CE MRI in APOE4 rats reveals early vascular abnormalities. <i>PLoS ONE</i> , 2021, 16, e0256749.	1.1	5
2115	Adverse effects of hypertension, supine hypertension, and perivascular space on cognition and motor function in PD. <i>Npj Parkinson's Disease</i> , 2021, 7, 69.	2.5	15
2116	Voxel-wise and spatial modelling of binary lesion masks: Comparison of methods with a realistic simulation framework. <i>NeuroImage</i> , 2021, 236, 118090.	2.1	2
2117	Cognitive Trajectories and Dementia Risk: A Comparison of Two Cognitive Reserve Measures. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 737736.	1.7	7
2118	Prevalence and Risk Factors of Cerebral Microbleeds. <i>Neurology</i> , 2021, 97, .	1.5	23



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2119	Emerging Concepts in Vascular Dementia: A Review. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105864.	0.7	52
2120	Aberrant Neurogliovascular Unit Dynamics in Cerebral Small Vessel Disease: A Rheological Clue to Vascular Parkinsonism. <i>Pharmaceutics</i> , 2021, 13, 1207.	2.0	6
2121	Association of Coronary Artery Atherosclerosis With Brain White Matter Hyperintensity. <i>Stroke</i> , 2021, 52, 2594-2600.	1.0	13
2122	Cerebral Microbleeds and White Matter Hyperintensities are Associated with Cognitive Decline in an Asian Memory Clinic Study. <i>Current Alzheimer Research</i> , 2021, 18, 399-413.	0.7	12
2124	Neuroimaging Anomalies in Community-Dwelling Asymptomatic Adults With Very Early-Stage White Matter Hyperintensity. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 715434.	1.7	3
2125	Basilar dolichoectasia with intermural hematoma accompanied by cerebral microbleeds and white matter hyperintensities. <i>Medicine (United States)</i> , 2021, 100, e27022.	0.4	0
2126	Grip strength from midlife as an indicator of later-life brain health and cognition: evidence from a British birth cohort. <i>BMC Geriatrics</i> , 2021, 21, 475.	1.1	18
2127	Exposure to Air Pollution in Relation to Risk of Dementia and Related Outcomes: An Updated Systematic Review of the Epidemiological Literature. <i>Environmental Health Perspectives</i> , 2021, 129, 96001.	2.8	82
2128	Sex differences in dopamine integrity and brain structure among healthy older adults: Relationships to episodic memory. <i>Neurobiology of Aging</i> , 2021, 105, 272-279.	1.5	4
2129	Associations between total MRI-visible small vessel disease burden and domain-specific cognitive abilities in a community-dwelling older-age cohort. <i>Neurobiology of Aging</i> , 2021, 105, 25-34.	1.5	5
2130	Effect of Cognitive Reserve on the Association of Vascular Brain Injury With Cognition. <i>Neurology</i> , 2021, 97, e1707-e1716.	1.5	13
2131	Cerebral microbleeds in vascular dementia from clinical aspects to host-microbial interaction. <i>Neurochemistry International</i> , 2021, 148, 105073.	1.9	10
2133	Sex and Cardiovascular Function in Relation to Vascular Brain Injury in Patients with Cognitive Complaints. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 261-271.	1.2	2
2134	Glymphatic clearance function in patients with cerebral small vessel disease. <i>NeuroImage</i> , 2021, 238, 118257.	2.1	117
2135	Implication of Small Vessel Disease MRI Markers in Alzheimer's Disease and Lewy Body Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 545-556.	1.2	3
2136	Phenotypes of Chronic Covert Brain Infarction in Patients With First-Ever Ischemic Stroke: A Cohort Study. <i>Stroke</i> , 2022, 53, 558-568.	1.0	9
2137	Early life predictors of late life cerebral small vessel disease in four prospective cohort studies. <i>Brain</i> , 2021, 144, 3769-3778.	3.7	21
2138	Cerebral Small Vessel Disease and Depression Among Intracerebral Hemorrhage Survivors. <i>Stroke</i> , 2022, 53, 523-531.	1.0	19

#	ARTICLE	IF	CITATIONS
2139	Effects of cerebral small vessel disease on the outcomes in cryptogenic stroke with active cancer. <i>Scientific Reports</i> , 2021, 11, 17510.	1.6	4
2141	Internal Jugular Vein Velocity and Spontaneous Echo Contrast Correlate with Alzheimer's Disease and Cognitive Function. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 1-10.	1.2	2
2142	Rich-Club Analysis of the Structural Brain Network in Cases with Cerebral Small Vessel Disease and Depression Symptoms. <i>Cerebrovascular Diseases</i> , 2021, , 1-10.	0.8	3
2143	The Predictive Values of Different Small Vessel Disease Scores on Clinical Outcomes in Mild ICH Patients. <i>Journal of Atherosclerosis and Thrombosis</i> , 2021, 28, 997-1008.	0.9	6
2144	Frequency and Patterns of Brain Infarction in Patients With Embolic Stroke of Undetermined Source: NAVIGATE ESUS Trial. <i>Stroke</i> , 2022, 53, 45-52.	1.0	8
2145	Association between diffusion tensor imaging findings and domain-specific cognitive impairment in cerebral small vessel disease: a protocol for systematic review and meta-analysis. <i>BMJ Open</i> , 2021, 11, e049203.	0.8	3
2146	Pulmonary function is associated with cognitive decline and structural brain differences. <i>Alzheimer's and Dementia</i> , 2022, 18, 1335-1344.	0.4	11
2147	Intracerebral hemorrhage and small vessel disease. <i>Chinese Medical Journal</i> , 2021, Publish Ahead of Print, 2287-2289.	0.9	0
2148	Influence of white matter lesions on the prognosis of acute cardioembolic stroke without reperfusion therapy. <i>BMC Neurology</i> , 2021, 21, 364.	0.8	3
2149	Microvessel stenosis, enlarged perivascular spaces, and fibrinogen deposition are associated with ischemic periventricular white matter hyperintensities. <i>Brain Pathology</i> , 2022, 32, e13017.	2.1	6
2150	Consistency of associations of systolic and diastolic blood pressure with white matter hyperintensities: A meta-analysis. <i>International Journal of Stroke</i> , 2022, 17, 291-298.	2.9	8
2151	Neurovascular Alterations in Vascular Dementia: Emphasis on Risk Factors. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 727590.	1.7	25
2152	Cardiovascular comorbidities, inflammation, and cerebral small vessel disease. <i>Cardiovascular Research</i> , 2021, 117, 2575-2588.	1.8	22
2153	The high prevalence of abnormal MRI findings in non-neuropsychiatric patients with persistently positive antiphospholipid antibodies. <i>Rheumatology</i> , 2021, , .	0.9	2
2154	The association of markers of cerebral small vessel disease and brain atrophy with incidence and course of depressive symptoms - the maastricht study. <i>Journal of Affective Disorders</i> , 2021, 292, 439-447.	2.0	10
2155	The Association of White Matter Hyperintensities with Frailty in Patients with Very Mild to Moderate Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 1281-1289.	1.2	1
2156	Decreased nocturnal heart rate variability and potentially related brain regions in arteriosclerotic cerebral small vessel disease. <i>BMC Neurology</i> , 2021, 21, 361.	0.8	4
2157	Plasma soluble TREM2 is associated with white matter lesions independent of amyloid and tau. <i>Brain</i> , 2021, 144, 3371-3380.	3.7	19

#	ARTICLE	IF	CITATIONS
2158	The risk factors of old silent brain infarctions in carotid artery stenosis. <i>Neurological Sciences</i> , 2022, 43, 2397-2404.	0.9	0
2159	Cerebellar Superficial Siderosis in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2022, 53, 552-557.	1.0	13
2160	Synergistic associations of cognitive and motor impairments with functional outcome in covert cerebral small vessel disease. <i>European Journal of Neurology</i> , 2022, 29, 158-167.	1.7	10
2161	Increased Levels of Circulating Angiogenic Cells and Signaling Proteins in Older Adults With Cerebral Small Vessel Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 711784.	1.7	13
2163	Hereditary Cerebral Small Vessel Diseases and Stroke: A Guide for Diagnosis and Management. <i>Stroke</i> , 2021, 52, 3025-3032.	1.0	15
2164	Sex-related differences in whole brain volumes at age 70 in association with hyperglycemia during adult life. <i>Neurobiology of Aging</i> , 2021, 112, 161-169.	1.5	1
2166	Neuropathologic Findings in Chronic Kidney Disease (CKD). <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105657.	0.7	8
2167	The Clinical Characteristics of Patients with Pre-Existing Leukoaraiosis Compared to Those Without Leukoaraiosis in Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105956.	0.7	6
2168	Post-Stroke Cognitive Impairment: Pathophysiological Insights into Brain Disconnectome from Advanced Neuroimaging Analysis Techniques. <i>Journal of Stroke</i> , 2021, 23, 297-311.	1.4	22
2169	Prediction of brain age from routine T2-weighted spin-echo brain magnetic resonance images with a deep convolutional neural network. <i>Neurobiology of Aging</i> , 2021, 105, 78-85.	1.5	12
2170	Total Cerebral Small Vessel Disease Burden on MRI Correlates With Medial Temporal Lobe Atrophy and Cognitive Performance in Patients of a Memory Clinic. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 698035.	1.7	5
2171	Cerebellar hemorrhages in patients with Dutch-type hereditary cerebral amyloid angiopathy. <i>International Journal of Stroke</i> , 2021, , 174749302110436.	2.9	0
2172	White Matter but not Gray Matter Volumes Are Associated with Cognition in Community-Dwelling Chinese Populations. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 367-375.	1.2	6
2173	Cerebral amyloid angiopathy-related acute lobar intra-cerebral hemorrhage: diagnostic value of plain CT. <i>Journal of Neurology</i> , 2022, 269, 2126-2132.	1.8	5
2174	Outer Retinal Layer Thickness Changes in White Matter Hyperintensity and Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 741651.	1.4	4
2175	Atrial Fibrillation, Stroke, and Silent Cerebrovascular Disease. <i>Neurology</i> , 2021, 97, e1608-e1619.	1.5	24
2176	Altered Functional Connectivity Patterns of Parietal Subregions Contribute to Cognitive Dysfunction in Patients with White Matter Hyperintensities. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 659-669.	1.2	2
2177	Predicting post-stroke cognitive impairment using acute CT neuroimaging: A systematic review and meta-analysis. <i>International Journal of Stroke</i> , 2022, 17, 618-627.	2.9	15

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2178	Cerebrovascular disease, neurodegeneration, and clinical phenotype in dementia with Lewy bodies. <i>Neurobiology of Aging</i> , 2021, 105, 252-261.	1.5	18
2180	Periodic Limb Movements Syndrome in Patients With Cerebral Small Vessel Disease: Protocol for a Prospective Observational Study. <i>Frontiers in Neurology</i> , 2021, 12, 700151.	1.1	1
2181	Sleep-disordered breathing and cerebral small vessel disease—acute and 6 months after ischemic stroke. <i>Sleep and Breathing</i> , 2022, 26, 1107-1113.	0.9	3
2182	A Comprehensive Analysis of Deep Neural-Based Cerebral Microbleeds Detection System. <i>Electronics (Switzerland)</i> , 2021, 10, 2208.	1.8	11
2183	Idiopathic primary intraventricular hemorrhage and cerebral small vessel disease. <i>International Journal of Stroke</i> , 2022, 17, 645-653.	2.9	6
2184	Prediction of dementia using diffusion tensor MRI measures: the OPTIMAL collaboration. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 14-23.	0.9	15
2185	Clinically Silent Small Vessel Disease of the Brain in Patients with Obstructive Sleep Apnea Hypopnea Syndrome. <i>Diagnostics</i> , 2021, 11, 1673.	1.3	3
2188	Quantitative Imaging of Blood-Brain Barrier Permeability Following Repetitive Mild Head Impacts. <i>Frontiers in Neurology</i> , 2021, 12, 729464.	1.1	5
2189	Increased internal cerebral vein diameter is associated with age. <i>Clinical Imaging</i> , 2021, 78, 187-193.	0.8	3
2190	Brain aging mechanisms with mechanical manifestations. <i>Mechanisms of Ageing and Development</i> , 2021, 200, 111575.	2.2	57
2191	Transient epileptic amnesia is significantly associated with discrete CA1-located hippocampal calcifications but not with atrophic changes on brain imaging. <i>Epilepsy Research</i> , 2021, 176, 106736.	0.8	1
2192	Relationship between inferior frontal sulcal hyperintensities on brain MRI, ageing and cerebral small vessel disease. <i>Neurobiology of Aging</i> , 2021, 106, 130-138.	1.5	5
2193	Anti-NR2 glutamate receptor antibodies as an early biomarker of cerebral small vessel disease. <i>Clinical Biochemistry</i> , 2021, 96, 26-32.	0.8	4
2194	Regulation of cerebral blood flow in humans: physiology and clinical implications of autoregulation. <i>Physiological Reviews</i> , 2021, 101, 1487-1559.	13.1	303
2195	Carotid Atherosclerosis and Longitudinal Changes of MRI Visual Rating Measures in Stroke Survivors: A Seven-Year Follow-Up Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 106010.	0.7	2
2196	Anatomy of phonemic and semantic fluency: A lesion and disconnectome study in 1231 stroke patients. <i>Cortex</i> , 2021, 143, 148-163.	1.1	32
2197	Associations of increased interstitial fluid with vascular and neurodegenerative abnormalities in a memory clinic sample. <i>Neurobiology of Aging</i> , 2021, 106, 257-267.	1.5	12
2198	Initial serum GM-CSF levels are associated with the severity of cerebral small vessel disease in microscopic polyangiitis patients. <i>Journal of Neuroimmunology</i> , 2021, 359, 577671.	1.1	1

#	ARTICLE	IF	CITATIONS
2199	Difference in distribution functions: A new diffusion weighted imaging metric for estimating white matter integrity. <i>NeuroImage</i> , 2021, 240, 118381.	2.1	4
2200	Effect of late-onset epilepsy on cognitive functioning in patients with small vessel disease. <i>Epilepsy and Behavior</i> , 2021, 123, 108238.	0.9	2
2201	Different Predictive Factors for Early Neurological Deterioration Based on the Location of Single Subcortical Infarction. <i>Stroke</i> , 2021, 52, 3191-3198.	1.0	22
2202	Carotid revascularization and cognitive impairment: the neglected role of cerebral small vessel disease. <i>Neurological Sciences</i> , 2022, 43, 139-152.	0.9	5
2203	New-onset seizures in older people: Clinical features, course and outcomes. <i>Journal of the Neurological Sciences</i> , 2021, 429, 118065.	0.3	5
2204	Triplanar ensemble U-Net model for white matter hyperintensities segmentation on MR images. <i>Medical Image Analysis</i> , 2021, 73, 102184.	7.0	29
2205	Relationship between obesity and structural brain abnormality: Accumulated evidence from observational studies. <i>Ageing Research Reviews</i> , 2021, 71, 101445.	5.0	18
2206	Cerebral hemodynamics and capillary dysfunction in late-onset major depressive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2021, 317, 111383.	0.9	8
2207	Comparison of domain adaptation techniques for white matter hyperintensity segmentation in brain MR images. <i>Medical Image Analysis</i> , 2021, 74, 102215.	7.0	9
2208	Changes in cerebral arterial pulsatility and hippocampal volume: a transcranial doppler ultrasonography study. <i>Neurobiology of Aging</i> , 2021, 108, 110-121.	1.5	2
2209	Segmentation of white matter lesions in multicentre FLAIR MRI. <i>NeuroImage Reports</i> , 2021, 1, 100044.	0.5	7
2210	Lacunar Syndromes, Lacunar Infarcts, and Cerebral Small-Vessel Disease. , 2022, , 404-421.e4.		0
2211	Magnetic Resonance Imaging of Cerebrovascular Diseases. , 2022, , 676-698.e10.		0
2212	Vascular Dementia and Cognitive Impairment. , 2022, , 221-236.e8.		1
2213	Cerebral small vessel disease: A glymphopathy?. <i>Current Opinion in Neurobiology</i> , 2022, 72, 15-21.	2.0	41
2215	Assessment of structural brain changes in patients with type 2 diabetes mellitus using the MRI-based brain atrophy and lesion index. <i>Neural Regeneration Research</i> , 2022, 17, 618.	1.6	10
2216	The role of cerebrovascular disease in aging and Alzheimer's disease among people with Down syndrome. , 2022, , 63-73.		1
2217	<i>MAP3K6</i> Mutations in a Neurovascular Disease Causing Stroke, Cognitive Impairment, and Tremor. <i>Neurology: Genetics</i> , 2021, 7, e548.	0.9	9

#	ARTICLE	IF	CITATIONS
2218	Microbleeds, Cerebral Hemorrhage, and Functional Outcome After Endovascular Thrombectomy. <i>Neurology</i> , 2021, 96, e1724-e1731.	1.5	14
2219	Imaging neurovascular, endothelial and structural integrity in preparation to treat small vessel diseases. The INVESTIGATE-SVDs study protocol. Part of the SVDs@Target project. <i>Cerebral Circulation - Cognition and Behavior</i> , 2021, 2, 100020.	0.4	8
2220	White matter hyperintensities classified according to intensity and spatial location reveal specific associations with cognitive performance. <i>NeuroImage: Clinical</i> , 2021, 30, 102616.	1.4	13
2221	Regional Differences in Blood-Brain Barrier Permeability in Cognitively Normal Elderly Subjects: A Dynamic Contrast-Enhanced MRI-Based Study. <i>Korean Journal of Radiology</i> , 2021, 22, 1152.	1.5	11
2222	Subclinical hypothyroidism is associated with basal ganglia enlarged perivascular spaces and overall cerebral small vessel disease load. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 1475-1483.	1.1	3
2223	MarkVCID cerebral small vessel consortium: II. Neuroimaging protocols. <i>Alzheimer's and Dementia</i> , 2021, 17, 716-725.	0.4	45
2224	Cerebral microbleeds following thoracic endovascular aortic repair. <i>British Journal of Surgery</i> , 2021, 109, 46-52.	0.1	3
2225	Topographic patterns of white matter hyperintensities are associated with multimodal neuroimaging biomarkers of Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 29.	3.0	24
2226	Cerebrovascular and neurodegenerative racial/ethnic health disparities. , 2021, , 163-171.		0
2227	Fibrinogen is an Independent Risk Factor for White Matter Hyperintensities in CADASIL but not in Sporadic Cerebral Small Vessel Disease Patients. , 2021, 12, 801.		8
2228	Cognitive Impairment in Patients with Stroke. <i>Seminars in Neurology</i> , 2021, 41, 075-084.	0.5	16
2229	Intranasal Insulin Reduces White Matter Hyperintensity Progression in Association with Improvements in Cognition and CSF Biomarker Profiles in Mild Cognitive Impairment and Alzheimer's Disease. <i>Journal of Prevention of Alzheimer's Disease</i> , 2021, 8, 1-9.	1.5	25
2230	Association of neuroimaging markers of cerebral small vessel disease with short-term outcomes in patients with minor cerebrovascular events. <i>BMC Neurology</i> , 2021, 21, 21.	0.8	10
2231	Pathological changes in neurovascular units: Lessons from cases of vascular dementia. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 17-25.	1.9	19
2232	Automatic Irregular Texture Detection in Brain MRI Without Human Supervision. <i>Lecture Notes in Computer Science</i> , 2018, , 506-513.	1.0	6
2233	Quantification of the Biological Age of the Brain Using Neuroimaging. <i>Healthy Ageing and Longevity</i> , 2019, , 293-328.	0.2	36
2234	Predicting the Evolution of White Matter Hyperintensities in Brain MRI Using Generative Adversarial Networks and Irregularity Map. <i>Lecture Notes in Computer Science</i> , 2019, , 146-154.	1.0	7
2235	Let's Agree to Disagree: Learning Highly Debatable Multirater Labelling. <i>Lecture Notes in Computer Science</i> , 2019, , 665-673.	1.0	6

#	ARTICLE	IF	CITATIONS
2236	A Semi-supervised Large Margin Algorithm for White Matter Hyperintensity Segmentation. Lecture Notes in Computer Science, 2016, , 104-112.	1.0	2
2237	Evaluation of Four Supervised Learning Schemes in White Matter Hyperintensities Segmentation in Absence or Mild Presence of Vascular Pathology. Communications in Computer and Information Science, 2017, , 482-493.	0.4	1
2238	Neuroimaging of Small Vessel Disease in Late-Life Depression. Advances in Experimental Medicine and Biology, 2019, 1192, 95-115.	0.8	5
2239	Effect of small vessel disease burden and lacunes on gait/posture impairment in Parkinson's disease. Neurological Sciences, 2020, 41, 3617-3624.	0.9	22
2240	Epimedii flavonoids improve cognitive impairment and white matter lesions induced by chronic cerebral hypoperfusion through inhibiting the Lingo-1/Fyn/ROCK pathway and activating the BDNF/PI3K pathway in rats. Brain Research, 2020, 1743, 146902.	1.1	13
2241	Enlarged perivascular spaces in the centrum semiovale are associated with poststroke depression: A 3-month prospective study. Journal of Affective Disorders, 2018, 228, 166-172.	2.0	22
2242	Association between Low-Density Lipoprotein Cholesterol Levels and Proximal Single Subcortical Infarction in Comparison with Distal Single Subcortical Infarction. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 105198.	0.7	2
2243	Homocysteinemia is Associated with the Presence of Microbleeds in Cognitively Impaired Patients. Journal of Stroke and Cerebrovascular Diseases, 2020, 29, 105302.	0.7	9
2244	Cardiometabolic determinants of early and advanced brain alterations: Insights from conventional and novel MRI techniques. Neuroscience and Biobehavioral Reviews, 2020, 115, 308-320.	2.9	7
2245	Intracranial vascular flow oscillations in Alzheimer's disease from 4D flow MRI. NeuroImage: Clinical, 2020, 28, 102379.	1.4	14
2246	Spatial distribution and cognitive impact of cerebrovascular risk-related white matter hyperintensities. NeuroImage: Clinical, 2020, 28, 102405.	1.4	23
2247	Understanding multifactorial brain changes in type 2 diabetes: a biomarker perspective. Lancet Neurology, The, 2020, 19, 699-710.	4.9	96
2248	Neurology-related protein biomarkers are associated with cognitive ability and brain volume in older age. Nature Communications, 2020, 11, 800.	5.8	42
2249	Plasma lipidomic analysis of sphingolipids in patients with large artery atherosclerosis cerebrovascular disease and cerebral small vessel disease. Bioscience Reports, 2020, 40, .	1.1	16
2250	Neuroimaging in Dementia. Seminars in Neurology, 2017, 37, 510-537.	0.5	69
2251	Serum neurofilament light in atrial fibrillation: clinical, neuroimaging and cognitive correlates. Brain Communications, 2020, 2, fcaa166.	1.5	24
2252	Clinical management of cerebral small vessel disease: a call for a holistic approach. Chinese Medical Journal, 2021, 134, 127-142.	0.9	13
2253	Additive and Synergistic Cardiovascular Disease Risk Factors and HIV Disease Markers' Effects on White Matter Microstructure in Virologically Suppressed HIV. Journal of Acquired Immune Deficiency Syndromes (1999), 2020, 84, 543-551.	0.9	6



#	ARTICLE	IF	CITATIONS
2254	Separating vascular and neuronal effects of age on fMRI BOLD signals. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20190631.	1.8	77
2267	Inherited and Uncommon Causes of Stroke. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2017, 23, 211-237.	0.4	11
2268	Cerebral Small Vessel Disease. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2020, 26, 332-352.	0.4	14
2269	Cerebrovascular Disease Progression in Patients With <i>ACTA2</i> Arg179 Pathogenic Variants. <i>Neurology</i> , 2021, 96, e538-e552.	1.5	16
2270	Understanding depression in type 2 diabetes: a biological approach in observational studies. <i>F1000Research</i> , 2018, 7, 1283.	0.8	18
2271	Advanced and Conventional Magnetic Resonance Imaging in Neuropsychiatric Lupus. <i>F1000Research</i> , 2015, 4, 162.	0.8	13
2272	Cohort profile for the STRatifying Resilience and Depression Longitudinally (STRADL) study: A depression-focused investigation of Generation Scotland, using detailed clinical, cognitive, and neuroimaging assessments. <i>Wellcome Open Research</i> , 2019, 4, 185.	0.9	27
2273	Automated Segmentation and Quantification of White Matter Hyperintensities in Acute Ischemic Stroke Patients with Cerebral Infarction. <i>PLoS ONE</i> , 2014, 9, e104011.	1.1	34
2274	Pattern and Rate of Cognitive Decline in Cerebral Small Vessel Disease: A Prospective Study. <i>PLoS ONE</i> , 2015, 10, e0135523.	1.1	46
2275	Sleep Apnea, Sleep Duration and Brain MRI Markers of Cerebral Vascular Disease and Alzheimer's Disease: The Atherosclerosis Risk in Communities Study (ARIC). <i>PLoS ONE</i> , 2016, 11, e0158758.	1.1	37
2276	Impact of Strategically Located White Matter Hyperintensities on Cognition in Memory Clinic Patients with Small Vessel Disease. <i>PLoS ONE</i> , 2016, 11, e0166261.	1.1	52
2277	High prevalence of cognitive impairment after intracerebral hemorrhage. <i>PLoS ONE</i> , 2017, 12, e0178886.	1.1	28
2278	Impaired memory is more closely associated with brain beta-amyloid than leukoaraiosis in hypertensive patients with cognitive symptoms. <i>PLoS ONE</i> , 2018, 13, e0191345.	1.1	11
2279	Associations between arterial stiffness, depressive symptoms and cerebral small vessel disease: cross-sectional findings from the AGES-Reykjavik Study. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 162-168.	1.4	48
2280	Impact of white matter hyperintensity location on depressive symptoms in memory-clinic patients: a lesion-symptom mapping study. <i>Journal of Psychiatry and Neuroscience</i> , 2019, 44, E1-E10.	1.4	9
2281	Plasma cholesterol in Alzheimer's disease and frontotemporal dementia. <i>Translational Neuroscience</i> , 2020, 11, 116-123.	0.7	13
2282	miR-22 and cerebral microbleeds in brainstem and deep area are associated with depression one month after ischemic stroke. <i>Brazilian Journal of Medical and Biological Research</i> , 2020, 53, e9162.	0.7	13
2289	Discovering markers of healthy aging: a prospective study in a Danish male birth cohort. <i>Aging</i> , 2019, 11, 5943-5974.	1.4	11

