

# Clinical Correlates of White Matter Findings on Cranial 3301 Elderly People

Stroke

27, 1274-1282

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Blood Pressure Lowering for the Prevention of Cognitive Decline in Patients with Cerebrovascular Disease. <i>Clinical and Experimental Hypertension</i> , 1997, 19, 843-855.	1.3	19
2	The Association Of Antihypertensive Agents with MRI White Matter Findings and with Modified Mini-Mental State Examination in Older Adults. <i>Journal of the American Geriatrics Society</i> , 1997, 45, 1423-1433.	2.6	80
3	Cerebral White Matter Changes (Leukoaraiosis), Stroke, and Gait Disturbance. <i>Journal of the American Geriatrics Society</i> , 1997, 45, 1434-1438.	2.6	66
4	Risk factors for microangiopathy-related cerebral damage in the Austrian stroke prevention study. <i>Journal of the Neurological Sciences</i> , 1997, 152, 15-21.	0.6	76
5	Comparison of PET, SPET, neuropsychological and morphological findings in vascular dementia. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1997, 24, 348-349.	2.1	2
7	Cerebral Hypoxia and Ischemia in the Pathogenesis of Dementia After Stroke. <i>Annals of the New York Academy of Sciences</i> , 1997, 826, 433-436.	3.8	23
8	Diagnostic imaging of dementia in the elderly. <i>Archives of Gerontology and Geriatrics</i> , 1997, 25, 5-12.	3.0	1
9	Molecular pathogenesis of sporadic and familial forms of Alzheimer's disease. <i>Trends in Molecular Medicine</i> , 1998, 4, 151-157.	2.6	56
10	Are genetic factors important in the aetiology of leukoaraiosis? Results from a memory clinic population. <i>International Journal of Geriatric Psychiatry</i> , 1998, 13, 585-590.	2.7	46
11	Late paraphrenia: a variant of schizophrenia manifest in late life or an organic clinical syndrome? A review of recent evidence. , 1998, 13, 775-784.		33
12	Vasodilator responses to acetazolamide tested in subtypes of vascular dementia. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 1998, 7, 323-329.	1.6	6
13	AGING AND CEREBROVASCULAR DISEASE. <i>Neurologic Clinics</i> , 1998, 16, 687-711.	1.8	36
14	Silent lacunar infarction on magnetic resonance imaging (MRI): Risk factors. <i>Journal of the Neurological Sciences</i> , 1998, 160, 82-86.	0.6	51
15	Relationship Between Balance and Abnormalities in Cerebral Magnetic Resonance Imaging in Older Adults. <i>Archives of Neurology</i> , 1998, 55, 73.	4.5	110
16	White Matter Changes on CT and MRI: An Overview of Visual Rating Scales. <i>European Neurology</i> , 1998, 39, 80-89.	1.4	244
17	Sex Differences in Brain Aging. <i>Archives of Neurology</i> , 1998, 55, 169.	4.5	426
18	Vascular Dementia: A Contemporary Review of Epidemiology, Diagnosis, Prevention, and Treatment. <i>Journal of the American Geriatrics Society</i> , 1998, 46, 1437-1448.	2.6	100
20	Neuroanatomic and Functional Correlates of Depressed Mood: The Cardiovascular Health Study. <i>American Journal of Epidemiology</i> , 1999, 150, 919-929.	3.4	51

#	ARTICLE	IF	CITATIONS
21	Sulphatides in the Brain of Spontaneously Hypertensive Rats. Clinical and Experimental Hypertension, 1999, 21, 263-274.	1.3	0
22	Relation of education to brain size in normal aging. Neurology, 1999, 53, 189-189.	1.1	201
23	Neuroanatomic Substrates of Late-Life Mental Disorders. Journal of Geriatric Psychiatry and Neurology, 1999, 12, 95-106.	2.3	17
24	Decreased plasma tryptophan associated with deep white matter lesions in elderly subjects. Journal of Neurology, Neurosurgery and Psychiatry, 1999, 66, 100-103.	1.9	21
25	New Insight Into Binswanger Disease. Archives of Neurology, 1999, 56, 1061.	4.5	23
26	Cytopathological alterations and therapeutic approaches in Binswanger's disease. Neuropathology, 1999, 19, 119-128.	1.2	6
27	The prevalence and distribution of white-matter changes on different MRI pulse sequences in a post-stroke cohort. Neuroradiology, 1999, 41, 657-665.	2.2	24
28	A follow-up study of blood pressure and cerebral white matter lesions. Annals of Neurology, 1999, 46, 827-833.	5.3	172
29	AGING AND CARDIOVASCULAR DISEASE. Cardiology Clinics, 1999, 17, 51-65.	2.2	23
30	Midlife cardiovascular risk factors and brain morphology in identical older male twins. Neurology, 1999, 52, 1119-1119.	1.1	108
31	Dutch Normal-Pressure Hydrocephalus Study: the role of cerebrovascular disease. Journal of Neurosurgery, 1999, 90, 221-226.	1.6	152
32	Age-Related Brain Changes Associated with Motor Function in Healthy Older People. Journal of the American Geriatrics Society, 1999, 47, 330-334.	2.6	96
33	Lower Pulmonary Function and Cerebral Subclinical Abnormalities Detected by MRI. Chest, 1999, 116, 150-156.	0.8	69
34	Deep White Matter Lesions on MRI, and Not Silent Brain Infarcts Are Related to Headache and Dizziness of Non-specific Cause in Non-Stroke Japanese Subjects.. Internal Medicine, 2000, 39, 727-731.	0.7	20
35	Relationship of Family History Scores for Stroke and Hypertension to Quantitative Measures of White-Matter Hyperintensities and Stroke Volume in Elderly Males. Neuroepidemiology, 2000, 19, 76-86.	2.3	20
36	Extent of Cerebral White Matter Lesions Is Related to Changes of Circadian Blood Pressure Rhythmicity. Archives of Neurology, 2000, 57, 1302-7.	4.5	48
37	Coronary Artery Calcification in Older Adults with Minimal Clinical or Subclinical Cardiovascular Disease. Journal of the American Geriatrics Society, 2000, 48, 256-263.	2.6	36
38	Periventricular White Matter Hyperintensities on MRI: Correlation With Neuropathologic Findings. Journal of Neuroimaging, 2000, 10, 13-16.	2.0	39

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39	Estrogen Replacement Therapy and MRIâ€Demonstrated Cerebral Infarcts, White Matter Changes, and Brain Atrophy in Older Women: The Cardiovascular Health Study. Journal of the American Geriatrics Society, 2000, 48, 467-472.	2.6	34
40	A Populationâ€Based Study on Motor Performance and White Matter Lesions in Older Women. Journal of the American Geriatrics Society, 2000, 48, 967-970.	2.6	32
41	Cerebral White Matter Lesions and Depressive Symptoms in Elderly Adults. Archives of General Psychiatry, 2000, 57, 1071.	12.3	380
42	Age-related decline in brain white matter anisotropy measured with spatially corrected echo-planar diffusion tensor imaging. Magnetic Resonance in Medicine, 2000, 44, 259-268.	3.0	553
43	Age-related white matter changes and cognitive impairment. Annals of Neurology, 2000, 47, 141-143.	5.3	153
44	Cerebral white matter lesions and cognitive function: The Rotterdam scan study. Annals of Neurology, 2000, 47, 145-151.	5.3	855
46	Do white matter changes contribute to the subsequent development of dementia in patients with mild cognitive impairment? A longitudinal study. International Journal of Geriatric Psychiatry, 2000, 15, 803-812.	2.7	108
47	White matter hyperintensity volume in late-onset and early-onset schizophrenia. International Journal of Geriatric Psychiatry, 2000, 15, 1085-1089.	2.7	34
48	The Influence of Ergotamine Abuse on Psychological and Cognitive Functioning. Cephalalgia, 2000, 20, 462-469.	3.9	13
49	Cardiovascular diseases, health status, brain imaging findings and neuropsychological functioning in neurologically healthy elderly individuals. Archives of Gerontology and Geriatrics, 2000, 30, 115-130.	3.0	48
50	Atrophy and High Intensity Lesions Complementary Neurobiological Mechanisms in Late-Life Major Depression. Neuropsychopharmacology, 2000, 22, 264-274.	5.4	165
51	Vascular risk factors in dementia. Journal of Neurology, 2000, 247, 81-87.	3.6	96
52	Carotid atherosclerosis and cerebral white matter lesions in a population based magnetic resonance imaging study. Journal of Neurology, 2000, 247, 291-296.	3.6	135
53	The two faces of Alzheimer's disease. Journal of Neurology, 2000, 247, 500-505.	3.6	28
54	Atrial fibrillation and the risk of cerebral white matter lesions. Neurology, 2000, 54, 1795-1801.	1.1	119
55	White matter volumes and periventricular white matter hyperintensities in aging and dementia. Neurology, 2000, 54, 838-842.	1.1	130
56	White matter abnormalities in mobility-impaired older persons. Neurology, 2000, 54, 1277-1283.	1.1	160
57	The association between low diastolic blood pressure in middle age and cognitive function in old age. A population-based study. Age and Ageing, 2000, 29, 243-248.	1.6	54