#	ARTICLE	IF	CITATIONS
2290	Mixed-location cerebral microbleeds as a biomarker of neurodegeneration in a memory clinic population. <i>Aging</i> , 2019, 11, 10581-10596.	1.4	14
2291	Melatonin protects blood-brain barrier integrity and permeability by inhibiting matrix metalloproteinase-9 via the NOTCH3/NF- $\kappa$ B pathway. <i>Aging</i> , 2019, 11, 11391-11415.	1.4	82
2292	Predicting Fazekas scores from automatic segmentations of white matter signal abnormalities. <i>Aging</i> , 2020, 12, 894-901.	1.4	32
2293	Association of cardiovascular structure and function with cerebrovascular changes and cognitive function in older patients with end-stage renal disease. <i>Aging</i> , 2020, 12, 1496-1511.	1.4	10
2294	Cerebral small vessel disease is associated with gait disturbance among community-dwelling elderly individuals: the Taizhou imaging study. <i>Aging</i> , 2020, 12, 2814-2824.	1.4	22
2295	White matter hyperintensities associated with progression of cerebral small vessel disease: a 7-year Chinese urban community study. <i>Aging</i> , 2020, 12, 8506-8522.	1.4	26
2296	Neurofilament light chain predicts risk of recurrence in cerebral amyloid angiopathy-related intracerebral hemorrhage. <i>Aging</i> , 2020, 12, 23727-23738.	1.4	12
2297	Associations between APOE genotype and cerebral small-vessel disease: a longitudinal study. <i>Oncotarget</i> , 2017, 8, 44477-44489.	0.8	35
2298	Clinical and neuroimaging determinants of minimally conscious and persistent vegetative states after acute stroke. <i>Journal of Neurocritical Care</i> , 2019, 12, 37-45.	0.4	3
2299	Mild Parkinsonian Signs in a Hospital-based Cohort of Mild Cognitive Impairment Types: A Cross-sectional Study. <i>Current Alzheimer Research</i> , 2019, 16, 633-649.	0.7	5
2300	Combined Brain/Heart Magnetic Resonance Imaging in Systemic Lupus Erythematosus. <i>Current Cardiology Reviews</i> , 2020, 16, 178-186.	0.6	6
2301	Novel Automated Method for the Detection of White Matter Hyperintensities in Brain Multispectral MR Images. <i>Current Medical Imaging</i> , 2020, 16, 469-478.	0.4	2
2302	Diabetic Cognitive Dysfunction: From Bench to Clinic. <i>Current Medicinal Chemistry</i> , 2020, 27, 3151-3167.	1.2	13
2303	Vascular Cognitive Impairment in a Memory Clinic Population: Rationale and Design of the "Utrecht-Amsterdam Clinical Features and Prognosis in Vascular Cognitive Impairment" (TRACE-VCI) Study. <i>JMIR Research Protocols</i> , 2017, 6, e60.	0.5	29
2304	White matter hyperintensities in migraine: a review. <i>Precision and Future Medicine</i> , 2019, 3, 146-157.	0.5	6
2305	Amyloid angiitis and progressive cortical superficial siderosis as aggressive phenotypes of cerebral amyloid angiopathy: principles of rational management. <i>Russian Neurological Journal</i> , 2020, 24, 29-38.	0.1	2
2306	Perivascular Spaces in Old Age: Assessment, Distribution, and Correlation with White Matter Hyperintensities. <i>American Journal of Neuroradiology</i> , 2018, 39, 70-76.	1.2	45
2307	MRI Assessment of Cerebral Small Vessel Disease in Patients with Spontaneous Intracerebral Hemorrhage. <i>Yonsei Medical Journal</i> , 2019, 60, 774.	0.9	10

#	ARTICLE	IF	CITATIONS
2308	Update of Immunosenescence in Cerebral Small Vessel Disease. <i>Frontiers in Immunology</i> , 2020, 11, 585655.	2.2	13
2309	Pathomechanisms of HIV-Associated Cerebral Small Vessel Disease: A Comprehensive Clinical and Neuroimaging Protocol and Analysis Pipeline. <i>Frontiers in Neurology</i> , 2020, 11, 595463.	1.1	6
2310	Coexistence of Cerebral Microbleeds and Amyloid Pathology in Patients with Cognitive Complaints.		

#	ARTICLE	IF	CITATIONS
2327	Modifiable risk factors for dementia and dementia risk profiling. A user manual for Brain Health Services” part 2 of 6. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 169.	3.0	35
2328	Direct Rating Estimation of Enlarged Perivascular Spaces (EPVS) in Brain MRI Using Deep Neural Network. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9398.	1.3	4
2329	Cerebral Small Vessel Disease Burden Related to Carotid Intraplaque Hemorrhage Serves as an Imaging Marker for Clinical Symptoms in Carotid Stenosis. <i>Frontiers in Neurology</i> , 2021, 12, 731237.	1.1	3
2330	Cerebral Vasoreactivity Changes Over Time in Patients With Different Clinical Manifestations of Cerebral Small Vessel Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 727832.	1.7	5
2331	Impact of Peripheral Microvascular Endothelial Dysfunction on White Matter Hyperintensity. <i>Journal of the American Heart Association</i> , 2021, 10, e021066.	1.6	5
2332	Cerebral Vascular Dysfunctions Detected in Human Small Vessel Disease and Implications for Preclinical Studies. <i>Annual Review of Physiology</i> , 2022, 84, 409-434.	5.6	23
2333	A Novel Imaging Biomarker for Cerebral Small Vessel Disease Associated With Cognitive Impairment: The Deep-Medullary-Veins Score. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 720481.	1.7	7
2334	Cardiovascular risk moderates the effect of aerobic exercise on executive functions in older adults with subcortical ischemic vascular cognitive impairment. <i>Scientific Reports</i> , 2021, 11, 19974.	1.6	6
2335	Aggravation of Enlarged Perivascular Spaces in the Centrum Semiovale of Patients with Aneurysmal Subarachnoid Hemorrhage. <i>Clinical Neuroradiology</i> , 2022, 32, 79-87.	1.0	3
2336	Better Screening Value of Sylvian Fissure Ratio on Cognitive Decline Among Female Compared to Male: An Observational Study in Elderly Patients With Cerebral Small Vessel Disease in Soochow. <i>Frontiers in Neuroscience</i> , 2021, 15, 729782.	1.4	3
2337	Perfusion Defects and Collateral Flow Patterns in Acute Small Subcortical Infarction: a 4D Dynamic MRI Study. <i>Translational Stroke Research</i> , 2022, 13, 399-409.	2.3	13
2338	A deep learning algorithm for white matter hyperintensity lesion detection and segmentation. <i>Neuroradiology</i> , 2022, 64, 727-734.	1.1	9
2339	Neurovascular Coupling Is Impaired in Hypertensive and Diabetic Subjects Without Symptomatic Cerebrovascular Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 728007.	1.7	9
2340	Fabry-Stroke Italian Registry (FSIR): a nationwide, prospective, observational study about incidence and characteristics of Fabry-related stroke in young-adults. Presentation of the study protocol. <i>Neurological Sciences</i> , 2022, 43, 2433-2439.	0.9	1
2341	Parkinsonism and cerebrovascular disease. <i>Journal of the Neurological Sciences</i> , 2022, 433, 120011.	0.3	11
2342	Interactions of comorbid neuropsychiatric subsyndromes with neurodegenerative and cerebrovascular pathologies on cognition. <i>Neurobiology of Aging</i> , 2022, 109, 239-246.	1.5	2
2343	Presumed small vessel disease, imaging and cognition markers in the Alzheimer’s Disease Neuroimaging Initiative. <i>Brain Communications</i> , 2021, 3, fcab226.	1.5	2
2344	Small Vessel Disease, a Marker of Brain Health: What the Radiologist Needs to Know. <i>American Journal of Neuroradiology</i> , 2022, 43, 650-660.	1.2	13

#	ARTICLE	IF	CITATIONS
2345	Association of cerebral small vessel disease burden with brain structure and cognitive and vascular risk trajectories in mid-to-late life. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 600-612.	2.4	9
2346	The Relationship Between ADAMTS13 Activity and Overall Cerebral Small Vessel Disease Burden: A Cross-Sectional Study Based on CSVD. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 738359.	1.7	1
2347	Relationship between Cerebrospinal Fluid Matrix Metalloproteinases Levels and Brain Amyloid Deposition in Mild Cognitive Impairment. <i>Biomolecules</i> , 2021, 11, 1496.	1.8	5
2348	Lacunar strokes: does shape matter?. <i>Arquivos De Neuro-Psiquiatria</i> , 2013, 71, 753-754.	0.3	0
2349	Dynamic cerebral autoregulation and tissue oxygenation in amnesic mild cognitive impairment (1068.7). <i>FASEB Journal</i> , 2014, 28, 1068.7.	0.2	0
2350	Alzheimer and Markers. <i>Journal of Neurology &amp; Stroke</i> , 2015, 2, .	0.0	0
2351	Magnetic Resonance Imaging in Neuropsychiatric Lupus. <i>F1000Research</i> , 2015, 4, 162.	0.8	14
2352	Acute Lacunar Infarction Adjacent to the Pre-existing Cerebral Microbleeds. <i>Journal of the Korean Neurological Association</i> , 2015, 33, 245-246.	0.0	0
2353	The Neuroimaging Assessment Progress of Cognitive Impairment Associated with Cerebral Small Vessel Disease. <i>International Journal of Psychiatry and Neurology</i> , 2016, 05, 21-26.	0.1	1
2354	Small Vessel Disease of the Brain and Stroke: Association with Clinic and Ambulatory Blood Pressure. <i>Hypertension Journal</i> , 2016, 2, 65-73.	0.1	0
2356	Cerebrovascular reactivity in carotid and vertebrobasilar circulative pools at the initial manifestations of chronic cerebral ischemia. <i>ScienceRise</i> , 2016, 2, 39.	0.1	0
2357	Correlation of Autoimmune Reactivity and Vasomotor Endothelial Function in Patients with Initial Manifestations of Chronic Cerebral Ischemia. <i>International Neurological Journal</i> , 2016, .	0.2	0
2358	Cerebral Microbleeds in a Small Cohort of Patients with First Ever Lacunar Stroke. A 3Tesla MRI Longitudinal Case Series. <i>Journal of Neurology Neurological Science and Disorders</i> , 2016, 2, 001-003.	1.2	0
2359	Endothelial vasomotor function and cerebrovascular reactivity in the initial manifestations chronic cerebral ischemia. <i>Family Medicine</i> , 2016, .	0.1	0
2360	Vestibular-limbic relationships: Brain mapping. , 2017, 2, 007-013.		2
2361	Vascular Parkinsonism. , 2017, , 233-247.		0
2366	The Altered Cerebral Homeostasis with Aging in Diabetes Mellitus and Cognitive Decline. <i>Gerontology &amp; Geriatrics Studies</i> , 2018, 3, .	0.1	0
2368	Neuroimaging signs of brain lesions in patients with gene-associated microangiopathy (CADASIL). <i>Medical Visualization</i> , 2018, , 17-25.	0.1	1

#	ARTICLE	IF	CITATIONS
2369	Characteristics and clinical significance of magnetic resonance imaging manifestations of cerebral small vessel disease in acute period of ischemic stroke. <i>Kazan Medical Journal</i> , 2018, 99, 562-568.	0.1	1
2370	The associations between bone mineral density and cerebral white matter hyperintensity in elderly stroke patients. <i>Precision and Future Medicine</i> , 2018, 2, 117-123.	0.5	0
2372	Are risk factors of cerebral small vessel disease differ from those in patients with high atherothrombotic risk without cerebrovascular disease?. <i>Journal of Medical Science</i> , 2018, 87, 145-153.	0.2	0
2375	The Relationship between Progression of Retinal Microvascular Lesions and Cerebral Small Vessel Disease Over Time. <i>Journal of Neurosonology and Neuroimaging</i> , 2018, 10, 138-145.	0.0	0
2376	Sporadic cerebral non-amyloid microangiopathy: pathogenesis, diagnosis, and features of treatment policy. <i>Nevrologiya, Neiropsikhiatriya, Psikhosomatika</i> , 2018, 10, 13-22.	0.2	7
2377	Characteristics of the clinical course of ischemic stroke against the background small vessel disease. <i>Ukrainian Neurological Journal</i> , 2018, .	0.0	0
2378	Cognitive Decline in Elderly Patients with Hypertensive Heart Disease. , 2019, , 1-15.		0
2380	Data Pooling and Sampling of Heterogeneous Image Data for White Matter Hyperintensity Segmentation. <i>Lecture Notes in Computer Science</i> , 2019, , 86-94.	1.0	0
2381	Cerebral Small Vessel Disease and Vascular Cognitive Impairment. , 2019, , 449-459.		0
2382	The Whole Picture: From Isolated to Global MRI Measures of Neurovascular and Neurodegenerative Disease. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1205, 25-53.	0.8	1
2386	Cerebral small vessel disease: classification, clinical manifestations, diagnosis, and features of treatment. <i>Nevrologiya, Neiropsikhiatriya, Psikhosomatika</i> , 2019, 11, 4-17.	0.2	14
2387	Early signs of damage to the brain as a target organ in hypertension. <i>Nevrologiya, Neiropsikhiatriya, Psikhosomatika</i> , 2019, 11, 32-37.	0.2	3
2389	Neuroimaging techniques for diagnosing Alzheimer's disease and cerebrovascular diseases with cognitive impairment. <i>Nevrologiya, Neiropsikhiatriya, Psikhosomatika</i> , 2019, 11, 18-25.	0.2	7
2390	Risk Factors for Aphasia in Cerebral Small Vessel Diseases. <i>Current Neurovascular Research</i> , 2019, 16, 107-114.	0.4	1
2391	CLINICAL RESPONSE TO HIGH FREQUENCY TMS AMONG PATIENTS WITH CEREBRAL SMALL VESSEL DISEASE. <i>Ain Shams Medical Journal</i> , 2019, 70, 699-704.	0.0	0
2394	Pervasive Sensing. <i>Computer Communications and Networks</i> , 2020, , 3-22.	0.8	0
2396	Neurobiology of Falls: Neuroimaging Assessment. , 2020, , 165-188.		2
2397	Blood-Borne Biomarkers of Hypertension Predicting Hemorrhagic and Ischemic Stroke. <i>Neuromethods</i> , 2020, , 125-155.	0.2	0

#	ARTICLE	IF	CITATIONS
2399	Vascular Cognitive Impairment. , 2020, , 119-127.		0
2401	Levels of serum S100B are associated with cognitive dysfunction in patients with type 2 diabetes. Aging, 2020, 12, 4193-4203.	1.4	7
2402	Nighttime hypoxia affects global cognition, memory, and executive function in community-dwelling individuals with hypertension. Journal of Clinical Sleep Medicine, 2020, 16, 243-250.	1.4	3
2403	Author response: WMH and long-term outcomes in ischemic stroke: A systematic review and meta-analysis. Neurology, 2020, 94, 411-411.	1.5	0
2404	Relationships of handgrip strength with the presence of cerebral microbleeds and platelet count in older Japanese adults. Oncotarget, 2020, 11, 1705-1713.	0.8	2
2408	Silent cerebrovascular disease in hypertensive adults is frequent and age-dependent. Annals of Clinical Hypertension, 2020, 4, 001-008.	0.7	1
2410	The Relationship Between Chronic Obstructive Pulmonary Disease and Cerebral Small Vessel Disease Assessed by Magnetic Resonance Imaging: A Case-Control Study from a Single Center in Beijing, China. Medical Science Monitor, 2020, 26, e925703.	0.5	2
2411	Sex Differences in Cerebral Small Vessel Disease: A Systematic Review and Meta-Analysis. Frontiers in Neurology, 2021, 12, 756887.	1.1	29
2412	The radiological interpretation of possible microbleeds after moderate or severe traumatic brain injury: a longitudinal study. Neuroradiology, 2022, 64, 1145-1156.	1.1	2
2413	Long-Term Use of Metformin Is Associated With Reduced Risk of Cognitive Impairment With Alleviation of Cerebral Small Vessel Disease Burden in Patients With Type 2 Diabetes. Frontiers in Aging Neuroscience, 2021, 13, 773797.	1.7	17
2414	Hypertensive Retinopathy and All-Cause Mortality in Older Adults of Amerindian Ancestry. A Population-based Longitudinal Prospective Study. High Blood Pressure and Cardiovascular Prevention, 2021, 28, 613-618.	1.0	1
2415	Independent effects of amyloid and vascular markers on long-term functional outcomes: An 8-year longitudinal study of subcortical vascular cognitive impairment. European Journal of Neurology, 2021, , .	1.7	2
2416	Low plasma ergothioneine levels are associated with neurodegeneration and cerebrovascular disease in dementia. Free Radical Biology and Medicine, 2021, 177, 201-211.	1.3	32
2417	Cerebral Small Vessel Disease. Stroke Revisited, 2020, , 61-79.	0.2	1
2418	Classical Neuroimaging Biomarkers of Vascular Cognitive Impairment. Stroke Revisited, 2020, , 99-112.	0.2	0
2420	White matter hyperintensity in middle-age adults (40-59 years) and risk factors for cerebrovascular disease. Russian Neurological Journal, 2020, 25, 36-44.	0.1	2
2421	Circulating angiotensin-2 and angiogenic microRNAs associate with cerebral small vessel disease and cognitive decline in older patients reaching end-stage renal disease. Nephrology Dialysis Transplantation, 2022, 37, 498-506.	0.4	11
2423	Diagnostics of cerebral amyloid angiopathy: the way to Boston criteria 2.0. Russian Neurological Journal, 2020, 25, 4-13.	0.1	2



#	ARTICLE	IF	CITATIONS
2424	White Matter Hyperintensities Quantification in Healthy Adults: A Systematic Review and Meta-Analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 1732-1743.	1.9	12
2425	Magnetic resonance imaging manifestations of cerebral small vessel disease: automated quantification and clinical application. <i>Chinese Medical Journal</i> , 2021, 134, 151-160.	0.9	9
2426	Long-Term Vascular Outcomes in Patients With Mixed Location Intracerebral Hemorrhage and Microbleeds. <i>Neurology</i> , 2021, 96, e995-e1004.	1.5	11
2427	Cutaneous Sensory and Autonomic Small Fiber Neuropathy in HTRA1-Related Cerebral Small Vessel Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 713-716.	0.9	2
2428	APOE Genotypes and Brain Imaging Classes in Normal Cognition, Mild Cognitive Impairment, and Alzheimer's Disease: A Longitudinal Study. <i>Current Alzheimer Research</i> , 2020, 17, 766-780.	0.7	3
2429	Heart failure is independently associated with white matter lesions: insights from the population-based LIFE Adult Study. <i>ESC Heart Failure</i> , 2021, 8, 697-704.	1.4	16
2430	Patient-specific fine-tuning of convolutional neural networks for follow-up lesion quantification. <i>Journal of Medical Imaging</i> , 2020, 7, 064003.	0.8	7
2431	Automatic quantification of white matter hyperintensities on T2-weighted fluid attenuated inversion recovery magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2022, 85, 71-79.	1.0	6
2433	Alzheimer Dementia and Microvascular Pathology: Blood-Brain Barrier Permeability Imaging. <i>Journal of the Korean Society of Radiology</i> , 2020, 81, 488.	0.1	3
2434	Nine-Year Ethanol Intake Trajectories and Their Association With 15-Year Cognitive Decline Among Black and White Adults. <i>American Journal of Epidemiology</i> , 2020, 189, 788-800.	1.6	1
2436	Imaging Biomarkers: Keys to Decision-Making in Stroke. <i>Neuroinformatics</i> , 2020, , 259-296.	0.2	0
2439	Neuroimaging Characteristics of Subcortical Vascular Cognitive Impairment. <i>Stroke</i> , 2020, , 113-126.	0.2	0
2440	Small vessel disease and dementia. , 2020, , 33-48.		0
2441	CCCDTD5: Clinical role of neuroimaging and liquid biomarkers in patients with cognitive impairment. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12098.	1.8	5
2442	Research Progress of Total Burden of Cerebral Small Vessel Disease and Blood Pressure Variability. <i>Advances in Clinical Medicine</i> , 2020, 10, 2510-2514.	0.0	1
2443	Brain Atrophy Subtypes and the ATN Classification Scheme in Alzheimer's Disease. <i>Neurodegenerative Diseases</i> , 2020, 20, 153-164.	0.8	6
2444	Role of Granulocyte-colony Stimulating Factor in the Protection of Cerebral Vascular Endothelium, White Matter, and Cognition. <i>Current Neurovascular Research</i> , 2020, 16, 425-432.	0.4	3
2445	Differential Influence of Location-Specific White-Matter Hyperintensities on Attention Subdomains Measured Using the Attention Network Test. <i>Medical Science Monitor</i> , 2020, 26, e921874.	0.5	3

#	ARTICLE	IF	CITATIONS
2446	Emergency Management of Acute Intracerebral Hemorrhage. <i>Current Clinical Neurology</i> , 2020, , 139-148.	0.1	0
2447	The Relationship between Cerebral Small Vessel Disease and Cognitive Impairment after Minor Stroke. <i>Advances in Clinical Medicine</i> , 2020, 10, 645-651.	0.0	1
2448	Cognitive Decline in Elderly Patients with Hypertensive Heart Disease. , 2020, , 79-93.		0
2451	Differential Influence of Diabetes on Stroke Subtype. <i>Stroke Revisited</i> , 2021, , 69-79.	0.2	0
2453	Multiple Causes of Dementia as Engineered Senescence. <i>European Journal of Medical and Health Sciences</i> , 2020, 2, .	0.1	2
2454	The Protective Effect of Quercetin on Endothelial Cells Injured by Hypoxia and Reoxygenation. <i>Frontiers in Pharmacology</i> , 2021, 12, 732874.	1.6	24
2455	Roseburia Abundance Associates With Severity, Evolution and Outcome of Acute Ischemic Stroke. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 669322.	1.8	12
2456	Abnormal Cerebral Blood Flow and Functional Connectivity Strength in Subjects With White Matter Hyperintensities. <i>Frontiers in Neurology</i> , 2021, 12, 752762.	1.1	8
2457	Type 2 diabetes and cognitive functions in patients with chronic cerebrovascular diseases. <i>Terapevticheskii Arkhiv</i> , 2021, 93, 1179-1185.	0.2	1
2458	Sleep Quality Mediates the Association Between Cerebral Small Vessel Disease Burden and Frailty: A Community-Based Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 751369.	1.7	7
2459	Subclinical Vascular Brain Lesions in Young Adults With Acute Ischemic Stroke. <i>Stroke</i> , 2022, 53, 1190-1198.	1.0	4
2460	Orthostatic hypotension is not associated with small vessel disease progression or cognitive decline. <i>Cerebral Circulation - Cognition and Behavior</i> , 2021, 2, 100032.	0.4	1
2461	Brain Function and Falls. , 2021, , 130-143.		0
2463	Association between small dense low-density lipoprotein cholesterol and neuroimaging markers of cerebral small vessel disease in middle-aged and elderly Chinese populations. <i>BMC Neurology</i> , 2021, 21, 436.	0.8	5
2464	Peak ependymal cell stretch overlaps with the onset locations of periventricular white matter lesions. <i>Scientific Reports</i> , 2021, 11, 21956.	1.6	6
2465	The Influence of Amyloid Burden on Cognitive Decline over 2 years in Older Adults with Subjective Cognitive Decline: A Prospective Cohort Study. <i>Dementia and Geriatric Cognitive Disorders</i> , 2021, 50, 437-445.	0.7	7
2466	Global white matter structural integrity mediates the effect of age on ischemic stroke outcomes. <i>International Journal of Stroke</i> , 2021, , 174749302110559.	2.9	1
2467	Long-term neuropsychiatric symptoms in spontaneous intracerebral haemorrhage survivors. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 232-237.	0.9	11