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58	Does leukoaraiosis predict morbidity and mortality?. Neurology, 2000, 54, 90-90.	1.1	104
59	The joint effect of apolipoprotein E epsilon4 and MRI findings on lower- extremity function and decline in cognitive function. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2000, 55, M103-M109.	3.6	56
60	Neurologic correlates of infarction-like lesion location on magnetic resonance imaging in the cardiovascular health study. Journal of Stroke and Cerebrovascular Diseases, 2000, 9, 218-228.	1.6	1
61	Relation between age-related decline in intelligence and cerebral white-matter hyperintensities in healthy octogenarians: a longitudinal study. Lancet, The, 2000, 356, 628-634.	13.7	267
62	NEUROIMAGING IN DEMENTIA. Neurologic Clinics, 2000, 18, 885-901.	1.8	36
63	VASCULAR DEMENTIA, A NEW BEGINNING. Neurologic Clinics, 2000, 18, 951-977.	1.8	67
64	Hipertensi3n arterial y capacidad intelectual. Hipertension Y Riesgo Vascular, 2000, 17, 216-224.	0.6	1
65	Reduced cerebral glucose metabolism in subjects with incidental hyperintensities on magnetic resonance imaging. Journal of the Neurological Sciences, 2000, 176, 21-27.	0.6	21
66	Associations of Subclinical Cardiovascular Disease With Frailty. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2001, 56, M158-M166.	3.6	659
67	MRI and genetic correlates of cognitive function in elders with memory impairment. Neurobiology of Aging, 2001, 22, 449-459.	3.1	48
68	Effects of age on tissues and regions of the cerebrum and cerebellum. Neurobiology of Aging, 2001, 22, 581-594.	3.1	809
69	An overview of common non-alzheimer dementias. Clinics in Geriatric Medicine, 2001, 17, 281-301.	2.6	29
70	Aldosterone synthase ( CYP11B2 ) gene polymorphism and cerebral white matter hyperintensities. Neurology, 2001, 56, 673-675.	1.1	25
71	Cerebral Hyperthermia and Cardiac Surgery: Consequences and Prevention. Seminars in Thoracic and Cardiovascular Surgery, 2001, 13, 176-183.	0.6	18
72	Cluster Analysis and Patterns of Findings on Cranial Magnetic Resonance Imaging of the Elderly. Archives of Neurology, 2001, 58, 635.	4.5	62
73	Silent stroke: pathogenesis, genetic factors and clinical implications as a risk factor. Current Opinion in Neurology, 2001, 14, 77-82.	3.6	34
74	Neuroimaging in dementia and depression. Current Opinion in Psychiatry, 2001, 14, 371-375.	6.3	2
75	DEMENCIA ATTRIBUTABLE TO SUBCORTICAL ISCHEMIC VASCULAR DISEASE. Neurologist, 2001, 7, 208-219.	0.7	3

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76	Silent MRI infarcts and the risk of future stroke. <i>Neurology</i> , 2001, 57, 1222-1229.	1.1	329
77	Relationship of Deep White Matter Hyperintensities and Apolipoprotein E Genotype to Depressive Symptoms in Older Adults Without Clinical Depression. <i>American Journal of Psychiatry</i> , 2001, 158, 878-884.	7.2	112
78	Long-term Blood Pressure Variability and Cerebrovascular Changes on CT in a Community-based Elderly Population.. <i>Journal of Epidemiology</i> , 2001, 11, 190-198.	2.4	6
79	Cognitive Correlates of Human Brain Aging. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2001, 13, 471-485.	1.8	51
80	Cerebral white matter lesions in essential hypertension. <i>Current Hypertension Reports</i> , 2001, 3, 429-433.	3.5	18
81	Serum Carotenoids and Cerebral White Matter Lesions: The Rotterdam Scan Study. <i>Journal of the American Geriatrics Society</i> , 2001, 49, 642-646.	2.6	22
82	Blood pressure variability and leukoaraiosis amount in cerebral small-vessel disease. <i>Acta Neurologica Scandinavica</i> , 2001, 104, 358-363.	2.1	9
83	FLAIR histogram segmentation for measurement of leukoaraiosis volume. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 14, 668-676.	3.4	152
84	Low cerebral blood flow velocity and risk of white matter hyperintensities. <i>Annals of Neurology</i> , 2001, 49, 411-414.	5.3	35
85	Dementia due to subcortical ischemic vascular disease. <i>Clinical Cornerstone</i> , 2001, 3, 40-51.	0.7	78
86	Cerebrovascular and Brain Morphologic Correlates of Mild Cognitive Impairment in the National Heart, Lung, and Blood Institute Twin Study. <i>Archives of Neurology</i> , 2001, 58, 643-7.	4.5	234
87	Prevalence of cerebral white matter lesions in elderly people: a population based magnetic resonance imaging study. The Rotterdam Scan Study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2001, 70, 9-14.	1.9	1,079
88	A prospective study of cerebral white matter abnormalities in older people with gait dysfunction. <i>Neurology</i> , 2001, 57, 990-994.	1.1	281
89	Association of Incident Alzheimer Disease and Blood Pressure Measured From 13 Years Before to 2 Years After Diagnosis in a Large Community Study. <i>Archives of Neurology</i> , 2001, 58, 1640.	4.5	191
90	Cardiovascular risk factors and cognitive decline in middle-aged adults. <i>Neurology</i> , 2001, 56, 42-48.	1.1	793
91	Cerebral white matter lesions and subjective cognitive dysfunction. <i>Neurology</i> , 2001, 56, 1539-1545.	1.1	295
92	Longitudinal study of blood pressure and white matter hyperintensities. <i>Neurology</i> , 2001, 56, 921-926.	1.1	404
93	Neuropsychologic Correlates of Brain White Matter Lesions Depicted on MR Images: 1921 Aberdeen Birth Cohort. <i>Radiology</i> , 2001, 221, 51-55.	7.3	74

#	ARTICLE	IF	CITATIONS
94	Significance of white matter high intensity lesions as a predictor of stroke from arteriolosclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2002, 72, 576-582.	1.9	77
95	Brain function and cognition in a community sample of elderly Latinos. Neurology, 2002, 59, 378-383.	1.1	73
96	Ambulatory blood pressure and brain atrophy in the healthy elderly. Neurology, 2002, 59, 713-719.	1.1	70
97	Cognitive decline and dementia in the elderly hypertensive.. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2002, 3, S32.	1.7	3
98	Cerebral White Matter Lesions, Retinopathy, and Incident Clinical Stroke. JAMA - Journal of the American Medical Association, 2002, 288, 67.	7.4	430
99	Cognitive impairment after stroke. Current Opinion in Neurology, 2002, 15, 79-84.	3.6	45
100	Silent cerebral white matter lesions in middle-aged essential hypertensive patients. Journal of Hypertension, 2002, 20, 519-524.	0.5	90
101	Cranial Computed Tomography Associated with Development of Functional Dependence in a Community-based Elderly Population.. Journal of Epidemiology, 2002, 12, 153-159.	2.4	0
102	Cognitive and Physiologic Correlates of Subclinical Structural Brain Disease in Elderly Healthy Control Subjects. Archives of Neurology, 2002, 59, 1612.	4.5	61
103	Brain structure and cognition in a community sample of elderly Latinos. Neurology, 2002, 59, 383-391.	1.1	109
104	Stroke vs. chronic progressive cerebrovascular disease. Journal of the Neurological Sciences, 2002, 203-204, 67-71.	0.6	2
105	Age-related white matter changes and cognitive impairment. Journal of the Neurological Sciences, 2002, 203-204, 221-225.	0.6	46
106	MRI subcortical hyperintensities in old and very old depressed outpatients. Journal of the Neurological Sciences, 2002, 203-204, 227-233.	0.6	37
107	Magnetic resonance angiographic evidence of sex-linked variations in the circle of Willis and the occurrence of cerebral aneurysms. Journal of Neurosurgery, 2002, 96, 697-703.	1.6	91
108	Demonstrating the case that AD is a vascular disease: epidemiologic evidence. Ageing Research Reviews, 2002, 1, 61-77.	10.9	206
109	Correlation between silent cerebral white matter lesions and left ventricular mass and geometry in essential hypertension. American Journal of Hypertension, 2002, 15, 507-512.	2.0	42
110	A bivariate genetic analysis of cerebral white matter hyperintensities and cognitive performance in elderly male twins. Neurobiology of Aging, 2002, 23, 413-420.	3.1	44
111	The concept of vascular cognitive impairment. Journal of the Neurological Sciences, 2002, 203-204, 11-15.	0.6	52