#	ARTICLE	IF	CITATIONS
2468	Clinical Translation of Cerebrovascular Mapping. <i>NeuroMethods</i> , 2022, , 185-206.	0.2	0
2469	Reliability of arterial spin labeling derived cerebral blood flow in periventricular white matter. <i>NeuroImage Reports</i> , 2021, 1, 100063.	0.5	9
2470	Role of magnetic susceptibility-weighted imaging in characterization of cerebral microbleeds in acute ischemic stroke Egyptian obese patients. <i>Egyptian Journal of Neurology, Psychiatry and Neurosurgery</i> , 2020, 56, .	0.4	0
2472	Neuroprotective Potentials of Natural Vitamin E for Cerebral Small Vessel Disease. , 0, , .		0
2473	Neuroimaging patterns of chronic cerebrovascular insufficiency with evaluation of cerebral perfusion depending on the level of cognitive disorders. <i>Medical Visualization</i> , 2020, 24, 114-122.	0.1	1
2474	White matter tract microstructure and cognitive performance after transient ischemic attack. <i>PLoS ONE</i> , 2020, 15, e0239116.	1.1	9
2475	Depressive disorder and quality of life in patients with cerebral microangiopathy. <i>SeĀenovskij Vestnik</i> , 2020, 11, 49-58.	0.3	0
2476	Small Vessel Disease and Associations with Cerebrospinal Fluid Amyloid, Tau, and Neurodegeneration (ATN) Biomarkers and Cognition in Young Onset Dementia. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1305-1314.	1.2	9
2477	Brain imaging factors associated with progression of subcortical hyperintensities in CADASIL over 2â€year followâ€up. <i>European Journal of Neurology</i> , 2021, 28, 220-228.	1.7	5
2478	Discovering correlates of age-related decline in a healthy late-midlife male birth cohort. <i>Aging</i> , 2020, 12, 16709-16743.	1.4	2
2479	SPECT and PET in Vascular Dementia. , 2021, , 563-575.		0
2480	Differences in location of cerebral white matter hyperintensities in children and adults living with a treated HIV infection: A retrospective cohort comparison. <i>PLoS ONE</i> , 2020, 15, e0241438.	1.1	1
2483	Total small vessel disease burden and functional outcome in patients with ischemic stroke. <i>PLoS ONE</i> , 2020, 15, e0242319.	1.1	16
2484	MRI-visible perivascular spaces are associated with cerebrospinal fluid biomarkers in Parkinsonâ€™s disease. <i>Aging</i> , 2020, 12, 25805-25818.	1.4	15
2485	Association between Matrix Metalloproteinases, Their Tissue Inhibitor and White Matter Lesions in Mild Cognitive Impairment. <i>Current Alzheimer Research</i> , 2020, 17, 547-555.	0.7	6
2486	Recent progress on small vessel disease with cognitive impairment. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 7701-9.	1.3	8
2487	Evaluation of carotid artery elasticity changes in patients with cerebral small vessel disease. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 18825-30.	1.3	7
2488	Differences in Rate of Cognitive Decline and Caregiver Burden between Alzheimer's Disease and Vascular Dementia: a Retrospective Study. , 2016, 2, 278-286.		5

#	ARTICLE	IF	CITATIONS
2489	Reperfusion Injury after ischemic Stroke Study (RISKS): single-centre (Florence, Italy), prospective observational protocol study. <i>BMJ Open</i> , 2018, 8, e021183.	0.8	5
2490	Rationale and design for the detection and neurological impact of cerebrovascular events in non-cardiac surgery patients cohort evaluation (NeuroVISION) study: a prospective international cohort study. <i>BMJ Open</i> , 2018, 8, e021521.	0.8	3
2492	Implementation of Imaging Methods in Evaluation of T2DM-Related Brain Alterations and Cognitive Dysfunction. <i>Acta Informatica Medica</i> , 2020, 28, 138-143.	0.5	0
2493	Associations of subclinical cerebral small vessel disease and processing speed in non-demented subjects: A 7-year study. <i>NeuroImage: Clinical</i> , 2021, 32, 102884.	1.4	10
2494	Recovery of balance and gait after stroke is deteriorated by confluent white matter hyperintensities: Cohort study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2022, 65, 101488.	1.1	10
2495	Acupuncture on vascular cognitive impairment associated with cerebral small vessel disease: A systematic review and meta-analysis of randomized and non-randomized controlled trials. <i>European Journal of Integrative Medicine</i> , 2022, 49, 101403.	0.8	2
2496	Cerebral small vessel disease phenotype and 5-year mortality in asymptomatic middle-to-old aged individuals. <i>Scientific Reports</i> , 2021, 11, 23149.	1.6	3
2497	Characterizing the Neuroimaging and Histopathological Correlates of Cerebral Small Vessel Disease in Spontaneously Hypertensive Stroke-Prone Rats. <i>Frontiers in Neurology</i> , 2021, 12, 740298.	1.1	10
2498	Rivaroxaban versus aspirin for prevention of covert brain infarcts in patients with embolic stroke of undetermined source: NAVIGATE ESUS MRI substudy. <i>International Journal of Stroke</i> , 2022, 17, 799-805.	2.9	8
2499	Study on the Correlation Between Ischemic Leukoaraiosis and Cerebral Large Artery Stenosis Using the Stages of the Preinfarction Period Based on the Result of Computed Tomography Perfusion. <i>Neurologist</i> , 2022, 27, 1-5.	0.4	2
2500	Association Between Antemortem FLAIR White Matter Hyperintensities and Neuropathology in Brain Donors Exposed to Repetitive Head Impacts. <i>Neurology</i> , 2022, 98, .	1.5	14
2502	Plasma aldosterone concentration is associated with white matter lesions in patients with primary aldosteronism. <i>Endocrine</i> , 2022, 75, 889-898.	1.1	1
2503	Cerebrovascular Risk-Factors of Prevalent and Incident Brain Infarcts in the General Population: The AGES-Reykjavik Study. <i>Stroke</i> , 2022, 53, 1199-1206.	1.0	8
2504	Relationship of white matter hyperintensities with clinical features of seizures in patients with epilepsy. <i>Arquivos De Neuro-Psiquiatria</i> , 2021, , .	0.3	2
2505	Precision medicine in secondary prevention of ischemic stroke: how may blood-based biomarkers help in clinical routine? An expert opinion. <i>Current Opinion in Neurology</i> , 2022, 35, 45-54.	1.8	7
2507	Total cerebral small vessel disease score and all-cause mortality in older adults of Amerindian ancestry: The Atahualpa Project. <i>European Stroke Journal</i> , 2021, 6, 412-419.	2.7	4
2508	Diagnostic Utility of Integrated <sup>11</sup> C-Pittsburgh Compound B Positron Emission Tomography/Magnetic Resonance for Cerebral Amyloid Angiopathy: A Pilot Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 721780.	1.7	5
2509	Endothelial Dysfunction and Hyperhomocysteinemia-Linked Cerebral Small Vessel Disease: Underlying Mechanisms and Treatment Timing. <i>Frontiers in Neurology</i> , 2021, 12, 736309.	1.1	4

#	ARTICLE	IF	CITATIONS
2510	Magnetic Resonance Imaging-Visible Perivascular Spaces in the Basal Ganglia Are Associated With the Diabetic Retinopathy Stage and Cognitive Decline in Patients With Type 2 Diabetes. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 666495.	1.7	11
2511	Cerebral Small Vessel Disease. , 2022, , 781-792.		0
2512	Pre-operative Cerebral Small Vessel Disease on MR Imaging Is Associated With Cerebral Hyperperfusion After Carotid Endarterectomy. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 734392.	1.1	1
2513	Asymptomatic Carotid Disease and Cognitive Impairment: What Is the Evidence?. <i>Frontiers in Neurology</i> , 2021, 12, 741500.	1.1	4
2514	Severity of Intracranial Large Artery Disease Correlates With Cerebral Small Vessel Disease. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 264-272.	1.9	6
2515	Magnetic Resonance Imaging Markers of Cerebral Small Vessel Disease in Adults with Moyamoya Disease. <i>Translational Stroke Research</i> , 2021, , 1.	2.3	5
2516	Neurofilament Light Chain as a Biomarker in Cerebral Small-Vessel Disease. <i>Molecular Diagnosis and Therapy</i> , 2022, 26, 1-6.	1.6	5
2518	Cerebral aspergillosis in the era of new antifungals: The CEREALS national cohort study Nationwide CERebral Aspergillosis Lesional study (CEREALS). <i>Journal of Infection</i> , 2022, 84, 227-236.	1.7	5
2519	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
2520	Cerebral Microbleeds and Treatment Effect of Intravenous Thrombolysis in Acute Stroke. <i>Neurology</i> , 2022, 98, .	1.5	19
2521	Segmentation of Cerebral Small Vessel Diseases-White Matter Hyperintensities Based on a Deep Learning System. <i>Frontiers in Medicine</i> , 2021, 8, 681183.	1.2	3
2522	Disrupted White Matter Integrity and Cognitive Functions in Amyloid- $\beta^2$ Positive Alzheimer's Disease with Concomitant Lobar Cerebral Microbleeds. <i>Journal of Alzheimer's Disease</i> , 2021, , 1-12.	1.2	3
2523	Heterogeneity of Tau Deposition and Microvascular Involvement in MCI and AD. <i>Current Alzheimer Research</i> , 2021, 18, 711-720.	0.7	6
2524	Cilostazol Versus Aspirin on White Matter Changes in Cerebral Small Vessel Disease: A Randomized Controlled Trial. <i>Stroke</i> , 2022, 53, 698-709.	1.0	8
2525	Positive Association Between Plasma Aldosterone Concentration and White Matter Lesions in Patients With Hypertension. <i>Frontiers in Endocrinology</i> , 2021, 12, 753074.	1.5	5
2526	Physiology and Clinical Relevance of Enlarged Perivascular Spaces in the Aging Brain. <i>Neurology</i> , 2022, 98, 107-117.	1.5	30
2527	Imaging Markers of Subcortical Vascular Dementia in Patients With Multiple-Lobar Cerebral Microbleeds. <i>Frontiers in Neurology</i> , 2021, 12, 747536.	1.1	2
2528	Glycemic control is not related to cerebral small vessel disease in neurologically asymptomatic individuals with type 1 diabetes. <i>Acta Diabetologica</i> , 2022, 59, 481-490.	1.2	2

#	ARTICLE	IF	CITATIONS
2529	The Relationship Between Renal Function and Imaging Markers and Total Burden of Cerebral Small Vessel Disease. <i>Neurologist</i> , 2021, Publish Ahead of Print, .	0.4	0
2530	Association Between Cerebral Cortical Microinfarcts and Perilesional Cortical Atrophy on 3T MRI. <i>Neurology</i> , 2022, 98, .	1.5	7
2531	Aerobic exercise in older people with subclinical sporadic cerebral small vessel disease: A randomized clinical trial. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2021, 7, e12224.	1.8	0
2532	Cerebrovascular stiffness and flow dynamics in the presence of amyloid and tau biomarkers. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12253.	1.2	4
2533	The Risk Factor Of&nbsp;Thrombus Formation and the Effect of Catheter Ablation on Repetitive Thrombus Formation in Patients With Atrial Fibrillation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2534	Peak Width of Skeletonized Mean Diffusivity is Used to Explore the Association of Chronic Renal Failure Correlates and Cerebral Small Vessel Disease. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2535	Gene-mapping study of extremes of cerebral small vessel disease reveals TRIM47 as a strong candidate. <i>Brain</i> , 2022, 145, 1992-2007.	3.7	6
2536	Magnetic resonance imaging assessment of cerebral small vessel disease intensification in patients with severe aortic valve stenosis. <i>Polish Journal of Radiology</i> , 2021, 86, 564-573.	0.5	0
2538	A daily temperature rhythm in the human brain predicts survival after brain injury. <i>Brain</i> , 2022, 145, 2031-2048.	3.7	47
2539	Genetics of common cerebral small vessel disease. <i>Nature Reviews Neurology</i> , 2022, 18, 84-101.	4.9	30
2540	Different patterns of white matter lesions among patent foramen ovale, atherosclerotic cerebral small vessel disease and cerebral venous thrombosis. <i>Journal of Thrombosis and Thrombolysis</i> , 2022, 53, 911-925.	1.0	4
2541	Perivascular space in Parkinson's disease: Association with CSF amyloid/tau and cognitive decline. <i>Parkinsonism and Related Disorders</i> , 2022, 95, 70-76.	1.1	16
2542	MRI and CT imaging biomarkers of cerebral amyloid angiopathy in lobar intracerebral hemorrhage. <i>International Journal of Stroke</i> , 2023, 18, 85-94.	2.9	11
2543	Social determinants of health and cognitive performance of older adults living in rural communities: The Three Villages Study. <i>International Journal of Geriatric Psychiatry</i> , 2022, 37, .	1.3	5
2544	Does the Internal Carotid Artery Attenuate Blood&#x2013;Flow Pulsatility in Small Vessel Disease? A 7&#x2013;T <sup>4D</sup>&#x2013;Flow <sup>MRI</sup> Study. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 527-535.	1.9	10
2545	Total magnetic resonance imaging of cerebral small vessel disease burden predicts dysphagia in patients with a single recent small subcortical infarct. <i>BMC Neurology</i> , 2022, 22, 1.	0.8	22
2546	Biomarkers used in Alzheimer&#x2013;s disease diagnosis, treatment, and prevention. <i>Ageing Research Reviews</i> , 2022, 74, 101544.	5.0	60
2549	Review of the Protective Effects of Statins on Cognition. <i>Cardiology in Review</i> , 2020, Publish Ahead of Print, 328-335.	0.6	3



#	ARTICLE	IF	CITATIONS
2550	Dysfunction of the Blood-brain Barrier in Cerebral Microbleeds: from Bedside to Bench. , 2021, 12, 1898.		21
2551	Individual prediction and classification of cognitive impairment in patients with white matter lesions based on gray matter volume. <i>Annals of Translational Medicine</i> , 2021, 10, 0-0.	0.7	1
2552	Pathogenesis and Imaging Features of Cerebral White Matter Lesions of Vascular Origins. , 2021, 12, 2031.		10
2553	Tracer kinetic assessment of blood-brain barrier leakage and blood volume in cerebral small vessel disease: Associations with disease burden and vascular risk factors. <i>NeuroImage: Clinical</i> , 2021, 32, 102883.	1.4	7
2554	Clinical and MRI features about two types of silent cerebral small-vessel disease in type-2 diabetes mellitus: a retrospective cross-sectional study in a tertiary hospital. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 2385-2396.	1.1	0
2555	Explore the correlation between cerebral vessel characteristics with cognitive impairment among elder individuals: a community study from China. <i>BMC Neurology</i> , 2021, 21, 484.	0.8	1
2556	Effect of vascular amyloid on white matter disease is mediated by vascular dysfunction in cerebral amyloid angiopathy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1272-1281.	2.4	9
2557	The influence of cerebrovascular disease in dementia with Lewy bodies and Parkinson's disease dementia. <i>European Journal of Neurology</i> , 2022, 29, 1254-1265.	1.7	9
2558	Serum Cortisol Is Associated With Cerebral Small Vessel Disease-Related Brain Changes and Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 809684.	1.7	5
2559	Impaired Glymphatic Function and Pulsation Alterations in a Mouse Model of Vascular Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 788519.	1.7	15
2560	Magnetic Resonance Imaging Markers for Cognitive Impairment in Parkinson's Disease: Current View. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 788846.	1.7	5
2561	Cerebral Microbleeds Are Associated With Increased Brain Iron and Cognitive Impairment in Patients With Cerebral Small Vessel Disease: A Quantitative Susceptibility Mapping Study. <i>Journal of Magnetic Resonance Imaging</i> , 2022, , .	1.9	9
2562	The role of inflammasomes in vascular cognitive impairment. <i>Molecular Neurodegeneration</i> , 2022, 17, 4.	4.4	43
2563	Prevalence of, and risk factors for, cognitive impairment in lacunar stroke. <i>International Journal of Stroke</i> , 2023, 18, 62-69.	2.9	7
2564	Magnetic susceptibility in the deep gray matter may be modulated by apolipoprotein E4 and age with regional predilections: a quantitative susceptibility mapping study. <i>Neuroradiology</i> , 2022, , 1.	1.1	5
2565	Cerebrospinal Fluid Biomarkers, Brain Structural and Cognitive Performances Between Normotensive and Hypertensive Controlled, Uncontrolled and Untreated 70-Year-Old Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 777475.	1.7	4
2566	Gut Microbiota Composition Is Related to AD Pathology. <i>Frontiers in Immunology</i> , 2021, 12, 794519.	2.2	57
2567	Automated grading of enlarged perivascular spaces in clinical imaging data of an acute stroke cohort using an interpretable, 3D deep learning framework. <i>Scientific Reports</i> , 2022, 12, 788.	1.6	11



#	ARTICLE	IF	CITATIONS
2568	Impact of leukoaraiosis in patients with acute ischemic stroke treated with thrombectomy: a post hoc analysis of the DIRECT-MT trial. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 139-145.	2.0	7
2569	Diagnosing vascular cognitive impairment: Current challenges and future perspectives. <i>International Journal of Stroke</i> , 2023, 18, 36-43.	2.9	12
2570	The Effect of Training Sample Size on the Prediction of White Matter Hyperintensity Volume in a Healthy Population Using BIANCA. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 720636.	1.7	5
2571	<scp>sTWEAK</scp> is a leukoaraiosis biomarker associated with neurovascular angiopathy. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 171-180.	1.7	6
2572	Asymmetric distribution of enlarged perivascular spaces in centrum semiovale may be associated with epilepsy after acute ischemic stroke. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 343-353.	1.9	15
2574	Predictive role of atrial fibrillation in cognitive decline: a systematic review and meta-analysis of 2.8 million individuals. <i>Europace</i> , 2022, 24, 1229-1239.	0.7	35
2575	Validation of external and internal exposome of the findings associated to cerebral small vessel disease: A Mendelian randomization study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1078-1090.	2.4	4
2576	Cerebral Microbleeds Were Related With Poor Cognitive Performances on the Dual Task Condition in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 807753.	1.7	1
2577	Contribution of Inflammation and Hypoperfusion to White Matter Hyperintensities-Related Cognitive Impairment. <i>Frontiers in Neurology</i> , 2021, 12, 786840.	1.1	12
2579	Macular Microvasculature Is Associated With Total Cerebral Small Vessel Disease Burden in Recent Single Subcortical Infarction. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 787775.	1.7	15
2580	Automated Detection of Candidate Subjects With Cerebral Microbleeds Using Machine Learning. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 777828.	1.3	5
2581	Deep Learning in Large and Multi-Site Structural Brain MR Imaging Datasets. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 805669.	1.3	19
2582	Assessment of microvascular rarefaction in human brain disorders using physiological magnetic resonance imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 718-737.	2.4	12
2583	The impact of brain atrophy on the outcomes of mechanical thrombectomy. <i>British Journal of Radiology</i> , 2022, 95, 20210494.	1.0	2
2584	The Potential Impact of Neuroimaging and Translational Research on the Clinical Management of Lacunar Stroke. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1497.	1.8	74
2585	Correlation Between Lacunae and the Wearing-off Phenomenon in Parkinson's Disease. <i>Neuropsychiatric Disease and Treatment</i> , 2022, Volume 18, 67-74.	1.0	1
2586	NT-proBNP, cerebral small vessel disease and cardiac function in patients with a recent lacunar infarct. <i>Journal of Human Hypertension</i> , 2023, 37, 62-67.	1.0	2
2587	White Matter Injury in CADASIL Patients Is Associated with Iron Accumulation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
2588	Right Hemispheric Predominance of Brain Infarcts in Atrial Fibrillation: A Lesion Mapping Analysis. <i>Journal of Stroke</i> , 2022, 24, 156-159.	1.4	2
2589	Neuropsychiatric symptoms as a sign of small vessel disease progression in cognitive impairment. <i>Cerebral Circulation - Cognition and Behavior</i> , 2022, 3, 100041.	0.4	2
2590	Fixel based analysis of white matter alterations in early stage cerebral small vessel disease. <i>Scientific Reports</i> , 2022, 12, 1581.	1.6	15
2591	Ischemia in intracerebral hemorrhage: A comparative study of small vessel and large vessel diseases. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 79-90.	1.7	5
2592	Poor Sleep Quality Associated With Enlarged Perivascular Spaces in Patients With Lacunar Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 809217.	1.1	3
2593	Early Brain Volume Changes After Stroke: Subgroup Analysis From the AXIS-2 Trial. <i>Frontiers in Neurology</i> , 2021, 12, 747343.	1.1	3
2594	A cluster of blood-based protein biomarkers reflecting coagulation relates to the burden of cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1282-1293.	2.4	7
2595	Test-retest reliability of arterial spin labelling for cerebral blood flow in older adults with small vessel disease. <i>Translational Stroke Research</i> , 2022, 13, 583-594.	2.3	7
2596	Longitudinal white matter hyperintensity changes and cognitive decline in patients with minor stroke. <i>Aging Clinical and Experimental Research</i> , 2022, 34, 1047-1054.	1.4	10
2597	Circulating Metabolome and White Matter Hyperintensities in Women and Men. <i>Circulation</i> , 2022, 145, 1040-1052.	1.6	17
2598	Role of White Matter Abnormalities in the Relationship Between Microbleed Burden and Cognitive Impairment in Cerebral Amyloid Angiopathy. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 667-678.	1.2	3
2599	Relationship of brain edema after deep brain stimulation surgery with motor and cognitive function. <i>Heliyon</i> , 2022, 8, e08900.	1.4	4
2600	Atrial Fibrillation and Dementia: A Report From the AF-SCREEN International Collaboration. <i>Circulation</i> , 2022, 145, 392-409.	1.6	65
2601	Vascular Contributions to Brain Health: Cross-Cutting Themes. <i>Stroke</i> , 2022, 53, 391-393.	1.0	7
2602	Risk Factors, Lifestyle Behaviors, and Vascular Brain Health. <i>Stroke</i> , 2022, 53, 394-403.	1.0	18
2603	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
2604	Imaging Markers of Vascular Brain Health: Quantification, Clinical Implications, and Future Directions. <i>Stroke</i> , 2022, 53, 416-426.	1.0	13
2605	The Triglyceride Glucose Index Is a Risk Factor for Enlarged Perivascular Space. <i>Frontiers in Neurology</i> , 2022, 13, 782286.	1.1	10

#	ARTICLE	IF	CITATIONS
2606	Magnetic resonance imaging-based scores of small vessel diseases: Associations with intracerebral haemorrhage location. <i>Journal of the Neurological Sciences</i> , 2022, 434, 120165.	0.3	1
2607	Incidental DWI Lesions in Patients with Recent Small Subcortical Infarctions. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106304.	0.7	2
2608	Measuring axial length of the eye from magnetic resonance brain imaging. <i>BMC Ophthalmology</i> , 2022, 22, 54.	0.6	7
2610	Effects of white matter hyperintensities distribution and clustering on late-life cognitive impairment. <i>Scientific Reports</i> , 2022, 12, 1955.	1.6	7
2611	A2DS2 Score Combined With Clinical and Neuroimaging Factors Better Predicts Stroke-Associated Pneumonia in Hyperacute Cerebral Infarction. <i>Frontiers in Neurology</i> , 2022, 13, 800614.	1.1	1
2612	White Matter Free Water Outperforms Cerebral Small Vessel Disease Total Score in Predicting Cognitive Decline in Persons with Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-11.	1.2	2
2613	Progression of neuroimaging markers of cerebral small vessel disease in older adults: A 6-year follow-up study. <i>Neurobiology of Aging</i> , 2022, 112, 204-211.	1.5	12
2614	FLAIR MRI biomarkers of the normal appearing brain matter are related to cognition. <i>NeuroImage: Clinical</i> , 2022, 34, 102955.	1.4	9
2615	Association of mid-life cerebral small vessel disease with diabetic retinopathy in type 2 diabetes in an Indian population. <i>Journal of Diabetes and Its Complications</i> , 2022, , 108149.	1.2	1
2616	Pre-Existing Non-Disabling Encephalomalacia Confers Risk to Stroke Outcomes After Endovascular Treatment. <i>Frontiers in Neurology</i> , 2022, 13, 833737.	1.1	0
2617	Impact of Small Vessel Disease Progression on Long-term Cognitive and Functional Changes After Stroke. <i>Neurology</i> , 2022, 98, .	1.5	9
2618	A data-driven deep learning pipeline for quantitative susceptibility mapping (QSM). <i>Magnetic Resonance Imaging</i> , 2022, 88, 89-100.	1.0	1
2619	Multimodal biological brain age prediction using magnetic resonance imaging and angiography with the identification of predictive regions. <i>Human Brain Mapping</i> , 2022, 43, 2554-2566.	1.9	23
2620	CAIDE dementia risk score relates to severity and progression of cerebral small vessel disease in healthy midlife adults: the PREVENT-Dementia study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 481-490.	0.9	13
2621	Incompleteness of circle of Willis and silent brain infarction in patients with internal carotid artery stenosis. <i>Journal of Clinical Neuroscience</i> , 2022, 98, 73-77.	0.8	4
2622	Reperfusion Injury after ischemic Stroke Study (RISKS): single-centre (Florence, Italy), prospective observational protocol study. <i>BMJ Open</i> , 2018, 8, e021183.	0.8	13
2623	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
2624	Platelet-derived growth factor-BB and white matter hyperintensity burden in APOE4 carriers. <i>Cerebral Circulation - Cognition and Behavior</i> , 2022, 3, 100131.	0.4	4

#	ARTICLE	IF	CITATIONS
2625	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
2626	Diffusion tensor tractography of the fornix in cerebral amyloid angiopathy, mild cognitive impairment and Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2022, 34, 103002.	1.4	2
2627	Brain and cognitive ageing: The present, and some predictions (and about the future). <i>Aging Brain</i> , 2022, 2, 100032.	0.7	6
2628	Blood-brain barrier dysfunction and reduced cerebrospinal fluid levels of soluble amyloid precursor protein <sup>12</sup> in patients with subcortical small-vessel disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12296.	1.2	5
2629	Automatic Segmentation of the Brain Stroke Lesions from MR Flair Scans Using Improved U-Net Framework. <i>SSRN Electronic Journal</i> , 0, .	0.4	0
2630	Lacunar infarction aggravates the cognitive deficit in the elderly with white matter lesion. <i>Open Life Sciences</i> , 2022, 17, 272-278.	0.6	0
2631	Impact of different white matter hyperintensities patterns on cognition: A cross-sectional and longitudinal study. <i>NeuroImage: Clinical</i> , 2022, 34, 102978.	1.4	8
2632	D-Dimer Reflects the Severity of Total MRI Burden of Cerebral Small Vessel Disease in Patients with Recent Small Subcortical Infarct. <i>Advances in Clinical Medicine</i> , 2022, 12, 959-968.	0.0	0
2633	Cerebral Microbleeds With Atrial Fibrillation After Ablation Therapy. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 818288.	1.8	0
2634	Disrupted topological organization of resting-state functional brain networks in cerebral small vessel disease. <i>Human Brain Mapping</i> , 2022, 43, 2607-2620.	1.9	16
2635	In Vivo Imaging of Rat Vascularity with FDG-Labeled Erythrocytes. <i>Pharmaceuticals</i> , 2022, 15, 292.	1.7	2
2636	Pre-treatment lesional volume in older stroke patients treated with endovascular treatment. <i>International Journal of Stroke</i> , 2022, 17, 1085-1092.	2.9	1
2637	Development of cognition decline in non-acute symptomatic patients with cerebral small vessel disease: Non-Acute Symptomatic Cerebral Ischemia Registration study (NASCIR) rationale and protocol for a prospective multicentre observational study. <i>BMJ Open</i> , 2022, 12, e050294.	0.8	2
2638	New Remote Cerebral Microbleeds on T2*-Weighted Echo Planar MRI After Intravenous Thrombolysis for Acute Ischemic Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 744701.	1.1	3
2639	Cerebrospinal Fluid Biomarkers in Cerebral Amyloid Angiopathy: New Data and Quantitative Meta-Analysis. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 783996.	1.7	13
2640	Altered Brain Morphometry in Cerebral Small Vessel Disease With Cerebral Microbleeds: An Investigation Combining Univariate and Multivariate Pattern Analyses. <i>Frontiers in Neurology</i> , 2022, 13, 819055.	1.1	4
2641	Efficacy of probucol on cognitive function in Alzheimer's disease: study protocol for a double-blind, placebo-controlled, randomised phase II trial (PIA study). <i>BMJ Open</i> , 2022, 12, e058826.	0.8	8
2642	Diabetes and Ischemic Stroke: An Old and New Relationship an Overview of the Close Interaction between These Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2397.	1.8	32

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2643	Circle of Willis Morphology in Primary Intracerebral Hemorrhage. <i>Translational Stroke Research</i> , 2022, , 1.	2.3	1
2644	Association between periodic limb movements during sleep and neuroimaging features of cerebral small vessel disease: A preliminary cross-sectional study. <i>Journal of Sleep Research</i> , 2022, 31, e13573.	1.7	2
2646	Genetic Study of Cerebral Small Vessel Disease in Chinese Han Population. <i>Frontiers in Neurology</i> , 2022, 13, 829438.	1.1	2
2647	Cerebral Microbleed Automatic Detection System Based on the "Deep Learning". <i>Frontiers in Medicine</i> , 2022, 9, 807443.	1.2	5
2648	Small Vessel Disease: Ancient Description, Novel Biomarkers. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3508.	1.8	9
2649	Impact of Encephalomalacia and White Matter Hyperintensities on ASPECTS in Patients With Acute Ischemic Stroke: Comparison of Automated and Radiologist-Derived Scores. <i>American Journal of Roentgenology</i> , 2021, , 1-10.	1.0	1
2650	Higher Burden of Cerebral Small Vascular Disease Predicts Major Adverse Cardiac and Cerebrovascular Events and Is Related to Abnormal Blood Pressure Variability Pattern in Hypertension Patients. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 824705.	1.7	0
2651	Posttraumatic Stress Symptoms After Stroke: The Effects of Anatomy and Coping Style. <i>Stroke</i> , 2022, 53, 1924-1933.	1.0	7
2652	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
2653	Rationale and design of the brain magnetic resonance imaging protocol for FutureMS: a longitudinal multi-centre study of newly diagnosed patients with relapsing-remitting multiple sclerosis in Scotland. <i>Wellcome Open Research</i> , 0, 7, 94.	0.9	6
2654	Arterial Tortuosity and Its Correlation with White Matter Hyperintensities in Acute Ischemic Stroke. <i>Neural Plasticity</i> , 2022, 2022, 1-10.	1.0	6
2655	Long-term cognitive, psychosocial, and neurovascular complications of unilateral head and neck irradiation in young to middle-aged adults. <i>BMC Cancer</i> , 2022, 22, 244.	1.1	1
2656	Advanced MRI in cerebral small vessel disease. <i>International Journal of Stroke</i> , 2023, 18, 28-35.	2.9	24
2657	Fully Automatic Classification of Brain Atrophy on NCCT Images in Cerebral Small Vessel Disease: A Pilot Study Using Deep Learning Models. <i>Frontiers in Neurology</i> , 2022, 13, 846348.	1.1	3
2658	CT-Visible Convexity Subarachnoid Hemorrhage Predicts Early Recurrence of Lobar Hemorrhage. <i>Frontiers in Neurology</i> , 2022, 13, 843851.	1.1	1
2659	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
2660	Towards standardizing retinal optical coherence tomography angiography: a review. <i>Light: Science and Applications</i> , 2022, 11, 63.	7.7	52
2661	Increased level of FAM19A5 is associated with cerebral small vessel disease and leads to a better outcome. <i>PeerJ</i> , 2022, 10, e13101.	0.9	0

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2662	Prevalence and Consequences of Cerebral Small Vessel Diseases: A Cross-Sectional Study Based on Community People Plotted Against 5-Year Age Strata. <i>Neuropsychiatric Disease and Treatment</i> , 2022, Volume 18, 499-512.	1.0	10
2664	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
2665	Increased Cerebral Small Vessel Disease Burden With Renal Dysfunction and Albuminuria in Patients Taking Antithrombotic Agents: The Bleeding With Antithrombotic Therapy 2. <i>Journal of the American Heart Association</i> , 2022, 11, e024749.	1.6	5
2666	Is the TOAST Classification Suitable for Use in Personalized Medicine in Ischemic Stroke?. <i>Journal of Personalized Medicine</i> , 2022, 12, 496.	1.1	8
2667	Carotid Artery Stiffness: Imaging Techniques and Impact on Cerebrovascular Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 852173.	1.1	7
2668	Circadian rhythms of blood pressure in hypertensive patients with cerebral microbleeds. <i>Brain and Behavior</i> , 2022, 12, e2530.	1.0	6
2669	Lacunes and type 2 diabetes mellitus have a joint effect on cognitive impairment: a retrospective study. <i>PeerJ</i> , 2022, 10, e13069.	0.9	2
2671	Initial PCV Chemotherapy Followed by Radiotherapy Is Associated With a Prolonged Response But Late Neurotoxicity in 20 Diffuse Low-Grade Glioma Patients. <i>Frontiers in Oncology</i> , 2022, 12, 827897.	1.3	6
2672	Characteristics of the Ontario Neurodegenerative Disease Research Initiative cohort. <i>Alzheimer's and Dementia</i> , 2023, 19, 226-243.	0.4	15
2673	Blood Neutrophil-to-Lymphocyte Ratio as a Predictor of Cerebral Small-Vessel Disease. <i>Medical Science Monitor</i> , 2022, 28, e935516.	0.5	5
2674	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
2675	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
2676	Genetic characteristic and clinical features of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL). <i>Russian Neurological Journal</i> , 2022, 27, 32-42.	0.1	1
2677	Inflammatory biomarkers and cerebral small vessel disease: a community-based cohort study. <i>Stroke and Vascular Neurology</i> , 2022, 7, 302-309.	1.5	24
2678	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
2679	Intravoxel Incoherent Motion Magnetic Resonance Imaging Used in Preoperative Screening of High-Risk Patients With Moyamoya Disease Who May Develop Postoperative Cerebral Hyperperfusion Syndrome. <i>Frontiers in Neuroscience</i> , 2022, 16, 826021.	1.4	2
2680	Automatic quantification of perivascular spaces in T2-weighted images at 7 T MRI. <i>Cerebral Circulation - Cognition and Behavior</i> , 2022, 3, 100142.	0.4	6
2681	New Insights Into Cerebrovascular Pathophysiology and Hypertension. <i>Stroke</i> , 2022, 53, 1054-1064.	1.0	39



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2682	Prevalence, risk factors, and long-term outcomes of cerebral ischemia in hospitalized COVID-19 patients – study rationale and protocol of the CORONIS study: A multicentre prospective cohort study. <i>European Stroke Journal</i> , 0, , 239698732210925.	2.7	2
2683	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
2684	Prevalence and characterization of cerebral small vessel disease in young adults with intracerebral hemorrhage. <i>International Journal of Stroke</i> , 2023, 18, 102-108.	2.9	2
2685	Frailty Is Associated With Cognitive Decline Independent of Cerebral Small Vessel Disease and Brain Atrophy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1819-1826.	1.7	7
2686	Clinical Prediction Model for Screening Acute Ischemic Stroke Patients With More Than 10 Cerebral Microbleeds. <i>Frontiers in Neurology</i> , 2022, 13, 833952.	1.1	2
2687	Association between Changes in White Matter Microstructure and Cognitive Impairment in White Matter Lesions. <i>Brain Sciences</i> , 2022, 12, 482.	1.1	3
2688	Characterization of cerebral small vessel disease by neutrophil and platelet activation markers using artificial intelligence. <i>Journal of Neuroimmunology</i> , 2022, 367, 577863.	1.1	6
2689	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
2690	Coexistent cerebral small vessel disease and multiple infarctions predict recurrent stroke. <i>Neurological Sciences</i> , 2022, 43, 4863-4874.	0.9	5
2691	Association of Apolipoprotein E $\epsilon$ 4 Allele with Enlarged Perivascular Spaces. <i>Annals of Neurology</i> , 2022, 92, 23-31.	2.8	4
2692	Blood Pressure and Vascular Cognitive Impairment. <i>Stroke</i> , 2022, 53, 1104-1113.	1.0	15
2693	Longitudinal Progression of Magnetic Resonance Imaging Markers and Cognition in Dutch-Type Hereditary Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2022, 53, 2006-2015.	1.0	6
2694	Histopathology of Cerebral Microinfarcts and Microbleeds in Spontaneous Intracerebral Hemorrhage. <i>Translational Stroke Research</i> , 2023, 14, 174-184.	2.3	6
2695	Small vessel disease and collaterals in ischemic stroke patients treated with thrombectomy. <i>Journal of Neurology</i> , 2022, 269, 4708-4716.	1.8	6
2696	Diagnostic accuracy of major stroke types in Chinese adults: A clinical adjudication study involving 40,000 stroke cases. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 21, 100415.	1.3	7
2697	Neuroimaging investigation of the intracranial vasculature is warranted in older adults with lacunes of presumed vascular origin. <i>Neuroradiology Journal</i> , 2022, , 197140092210831.	0.6	1
2698	Equalization of Brain State Occupancy Accompanies Cognitive Impairment in Cerebral Small Vessel Disease. <i>Biological Psychiatry</i> , 2022, 92, 592-602.	0.7	7
2699	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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2700	Demographic, clinical and neuroimaging markers of post-stroke emotionalism: A preliminary investigation. <i>Journal of the Neurological Sciences</i> , 2022, 436, 120229.	0.3	1
2701	Association of Carotid Intima-Media Thickness with Brain MRI Markers in the Atherosclerosis Risk in Communities Neurocognitive Study (ARIC-NCS). <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106388.	0.7	6
2702	Predictive Value of Total Small-Vessel Disease Score for Recurrent Stroke in Patients Undergoing Maintenance Hemodialysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106400.	0.7	4
2703	Associations between carotid atherosclerotic plaque characteristics determined by magnetic resonance imaging and improvement of cognition in patients undergoing carotid endarterectomy. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 2891-2903.	1.1	7
2704	Connectomic-genetic signatures in the cerebral small vessel disease. <i>Neurobiology of Disease</i> , 2022, 167, 105671.	2.1	1
2705	Glucose-lowering drugs, cognition, and dementia: The clinical evidence. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 137, 104654.	2.9	7
2706	Neural networks in the predictive diagnosis of cognitive impairment in type 1 and type 2 diabetes mellitus. <i>Terapevticheskii Arkhiv</i> , 2021, 93, 1349-1358.	0.2	0
2707	Preliminary Findings on Visual Event-Related Potential P3 in Asymptomatic Patients with Cerebral Small Vessel Disease. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 3379-3394.	1.0	1
2708	Pathogenetic mechanisms of ischemic stroke: from verification to secondary prevention. <i>Consilium Medicum</i> , 2021, 23, 792-799.	0.1	5
2709	Selective Impairment of Processing Task-Irrelevant Emotional Faces in Cerebral Small Vessel Disease Patients. <i>Neuropsychiatric Disease and Treatment</i> , 2021, Volume 17, 3693-3703.	1.0	4
2711	Cognitive impairment in two subtypes of a single subcortical infarction. <i>Chinese Medical Journal</i> , 2021, 134, 2992-2998.	0.9	3
2712	Performance of three freely available methods for extracting white matter hyperintensities: <scp>FreeSurfer</scp>, <scp>UBO</scp> Detector, and <scp>BIANCA</scp>. <i>Human Brain Mapping</i> , 2022, 43, 1481-1500.	1.9	10
2713	Correlation Between Retinal Microvascular Abnormalities and Total Magnetic Resonance Imaging Burden of Cerebral Small Vessel Disease in Patients With Type 2 Diabetes. <i>Frontiers in Neuroscience</i> , 2021, 15, 727998.	1.4	6
2714	Associations of Serum Magnesium with Brain Morphology and Subclinical Cerebrovascular Disease: The Atherosclerosis Risk in Communities-Neurocognitive Study. <i>Nutrients</i> , 2021, 13, 4496.	1.7	4
2715	Vascular Brain Disease in Geriatric Neuropsychiatry. , 0, , .		0
2716	Impaired dynamic cerebral autoregulation is associated with the severity of neuroimaging features of cerebral small vessel disease. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 298-306.	1.9	16
2717	Cerebral small vessel disease, cardiovascular risk factors, and future walking speed in old age: a population-based cohort study. <i>BMC Neurology</i> , 2021, 21, 496.	0.8	3
2720	Association of total cerebral small vessel disease burden with the cavitation of recent small subcortical infarcts. <i>Acta Radiologica</i> , 2023, 64, 295-300.	0.5	3

#	ARTICLE	IF	CITATIONS
2721	Latent profile analysis of cognitive decline and depressive symptoms after intracerebral hemorrhage. <i>BMC Neurology</i> , 2021, 21, 481.	0.8	6
2723	Cerebral Microbleeds and Acute Hematoma Characteristics in the ATACH-2 and MISTIE III Trials. <i>Neurology</i> , 2022, 98, e1013-e1020.	1.5	5
2724	Vascular Cognitive Impairment (VCI). <i>Neurotherapeutics</i> , 2022, 19, 68-88.	2.1	67
2725	Distinctive Mediating Effects of Subcortical Structure Changes on the Relationships Between Amyloid or Vascular Changes and Cognitive Decline. <i>Frontiers in Neurology</i> , 2021, 12, 762251.	1.1	0
2726	Systematic validation of structural brain networks in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1020-1032.	2.4	9
2727	Heterogeneity of White Matter Hyperintensities in Cognitively Impaired Patients With Cerebral Small Vessel Disease. <i>Frontiers in Immunology</i> , 2021, 12, 803504.	2.2	13
2729	Brain white matter hyperintensities-predicted age reflects neurovascular health in middle-to-old aged subjects. <i>Age and Ageing</i> , 2022, 51, .	0.7	4
2730	Arterial stiffness, pulsatile hemodynamics, and the vascular contributions to dementia. , 2022, , 649-663.		0
2731	Arterial stiffness and atherosclerosis: mechanistic and pathophysiologic interactions. , 2022, , 609-620.		1
2732	White matter hyperintensities and longitudinal cognitive decline in cognitively normal populations and across diagnostic categories: A meta-analysis, systematic review, and recommendations for future study harmonization. <i>Alzheimer's and Dementia</i> , 2023, 19, 194-207.	0.4	22
2733	Microstructural Gray Matter Integrity Deteriorates After an Ischemic Stroke and Is Associated with Processing Speed. <i>Translational Stroke Research</i> , 2023, 14, 185-192.	2.3	2
2734	APOE4 and Confluent White Matter Hyperintensities Have a Synergistic Effect on Episodic Memory Impairment in Prodromal Dementia. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 1103-1114.	1.2	5
2735	Retinal biomarkers of Cerebral Small Vessel Disease: A systematic review. <i>PLoS ONE</i> , 2022, 17, e0266974.	1.1	8
2736	Advances in the Role of Endothelial Cells in Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 2022, 13, 861714.	1.1	14
2737	Small and Large Magnetic Resonance Imaging-Visible Perivascular Spaces in the Basal Ganglia of Parkinson's Disease Patients. <i>Movement Disorders</i> , 2022, 37, 1304-1309.	2.2	11
2738	Post-Stroke Cognitive Impairment and Dementia. <i>Circulation Research</i> , 2022, 130, 1252-1271.	2.0	188
2739	Relationships Between Memory Impairments and Hippocampal Structure in Patients With Subcortical Ischemic Vascular Disease. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 823535.	1.7	3
2740	Influence of Pre-Existing Cerebral Small Vessel Disease on the Outcome of Acute Cardioembolic Stroke: A Retrospective Study. <i>Neuropsychiatric Disease and Treatment</i> , 2022, Volume 18, 899-905.	1.0	0

#	ARTICLE	IF	CITATIONS
2741	The spectrum and systemic associations of microvascular dysfunction in the heart and other organs. , 2022, 1, 298-311.		3
2742	Total Cerebral Small Vessel Disease Score and Cerebral Bleeding Risk in Patients With Acute Stroke Treated With Intravenous Thrombolysis. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 790262.	1.7	3
2743	Cerebral small vessel disease and prognosis in intracerebral haemorrhage: A systematic review and meta-analysis of cohort studies. <i>European Journal of Neurology</i> , 2022, 29, 2511-2525.	1.7	9
2745	Intellectual Structure and Emerging Trends of White Matter Hyperintensity Studies: A Bibliometric Analysis From 2012 to 2021. <i>Frontiers in Neuroscience</i> , 2022, 16, 866312.	1.4	1
2746	Perforating artery flow velocity and pulsatility in patients with carotid occlusive disease. A 7 tesla MRI study. <i>Cerebral Circulation - Cognition and Behavior</i> , 2022, 3, 100143.	0.4	2
2747	Associations of white matter hyperintensities with networks of gray matter blood flow and volume in midlife adults: A coronary artery risk development in young adults magnetic resonance imaging substudy. <i>Human Brain Mapping</i> , 2022, 43, 3680-3693.	1.9	5
2748	Cerebral small vessel disease is associated with concurrent physical and cognitive impairments at preclinical stage. <i>Cerebral Circulation - Cognition and Behavior</i> , 2022, 3, 100144.	0.4	2
2749	Clinical and Imaging Determinants of Neurocognitive Disorders in Post-Acute COVID-19 Patients with Cognitive Complaints. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 1239-1250.	1.2	14
2750	Periventricular gradient of T1 tissue alterations in multiple sclerosis. <i>NeuroImage: Clinical</i> , 2022, 34, 103009.	1.4	9
2751	Prevalence of clinical manifestations and neuroimaging features in cerebral small vessel disease. <i>Clinical Neurology and Neurosurgery</i> , 2022, 217, 107244.	0.6	3
2752	Decreased Nighttime Heart Rate Variability and Progression of White Matter Hyperintensities of Presumed Vascular Origin. A Prospective Study in Community-Dwelling Older Adults. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106479.	0.7	2
2799	Beyond collaterals: brain frailty additionally improves prediction of clinical outcome in acute ischemic stroke. <i>European Radiology</i> , 2022, 32, 6943-6952.	2.3	6
2800	APOE $\epsilon$ 4 and late-life cognition: mediation by structural brain imaging markers. <i>European Journal of Epidemiology</i> , 2022, 37, 591-601.	2.5	6
2801	Imaging subtle leaks in the blood-brain barrier in the aging human brain: potential pitfalls, challenges, and possible solutions. <i>GeroScience</i> , 2022, 44, 1339-1351.	2.1	17
2802	Rationale and design for the detection and neurological impact of cerebrovascular events in non-cardiac surgery patients cohort evaluation (NeuroVISION) study: a prospective international cohort study. <i>BMJ Open</i> , 2018, 8, e021521.	0.8	10
2803	Associations of Peripheral Neuropathy Defined by Monofilament Insensitivity with Mild Cognitive Impairment and Dementia in Older Adults. <i>Dementia and Geriatric Cognitive Disorders</i> , 2022, 51, 150-158.	0.7	4
2804	Plasma Total Homocysteine Level Is Related to Unfavorable Outcomes in Ischemic Stroke With Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2022, 11, e022138.	1.6	3
2805	Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy Family Members With a Pathogenic <i>NOTCH3</i> Variant Can Have a Normal Brain Magnetic Resonance Imaging and Skin Biopsy Beyond Age 50 Years. <i>Stroke</i> , 2022, 53, 1964-1974.	1.0	9

#	ARTICLE	IF	CITATIONS
2808	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
2809	Analysis of Gait Disorders Associated with Cerebral Small Vessel Disease. <i>Advances in Clinical Medicine</i> , 2022, 12, 3493-3499.	0.0	0
2810	Contribution of white matter hyperintensities to ventricular enlargement in older adults. <i>NeuroImage: Clinical</i> , 2022, 34, 103019.	1.4	4
2812	Omni-Supervised Domain Adversarial Training for White Matter Hyperintensity Segmentation in the UK Biobank. , 2022, , .		1
2813	Common Shared Pathogenic Aspects of Small Vessels in Heart and Brain Disease. <i>Biomedicines</i> , 2022, 10, 1009.	1.4	5
2814	The Epidermal Growth Factor Domain of the Mutation Does Not Appear to Influence Disease Progression in CADASIL When Brain Volume and Sex Are Taken into Account. <i>American Journal of Neuroradiology</i> , 2022, , .	1.2	1
2815	Vascular Health Is Associated With Functional Connectivity Decline in Higher-Order Networks of Older Adults. <i>Frontiers in Integrative Neuroscience</i> , 2022, 16, 847824.	1.0	0
2816	Small vessel disease burden may not portend unfavorable outcome after thrombectomy for acute large vessel occlusion. <i>European Radiology</i> , 2022, 32, 7824-7832.	2.3	6
2817	7T MRI for Intracranial Vessel Wall Lesions and Its Associated Neurological Disorders: A Systematic Review. <i>Brain Sciences</i> , 2022, 12, 528.	1.1	0
2818	Early-Stage MRI Volumetric Differences in White Matter Hyperintensity and Temporal Lobe Volumes between Autopsy-Confirmed Alzheimer's Disease, Cerebral Small Vessel Disease, and Mixed Pathologies. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2022, 12, 69-75.	0.6	3
2819	Association of Excessive Daytime Sleepiness with Cerebral Small Vessel Disease in Community-Dwelling Older Adults. <i>Nature and Science of Sleep</i> , 2022, Volume 14, 765-773.	1.4	4
2820	Acute Cerebral Microinfarcts in Acute Ischemic Stroke: Imaging and Clinical Significance. <i>Cerebrovascular Diseases</i> , 2022, 51, 755-763.	0.8	3
2821	Risk Factors for Silent Brain Infarcts and White Matter Disease in a Real-World Cohort Identified by Natural Language Processing. <i>Mayo Clinic Proceedings</i> , 2022, 97, 1114-1122.	1.4	2
2822	Can hyperuricemia predict the progression risk of cerebral small vessel disease?. <i>Neurological Research</i> , 2022, 44, 910-917.	0.6	3
2823	Fundus Changes Evaluated by OCTA in Patients With Cerebral Small Vessel Disease and Their Correlations: A Cross-Sectional Study. <i>Frontiers in Neurology</i> , 2022, 13, 843198.	1.1	4
2824	Corpus callosum lesions are associated with worse cognitive performance in cerebral amyloid angiopathy. <i>Brain Communications</i> , 2022, 4, .	1.5	7
2825	2021 Taiwan Stroke Society Guidelines of blood pressure control for ischemic stroke prevention. <i>Journal of the Chinese Medical Association</i> , 2022, 85, 651-664.	0.6	6
2826	Association of inflammatory markers with cerebral small vessel disease in community-based population. <i>Journal of Neuroinflammation</i> , 2022, 19, 106.	3.1	29