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112	The Relationship of MRI Subcortical Hyperintensities to Treatment Response in a Trial of Sertraline in Geriatric Depressed Outpatients. American Journal of Geriatric Psychiatry, 2002, 10, 107-111.	1.2	36
113	Vascular dementia revisited: Diagnosis, pathogenesis, treatment, and prevention. Medical Clinics of North America, 2002, 86, 477-499.	2.5	128
114	Structural magnetic resonance imaging in the practical assessment of dementia: beyond exclusion. Lancet Neurology, The, 2002, 1, 13-21.	10.2	337
115	Subcortical ischaemic vascular dementia. Lancet Neurology, The, 2002, 1, 426-436.	10.2	958
116	Magnetic resonance imaging in dementia: a study of brain white matter changes. Acta Radiologica, 2002, 43, 1-32.	1.1	57
117	MR signal intensity of gray matter/white matter contrast and intracranial fat: effects of age and sex. Psychiatry Research - Neuroimaging, 2002, 114, 149-161.	1.8	7
118	Is homocysteine a causal and treatable risk factor for vascular diseases of the brain (cognitive) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 502	5.3	24
119	Periventricular cerebral white matter lesions predict rate of cognitive decline. Annals of Neurology, 2002, 52, 335-341.	5.3	390
120	Vascular parkinsonism: Clinical correlates predicting motor improvement after lumbar puncture. Movement Disorders, 2002, 17, 91-97.	3.9	48
121	Estrogen replacement therapy is associated with less progression of subclinical structural brain disease in normal elderly women: a pilot study. International Journal of Geriatric Psychiatry, 2002, 17, 610-618.	2.7	29
122	Asymptomatic cerebral infarction on brain MR images and cognitive function in elderly diabetic patients. Geriatrics and Gerontology International, 2002, 2, 206-214.	1.5	17
123	Endothelial Cell Activation Is Associated with Cerebral White Matter Lesions in Patients with Cerebrovascular Disease. Annals of the New York Academy of Sciences, 2002, 977, 306-314.	3.8	52
125	Hypertension and dementia. Current Cardiology Reports, 2003, 5, 435-440.	2.9	28
126	Hypertension and cognitive function: Pathophysiologic effects of hypertension on the brain. Current Hypertension Reports, 2003, 5, 255-261.	3.5	127
128	Cognitive efficiency declines over time in adults with Type 1 diabetes: effects of micro- and macrovascular complications. Diabetologia, 2003, 46, 940-948.	6.3	217
129	Prognostic significance of white matter changes in a memory clinic population. Psychiatry Research - Neuroimaging, 2003, 122, 199-206.	1.8	16
130	Mild cognitive impairment: prevalence, prognosis, aetiology, and treatment. Lancet Neurology, The, 2003, 2, 15-21.	10.2	475
131	Comparison of perivascular astrocytic structure between white matter and gray matter of rats. Brain Research, 2003, 992, 294-297.	2.2	10



#	ARTICLE	IF	CITATIONS
132	Emergence and progress of white matter lesion in brain check-up. Acta Neurologica Scandinavica, 2003, 107, 187-194.	2.1	19
133	Ischemic white matter damage and cognitive impairment. Psychogeriatrics, 2003, 3, 11-16.	1.2	0
134	Variability and Validity of a Simple Visual Rating Scale in Grading White Matter Changes on Magnetic Resonance Imaging. Journal of Neuroimaging, 2003, 13, 255-258.	2.0	17
135	Essentials of the Proper Diagnoses of Mild Cognitive Impairment, Dementia, and Major Subtypes of Dementia. Mayo Clinic Proceedings, 2003, 78, 1290-1308.	3.0	187
136	Neck and shoulder pain in 70- to 79-year-old men and women: findings from the Health, Aging and Body Composition Study*1. Spine Journal, 2003, 3, 435-441.	1.3	52
137	High Prevalence of White Matter Hyperintensities in Normal Aging: Relation to Blood Pressure and Cognition. Cortex, 2003, 39, 1093-1105.	2.4	98
138	On the Involvement of Prefrontal Networks in Cognitive Ageing. Cortex, 2003, 39, 1107-1128.	2.4	228
139	Localization of age-associated white matter hyperintensities in late-life depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2003, 27, 539-544.	4.8	99
140	Complicaciones cerebrales en la hipertensi3n arterial. Hipertension Y Riesgo Vascular, 2003, 20, 212-225.	0.6	2
141	Brain white matter lesions detected by magnetic resonsance imaging are associated with balance and gait speed. Journal of Neurology, Neurosurgery and Psychiatry, 2003, 74, 94-98.	1.9	183
142	Cognitive Ability and Brain Structure in Type 1 Diabetes. Diabetes, 2003, 52, 149-156.	0.6	270
143	Increased blood-brain barrier permeability in type II diabetes demonstrated by gadolinium magnetic resonance imaging. Journal of Neurology, Neurosurgery and Psychiatry, 2003, 74, 70-76.	1.9	343
144	Clinical Significance of Brain White Matter Hyperintensities in Young Adults with Psychiatric Illness. Harvard Review of Psychiatry, 2003, 11, 269-283.	2.1	44
145	Serial MR Imaging of Volumes of Hyperintense White Matter Lesions in Elderly Patients: Correlation with Vascular Risk Factors. American Journal of Roentgenology, 2003, 181, 571-576.	2.2	118
146	Cerebral involvement in hypertensive cardiovascular disease. European Heart Journal Supplements, 2003, 5, F19-F25.	0.1	2
147	Progression of Subcortical Ischemic Disease From Vascular Depression to Vascular Dementia. American Journal of Psychiatry, 2003, 160, 1751-1756.	7.2	46
148	T2-weighted image hyperintensities in major depression: focus on the basal ganglia. International Journal of Neuropsychopharmacology, 2003, 6, 215-224.	2.1	17
149	Vascular factors and cognition: toward a prevention of dementia?. Journal of Hypertension, 2003, 21, S15-S19.	0.5	3

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150	Imaging the Normal Aging Brain. The Neuroradiology Journal, 2003, 16, 91-99.	0.1	1
151	"Successful Aging"&lt;sub>title&gt;Effect of Subclinical Cardiovascular Disease&lt;/sub>title&gt;. Archives of Internal Medicine, 2003, 163, 2315.	3.8	149
152	Influence of education on the relationship between white matter lesions and cognition. Neurology, 2003, 60, 831-836.	1.1	187
153	Studies of aging, hypertension and cognitive functioning: With contributions from the Maine-Syracuse study. Advances in Cell Aging and Gerontology, 2003, 15, 89-131.	0.1	3
154	The Role of Cerebrovascular Disease in Dementia. Neurologist, 2003, 9, 123-136.	0.7	50
155	Vascular Factors and Risk of Dementia: Design of the Three-City Study and Baseline Characteristics of the Study Population. Neuroepidemiology, 2003, 22, 316-325.	2.3	570
156	White Matter Hyperintensity Progression and Late-Life Depression Outcomes. Archives of General Psychiatry, 2003, 60, 1090.	12.3	212
157	Autoregulation of Blood Pressure and Thought: Preliminary Results of an Application of Brain Imaging to Psychosomatic Medicine. Psychosomatic Medicine, 2003, 65, 384-395.	2.0	38
158	Evidence of Subtle Gray-Matter Pathologic Changes in Healthy Elderly Individuals With Nonspecific White-Matter Hyperintensities. Archives of Neurology, 2003, 60, 1109.	4.5	30
159	Demenz. , 2003, , 882-940.		0
160	Microangiopathic Diseases of the Brain. , 2003, , 363-372.		0
161	Are MRI White Matter Lesions Clinically Significant in the "Old-Old"? Evidence from the Sydney Older Persons Study. Dementia and Geriatric Cognitive Disorders, 2003, 15, 143-150.	1.5	28
162	Migraine as a Risk Factor for Subclinical Brain Lesions. JAMA - Journal of the American Medical Association, 2004, 291, 427.	7.4	845
163	Lifestyles of Older Adults: Can We Influence Cardiovascular Risk in Older Adults?. The American Journal of Geriatric Cardiology, 2004, 13, 153-160.	0.6	25
164	Vascular subcortical syndrome of aging. Reviews in Clinical Gerontology, 2004, 14, 269-282.	0.5	1
165	White matter hyperintensities are significantly associated with cortical atrophy in Alzheimer's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 822-827.	1.9	146
166	Enlarged perivascular spaces are associated with cognitive function in healthy elderly men. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 1519-1523.	1.9	322
167	A fetal circle of Willis is associated with a decreased deep white matter lesion load. Neurology, 2004, 63, 1452-1456.	1.1	31

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168	Timed Executive Functions and White Matter in Aging With and Without Cardiovascular Risk Factors. Reviews in the Neurosciences, 2004, 15, 439-62.	2.9	40
169	Alcohol Consumption and Abnormalities of Brain Structure and Vasculature. The American Journal of Geriatric Cardiology, 2004, 13, 22-28.	0.6	17
170	Effects of White Matter Lesions and Lacunes on Cortical Function. Archives of Neurology, 2004, 61, 1545.	4.5	158
171	Magnetic Resonance Imaging of the Brain in Diabetes. Diabetes, 2004, 53, 687-692.	0.6	237
172	Different progression rates for deep white matter hyperintensities in elderly men and women. Neurology, 2004, 63, 1699-1701.	1.1	88
173	Arterial oxygen saturation, COPD, and cerebral small vessel disease. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 733-736.	1.9	68
174	Left ventricular hypertrophy is associated with cerebral microbleeds in hypertensive patients. Neurology, 2004, 63, 16-21.	1.1	80
175	Cerebral hemodynamics and silent cerebral white matter lesions in middle-aged essential hypertensive patients. Blood Pressure, 2004, 13, 304-309.	1.5	53
176	Cerebral White Matter Changes and Geriatric Syndromes: Is There a Link?. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2004, 59, M818-M826.	3.6	156
177	Measuring progression of cerebral white matter lesions on MRI. Neurology, 2004, 62, 1533-1539.	1.1	164
178	Subthalamic nucleus deep brain stimulation in Parkinson disease patients over age 70 years. Neurology, 2004, 63, 1952-1954.	1.1	124
179	Clinical significance of cerebral white matter lesions in older Asians with suspected dementia. Age and Ageing, 2004, 33, 67-71.	1.6	15
180	White matter lesion progression. Neurology, 2004, 63, 139-144.	1.1	163
181	White matter lesions, cognition, and recurrent hemorrhage in lobar intracerebral hemorrhage. Neurology, 2004, 63, 1606-1612.	1.1	215
182	Effect of Blood Pressure on Cognitive Functions in Elderly Persons. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2004, 59, 1191-1194.	3.6	106
183	Incidence and Prevalence of Dementia in the Cardiovascular Health Study. Journal of the American Geriatrics Society, 2004, 52, 195-204.	2.6	367
185	White matter hyperintensities and rating scales?observer reliability varies with lesion load. Journal of Neurology, 2004, 251, 584-590.	3.6	55
186	High total cerebral blood flow is associated with a decrease of white matter lesions. Journal of Neurology, 2004, 251, 1481-1485.	3.6	28