#	ARTICLE	IF	CITATIONS
2827	Daily blood pressure profile and blood-brain barrier permeability in patients with cerebral small vessel disease. <i>Scientific Reports</i> , 2022, 12, 7723.	1.6	6
2828	Infarct location and cognitive change in patients after acute ischemic stroke: The ICONS study. <i>Journal of the Neurological Sciences</i> , 2022, 438, 120276.	0.3	5
2829	Systemic immune-inflammation index is associated with white matter hyperintensity volume. <i>Scientific Reports</i> , 2022, 12, 7379.	1.6	11
2830	Determinants and Temporal Dynamics of Cerebral Small Vessel Disease: 14-Year Follow-Up. <i>Stroke</i> , 2022, 53, 2789-2798.	1.0	17
2831	High Social Risk Influence Progression of White Matter Hyperintensities of Presumed Vascular Origin: A Prospective Study in Community-Dwelling Older Adults. <i>Stroke</i> , 2022, 53, 2577-2584.	1.0	6
2832	Can CHA2DS2-VASc and HAS-BLED Foresee the Presence of Cerebral Microbleeds, Lacunar and Non-Lacunar Infarcts in Elderly Patients With Atrial Fibrillation? Data From the STRAT-AF Study. <i>Frontiers in Neurology</i> , 2022, 13, .	1.1	1
2833	Higher Dietary Inflammatory Index scores are associated with brain MRI markers of brain aging: Results from the Framingham Heart Study Offspring cohort*. <i>Alzheimer's and Dementia</i> , 2023, 19, 621-631.	0.4	9
2834	Association between cerebral microbleeds and inflammatory biomarkers in patients with ischemic stroke. <i>Egyptian Journal of Neurology, Psychiatry and Neurosurgery</i> , 2022, 58, .	0.4	1
2835	Left Atrial Remodeling and Stroke in Patients With Sinus Rhythm and Normal Ejection Fraction: ARIC-ACS. <i>Journal of the American Heart Association</i> , 2022, 11, e024292.	1.6	4
2836	LLRHNet: Multiple Lesions Segmentation Using Local-Long Range Features. <i>Frontiers in Neuroinformatics</i> , 2022, 16, .	1.3	5
2838	The Cognitive Sequelae of Transient Ischemic Attacks—Recent Insights and Future Directions. <i>Journal of Clinical Medicine</i> , 2022, 11, 2637.	1.0	5
2839	Silent Infarcts, White Matter Integrity, and Oxygen Metabolic Stress in Young Adults With and Without Sickle Cell Trait. <i>Stroke</i> , 2022, 53, 2887-2895.	1.0	5
2840	Understanding brain function in vascular cognitive impairment and dementia with EEG and MEG: A systematic review. <i>NeuroImage: Clinical</i> , 2022, 35, 103040.	1.4	10
2841	Higher Cerebral Small Vessel Disease Burden in Patients With Small Intracerebral Hemorrhage. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	1
2842	Cross-sectional associations between cortical thickness and independent gait domains in older adults. <i>Journal of the American Geriatrics Society</i> , 2022, 70, 2610-2620.	1.3	1
2843	Longitudinal MRI-visible perivascular space (PVS) changes with long-duration spaceflight. <i>Scientific Reports</i> , 2022, 12, 7238.	1.6	17
2844	Perivascular Spaces, Glymphatic System and MR. <i>Frontiers in Neurology</i> , 2022, 13, 844938.	1.1	24
2845	Unsupervised brain imaging 3D anomaly detection and segmentation with transformers. <i>Medical Image Analysis</i> , 2022, 79, 102475.	7.0	59

#	ARTICLE	IF	CITATIONS
2846	Fluid-attenuated inversion recovery magnetic resonance imaging textural features as sensitive markers of white matter damage in midlife adults. <i>Brain Communications</i> , 0, , .	1.5	4
2847	Sex-Specific Causes and Consequences of White Matter Damage in a Middle-Aged Cohort. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, .	1.7	6
2848	Post-stroke White Matter Hyperintensities and Physical Activity: A CANVAS Study Exploratory Analysis. <i>Medicine and Science in Sports and Exercise</i> , 2022, Publish Ahead of Print, .	0.2	3
2849	Cerebral small vessel disease alters neurovascular unit regulation of microcirculation integrity involved in vascular cognitive impairment. <i>Neurobiology of Disease</i> , 2022, 170, 105750.	2.1	24
2850	Cerebral microangiopathy according to magnetic resonance imaging of the brain in patients undergoing longterm programmed hemodialysis. <i>Russian Neurological Journal</i> , 2022, 27, 43-52.	0.1	0
2851	Atrial cardiomyopathy in patients with ischaemic stroke: a cross-sectional and prospective cohort study—the COAST study. <i>BMJ Open</i> , 2022, 12, e061018.	0.8	2
2852	Cerebellar atrophy and its implications on gait in cerebral amyloid angiopathy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 802-807.	0.9	3
2853	Day to Day Blood Pressure Variability Associated With Cerebral Arterial Dilatation and White Matter Hyperintensity. <i>Hypertension</i> , 2022, 79, 1455-1465.	1.3	10
2854	Post-mortem correlates of Virchow-Robin spaces detected on <i>in vivo</i> MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1224-1235.	2.4	4
2855	Small Fiber Pathology in CADASIL. <i>Neurology</i> , 2022, 99, .	1.5	1
2856	Pattern and Severity of Leukoaraiosis and Microvascular Resistance- Inputs from a TCD Study from South Asia. <i>Neurology India</i> , 2022, 70, 699.	0.2	0
2857	Microvascular Impairment in Patients With Cerebral Small Vessel Disease Assessed With Arterial Spin Labeling Magnetic Resonance Imaging: A Pilot Study. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, .	1.7	5
2858	The Underlying Role of the Glymphatic System and Meningeal Lymphatic Vessels in Cerebral Small Vessel Disease. <i>Biomolecules</i> , 2022, 12, 748.	1.8	20
2859	Preventing post-stroke dementia. The MARCH Trial. Protocol and statistical analysis plan of a randomized clinical trial testing the safety and efficacy of Maraviroc in post-stroke cognitive impairment. <i>European Stroke Journal</i> , 2022, 7, 314-322.	2.7	2
2860	Imaging perivascular space structure and function using brain MRI. <i>NeuroImage</i> , 2022, 257, 119329.	2.1	29
2862	Association between Cerebral Small Vessel and Alzheimer's Disease. <i>Journal of the Korean Society of Radiology</i> , 2022, 83, 486.	0.1	0
2863	An Enlarged Perivascular Space: Clinical Relevance and the Role of Imaging in Aging and Neurologic Disorders. <i>Journal of the Korean Society of Radiology</i> , 2022, 83, 538.	0.1	3
2864	Brain Iron Imaging in Aging and Cognitive Disorders: MRI Approaches. <i>Journal of the Korean Society of Radiology</i> , 2022, 83, 527.	0.1	0



#	ARTICLE	IF	CITATIONS
2865	Differential diagnosis of vascular cognitive impairment. <i>Consilium Medicum</i> , 2022, 24, 85-89.	0.1	0
2866	Increased Neurofilament Light Chain Is Associated with Increased Risk of Long-Term Mortality in Cerebral Small Vessel Disease. <i>Journal of Stroke</i> , 2022, 24, 296-299.	1.4	2
2867	Loss of the heterogeneous expression of flippase ATP11B leads to cerebral small vessel disease in a normotensive rat model. <i>Acta Neuropathologica</i> , 2022, 144, 283-303.	3.9	7
2868	Editorial for "Significance of Cerebral Small Vessel Disease on Perihematomal Edema Progress in Patients With Hypertensive Intracerebral Hemorrhage". <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 225-226.	1.9	0
2869	Cerebrovascular reactivity and deep white matter hyperintensities in migraine: A prospective CO <sub>2</sub> targeting study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1879-1889.	2.4	3
2870	Medial Temporal Atrophy Contributes to Cognitive Impairment in Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	4
2871	Prevalence and Predictors of Vascular Cognitive Impairment in Patients With CADASIL. <i>Neurology</i> , 2022, 99, .	1.5	13
2872	Reduced macular vessel density and inner retinal thickness correlate with the severity of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL). <i>PLoS ONE</i> , 2022, 17, e0268572.	1.1	6
2873	Association of Vascular Properties With the Brain White Matter Hyperintensity in Middle-Aged Population. <i>Journal of the American Heart Association</i> , 2022, 11, .	1.6	5
2874	The Hyperintense study: Assessing the effects of induced blood pressure increase and decrease on MRI markers of cerebral small vessel disease: Study rationale and protocol. <i>European Stroke Journal</i> , 2022, 7, 331-338.	2.7	2
2875	MINocyclinE to Reduce inflammation and blood brain barrier leakage in small Vessel disease (MINERVA) trial study protocol. <i>European Stroke Journal</i> , 2022, 7, 323-330.	2.7	7
2876	Mesenchymal Stem Cells Improve Cognitive Impairment and Reduce A $\beta$ <sup>2</sup> Deposition via Promoting AQP4 Polarity and Relieving Neuroinflammation in Rats With Chronic Hypertension-Induced Cerebral Small-Vessel Disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	4
2877	Brain imaging abnormalities in mixed Alzheimer's and subcortical vascular dementia. <i>Canadian Journal of Neurological Sciences</i> , 0, , 1-36.	0.3	0
2878	Dietary oily fish intake and progression of diffuse subcortical damage of vascular origin: A longitudinal prospective study in community-dwelling older adults. <i>European Stroke Journal</i> , 2022, 7, 299-304.	2.7	3
2879	Prevalence and Significance of the Vessel-Cluster Sign on Susceptibility-Weighted Imaging in Patients With Severe Small Vessel Disease. <i>Neurology</i> , 2022, 99, .	1.5	11
2880	Characterizing CD38 Expression and Enzymatic Activity in the Brain of Spontaneously Hypertensive Stroke-Prone Rats. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4
2881	Long Term Cognitive Function After Cardiac Arrest: A Mini-Review. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	5
2882	Structural retinal changes in cerebral small vessel disease. <i>Scientific Reports</i> , 2022, 12, .	1.6	7



#	ARTICLE	IF	CITATIONS
2883	Neuroimaging in small vessel disease. <i>Hipertension Y Riesgo Vascular</i> , 2023, 40, 25-33.	0.3	3
2884	Association Between Large Numbers of Enlarged Perivascular Spaces in Basal Ganglia and Motor Performance in Elderly Individuals: A Cross-Sectional Study. <i>Clinical Interventions in Aging</i> , 0, Volume 17, 903-913.	1.3	4
2885	Research Progress of Iron Metabolism and Cerebral Small Vascular Disease. <i>Advances in Clinical Medicine</i> , 2022, 12, 5094-5101.	0.0	0
2886	Clinical Implications of Focal Mineral Deposition in the Globus Pallidus on CT and Quantitative Susceptibility Mapping of MRI. <i>Korean Journal of Radiology</i> , 2022, 23, 742.	1.5	4
2887	Correlation between Imaging Total Load and Plasma Biomarkers in Patients with Small Vascular Disease. <i>Advances in Clinical Medicine</i> , 2022, 12, 5294-5298.	0.0	0
2888	Cognitive Functional Impairment and Hemodynamic Changes in Patients with Symptomatic Leukoaraiosis. <i>Journal of Behavioral and Brain Science</i> , 2022, 12, 271-286.	0.2	0
2889	Neurocognitive Disorders. , 2022, , .		0
2890	Periodic Limb Movements during Sleep and the Clinical-Morphological Signs of Cerebral Microangiopathy. <i>Neuroscience and Behavioral Physiology</i> , 2022, 52, 326-329.	0.2	0
2891	Microinfarcts in the Deep Gray Matter on 7T MRI: Risk Factors, MRI Correlates, and Relation to Cognitive Functioningâ€”The SMART-MR Study. <i>American Journal of Neuroradiology</i> , 2022, 43, 829-836.	1.2	1
2892	Statin Usage Increases White Matter Hyperintensities. <i>Neurologist</i> , 2023, 28, 94-98.	0.4	2
2894	Enlarged Perivascular Spaces in the Basal Ganglia Independently Related to Gait Disturbances in Older People With Cerebral Small Vessel Diseases. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	2
2895	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
2896	Study on the Interaction between the Characteristics of Retinal Microangiopathy and Risk Factors for Cerebral Small Vessel Disease. <i>Contrast Media and Molecular Imaging</i> , 2022, 2022, 1-12.	0.4	3
2897	Vascular Lesions and Brain Atrophy in Alzheimerâ€™s, Vascular and Mixed Dementia: An Optimized 3T MRI Protocol Reveals Distinctive Radiological Profiles. <i>Current Alzheimer Research</i> , 2022, 19, 449-457.	0.7	3
2898	Association of Arterial Spin Labeling Parameters With Cognitive Decline, Vascular Events, and Mortality in a Memory-Clinic Sample. <i>American Journal of Geriatric Psychiatry</i> , 2022, 30, 1298-1309.	0.6	2
2899	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
2900	Cerebral microbleeds is associated with dementia in Parkinsonâ€™s disease. <i>Acta Neurologica Belgica</i> , 2023, 123, 407-413.	0.5	1
2901	Glymphatic dysfunction correlates with severity of small vessel disease and cognitive impairment in cerebral amyloid angiopathy. <i>European Journal of Neurology</i> , 2022, 29, 2895-2904.	1.7	16

#	ARTICLE	IF	CITATIONS
2902	Effect of Cerebral Small Vessel Disease Burden on Outcomes in Patients With Acute Ischemic Stroke Receiving Endovascular Treatment. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	2
2903	Diffusion-Weighted Lesions After Intracerebral Hemorrhage: Associated MRI Findings. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	0
2904	The Clustering Analysis of Time Properties in Patients With Cerebral Small Vessel Disease: A Dynamic Connectivity Study. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
2905	The Association Between Glymphatic System Dysfunction and Cognitive Impairment in Cerebral Small Vessel Disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	22
2906	A large, curated, open-source stroke neuroimaging dataset to improve lesion segmentation algorithms. <i>Scientific Data</i> , 2022, 9, .	2.4	33
2907	The Correlation Between White Matter Hyperintensity Burden and Regional Brain Volumetry in Patients With Alzheimer's Disease. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	2
2908	White Matter Tract Injury by <scp>MRI</scp> in <scp>CADASIL</scp> Patients is Associated With Iron Accumulation. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 238-245.	1.9	4
2909	Clinical, Radiological and Pathological Characteristics Between Cerebral Small Vessel Disease and Multiple Sclerosis: A Review. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	7
2910	Implication of Cerebral Smallâ€Vessel Disease on Perihematomal Edema Progress in Patients With Hypertensive Intracerebral Hemorrhage. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 216-224.	1.9	2
2911	Cerebral small vessel disease and intracranial bleeding risk: Prognostic and practical significance. <i>International Journal of Stroke</i> , 2023, 18, 44-52.	2.9	5
2912	Systematic Review of Cerebral Phenotypes Associated With Monogenic Cerebral Smallâ€Vessel Disease. <i>Journal of the American Heart Association</i> , 2022, 11, .	1.6	10
2913	Topologic Efficiency Abnormalities of the Connectome in Asymptomatic Patients with Leukoaraiosis. <i>Brain Sciences</i> , 2022, 12, 784.	1.1	0
2914	Association Between Cerebral Microbleeds and Circulating Levels of Mid-Regional Pro-Adrenomedullin. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-11.	1.2	1
2915	Evidence of beta amyloid independent small vessel disease in familial Alzheimer's disease. <i>Brain Pathology</i> , 0, , .	2.1	4
2916	Strokelore: Therapeutic Relevance of Lacunar Infarcts. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106594.	0.7	1
2917	Frailty and dementia risks in asymptomatic cerebral small vessel disease: A longitudinal cohort study. <i>Archives of Gerontology and Geriatrics</i> , 2022, 102, 104754.	1.4	5
2918	Cerebral disease of small vessels: morphological, neuropsychological and neurovisualization comparisons. <i>Radiation Diagnostics Radiation Therapy</i> , 2022, , 35-60.	0.2	1
2919	White matter hyperintensities are a prominent feature of autosomalâ€Vdominant Alzheimerâ€™s disease that emerge prior to dementia. <i>Alzheimer's Research and Therapy</i> , 2022, 14, .	3.0	12

#	ARTICLE	IF	CITATIONS
2920	Altered Functional Network Connectivity of Precuneus and Executive Control Networks in Type 2 Diabetes Mellitus Without Cognitive Impairment. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
2921	Excessive Visit-to-Visit Small and Dense Low-Density Lipoproteins Elevate Cerebral Small Vessel Disease Progression Risk in the Elderly. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	0
2922	Relation Between Sex, Menopause, and White Matter Hyperintensities. <i>Neurology</i> , 2022, 99, .	1.5	31
2923	Magnetic Resonance Imaging Studies of Neurodegenerative Disease: From Methods to Translational Research. <i>Neuroscience Bulletin</i> , 2023, 39, 99-112.	1.5	4
2924	Morphology and pathogenesis of white matter changes in chronic cerebrovascular disease. <i>Annals of Clinical and Experimental Neurology</i> , 2022, 16, 78-88.	0.1	3
2925	Relations of impaired blood flow and cerebrospinal fluid flow with damage of strategic for cognitive impairment brain regions in cerebral small vessel disease. <i>Annals of Clinical and Experimental Neurology</i> , 2022, 16, 25-35.	0.1	2
2926	Association between gait features assessed by artificial intelligent system and cognitive function decline in patients with silent cerebrovascular disease: study protocol of a multicenter prospective cohort study (ACCURATE-2). <i>BMC Neurology</i> , 2022, 22, .	0.8	0
2927	A Review of Traditional Chinese Medicine, Buyang Huanwu Decoction for the Treatment of Cerebral Small Vessel Disease. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	4
2928	Genotype-Phenotype Correlation and Functional Insights for Two Monoallelic TREX1 Missense Variants Affecting the Catalytic Core. <i>Genes</i> , 2022, 13, 1179.	1.0	2
2929	Characterization of perivascular space pathology in a rat model of cerebral small vessel disease by <i>in vivo</i> magnetic resonance imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 1813-1826.	2.4	8
2930	Quantification of Silent Cerebral Infarction on High-Resolution FLAIR and Cognition in Sickle Cell Anemia. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	6
2931	Changes in the Brain Metabolism Associated with Central Post-Stroke Pain in Hemorrhagic Pontine Stroke: An 18F-FDG-PET Study of the Brain. <i>Brain Sciences</i> , 2022, 12, 837.	1.1	0
2932	Aging, prevalence and risk factors of MRI-visible enlarged perivascular spaces. <i>Aging</i> , 2022, 14, 6844-6858.	1.4	12
2933	Reduced cerebral vascular fractal dimension among asymptomatic individuals as a potential biomarker for cerebral small vessel disease. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
2934	Comparison of clinical and neuroimaging features between <i>NOTCH3</i> mutations and nongenetic spontaneous intracerebral haemorrhage. <i>European Journal of Neurology</i> , 2022, 29, 3243-3254.	1.7	4
2935	Association of Stroke Lesion Pattern and White Matter Hyperintensity Burden With Stroke Severity and Outcome. <i>Neurology</i> , 2022, 99, .	1.5	12
2936	Enlarged Perivascular Spaces Are Negatively Associated With Montreal Cognitive Assessment Scores in Older Adults. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	7
2937	Moderate-Severe White Matter Lesion Predicts Delayed Intraventricular Hemorrhage in Intracerebral Hemorrhage. <i>Neurocritical Care</i> , 0, , .	1.2	0

#	ARTICLE	IF	CITATIONS
2938	Subclinical Magnetic Resonance Imaging Markers of Cerebral Small Vessel Disease in Relation to Office and Ambulatory Blood Pressure Measurements. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
2939	Research Progress on MRI for White Matter Hyperintensity of Presumed Vascular Origin and Cognitive Impairment. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	9
2940	Structural brain network measures in elderly patients with cerebral small vessel disease and depressive symptoms. <i>BMC Geriatrics</i> , 2022, 22, .	1.1	10
2941	Association of Cerebral Small Vessel Disease With Gait and Balance Disorders. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	12
2942	Antithrombotic therapy to prevent cognitive decline in people with small vessel disease on neuroimaging but without dementia. <i>The Cochrane Library</i> , 2022, 2022, .	1.5	5
2943	Topography and etiologies of cerebellar infarcts presenting as isolated acute vestibular syndrome. <i>Neurological Sciences</i> , 0, , .	0.9	0
2944	Effect of <i>NOTCH3</i> EGFr Group, Sex, and Cardiovascular Risk Factors on CADASIL Clinical and Neuroimaging Outcomes. <i>Stroke</i> , 2022, 53, 3133-3144.	1.0	8
2945	Cerebral small vessel disease mediates the association between homocysteine and cognitive function. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	5
2946	Superficial white matter microstructure affects processing speed in cerebral small vessel disease. <i>Human Brain Mapping</i> , 2022, 43, 5310-5325.	1.9	3
2947	Clinical neuroimaging in intracerebral haemorrhage related to cerebral small vessel disease: contemporary practice and emerging concepts. <i>Expert Review of Neurotherapeutics</i> , 2022, 22, 579-594.	1.4	2
2948	Cerebral Small Vessel Disease is Associated with Mild Cognitive Impairment in Type 2 Diabetes Mellitus. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 0, Volume 15, 1985-1994.	1.1	6
2949	Combined Score of Perivascular Space Dilatation and White Matter Hyperintensities in Patients with Normal Cognition, Mild Cognitive Impairment, and Dementia. <i>Medicina (Lithuania)</i> , 2022, 58, 887.	0.8	5
2950	Association of Serum Interleukin-8 and Serum Amyloid A With Anxiety Symptoms in Patients With Cerebral Small Vessel Disease. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	5
2951	Cerebral small vessel disease as imaging biomarker predicting ocular cranial nerve palsy of presumed ischemic origin at admission. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
2952	Neurological Complications and Clinical Outcomes of Infective Endocarditis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106626.	0.7	6
2953	Population-Based Prevalence of Infarctions on 3D Fluid-Attenuated Inversion Recovery (FLAIR) Imaging. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106583.	0.7	5
2954	The Boston criteria version 2.0 for cerebral amyloid angiopathy: a multicentre, retrospective, MRI-neuropathology diagnostic accuracy study. <i>Lancet Neurology</i> , The, 2022, 21, 714-725.	4.9	168
2955	Automatic segmentation of the brain stroke lesions from MR flair scans using improved U-net framework. <i>Biomedical Signal Processing and Control</i> , 2022, 78, 103978.	3.5	4

#	ARTICLE	IF	CITATIONS
2956	Identifying microstructural changes in diffusion MRI; How to circumvent parameter degeneracy. <i>NeuroImage</i> , 2022, 260, 119452.	2.1	1
2957	eICAB: A novel deep learning pipeline for Circle of Willis multiclass segmentation and analysis. <i>NeuroImage</i> , 2022, 260, 119425.	2.1	7
2958	Cerebral small vessel disease burden and cognitive and functional outcomes after stroke: A multicenter prospective cohort study. <i>Alzheimer's and Dementia</i> , 2023, 19, 1152-1163.	0.4	19
2960	Insulin Resistance and Cognitive Impairment: Evidence From Neuroimaging. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 1621-1649.	1.9	17
2961	Covert vascular brain injury in chronic kidney disease. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
2962	Myelin and Physical Activity in Older Adults With Cerebral Small Vessel Disease and Mild Cognitive Impairment. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2023, 78, 545-553.	1.7	7
2963	Myelin Content and Gait Impairment in Older Adults with Cerebral Small Vessel Disease and Mild Cognitive Impairment. <i>Neurobiology of Aging</i> , 2022, 119, 56-66.	1.5	4
2964	MRI-Visible Perivascular Spaces Associated With Cognitive Impairment in Military Veterans With Traumatic Brain Injury Mediated by CSF P-Tau. <i>Frontiers in Psychiatry</i> , 0, 13, .	1.3	5
2965	Construction of a Medical Micro-Object Cascade Network for Automated Segmentation of Cerebral Microbleeds in Susceptibility Weighted Imaging. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	2
2966	Differential associations of lipoprotein(a) level with cerebral large artery and small vessel diseases. <i>Stroke and Vascular Neurology</i> , 2022, 7, 534-540.	1.5	4
2967	Perivascular spaces visible on magnetic resonance imaging predict subsequent delirium in older patients. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	1
2968	Periventricular white matter hyperintensities are associated with gait and balance in patients with minor stroke. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
2969	Disentangling the effects of Alzheimer's and small vessel disease on white matter fibre tracts. <i>Brain</i> , 2023, 146, 678-689.	3.7	14
2970	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
2971	Silent brain infarcts, peripheral vascular disease and the risk of cardiovascular events in patients with hypertension. <i>Journal of Hypertension</i> , 2022, 40, 1469-1477.	0.3	1
2972	Association of Cerebral Small Vessel Disease Burden with Neuropsychiatric Symptoms in Non-Demented Elderly: A Longitudinal Study. <i>Journal of Alzheimer's Disease</i> , 2022, 89, 583-592.	1.2	2
2973	Analysis of the correlation between neuroimaging markers of the brain damage and the severity of postural instability in patients with chronic cerebrovascular insufficiency (NEMAN open) Tj ETQq0 0 0 rgBT /Overlook 10 Tf 50.97 Td (ob	1.0	1
2974	15q11.2 BP1-BP2 microdeletion presenting as progressive spastic paraplegia and brain images of small vessel disease. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2022, 27, 191-196.	0.5	0