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187	Neuroimaging in geriatric psychiatry: New developments. <i>Current Psychosis &amp; Therapeutics Reports</i> , 2004, 2, 37-41.	0.1	0
188	Medical comorbidity in late-life depression. <i>International Journal of Geriatric Psychiatry</i> , 2004, 19, 935-943.	2.7	61
189	A standardized method for brain-cutting suitable for both stereology and MRI-brain co-registration. <i>Journal of Neuroscience Methods</i> , 2004, 139, 209-215.	2.5	22
190	Automatic segmentation of different-sized white matter lesions by voxel probability estimation. <i>Medical Image Analysis</i> , 2004, 8, 205-215.	11.6	107
191	Longitudinal Progression of Subclinical Structural Brain Disease in Normal Aging. <i>American Journal of Geriatric Psychiatry</i> , 2004, 12, 190-200.	1.2	48
192	A National Neuroimaging Database. <i>Academic Radiology</i> , 2004, 11, 829-831.	2.5	0
194	Clinical characteristics of magnetic resonance imaging-defined subcortical ischemic depression. <i>Biological Psychiatry</i> , 2004, 55, 390-397.	1.3	209
195	Correlates of quality of life after stroke. <i>Journal of the Neurological Sciences</i> , 2004, 224, 37-41.	0.6	46
196	Factores relacionados con la presencia de lesiones silentes de sustancia blanca cerebral en la hipertensi3n arterial. <i>Hipertension Y Riesgo Vascular</i> , 2004, 21, 4-10.	0.6	2
197	Subclinical Cardiovascular Disease in Older Adults: Insights From the Cardiovascular Health Study. <i>The American Journal of Geriatric Cardiology</i> , 2004, 13, 137-149.	0.6	63
198	Memory and Executive Function in Aging and AD. <i>Neuron</i> , 2004, 44, 195-208.	8.1	1,322
199	Leukoaraiosis and mobility decline: a high resolution magnetic resonance imaging study in older people with mild cognitive impairment. <i>Neuroscience Letters</i> , 2004, 355, 185-188.	2.1	35
200	Silent cerebral white matter lesions and cognitive function in middle-aged essential hypertensive patients*1. <i>American Journal of Hypertension</i> , 2004, 17, 529-534.	2.0	58
201	Probabilistic segmentation of white matter lesions in MR imaging. <i>NeuroImage</i> , 2004, 21, 1037-1044.	4.2	306
202	The topography of white matter hyperintensities on brain MRI in healthy 60- to 64-year-old individuals. <i>NeuroImage</i> , 2004, 22, 144-154.	4.2	278
203	A Volumetric Study of MRI Signal Hyperintensities in Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2004, 12, 606-612.	1.2	33
205	Pathological Aging of the Brain. <i>Topics in Magnetic Resonance Imaging</i> , 2004, 15, 369-389.	1.2	60
206	A National Neuroimaging Database*1A call to action1. <i>Academic Radiology</i> , 2004, 11, 829-831.	2.5	0