#	ARTICLE	IF	CITATIONS
2975	Enlarged perivascular spaces and white matter hyperintensities in patients with frontotemporal lobar degeneration syndromes. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	2
2976	Cerebral small vessel disease and perihematomal edema formation in spontaneous intracerebral hemorrhage. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
2977	Associations Between Vascular Risk Factor and Perivascular Spaces in Adults with Intact Cognition, Mild Cognitive Impairment, and Dementia. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-12.	1.2	1
2978	Automated Methods for Detecting and Quantitation of Enlarged Perivascular spaces on <scp>MRI</scp>. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 11-24.	1.9	12
2979	Automatic segmentation of white matter hyperintensities in routine clinical brain MRI by 2D VB-Net: A large-scale study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	11
2980	Influence of heavy metals in Parkinson's disease: an overview. <i>Journal of Neurology</i> , 2022, 269, 5798-5811.	1.8	21
2981	5-Year Associations among Cerebral Arterial Pulsatility, Perivascular Space Dilation, and White Matter Lesions. <i>Annals of Neurology</i> , 2022, 92, 871-881.	2.8	12
2982	Triglyceride glucose index is associated with cerebral small vessel disease burden and cognitive impairment in elderly patients with type 2 diabetes mellitus. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	13
2983	Correlation between neutrophil/lymphocyte ratio and cognitive impairment in cerebral small vessel disease patients: A retrospective study. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	6
2984	Report of two pedigrees with heterozygous <i>HTRA1</i> variants related cerebral small vessel disease and literature review. <i>Molecular Genetics &amp; Genomic Medicine</i> , 0, , .	0.6	2
2985	Classification of white matter lesions and characteristics of small vessel disease markers. <i>European Radiology</i> , 2023, 33, 1143-1151.	2.3	2
2987	Framework for Clinical Trials in Cerebral Small Vessel Disease (FINESSE). <i>JAMA Neurology</i> , 2022, 79, 1187.	4.5	25
2989	The value of mobile magnetic resonance imaging in early warning for stroke: A prospective case-control study. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
2990	Clinical and neuroimaging risk factors associated with the development of intracerebral hemorrhage while taking direct oral anticoagulants. <i>Journal of Neurology</i> , 2022, 269, 6589-6596.	1.8	5
2991	Iron deposition in the precuneus is correlated with mild cognitive impairment in patients with cerebral microbleeds: A quantitative susceptibility mapping study. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
2992	Need for a Paradigm Shift in the Treatment of Ischemic Stroke: The Blood-Brain Barrier. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9486.	1.8	5
2993	Clinical features and imaging markers of small vessel disease in symptomatic acute subcortical cerebral microinfarcts. <i>BMC Neurology</i> , 2022, 22, .	0.8	7
2994	Association of the prefrailty with global brain atrophy and white matter lesions among cognitively unimpaired older adults: the Nakajima study. <i>Scientific Reports</i> , 2022, 12, .	1.6	3



#	ARTICLE	IF	CITATIONS
2995	Predictors of post-stroke cognitive impairment using acute structural MRI neuroimaging: A systematic review and meta-analysis. <i>International Journal of Stroke</i> , 2023, 18, 543-554.	2.9	6
2996	Associations of sleep apnea risk and oxygen desaturation indices with cerebral small vessel disease burden in patients with stroke. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	3
2997	Patterns of progression of cerebral small vessel disease markers in older adults of Amerindian ancestry: a population-based, longitudinal prospective cohort study. <i>Aging Clinical and Experimental Research</i> , 0, , .	1.4	3
2998	Improving detection of cerebral small vessel disease aetiology in patients with isolated lobar intracerebral haemorrhage. <i>Stroke and Vascular Neurology</i> , 2023, 8, 26-33.	1.5	3
2999	Diffusion tensor imaging pipeline measures of cerebral white matter integrity: An overview of recent advances and prospects. <i>World Journal of Clinical Cases</i> , 2022, 10, 8450-8462.	0.3	2
3000	Cerebral small vessel disease: Pathological mechanisms and potential therapeutic targets. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	23
3001	Association of Cerebrovascular and Alzheimer Disease Biomarkers With Cholinergic White Matter Degeneration in Cognitively Unimpaired Individuals. <i>Neurology</i> , 2022, 99, .	1.5	6
3002	Topological relationships between perivascular spaces and progression of white matter hyperintensities: A pilot study in a sample of the Lothian Birth Cohort 1936. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	6
3003	Using transfer learning for automated microbleed segmentation. , 0, 1, .		1
3004	White matter hyperintensity shape is associated with cognitive functioning â€” the SMART-MR study. <i>Neurobiology of Aging</i> , 2022, 120, 81-87.	1.5	3
3005	Cerebral Microbleeds During Transcatheter Aortic Valve Replacement: A Prospective Magnetic Resonance Imaging Cohort. <i>Circulation</i> , 2022, 146, 383-397.	1.6	7
3006	Association between frailty index based on routine laboratory tests and risk of cerebral small vessel disease in elderly patients: a hospital-based observational study. <i>Aging Clinical and Experimental Research</i> , 2022, 34, 2683-2692.	1.4	1
3007	Chronic cerebral infarctions and white matter lesions link to long-term survival after a first ischemic event: A cohort study. <i>Journal of Neuroimaging</i> , 0, , .	1.0	1
3008	Association of Microglial Activation With Spontaneous ARIA-E and CSF Levels of Anti-A $\beta$ 2 Autoantibodies. <i>Neurology</i> , 2022, 99, .	1.5	17
3009	Juvenile patients with the homozygous MTHFR C677T genotype develop ischemic stroke 5 years earlier than wild type. <i>Journal of Thrombosis and Thrombolysis</i> , 2022, 54, 330-338.	1.0	1
3010	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
3011	Multimodal tract-based MRI metrics outperform whole brain markers in determining cognitive impact of small vessel disease-related brain injury. <i>Brain Structure and Function</i> , 2022, 227, 2553-2567.	1.2	2
3012	White matter hyperintensities in former American football players. <i>Alzheimer's and Dementia</i> , 2023, 19, 1260-1273.	0.4	9



#	ARTICLE	IF	CITATIONS
3013	Dose-response association between plasma homocysteine and white matter lesions in patients with hypertension: a case-control study. <i>Hypertension Research</i> , 0, , .	1.5	1
3014	A Study on the Pathogenesis of Vascular Cognitive Impairment and Dementia: The Chronic Cerebral Hypoperfusion Hypothesis. <i>Journal of Clinical Medicine</i> , 2022, 11, 4742.	1.0	17
3015	Retinal microvasculature and imaging markers of brain frailty in normal aging adults. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	9
3016	MRI-Compatible Microcirculation System Using Ultrasonic Pumps for Microvascular Imaging on 3T MRI. <i>Sensors</i> , 2022, 22, 6191.	2.1	0
3017	Association of Enlarged Perivascular Spaces With Amyloid Burden and Cognitive Decline in Alzheimer Disease Continuum. <i>Neurology</i> , 2022, 99, .	1.5	14
3018	Periventricular rather than deep white matter hyperintensities mediate effects of hypertension on cognitive performance in the population-based 1000BRAINS study. <i>Journal of Hypertension</i> , 2022, 40, 2413-2422.	0.3	4
3019	Enlarged perivascular spaces are linked to freezing of gait in Parkinson's disease. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
3020	Genome-wide associations of aortic distensibility suggest causality for aortic aneurysms and brain white matter hyperintensities. <i>Nature Communications</i> , 2022, 13, .	5.8	18
3021	Low heart rate is associated with cerebral pulsatility after <scp>TIA</scp> or minor stroke. <i>Annals of Neurology</i> , 0, , .	2.8	1
3022	Different mechanisms in periventricular and deep white matter hyperintensities in old subjects. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	7
3023	Long-term outcome of cerebral amyloid angiopathy-related hemorrhage. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 1829-1837.	1.9	4
3024	Associations of Life's Simple 7 With Cerebral Small Vessel Disease. <i>Stroke</i> , 2022, 53, 2859-2867.	1.0	8
3025	Association between retinal vessel density and neuroimaging features and cognitive impairment in cerebral small vessel disease. <i>Clinical Neurology and Neurosurgery</i> , 2022, 221, 107407.	0.6	4
3026	The triglyceride glucose index is associated with the cerebral small vessel disease in a memory clinic population. <i>Journal of Clinical Neuroscience</i> , 2022, 104, 126-133.	0.8	2
3027	Assessment of perivascular space filtering methods using a three-dimensional computational model. <i>Magnetic Resonance Imaging</i> , 2022, 93, 33-51.	1.0	11
3028	Computer-aided extraction of select MRI markers of cerebral small vessel disease: A systematic review. <i>NeuroImage</i> , 2022, 261, 119528.	2.1	5
3029	Risk factors for neurological complications in left-sided infective endocarditis. <i>Journal of the Neurological Sciences</i> , 2022, 442, 120386.	0.3	4
3030	Association of MRI Indices of Glymphatic System With Amyloid Deposition and Cognition in Mild Cognitive Impairment and Alzheimer Disease. <i>Neurology</i> , 2022, 99, .	1.5	68

#	ARTICLE	IF	CITATIONS
3031	Dynamic functional connections in leukoaraiosis patients without cognitive impairment: A pilot study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	0
3032	Gait in Cerebral Amyloid Angiopathy. <i>Journal of the American Heart Association</i> , 2022, 11, .	1.6	1
3033	StRegA: Unsupervised anomaly detection in brain MRIs using a compact context-encoding variational autoencoder. <i>Computers in Biology and Medicine</i> , 2022, 149, 106093.	3.9	4
3034	Mutation of breast cancer susceptibility genes increases cerebral microbleeds: A pilot study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106729.	0.7	0
3035	Depression interacts with allostatic load to predict cognitive decline in middleÂage. <i>Psychoneuroendocrinology</i> , 2022, 146, 105922.	1.3	7
3036	Cerebral Microbleeds Detection Using a 3D Feature Fused Region Proposal Network with Hard Sample Prototype Learning. <i>Lecture Notes in Computer Science</i> , 2022, , 452-460.	1.0	1
3037	Treatment of patients with chronic cerebral ischemia: experience of using the combined neuroprotective drug Picamilon Ginkgo. <i>Zhurnal Nevrologii I Psikhiiatrii Imeni S S Korsakova</i> , 2022, 122, 95.	0.1	3
3038	The Atherogenic Index of Plasma is Associated With Cerebral Small Vessel Disease: A Cross-Sectional Study. <i>Journal of Lipid and Atherosclerosis</i> , 2022, 11, 262.	1.1	3
3039	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
3040	The influence of cerebral small vessel diseases on the efficacy of repositioning therapy and prognosis of benign paroxysmal positional vertigo. <i>International Journal of Medical Sciences</i> , 2022, 19, 1227-1234.	1.1	0
3041	High Frequency Suprathreshold rTMS to Cz Can Improve Gait Apraxia and Reduce Inflammatory Markers in Patients with Incidental Cerebral Small Vessel Disease. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
3042	Different cardiovascular risk factors are related to distinct white matter hyperintensity MRI phenotypes in older adults. <i>NeuroImage: Clinical</i> , 2022, 35, 103131.	1.4	10
3043	Brain Metabolic Network Redistribution in Patients with White Matter Hyperintensities on MRI Analyzed with an Individualized Index Derived from <sup>18</sup> F-FDG-PET/MRI. <i>Korean Journal of Radiology</i> , 2022, 23, 986.	1.5	1
3044	A single-stage detector of cerebral microbleeds using 3D feature fused region proposal network (FFRP-Net). , 2022, , .		2
3045	Characteristics of Cognitive Impairment and Their Relationship With Total Cerebral Small Vascular Disease Score in Parkinsonâ€™s Disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	4
3046	Neuropsychiatric symptoms are associated with exacerbated cognitive impairment in covert cerebral small vessel disease. <i>Journal of the International Neuropsychological Society</i> , 0, , 1-8.	1.2	1
3047	Machine learning-based automatic estimation of cortical atrophy using brain computed tomography images. <i>Scientific Reports</i> , 2022, 12, .	1.6	0
3049	Impact of cerebral small vessel disease on symptomatic in-stent restenosis in intracranial atherosclerosis. <i>Journal of Neurosurgery</i> , 2022, , 1-10.	0.9	1

#	ARTICLE	IF	CITATIONS
3050	Research hotspots and trends of multimodality MRI on vascular cognitive impairment in recent 12 years: A bibliometric analysis. <i>Medicine (United States)</i> , 2022, 101, e30172.	0.4	2
3051	Low Plasma Ergothioneine Predicts Cognitive and Functional Decline in an Elderly Cohort Attending Memory Clinics. <i>Antioxidants</i> , 2022, 11, 1717.	2.2	15
3052	Clinical features, etiology, and prognosis of hand knob stroke: a case series. <i>BMC Neurology</i> , 2022, 22, .	0.8	6
3053	Novel mutations in <i>HTRA1</i> -related cerebral small vessel disease and comparison with <i>CADASIL</i> . <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 1586-1595.	1.7	3
3054	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
3055	Cerebral Venous Reflux and Dilated Basal Ganglia Perivascular Space in Hypertensive Intracerebral Hemorrhage. <i>Journal of Stroke</i> , 2022, 24, 363-371.	1.4	3
3056	Enlarged perivascular spaces, neuroinflammation and neurological dysfunction in NMOSD patients. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	8
3057	A guide for researchers seeking training in retrospective data harmonization for population neuroscience studies of Alzheimer's disease and related dementias. , 0, 1, .		4
3058	Interpretable deep learning of myelin histopathology in age-related cognitive impairment. <i>Acta Neuropathologica Communications</i> , 2022, 10, .	2.4	13
3059	Trustworthy Applications of AML Algorithms in Medicine - Discussion and Preliminary Results for a Problem of Small Vessels Disease Diagnosis. <i>Lecture Notes in Networks and Systems</i> , 2023, , 3-16.	0.5	0
3060	Association of Carotid Plaque and Flow Velocity With White Matter Integrity in a Middle-aged to Elderly Population. <i>Neurology</i> , 0, , 10.1212/WNL.0000000000201297.	1.5	1
3061	Characterization of white matter over 1-2 years in small vessel disease using MR-based quantitative susceptibility mapping and free-water mapping. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	1
3062	Gender difference in association between H-type hypertension and subcortical ischemic vascular disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	2
3063	Arterial Spin-Labeling Parameters and Their Associations with Risk Factors, Cerebral Small-Vessel Disease, and Etiologic Subtypes of Cognitive Impairment and Dementia. <i>American Journal of Neuroradiology</i> , 2022, 43, 1418-1423.	1.2	5
3064	Quantitative susceptibility mapping improves cerebral microbleed detection relative to susceptibility-weighted images. <i>Journal of Neuroimaging</i> , 2023, 33, 138-146.	1.0	2
3065	White Matter Hyperintensity Spatial Patterns Provide Clues About Underlying Disease: Location Matters!. <i>Neurology</i> , 0, , 10.1212/WNL.0000000000201398.	1.5	3
3066	Association of Dilated Perivascular Spaces With Lipid Indices in Ischemic Stroke Patients. <i>Cureus</i> , 2022, , .	0.2	0
3067	Altered local gyrification and functional connectivity in type 2 diabetes mellitus patients with mild cognitive impairment: A pilot cross-sectional small-scale single center study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	1

#	ARTICLE	IF	CITATIONS
3068	Sex differences of vascular brain lesions in patients with atrial fibrillation. <i>Open Heart</i> , 2022, 9, e002033.	0.9	0
3069	Unraveling the Protective Effects of Cognitive Reserve on Cognition and Brain: A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 12228.	1.2	0
3070	Perivascular Spaces. <i>Neurology</i> , 2022, 99, 1019-1020.	1.5	0
3071	Clinical factors associated with cerebral autoregulation in ischemic stroke related to small artery occlusion. <i>BMC Neurology</i> , 2022, 22, .	0.8	1
3072	Diagnostic yield of diffusion-weighted brain MR imaging in patients with cognitive impairment: Large cohort study with 3,298 patients. <i>PLoS ONE</i> , 2022, 17, e0274795.	1.1	0
3073	A joint ventricle and WMH segmentation from MRI for evaluation of healthy and pathological changes in the aging brain. <i>PLoS ONE</i> , 2022, 17, e0274212.	1.1	1
3074	Longitudinal Changes of White Matter Hyperintensities in Sporadic Small Vessel Disease. <i>Neurology</i> , 2022, 99, .	1.5	21
3075	Association of Data-Driven White Matter Hyperintensity Spatial Signatures With Distinct Cerebral Small Vessel Disease Etiologies. <i>Neurology</i> , 2022, 99, .	1.5	29
3077	MRI-Visible Perivascular Spaces and Risk of Incident Dementia. <i>Neurology</i> , 2022, 99, .	1.5	10
3078	Deep white matter hyperintensity is spatially correlated to MRI-visible perivascular spaces in cerebral small vessel disease on 7 Tesla MRI. <i>Stroke and Vascular Neurology</i> , 2023, 8, 144-150.	1.5	2
3079	Elderly CADASIL patients with intact neurological status. <i>Journal of Stroke</i> , 2022, 24, 352-362.	1.4	5
3080	Serum glial fibrillary acidic protein is sensitive to acute but not chronic tissue damage in cerebral small vessel disease. <i>Journal of Neurology</i> , 0, , .	1.8	5
3081	Exploring the risk factors for ischemic cerebrovascular disease in systemic lupus erythematosus: A single-center case-control study. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1
3082	Effect of cerebral small vessel disease on cognitive impairment in Parkinson's disease. <i>Acta Neurologica Belgica</i> , 2023, 123, 487-495.	0.5	2
3083	Imaging markers of cerebral amyloid angiopathy and hypertensive arteriopathy differentiate Alzheimer disease subtypes synergistically. <i>Alzheimer's Research and Therapy</i> , 2022, 14, .	3.0	1
3084	Reliability of velocity pulsatility in small vessels on 3Tesla MRI in the basal ganglia: a test-retest study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 0, , .	1.1	0
3085	Atrial cardiopathy is associated with cerebral microbleeds in ischemic stroke patients. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
3086	Regional rather than global brain age mediates cognitive function in cerebral small vessel disease. <i>Brain Communications</i> , 2022, 4, .	1.5	9

#	ARTICLE	IF	CITATIONS
3087	A Causal Classification System for Intracerebral Hemorrhage Subtypes. <i>Annals of Neurology</i> , 2023, 93, 16-28.	2.8	8
3088	Spatial Relation Between White Matter Hyperintensities and Incident Lacunes of Presumed Vascular Origin: A 14-Year Follow-Up Study. <i>Stroke</i> , 0, , .	1.0	2
3089	Vascular Brain Lesions, Cognitive Reserve, and Their Association with Cognitive Profile in Persons with Early-Stage Cognitive Decline. <i>Journal of Alzheimer's Disease Reports</i> , 2022, 6, 607-616.	1.2	1
3090	Cerebral Small Vessel Disease: A Bibliometric Analysis. <i>Journal of Molecular Neuroscience</i> , 0, , .	1.1	0
3091	<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
3092	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
3093	Research Progress on the Correlation between White Matter Hyperintensity of Presumed Vascular Origin and Systemic Immune-Inflammation Index. <i>Advances in Clinical Medicine</i> , 2022, 12, 9589-9595.	0.0	0
3094	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
3095	Association of deep medullary veins with the neuroimaging burden of cerebral small vessel disease. <i>Quantitative Imaging in Medicine and Surgery</i> , 2023, 13, 27-36.	1.1	1
3096	Neuropsychiatric symptoms in patients with possible vascular cognitive impairment, does sex matter?. <i>Cerebral Circulation - Cognition and Behavior</i> , 2022, 3, 100152.	0.4	0
3097	Laterality of Posterior Cerebral Artery and White Matter Hyperintensities in Patients with Severe Internal Carotid Artery Stenosis. <i>Neurology India</i> , 2022, 70, 2015.	0.2	0
3098	Functional brain network and trail making test changes following major surgery and postoperative delirium: a prospective, multicentre, observational cohort study. <i>British Journal of Anaesthesia</i> , 2023, 130, e281-e288.	1.5	8
3099	Primary acute convexity subarachnoid hemorrhage in older patients: analysis of baseline, clinical and MRI characteristics including quantitative surface study and topographical probabilistic mapping of convexity subarachnoid hemorrhage. <i>Acta Neurologica Belgica</i> , 0, , .	0.5	2
3100	Microvascular Changes in the Retina Correlate with MRI Markers in Patients with Early-Onset Dementia. <i>Brain Sciences</i> , 2022, 12, 1391.	1.1	2
3101	Association between susceptibility value and cerebral blood flow in the bilateral putamen in patients undergoing hemodialysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2023, 43, 433-445.	2.4	2
3102	Multisystem physiological perspective of human frailty and its modulation by physical activity. <i>Physiological Reviews</i> , 2023, 103, 1137-1191.	13.1	24
3103	Dissecting Polygenic Etiology of Ischemic Stroke in the Era of Precision Medicine. <i>Journal of Clinical Medicine</i> , 2022, 11, 5980.	1.0	1
3104	Association of kidney function and brain health: A systematic review and meta-analysis of cohort studies. <i>Ageing Research Reviews</i> , 2022, 82, 101762.	5.0	9

#	ARTICLE	IF	CITATIONS
3105	Perivascular Space Predicts Brain Hypometabolism of Individuals with Underlying Amyloid Pathology. <i>Journal of Alzheimer's Disease</i> , 2022, 90, 1329-1337.	1.2	1
3106	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
3107	White Matter Hyperintensities and Poststroke Apathy: A Fully Automated MRI Segmentation Study. <i>Cerebrovascular Diseases</i> , 0, , 1-7.	0.8	0
3108	Detection of Cerebral Microbleeds in <scp>MR</scp> Images Using a <scp>Singleâ€Stage</scp> Triplanar Ensemble Detection Network (TPEâ€Det). <i>Journal of Magnetic Resonance Imaging</i> , 2023, 58, 272-283.	1.9	2
3109	Association of enlarged perivascular spaces with upper extremities and gait impairment: An observational, prospective cohort study. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	2
3110	Association between high-risk extracranial carotid plaque and covert brain infarctions and cerebral microbleeds. <i>Neuroradiology</i> , 2023, 65, 287-295.	1.1	1
3111	Prevalence and risk factors of MRI-defined brain infarcts among Chinese adults. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
3112	Brain white matter hyperintensities in Kawasaki disease: A caseâ€control study. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
3113	Magnetic Resonance Imaging Reveals Microemboli-mediated Pathological Changes in Brain Microstructure in Diabetic Rats: Relevance to Vascular Cognitive Impairment/Dementia. <i>Clinical Science</i> , 0, , .	1.8	0
3114	Ionizing radiation, cerebrovascular disease, and consequent dementia: A review and proposed framework relevant to space radiation exposure. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	2
3115	Low-grade carotid artery stenosis is associated with progression of brain atrophy and cognitive decline. The SMART-MR study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2023, 43, 309-318.	2.4	4
3116	High frequency of <i>HTRA1</i> AND <i>ABCC6</i> mutations in Japanese patients with adult-onset cerebral small vessel disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2023, 94, 74-81.	0.9	2
3117	Recent advances in arterial spin labeling perfusion MRI in patients with vascular cognitive impairment. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2023, 43, 173-184.	2.4	6
3118	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
3119	Measures of intracranial compartments in acute intracerebral haemorrhage: data from the Rapid Intervention with Glyceryl Trinitrate in Hypertensive Stroke-2 Trial (RIGHT-2). <i>Stroke and Vascular Neurology</i> , 2023, 8, 151-160.	1.5	0
3120	Genetic and Environmental Effects on the Development of White Matter Hyperintensities in a Middle Age Twin Population. <i>Medicina (Lithuania)</i> , 2022, 58, 1425.	0.8	0
3121	New insights in addressing cerebral small vessel disease: Associated with extracellular fluid in white matter. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	1
3122	Vascular Collagen Type-IV in Hypertension and Cerebral Small Vessel Disease. <i>Stroke</i> , 2022, 53, 3696-3705.	1.0	9

#	ARTICLE	IF	CITATIONS
3123	Semisupervised white matter hyperintensities segmentation on MRI. <i>Human Brain Mapping</i> , 2023, 44, 1344-1358.	1.9	2
3124	Poststroke action slowing: Motor and attentional impairments and their imaging determinants. Evidence from lesion-symptom mapping, disconnection and fMRI activation studies. <i>Neuropsychologia</i> , 2022, 177, 108401.	0.7	1
3125	Analysis of Risk Factors for Cerebral Microbleeds and the Relationship between Cerebral Microbleeds and Cognitive Impairment. <i>Brain Sciences</i> , 2022, 12, 1445.	1.1	2
3126	Multiple chronic lacunes predicting early neurological deterioration and long-term functional outcomes according to TOAST classification in acute ischemic stroke. <i>Neurological Sciences</i> , 0, , .	0.9	1
3127	The global burden of cerebral small vessel disease in low- and middle-income countries: A systematic review and meta-analysis. <i>International Journal of Stroke</i> , 2023, 18, 15-27.	2.9	20
3128	Retinal thickness changes in different subfields reflect the volume change of cerebral white matter hyperintensity. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	0
3129	Insulin resistance based on postglucose load measure is associated with prevalence and burden of cerebral small vessel disease. <i>BMJ Open Diabetes Research and Care</i> , 2022, 10, e002897.	1.2	1
3130	Retinal capillary microvessel morphology changes are associated with vascular damage and dysfunction in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2023, 43, 231-240.	2.4	11
3131	Brain PET and Cerebrovascular Disease. <i>PET Clinics</i> , 2023, 18, 115-122.	1.5	1
3132	Diabetes mellitus associated neurovascular lesions in the retina and brain: A review. <i>Frontiers in Ophthalmology</i> , 0, 2, .	0.2	3
3133	Phenotypic variability in 446 CADASIL patients: Impact of NOTCH3 gene mutation location in addition to the effects of age, sex and vascular risk factors. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2023, 43, 153-166.	2.4	9
3134	Perivascular spaces as a marker of disease severity and neurodegeneration in patients with behavioral variant frontotemporal dementia. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	7
3136	Covert Brain Infarction as a Risk Factor for Stroke Recurrence in Patients With Atrial Fibrillation. <i>Stroke</i> , 2023, 54, 87-95.	1.0	3
3137	Perivascular spaces and their role in neuroinflammation. <i>Neuron</i> , 2022, 110, 3566-3581.	3.8	21
3138	<sc>CADASIL</sc> Affects Multiple Aspects of Cerebral Small Vessel Function on <sc>7Tâ€MRI</sc>. <i>Annals of Neurology</i> , 2023, 93, 29-39.	2.8	10
3139	Factors associated with the location of perivascular space enlargement in middle-aged individuals undergoing brain screening in Japan. <i>Clinical Neurology and Neurosurgery</i> , 2022, 223, 107497.	0.6	2
3140	Association Between Behavioral, Biological, and Genetic Markers of Cardiovascular Health and MRI Markers of Brain Aging. <i>Neurology</i> , 2023, 100, .	1.5	3
3141	Cerebrovascular damage in subjective cognitive decline: A systematic review and meta-analysis. <i>Ageing Research Reviews</i> , 2022, 82, 101757.	5.0	5



#	ARTICLE	IF	CITATIONS
3142	Association of blood-based biomarkers with radiologic markers and cognitive decline in atrial fibrillation patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106833.	0.7	1
3143	Patients with heterozygous HTRA1-related cerebral small vessel disease misdiagnosed with other diseases: Two case reports. <i>Clinical Neurology and Neurosurgery</i> , 2022, 223, 107502.	0.6	2
3144	Relationship between Serum Irisin Levels and MRI-Measured Cerebral Small Vessel Disease in Japanese Men. <i>Journal of Atherosclerosis and Thrombosis</i> , 2022, , .	0.9	0
3145	Association between Carotid Wall Shear Stress-Based Vascular Vector Flow Mapping and Cerebral Small Vessel Disease. <i>Journal of Atherosclerosis and Thrombosis</i> , 2023, 30, 1165-1175.	0.9	0
3146	Mediterranean Diet and its Effects on Silent Brain Infarcts in a Cohort of Patients With Atrial Fibrillation. <i>Nutrition and Metabolic Insights</i> , 2022, 15, 117863882211221.	0.8	0
3147	Association of LTA and SOD Gene Polymorphisms with Cerebral White Matter Hyperintensities in Migraine Patients. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13781.	1.8	2
3148	Annual exposure to PM10 is related to cerebral small vessel disease in general adult population. <i>Scientific Reports</i> , 2022, 12, .	1.6	1
3149	Underlying microangiopathy and functional outcome of simultaneous multiple intracerebral hemorrhage. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	1
3150	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
3151	The mean diffusivity of forceps minor is useful to distinguish amnesic mild cognitive impairment from mild cognitive impairment caused by cerebral small vessel disease. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	1.0	1
3152	Heart rate variability is associated with cerebral small vessel disease in patients with diabetes. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	5
3153	Association of covert brain infarcts and white matter hyperintensities with risk of hip fracture in older adults: the Cardiovascular Health Study. <i>Osteoporosis International</i> , 2023, 34, 91-99.	1.3	1
3154	Different Dynamic Nodal Properties Contribute to Cognitive Impairment in Patients with White Matter Hyperintensities. <i>Brain Sciences</i> , 2022, 12, 1527.	1.1	0
3155	Overall cerebral small vessel disease burden is associated with outcome of acute ischemic stroke after mechanical thrombectomy. <i>Interventional Neuroradiology</i> , 0, , 159101992211381.	0.7	2
3156	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
3157	Structural network efficiency mediates the association between glymphatic function and cognition in mild VCI: a DTI-ALPS study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	4
3158	Relationship between heart rate variability and cognitive function in patients with enlarged perivascular space. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	0
3159	Predicting Cognitive Decline in Older Adults Using Baseline Metrics of AD Pathologies, Cerebrovascular Disease, and Neurodegeneration. <i>Neurology</i> , 2023, 100, e834-e845.	1.5	4

#	ARTICLE	IF	CITATIONS
3160	Peak width of skeletonized mean diffusivity in cerebral amyloid angiopathy: Spatial signature, cognitive, and neuroimaging associations. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	4
3161	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
3163	Structural and functional alterations in cerebral small vessel disease: an ALE-based meta-analysis. <i>Cerebral Cortex</i> , 2023, 33, 5484-5492.	1.6	3
3164	Impact of White Adipose Tissue on Brain Structure, Perfusion, and Cognitive Function in Patients With Severe Obesity. <i>Neurology</i> , 2023, 100, .	1.5	3
3165	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
3166	Coronary microvascular dysfunction is associated with impaired cognitive function: the Cerebral-Coronary Connection study (C3 study). <i>European Heart Journal</i> , 2023, 44, 113-125.	1.0	13
3167	Neuroimaging for differential diagnosis of transient neurological attacks. <i>Brain and Behavior</i> , 2022, 12, .	1.0	1
3168	Roles of NG2 Glia in Cerebral Small Vessel Disease. <i>Neuroscience Bulletin</i> , 0, , .	1.5	5
3169	The relationship of Vascular Aging to Reduced Cognitive Function: Pulsatile and Steady State Arterial Hemodynamics. <i>Pulse</i> , 0, , .	0.9	0
3170	The Impact of Cortical Cerebral Microinfarcts on Functional Outcomes in Patients With Ischemic Stroke. <i>Brain &amp; Neurorehabilitation</i> , 2022, 15, .	0.4	1
3171	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
3172	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
3173	Novel developments in non-contrast enhanced MRI of the perivascular clearance system: What are the possibilities for Alzheimer's disease research?. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 144, 104999.	2.9	5
3174	The impact of sleep components, quality and patterns on glymphatic system functioning in healthy adults: A systematic review. <i>Sleep Medicine</i> , 2023, 101, 322-349.	0.8	9
3175	Executive Function Poststroke: Concepts, Recovery, and Interventions. <i>Stroke</i> , 2023, 54, 20-29.	1.0	8
3176	Minimizing the effect of white matter lesions on deep learning based tissue segmentation for brain volumetry. <i>Computerized Medical Imaging and Graphics</i> , 2023, 103, 102157.	3.5	2
3177	Determinants of approved acetylcholinesterase inhibitor response outcomes in Alzheimer's disease: relevance for precision medicine in neurodegenerative diseases. <i>Ageing Research Reviews</i> , 2023, 84, 101819.	5.0	9
3178	Impact of white matter hypodensities on outcome after intracerebral hemorrhage. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2023, 32, 106919.	0.7	0

#	ARTICLE	IF	CITATIONS
3179	Emergency management of intracerebral hemorrhage. <i>Journal of Critical Care</i> , 2023, 74, 154232.	1.0	6
3180	An MRI based ischemic stroke classification "A mechanism oriented approach. <i>Annals of Indian Academy of Neurology</i> , 2022, 25, 1019.	0.2	1
3181	Results of clinical studies of the efficacy and safety of the use of ethylmethylhydroxypyridine succinate in patients with chronic cerebral ischemia. <i>Zhurnal Nevrologii I Psikhiatrii Imeni S S Korsakova</i> , 2022, 122, 29.	0.1	3
3182	Right hemispheric white matter hyperintensities improve the prediction of spatial neglect severity in acute stroke. <i>NeuroImage: Clinical</i> , 2022, 36, 103265.	1.4	7
3183	Diagnóstico do comprometimento cognitivo vascular: recomendações do Departamento Científico de Neurologia Cognitiva e do Envelhecimento da Academia Brasileira de Neurologia. <i>Dementia E Neuropsychologia</i> , 2022, 16, 53-72.	0.3	2
3184	Diagnosis of vascular cognitive impairment: recommendations of the scientific department of cognitive neurology and aging of the Brazilian Academy of Neurology. <i>Dementia E Neuropsychologia</i> , 2022, 16, 53-72.	0.3	1
3185	Super resolution ultrasound imaging using deep learning based micro-bubbles localization. , 2022, , .		0
3186	Late Midlife Subclinical Infarct Burden and Risk of Dementia: The Atherosclerosis Risk in Communities Neurocognitive Study. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-7.	1.2	0
3187	De novo appearance of cerebral microbleeds in community-dwelling older adults. <i>Neuroimaging and clinical correlates. Neuroradiology Journal</i> , 0, , 197140092211414.	0.6	0
3188	Cross-sectional Associations of $\beta$ -Amyloid, Tau, and Cerebrovascular Biomarkers With Neurodegeneration in Probable Dementia With Lewy Bodies. <i>Neurology</i> , 2023, 100, e846-e859.	1.5	7
3189	Mapping the current trends and hotspots of vascular cognitive impairment from 2000"2021: A bibliometric analysis. <i>CNS Neuroscience and Therapeutics</i> , 2023, 29, 771-782.	1.9	6
3190	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
3191	The neurocognitive disorder cohort RIFADE: Aims, methods, first results showing cognitive improvement in a subgroup. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 0, , .	1.8	1
3192	Brain white matter hyperintensity lesion characterization in 3D T2 fluid-attenuated inversion recovery magnetic resonance images: Shape, texture, and their correlations with potential growth. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	0
3193	White matter hyperintensity load is associated with premature brain aging. <i>Aging</i> , 0, , .	1.4	1
3194	Cerebral Superficial Siderosis. <i>Clinical Neuroradiology</i> , 2023, 33, 293-306.	1.0	6
3195	Association between white matter alterations and domain-specific cognitive impairment in cerebral small vessel disease: A meta-analysis of diffusion tensor imaging. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	1
3196	Cerebral Small Vessel Diseases and Outcomes for Acute Ischemic Stroke Patients after Endovascular Therapy. <i>Journal of Clinical Medicine</i> , 2022, 11, 6883.	1.0	1

#	ARTICLE	IF	CITATIONS
3197	Machine learning approach for hemorrhagic transformation prediction: Capturing predictors' interaction. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	5
3198	Physical activity and brain health in patients with atrial fibrillation. <i>European Journal of Neurology</i> , 2023, 30, 567-577.	1.7	1
3199	Intracranial atherosclerotic plaque enhancement and long-term risk of future strokes: A prospective, longitudinal study. <i>Journal of Neuroimaging</i> , 2023, 33, 289-301.	1.0	0
3200	Post-stroke cognitive impairment: A bibliometric and knowledge-map analysis. <i>NeuroRehabilitation</i> , 2023, 52, 175-186.	0.5	2
3201	Risk factors related to early neurological deterioration in lacunar stroke and its influence on functional outcome. <i>International Journal of Stroke</i> , 2023, 18, 681-688.	2.9	7
3202	Spontaneous Echo Contrast in the Left Atrium and Aortic-Arch Atheroma, Detected by Transesophageal Echocardiography, Was Negatively Correlated with Cognitive Function. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-9.	1.2	0
3203	Enlarged perivascular spaces are associated with decreased brain tau deposition. <i>CNS Neuroscience and Therapeutics</i> , 2023, 29, 577-586.	1.9	4
3204	Neuroimaging markers of dual impairment in cognition and physical performance following stroke: The Nor-COAST study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	0
3205	How relevant are cerebral white matter lesions in the D313Y variant of the Î±-galactosidase A gene? Neurological, cardiological, laboratory, and MRI data of 21 patients within a follow-up of 3Âyears. <i>Neurological Sciences</i> , 0, , .	0.9	0
3206	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
3207	Plasma inflammatory biomarkers in cerebral small vessel disease: A review. <i>CNS Neuroscience and Therapeutics</i> , 2023, 29, 498-515.	1.9	9
3208	Brain Enlarged Perivascular Spaces as Imaging Biomarkers of Cerebrovascular Disease: A Clinical Narrative Review. <i>Journal of the American Heart Association</i> , 2022, 11, .	1.6	1
3209	Apolipoprotein E É2 Is Associated with the White Matter Hyperintensity Multispot Pattern in Spontaneous Intracerebral Hemorrhage. <i>Translational Stroke Research</i> , 2024, 15, 101-109.	2.3	1
3210	Decreased Regional Spontaneous Brain Activity and Cognitive Dysfunction in Patients with Coronary Heart Disease: a Resting-state Functional MRI Study. <i>Academic Radiology</i> , 2022, , .	1.3	1
3211	The impact of cerebral small vessel disease burden and its imaging markers on gait, postural control, and cognition in Parkinsonâ€™s disease. <i>Neurological Sciences</i> , 2023, 44, 1223-1233.	0.9	2
3212	Noninvasive neuroimaging provides evidence for deterioration of the glymphatic system in Parkinson's disease relative to essential tremor. <i>Parkinsonism and Related Disorders</i> , 2023, 107, 105254.	1.1	7
3213	Lacunes. , 2022, , 119-126.		0
3214	Genetic analysis of the ATP11B gene in Chinese Han population with cerebral small vessel disease. <i>BMC Genomics</i> , 2022, 23, .	1.2	1

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3215	Association of Body Shape Index with Cerebral Small Vessel Disease. <i>Obesity Facts</i> , 2023, 16, 204-211.	1.6	1
3216	Stroke Risk and Antithrombotic Treatment During Follow-up of Patients With Ischemic Stroke and Cortical Superficial Siderosis. <i>Neurology</i> , 2023, 100, .	1.5	2
3217	Effects of Carotid Artery Stiffness on Cerebral Small Vessel Disease and Cognition. <i>Journal of the American Heart Association</i> , 2022, 11, .	1.6	6
3218	Optogenetic Stimulation of mPFC Alleviates White Matter Injury-Related Cognitive Decline after Chronic Ischemia through Adaptive Myelination. <i>Advanced Science</i> , 2023, 10, .	5.6	7
3219	Three-tiered EGFR domain risk stratification for individualized NOTCH3-small vessel disease prediction. <i>Brain</i> , 2023, 146, 2913-2927.	3.7	6
3220	Interferon- $\beta$ drives macrophage reprogramming, cerebrovascular remodelling, and cognitive dysfunction in a zebrafish and a mouse model of ion imbalance and pressure overload. <i>Cardiovascular Research</i> , 2023, 119, 1234-1249.	1.8	7
3221	Association of Chronic Covert Cerebral Infarctions and White Matter Hyperintensities With Atrial Fibrillation Detection on Post-Stroke Cardiac Rhythm Monitoring: A Cohort Study. <i>Journal of the American Heart Association</i> , 2022, 11, .	1.6	0
3222	The role of the fibrinolytic system laboratory markers in the assessment of the cerebral small vessel disease severity. <i>Almanah Kliničeskoj Mediciny</i> , 2022, 50, 287-294.	0.2	0
3223	White matter hyperintensities are an independent predictor of cognitive decline 3 years following first-ever stroke—results from the PROSCIS-B study. <i>Journal of Neurology</i> , 0, , .	1.8	1
3224	Tract-based white matter hyperintensity patterns in patients with systemic lupus erythematosus using an unsupervised machine learning approach. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
3227	Correlation of lipoprotein-associated phospholipase A2 and cerebral microbleeds in patients with acute ischaemic stroke. <i>BMC Neurology</i> , 2022, 22, .	0.8	4
3228	A critical guide to the automated quantification of perivascular spaces in magnetic resonance imaging. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	8
3229	Intracranial Carotid Arteriosclerosis Mediates the Association Between Blood Pressure and Cerebral Small Vessel Disease. <i>Hypertension</i> , 2023, 80, 618-628.	1.3	3
3230	Heterogeneity of White Matter Hyperintensity and Cognitive Impairment in Patients with Acute Lacunar Stroke. <i>Brain Sciences</i> , 2022, 12, 1674.	1.1	3
3231	Criteria for diagnosis and classification of vascular cognitive impairment. <i>Nevrologiya, Neiropsikhiatriya, Psikhosomatika</i> , 2022, 14, 131-138.	0.2	3
3232	Are neuropsychiatric symptoms a marker of small vessel disease progression in older adults? Evidence from the Lothian Birth Cohort 1936. <i>International Journal of Geriatric Psychiatry</i> , 2023, 38, .	1.3	2
3233	Chronic cerebral hypoperfusion alters the CypA-EMMPRIN-gelatinase pathway: Implications for vascular dementia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2023, 43, 722-735.	2.4	4
3234	Associations of MRI-visible perivascular spaces with longitudinal cognitive decline across the Alzheimer's disease spectrum. <i>Alzheimer's Research and Therapy</i> , 2022, 14, .	3.0	6

#	ARTICLE	IF	CITATIONS
3235	Experience of diagnosis and managements for patients with primary progressive freezing of gait. Journal of Neurorestoratology, 2023, 11, 100039.	1.1	1
3236	Vascular contributions to Alzheimer's disease. Translational Research, 2023, 254, 41-53.	2.2	26
3237	Association of cerebral white matter hyperintensities with coronary artery calcium in a healthy population: a cross-sectional study. Scientific Reports, 2022, 12, .	1.6	5
3238	The gut microbiotaâ€astrocyte axis: Implications for type 2 diabetic cognitive dysfunction. CNS Neuroscience and Therapeutics, 2023, 29, 59-73.	1.9	7
3239	Neurofilament light level correlates with brain atrophy, and cognitive and motor performance. Frontiers in Aging Neuroscience, 0, 14, .	1.7	1
3240	Association between Kidney Function and the Burden of Cerebral Small Vessel Disease: An Updated Meta-Analysis and Systematic Review. Cerebrovascular Diseases, 2023, 52, 376-386.	0.8	3
3241	Update on the Epidemiology, Pathogenesis, and Biomarkers of Cerebral Autosomal Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. Journal of Clinical Neurology		

#	ARTICLE	IF	CITATIONS
3253	Idiopathic intracranial hypertension in patients with cerebral small vessel disease: A case report. <i>Medicine (United States)</i> , 2023, 102, e32639.	0.4	1
3255	Decreased water exchange rate across blood-brain barrier in hereditary cerebral small vessel disease. <i>Brain</i> , 2023, 146, 3079-3087.	3.7	11
3256	Assessment of aortic and cerebral haemodynamics and vascular brain injury with 3 and 7T magnetic resonance imaging in patients with aortic coarctation. <i>European Heart Journal Open</i> , 2023, 3, .	0.9	2
3257	Do Regions of Increased Inflammation Progress to New White Matter Hyperintensities?: A Longitudinal Positron Emission Tomography-Magnetic Resonance Imaging Study. <i>Stroke</i> , 2023, 54, 549-557.	1.0	2
3258	Elevated Plasma Oligomeric Amyloid $\beta$ -42 Is Associated with Cognitive Impairments in Cerebral Small Vessel Disease. <i>Biosensors</i> , 2023, 13, 110.	2.3	3
3259	Autonomic dysfunction after mild acute ischemic stroke and six months after: a prospective observational cohort study. <i>BMC Neurology</i> , 2023, 23, .	0.8	3
3260	Role of Enlarged Perivascular Space in the Temporal Lobe in Cerebral Amyloidosis. <i>Annals of Neurology</i> , 2023, 93, 965-978.	2.8	3
3261	A standardized protocol for manually segmenting stroke lesions on high-resolution T1-weighted MR images. , 0, 1, .		2
3262	Whether jugular venous reflux relates to more serious ischemic white matter lesions?. <i>Clinical Neurology and Neurosurgery</i> , 2023, 225, 107582.	0.6	0
3263	Associations of carotid artery flow parameters with MRI markers of cerebral small vessel disease and patterns of brain atrophy. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2023, 32, 106981.	0.7	2
3264	Characterization of white matter microstructural abnormalities associated with cognitive dysfunction in cerebral small vessel disease with cerebral microbleeds. <i>Journal of Affective Disorders</i> , 2023, 324, 259-269.	2.0	2
3265	Shaping the risk for late-life neurodegenerative disease: A systematic review on prenatal risk factors for Alzheimer's disease-related volumetric brain biomarkers. <i>Neuroscience and Biobehavioral Reviews</i> , 2023, 146, 105019.	2.9	6
3266	Segmenting White Matter Hyperintensity in Alzheimer's Disease using U-Net CNNs. , 2022, , .		0
3267	Automatic Brain White Matter Hyperintensities Segmentation with Swin U-Net. , 2022, , .		0
3268	Impact of White Matter Hyperintensity and Age on Gait Parameters in Patients With Cerebral Small Vessel Disease. <i>Journal of the American Medical Directors Association</i> , 2023, 24, 672-678.	1.2	3
3269	Cerebral small vessel disease: Recent advances and future directions. <i>International Journal of Stroke</i> , 2023, 18, 4-14.	2.9	61
3270	Brain morphometry and its relevance in cerebral small vessel disease. <i>Reports of Morphology</i> , 2022, 28, 11-17.	0.0	0
3271	Lacunes may worsen cognition but not motor function in Parkinson's disease. <i>Brain and Behavior</i> , 2023, 13, .	1.0	2



#	ARTICLE	IF	CITATIONS
3272	CGRP, Migraine, and Brain MRI in CADASIL. <i>Neurologist</i> , 2023, 28, 231-236.	0.4	1
3273	Magnetic Resonance Imaging Scan of the Brain After Mild COVID-19 Infection. <i>Cureus</i> , 2023, , .	0.2	1
3274	Impaired glymphatic drainage underlying obstructive sleep apnea is associated with cognitive dysfunction. <i>Journal of Neurology</i> , 2023, 270, 2204-2216.	1.8	10
3275	Lifelong Cognitive Reserve, Imaging Markers of Brain Aging, and Cognitive Function in Dementia-Free Rural Older Adults: A Population-Based Study. <i>Journal of Alzheimer's Disease</i> , 2023, , 1-12.	1.2	1
3277	Soluble TREM2, Alzheimer's Disease Pathology, and Risk for Progression of Cerebral Small Vessel Disease: A Longitudinal Study. <i>Journal of Alzheimer's Disease</i> , 2023, 92, 311-322.	1.2	2
3278	Study of high-altitude cerebral edema using multimodal imaging. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	1
3279	Results of evaluation of the effectiveness of the drug Cellex in patients with small vessel disease. <i>Zhurnal Nevrologii I Psikiatrii Imeni S S Korsakova</i> , 2023, 123, 67.	0.1	2
3280	Association between Coffee Consumption and Brain MRI Parameters in the Hamburg City Health Study. <i>Nutrients</i> , 2023, 15, 674.	1.7	1
3281	Small vessel disease burden predicts functional outcomes in patients with acute ischemic stroke using machine learning. <i>CNS Neuroscience and Therapeutics</i> , 2023, 29, 1024-1033.	1.9	3
3282	Left atrial late gadolinium enhancement in patients with ischaemic stroke. <i>European Heart Journal Cardiovascular Imaging</i> , 0, , .	0.5	0
3283	Impaired damping of cerebral blood flow velocity pulsatility is associated with the number of perivascular spaces as measured with 7T MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2023, 43, 937-946.	2.4	10
3284	Regional White Matter Hyperintensities and Alzheimer's Disease Biomarkers Among Older Adults with Normal Cognition and Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2023, , 1-17.	1.2	1
3285	Association of regional white matter hyperintensities with hypertension and cognition in the population-based <i>1000BRAINS</i> study. <i>European Journal of Neurology</i> , 0, , .	1.7	3
3286	Brain Gray Matter Volume Mediated the Correlation Between Plasma P-Tau and Cognitive Function of Early Alzheimer's Disease in China: A Cross-Sectional Observational Study. <i>Journal of Alzheimer's Disease</i> , 2023, 92, 81-93.	1.2	2
3287	Decreased Cerebrospinal Fluid Amyloid $\beta$ 38, 40, 42, and 43 Levels in Sporadic and Hereditary Cerebral Amyloid Angiopathy. <i>Annals of Neurology</i> , 2023, 93, 1173-1186.	2.8	11
3288	Circulating cardiac biomarkers, structural brain changes, and dementia: Emerging insights and perspectives. <i>Alzheimer's and Dementia</i> , 2023, 19, 1529-1548.	0.4	4
3289	Advances in the Research of Cerebral Small Vessel Disease. <i>Advances in Clinical Medicine</i> , 2023, 13, 4403-4414.	0.0	0
3290	The association between white matter hyperintensities and amyloid and tau deposition. <i>NeuroImage: Clinical</i> , 2023, 38, 103383.	1.4	5

#	ARTICLE	IF	CITATIONS
3291	Alzheimer's and vascular disease classification using regional texture biomarkers in FLAIR MRI. <i>NeuroImage: Clinical</i> , 2023, 38, 103385.	1.4	4
3292	White Matter Lesions Predominantly Located in Deep White Matter Represent Embolic Etiology Rather Than Small Vessel Disease. <i>Dementia and Neurocognitive Disorders</i> , 2023, 22, 28.	0.4	0
3294	Risk factors for early neurologic deterioration in single small subcortical infarction without carrier artery stenosis: predictors at the early stage. <i>BMC Neurology</i> , 2023, 23, .	0.8	1
3295	New Cerebral Microbleeds After Catheter-Based Structural Heart Interventions: An Exploratory Analysis. <i>Journal of the American Heart Association</i> , 2023, 12, .	1.6	0
3296	Leukoaraiosis as a Predictor of Depression and Cognitive Impairment among Stroke Survivors: A Systematic Review. <i>Neurology International</i> , 2023, 15, 238-272.	1.3	8
3297	Relationship between glycemic variability and cognitive function in lacune patients with type 2 diabetes. <i>World Journal of Clinical Cases</i> , 0, 11, 1019-1030.	0.3	3
3298	Critical closing pressure as a new hemodynamic marker of cerebral small vessel diseases burden. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	0
3299	Segmentation of incident lacunes during the course of ischemic cerebral small vessel diseases. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	0
3300	Associations of deep medullary veins with vascular risk factors, laboratory indicators, and cerebral small vessel disease: A population-based study. <i>Brain and Behavior</i> , 2023, 13, .	1.0	1
3301	Carotid-Intima Media Thickness and White Matter Hyperintensities Severity Among Older Adults of Amerindian Ancestry. <i>Stroke</i> , 2023, 54, .	1.0	0
3302	Cerebral Venous Reflux and Cerebral Amyloid Angiopathy: An Magnetic Resonance Imaging/Positron Emission Tomography Study. <i>Stroke</i> , 2023, 54, 1046-1055.	1.0	1
3303	The performance of patients with cerebral microbleeds in different cognitive tests: A cross-sectional study. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	1.7	0
3304	Applications of generative adversarial networks in neuroimaging and clinical neuroscience. <i>NeuroImage</i> , 2023, 269, 119898.	2.1	12
3305	Review of in silico models of cerebral blood flow in health and pathology. <i>Progress in Biomedical Engineering</i> , 2023, 5, 022003.	2.8	0
3306	Effect of dynamic cerebral autoregulation on the association between deep medullary vein changes and cerebral small vessel disease. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	1
3307	Adherence to a healthy lifestyle and brain structural imaging markers. <i>European Journal of Epidemiology</i> , 2023, 38, 657-668.	2.5	3
3308	Glymphatic pathway in sporadic cerebral small vessel diseases: From bench to bedside. <i>Ageing Research Reviews</i> , 2023, 86, 101885.	5.0	4
3309	Association between visualization of the perivascular space and morphological changes in the brain among the community-dwelling elderly. <i>European Journal of Radiology</i> , 2023, 162, 110792.	1.2	0

#	ARTICLE	IF	CITATIONS
3310	YKL-40 as a novel biomarker related to white matter damage and cognitive impairment in patients with cerebral small vessel disease. <i>Brain Research</i> , 2023, 1807, 148318.	1.1	3
3311	Apathy is associated with striatal atrophy and cognitive impairment in cerebral small vessel disease. <i>Journal of Affective Disorders</i> , 2023, 328, 39-46.	2.0	1
3312	Correlation between insulin resistance and cerebral microbleeds among Chinese patients with cerebral small vessel disease. <i>Journal of Clinical Neuroscience</i> , 2023, 111, 1-5.	0.8	0
3313	Brain perivascular space imaging across the human lifespan. <i>NeuroImage</i> , 2023, 271, 120009.	2.1	9
3314	In vivo detection of penetrating arteriole alterations in cerebral white matter in patients with diabetes with 7ÅT MRI. <i>Magnetic Resonance Imaging</i> , 2023, 100, 84-92.	1.0	2
3315	Poststroke apathy: Major role of cognitive, depressive and neurological disorders over imaging determinants. <i>Cortex</i> , 2023, 160, 55-66.	1.1	3
3316	MRI in the Assessment of Cerebral Small Vessel Disease. <i>Human Physiology</i> , 2022, 48, 938-945.	0.1	0
3317	Sex Differences in Onset and Progression of Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2023, 54, 306-314.	1.0	4
3318	Cognitive phenotypes and factors associated with cognitive decline in a cohort of older patients with atrial fibrillation: The <scp>Stratâ€AF</scp> study. <i>European Journal of Neurology</i> , 2023, 30, 849-860.	1.7	2
3319	Hypertension Correlates With Stronger Blood Flow Pulsatility in Small Perforating Cerebral Arteries Assessed With 7 Tesla Magnetic Resonance Imaging. <i>Hypertension</i> , 2023, 80, 802-810.	1.3	4
3320	Aspirin Therapy, Cognitive Impairment, and Dementiaâ€™A Review. <i>Future Pharmacology</i> , 2023, 3, 144-161.	0.6	3
3321	Association of sleep behaviors with white matter hyperintensities and microstructural injury: a cross-sectional and longitudinal analysis of 26 354 participants. <i>Sleep</i> , 2023, 46, .	0.6	5
3322	Subclinical Hypothyroidism is Associated with Cognitive Impairment in Patients with Cerebral Small Vessel Disease. <i>Neuropsychiatric Disease and Treatment</i> , 0, Volume 19, 303-310.	1.0	1
3323	Cerebrospinal Fluid Panel of Synaptic Proteins in Cerebral Amyloid Angiopathy and Alzheimerâ€™s Disease. <i>Journal of Alzheimer's Disease</i> , 2023, 92, 467-475.	1.2	2
3324	Obstructive sleep apnea is associated with markers of cerebral small vessel disease in a dose-response manner: A systematic review and meta-analysis. <i>Sleep Medicine Reviews</i> , 2023, 68, 101763.	3.8	6
3325	The relevance of serum macrophage migratory inhibitory factor and cognitive dysfunction in patients with cerebral small vascular disease. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	1.7	2
3327	Impaired oxygen extraction and adaptation of intracellular energy metabolism in cerebral small vessel disease. <i>Cerebral Circulation - Cognition and Behavior</i> , 2023, 4, 100162.	0.4	1
3329	Cerebral Small Vessel Disease Progression Increases Risk of Incident Parkinsonism. <i>Annals of Neurology</i> , 2023, 93, 1130-1141.	2.8	4

#	ARTICLE	IF	CITATIONS
3330	Protocol for Multi-modality MEdical imaging sTudy bAsed on KaiLuan Study (META-KLS): rationale, design and database building. <i>BMJ Open</i> , 2023, 13, e067283.	0.8	2
3331	Differences in Gray Matter Volume in Cerebral Small Vessel Disease Patients with and without Sleep Disturbance. <i>Brain Sciences</i> , 2023, 13, 294.	1.1	2
3332	Association of Interleukin-6 and Interleukin-8 with Cognitive Decline in an Asian Memory Clinic Population. <i>Journal of Alzheimer's Disease</i> , 2023, 92, 445-455.	1.2	3
3333	White matter hyperintensities in cholinergic pathways are associated with dementia severity in e4 carriers but not in non-carriers. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	2
3334	Unsupervised machine learning model to predict cognitive impairment in subcortical ischemic vascular disease. <i>Alzheimer's and Dementia</i> , 2023, 19, 3327-3338.	0.4	1
3335	Implication of heart rate variability on cerebral small vessel disease: A potential therapeutic target. <i>CNS Neuroscience and Therapeutics</i> , 2023, 29, 1379-1391.	1.9	4
3337	Associations of Life's Simple 7 with cerebral white matter hyperintensities and microstructural integrity: <sc>UK</sc> Biobank cohort study. <i>European Journal of Neurology</i> , 2023, 30, 1200-1208.	1.7	0
3338	Xanthine oxidase inhibition and white matter hyperintensity progression following ischaemic stroke and transient ischaemic attack (XILO-FIST): a multicentre, double-blinded, randomised, placebo-controlled trial. <i>EClinicalMedicine</i> , 2023, 57, 101863.	3.2	3
3339	Asymptomatic cerebral small vessel disease in adults with low cardiovascular risk. <i>BMJ Neurology Open</i> , 2023, 5, e000356.	0.7	0
3340	Associations of Neurodegeneration Biomarkers in Cerebrospinal Fluid with Markers of Alzheimer's Disease and Vascular Pathology. <i>Journal of Alzheimer's Disease</i> , 2023, 92, 887-898.	1.2	1
3341	Small-vessel disease in the brain. <i>American Heart Journal Plus</i> , 2023, 27, 100277.	0.3	1
3342	Associations between Autonomic Function and Cognitive Performance among Patients with Cerebral Small Vessel Disease. <i>Brain Sciences</i> , 2023, 13, 344.	1.1	3
3343	Systemic Immune-Inflammation Index is Associated with Cerebral Small Vessel Disease Burden and Cognitive Impairment. <i>Neuropsychiatric Disease and Treatment</i> , 0, Volume 19, 403-413.	1.0	2
3344	Exosomal miR-320e as a Novel Potential Biomarker for Cerebral Small Vessel Disease. <i>International Journal of General Medicine</i> , 0, Volume 16, 641-655.	0.8	2
3345	Clinical features and FLAIR radiomics nomogram for predicting functional outcomes after thrombolysis in ischaemic stroke. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	1
3347	White Matter Hyperintensities of the Corpus Callosum Are Associated With Clinical Severity in CADASIL. <i>Stroke</i> , 2023, 54, .	1.0	2
3348	Stroke and Vascular Cognitive Impairment: The Role of Intestinal Microbiota Metabolite TMAO. <i>CNS and Neurological Disorders - Drug Targets</i> , 2024, 23, 102-121.	0.8	7
3349	Targeting cerebral small vessel disease to promote healthy aging: Preserving physical and cognitive functions in the elderly. <i>Archives of Gerontology and Geriatrics</i> , 2023, 110, 104982.	1.4	3

#	ARTICLE	IF	CITATIONS
3350	Increased low frequency fluctuation in the brain after acupuncture treatment in CSVDCI patients: A randomized control trial study. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	0
3351	Cerebral Small Vessel Diseaseâ€œRelated Dementia: More Questions Than Answers. <i>Stroke</i> , 2023, 54, 648-660.	1.0	8
3352	Cerebral microangiopathy in men with obstructive sleep apnea syndrome. <i>Zhurnal Nevrologii I Psikhiiatrii Imeni S S Korsakova</i> , 2023, 123, 66.	0.1	0
3355	Altered neuroimaging patterns of cerebellum and cognition underlying the gait and balance dysfunction in cerebral small vessel disease. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	1.7	2
3356	Haptoglobin genotype and its relation to asymptomatic cerebral small-vessel disease in type 1 diabetes. <i>Acta Diabetologica</i> , 0, , .	1.2	0
3357	Neurovascular Emergencies in Geriatric Patients. <i>Practical Issues in Geriatrics</i> , 2023, , 37-72.	0.3	0
3358	Development of a home-based cognitive test for cognitive monitoring in subjective cognitive decline with high risk of Alzheimerâ€™s disease. <i>Medicine (United States)</i> , 2023, 102, e33096.	0.4	0
3359	Hypertension, cerebral Amyloid, aGe Associated Known neuroimaging markers of cerebral small vessel disease Undertaken with stroke REgistry (HAGAKURE) prospective cohort study: Baseline characteristics and association of cerebral small vessel disease with prognosis in an ischemic stroke cohort. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	1.7	1
3361	Deep learning based detection of enlarged perivascular spaces on brain MRI. <i>NeuroImage Reports</i> , 2023, 3, 100162.	0.5	6
3362	Inflammatory biomarkers and MRI visible perivascular spaces: The Framingham Heart Study. <i>Neurobiology of Aging</i> , 2023, 127, 12-22.	1.5	2
3363	Polygenic risk of type 2 diabetes is associated with incident vascular dementia: a prospective cohort study. <i>Brain Communications</i> , 2023, 5, .	1.5	2
3365	Central arterial stiffness, brain white matter hyperintensity and total brain volume across the adult lifespan. <i>Journal of Hypertension</i> , 2023, 41, 819-829.	0.3	4
3366	Cerebral small-vessel disease at high altitude: A comparison of patients from plateau and plain. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	0
3367	Association between total cerebral small vessel disease score and cognitive function in patients with vascular risk factors. <i>Hypertension Research</i> , 2023, 46, 1326-1334.	1.5	1
3368	Ischemic stroke recurrence and mortality in different imaging phenotypes of ischemic cerebrovascular disease: The SMART-MR Study. <i>European Stroke Journal</i> , 0, , 239698732311621.	2.7	0
3369	Neuroinflammation and amyloid deposition in the progression of mixed Alzheimer and vascular dementia. <i>NeuroImage: Clinical</i> , 2023, 38, 103373.	1.4	0
3370	Total Cerebral Small Vessel Disease Burden Predicts the Outcome of Acute Stroke Patients after Intra-Arterial Thrombectomy. <i>Cerebrovascular Diseases</i> , 2023, 52, 616-623.	0.8	1
3371	Magnetic-resonance imaging semiology of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL) in subjects from Russian Federation. <i>Russian Neurological Journal</i> , 2023, 28, 13-24.	0.1	0

#	ARTICLE	IF	CITATIONS
3372	Associations of macular microvascular parameters with cerebral small vessel disease in rural older adults: A population-based OCT angiography study. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	4
3373	Sleep quality, perivascular spaces and brain health markers in ageing - A longitudinal study in the Lothian Birth Cohort 1936. <i>Sleep Medicine</i> , 2023, 106, 123-131.	0.8	6
3374	Association of abnormal p-wave parameters with brain MRI morphology: The atherosclerosis risk in communities neurocognitive study (ARIC-NCNS)*. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2023, 46, 951-959.	0.5	1
3375	Infarct growth velocity predicts early neurological outcomes in single subcortical infarction. <i>Scientific Reports</i> , 2023, 13, .	1.6	1
3376	Features of early diagnosis of cerebral small vessels disease in the elderly: Clinical neurovisualization correlations. <i>Radiation Diagnostics Radiation Therapy</i> , 2022, 13, 12-33.	0.2	0
3377	Morphological predictors of neurological deterioration in patients with acute isolated pontine infarct. <i>Acta Neurologica Belgica</i> , 0, , .	0.5	0
3378	Brain Changes in Diabetes and Cognitive Dysfunction. <i>Contemporary Diabetes</i> , 2023, , 381-395.	0.0	0
3379	Apathy in Patients With Cerebral Amyloid Angiopathy. <i>Neurology</i> , 2023, 100, .	1.5	1
3381	NOTCH2NLC GGC Repeat Expansion in Patients With Vascular Leukoencephalopathy. <i>Stroke</i> , 0, , .	1.0	0
3384	Higher Functional Connectivity of Ventral Attention and Visual Network to Maintain Cognitive Performance in White Matter Hyperintensity. , 2022, .		1
3385	Echocardiographic correlates of MRI imaging markers of cerebral small-vessel disease in patients with atrial-fibrillation-related ischemic stroke. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	0
3386	Changes in Cardiovascular Health Across Midlife and Late-Life and Magnetic Resonance Imaging Markers of Cerebral Vascular Disease in Late-Life. <i>Stroke</i> , 2023, 54, 1280-1288.	1.0	1
3387	Cerebral Small Vessel Disease Burden Predicts Neurodegeneration and Clinical Progression in Prodromal Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2023, , 1-12.	1.2	0
3388	Age-related white matter hyperintensities and overactive bladder: A systematic review. <i>Neurourology and Urodynamics</i> , 2023, 42, 1088-1100.	0.8	2
3389	Alterations in Dynamic Functional Connectivity in Patients with Cerebral Small Vessel Disease. <i>Translational Stroke Research</i> , 0, , .	2.3	0
3391	Magnetic resonance brain volumetry biomarkers of CLN2 Batten disease identified with miniswine model. <i>Scientific Reports</i> , 2023, 13, .	1.6	1
3392	Methylenetetrahydrofolate reductase polymorphisms and elevated plasma homocysteine levels in small vessel disease. <i>Brain and Behavior</i> , 2023, 13, .	1.0	2
3393	Culprit Plaques of Large Parent Arteries, Rather than Cerebral Small Vessel Disease, Contribute to Early Neurological Deterioration in Stroke Patients with Intracranial Branch Atheromatous Disease. <i>Cerebrovascular Diseases</i> , 2024, 53, 88-97.	0.8	3

#	ARTICLE	IF	CITATIONS
3394	The etiology and evolution of magnetic resonance imaging-visible perivascular spaces: Systematic review and meta-analysis. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	6
3395	Women's reproductive traits and cerebral small-vessel disease: A two-sample Mendelian randomization study. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	1
3396	Gait and falls in cerebral small vessel disease: a systematic review and meta-analysis. <i>Age and Ageing</i> , 2023, 52, .	0.7	9
3397	Value of white matter hyperintensity volume and total white matter volume for evaluating cognitive impairment in patients with cerebral small-vessel disease. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	1.7	1
3399	Associations between computed tomography markers of cerebral small vessel disease and hemorrhagic transformation after intravenous thrombolysis in acute ischemic stroke patients. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	2
3400	Peak width of skeletonized mean diffusivity and cognitive performance in cerebral amyloid angiopathy. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	1
3402	Cerebral Microinfarcts Are Common in Undiagnosed Lung Cancer Patients: A Population-Based Study. <i>Acta Neurologica Scandinavica</i> , 2023, 2023, 1-7.	1.0	1
3403	The Relevance of Serum Macrophage Migration Inhibitory Factor Level and Executive Function in Patients with White Matter Hyperintensity in Cerebral Small Vessel Disease. <i>Brain Sciences</i> , 2023, 13, 616.	1.1	1
3404	Vessel distance mapping: A novel methodology for assessing vascular-induced cognitive resilience. <i>NeuroImage</i> , 2023, 274, 120094.	2.1	2
3406	Iatrogenic Cerebral Amyloid Angiopathy Post Neurosurgery: Frequency, Clinical Profile, Radiological Features, and Outcome. <i>Stroke</i> , 2023, 54, 1214-1223.	1.0	13
3407	Artificial Intelligence in Acute Ischemic Stroke Subtypes According to Toast Classification: A Comprehensive Narrative Review. <i>Biomedicines</i> , 2023, 11, 1138.	1.4	8
3408	Diagnosis and Management of Cerebral Small Vessel Disease. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2023, 29, 501-518.	0.4	0
3409	The Correlation of Altered Topological Properties of Brain Structural Networks and Cognitive Impairment in Patients with Different Total Cerebral Small Vessel Disease Burden. <i>Advances in Clinical Medicine</i> , 2023, 13, 5282-5291.	0.0	0
3410	Association of candidate genetic variants and circulating levels of ApoE/ApoJ with common neuroimaging features of cerebral amyloid angiopathy. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	1.7	3
3411	Impaired glymphatic system as evidenced by low diffusivity along perivascular spaces is associated with cerebral small vessel disease: a population-based study. <i>Stroke and Vascular Neurology</i> , 2023, 8, e002191.	1.5	9
3412	Frequency of deep-seated cerebral microbleeds in patients with lobar hemorrhages and histopathological evidence for cerebral amyloid angiopathy. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	0
3413	Gadolinium-based imaging of the blood brain barrier and brain waste clearance pathways. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2023, , 143-172.	0.0	0
3414	Lupus. <i>Advances in Magnetic Resonance Technology and Applications</i> , 2023, , 425-443.	0.0	0



#	ARTICLE	IF	CITATIONS
3415	Visualizing Cerebral Small Vessel Degeneration During Aging and Diseases Using Magnetic Resonance Imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 58, 1323-1337.	1.9	2
3416	Genomics of perivascular space burden unravels early mechanisms of cerebral small vessel disease. <i>Nature Medicine</i> , 2023, 29, 950-962.	15.2	14
3417	Taxifolin for Cognitive Preservation in Patients with Mild Cognitive Impairment or Mild Dementia. <i>Journal of Alzheimer's Disease</i> , 2023, 93, 743-754.	1.2	2
3418	The Association between Ankle-Brachial Index/Pulse Wave Velocity and Cerebral Large and Small Vessel Diseases in Stroke Patients. <i>Diagnostics</i> , 2023, 13, 1455.	1.3	1
3419	Functional connectivity in older adults – the effect of cerebral small vessel disease. <i>Brain Communications</i> , 0, , .	1.5	1
3420	Cerebral Small Vessel Disease Progression and the Risk of Dementia: A 14-Year Follow-Up Study. <i>American Journal of Psychiatry</i> , 2023, 180, 508-518.	4.0	4
3421	Early Subacute White Matter Hyperintensities and Recovery of Language After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2023, 37, 218-227.	1.4	1
3422	Interaction between cerebral small vessel disease, blood pressure, and remote ischemic lesions in acute spontaneous intracerebral hemorrhage. <i>European Stroke Journal</i> , 0, , 239698732311709.	2.7	0
3423	Paranasal sinus occupancy assessed from magnetic resonance images – associations with clinical indicators in patients with systemic lupus erythematosus. <i>Rheumatology</i> , 2024, 63, 149-157.	0.9	2
3443	The Future of Ischemic Stroke Diagnosis and a Review of Underrecognized Ischemic Stroke Etiologies. <i>Neurotherapeutics</i> , 2023, 20, 613-623.	2.1	0
3479	Epileptogenicity of white matter lesions in cerebral small vessel disease: a systematic review and meta-analysis. <i>Journal of Neurology</i> , 0, , .	1.8	1
3553	Machine Learning for Cerebrovascular Disorders. <i>Neuroinformatics</i> , 2023, , 921-961.	0.2	0
3554	Machine Learning for Alzheimer's Disease and Related Dementias. <i>Neuroinformatics</i> , 2023, , 807-846.	0.2	1
3570	Left ventricular hypertrophy and left atrial size are associated with ischemic strokes among non-vitamin K antagonist oral anticoagulant users. <i>Journal of Neurology</i> , 0, , .	1.8	1
3586	Activity Recognition. , 2023, , 659-680.		0
3605	The use of neuroimaging techniques in the early and differential diagnosis of dementia. <i>Molecular Psychiatry</i> , 2023, 28, 4084-4097.	4.1	2
3627	Associations of C-reactive protein with depressive symptoms over time after mild to moderate ischemic stroke in the PROSCIS-B cohort. <i>Journal of Neurology</i> , 2024, 271, 909-917.	1.8	1
3641	Domain-specific neuropsychological investigation of CAA with and without intracerebral haemorrhage. <i>Journal of Neurology</i> , 2023, 270, 6124-6132.	1.8	2

#	ARTICLE	IF	CITATIONS
3661	Neuroimaging determinants of cognitive impairment in the memory clinic: how important is the vascular burden?. <i>Journal of Neurology</i> , 0, , .	1.8	0
3665	Assessment of Hypertension-Mediated Organ Damage. , 2024, , 229-242.		0
3681	Clinical and neuroimaging review of monogenic cerebral small vessel disease from the prenatal to adolescent developmental stage. <i>Japanese Journal of Radiology</i> , 0, , .	1.0	0
3686	Cerebral Small Vessel Disease: a Review of the Pathophysiological Mechanisms. <i>Translational Stroke Research</i> , 0, , .	2.3	2
3694	Editorial: Epilepsy and dementia in stroke survivors. <i>Frontiers in Neurology</i> , 0, 14, .	1.1	0
3713	Relationships between intracranial arterial dolichoectasia and small vessel disease in patients with ischaemic stroke: a systematic review and meta-analysis. <i>Journal of Neurology</i> , 0, , .	1.8	0
3748	Current Approaches in Narrative Medical Visualization. , 2023, , 95-116.		0
3794	Enlarged Perivascular Space and Index for Diffusivity Along the Perivascular Space as Emerging Neuroimaging Biomarkers of Neurological Diseases. <i>Cellular and Molecular Neurobiology</i> , 2024, 44, .	1.7	0
3801	Imaging of brain barrier inflammation and brain fluid drainage in human neurological diseases. <i>Cellular and Molecular Life Sciences</i> , 2024, 81, .	2.4	1
3825	Prevalence, clinical characteristics, and risk factors of intracerebral haemorrhage in CADASIL: a case series and systematic review. <i>Journal of Neurology</i> , 0, , .	1.8	0
3855	Cerebral microbleeds and risk of symptomatic hemorrhagic transformation following mechanical thrombectomy for large vessel ischemic stroke. <i>Journal of Neurology</i> , 0, , .	1.8	0