#	ARTICLE	IF	CITATIONS
207	Correlates of memory function in community-dwelling elderly: The importance of white matter hyperintensities. Journal of the International Neuropsychological Society, 2004, 10, 371-81.	1.8	30
208	Aspirin Attenuates the Incidence of Silent Brain Lesions in Patients With Nonvalvular Atrial Fibrillation. Circulation Journal, 2004, 68, 410-416.	1.6	26
209	Plasma Total Homocysteine Levels and Cranial Magnetic Resonance Imaging Findings in Elderly Persons. Archives of Neurology, 2004, 61, 67.	4.5	57
210	Current Concepts of Analysis of Cerebral White Matter Hyperintensities on Magnetic Resonance Imaging. Topics in Magnetic Resonance Imaging, 2005, 16, 399-407.	1.2	64
211	Migraine and Cerebral White Matter Lesions. Neurologist, 2005, 11, 19-29.	0.7	62
212	Lung Function and Cognitive Ability in a Longitudinal Birth Cohort Study. Psychosomatic Medicine, 2005, 67, 602-608.	2.0	78
213	VASCULAR COGNITIVE IMPAIRMENT. CONTINUUM Lifelong Learning in Neurology, 2005, 11, 137-153.	0.8	0
214	Cerebral white matter lesions and hypertension status in the elderly Korean: the Ansan Study. Archives of Gerontology and Geriatrics, 2005, 40, 265-273.	3.0	10
215	Age-related signal intensity changes in the corpus callosum: assessment with three orthogonal FLAIR images. European Radiology, 2005, 15, 2304-2311.	4.5	6
216	Clinical significance of subcortical vascular disease in patients with mild cognitive impairment. European Journal of Neurology, 2005, 12, 125-130.	3.3	43
217	Subclinical Brain Magnetic Resonance Imaging Abnormalities Predict Physical Functional Decline in High-Functioning Older Adults. Journal of the American Geriatrics Society, 2005, 53, 649-654.	2.6	199
218	Dementia and Alzheimer's Disease Incidence in Relationship to Cardiovascular Disease in the Cardiovascular Health Study Cohort. Journal of the American Geriatrics Society, 2005, 53, 1101-1107.	2.6	425
219	Migraine as a Risk Factor for White Matter Lesions, Silent Infarctions, and Ischemic Stroke: The Evidence for a Link. Headache Currents: A Journal for Recent Advances in Headache and Facial Pain, 2005, 2, 62-70.	0.7	1
220	Greater MRI lesion volumes in elderly depressed subjects than in control subjects. Psychiatry Research - Neuroimaging, 2005, 139, 1-7.	1.8	106
221	White matter hyperintensities and chronicity of depression. Journal of Psychiatric Research, 2005, 39, 285-293.	3.1	56
222	White matter lesions on magnetic resonance imaging and their relationship with vascular risk factors in memory clinic attenders. International Journal of Geriatric Psychiatry, 2005, 20, 274-279.	2.7	67
223	White matter hyperintensities and depression—preliminary results from the LADIS study. International Journal of Geriatric Psychiatry, 2005, 20, 674-679.	2.7	56
224	Pre-existing hypertension and the impact of stroke on cognitive function. Annals of Neurology, 2005, 58, 68-74.	5.3	17

#	ARTICLE	IF	CITATIONS
225	Excellent cognitive performance despite massive cerebral white matter changes. <i>Neuroradiology</i> , 2005, 47, 749-752.	2.2	9
226	Treatment of leukoaraiosis. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2005, 7, 173-177.	0.9	10
227	Migraine and white matter hyperintensities. <i>Current Pain and Headache Reports</i> , 2005, 9, 289-293.	2.9	60
228	Late-life depression, heart failure and frontal white matter hyperintensity: a structural magnetic resonance imaging study. <i>Brazilian Journal of Medical and Biological Research</i> , 2005, 38, 431-436.	1.5	42
229	Cognitive function predicts first-time stroke and heart disease. <i>Neurology</i> , 2005, 64, 1750-1755.	1.1	64
230	Serum anticholinergic activity, white matter hyperintensities, and cognitive performance. <i>Neurology</i> , 2005, 65, 1487-1489.	1.1	28
231	Statins and cognitive function in the elderly. <i>Neurology</i> , 2005, 65, 1388-1394.	1.1	140
232	Ambulatory blood pressure and the brain. <i>Neurology</i> , 2005, 64, 1846-1852.	1.1	91
233	White Matter Lesions Are Prevalent but Differentially Related With Cognition in Aging and Early Alzheimer Disease. <i>Archives of Neurology</i> , 2005, 62, 1870.	4.5	140
234	Brain White Matter Hyperintensities: Relative Importance of Vascular Risk Factors in Nondemented Elderly People. <i>Radiology</i> , 2005, 237, 251-257.	7.3	184
235	White matter hyperintensities are related to physical disability and poor motor function. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 362-367.	1.9	137
236	Central Obesity and the Aging Brain. <i>Archives of Neurology</i> , 2005, 62, 1545-8.	4.5	254
237	Functional Brain Imaging of Cerebrovascular Disease. , 2005, , 181-209.		0
238	Reduced cerebral blood flow response and compensation among patients with untreated hypertension. <i>Neurology</i> , 2005, 64, 1358-1365.	1.1	166
239	Cardiovascular risk factors and cerebral atrophy in a middle-aged cohort. <i>Neurology</i> , 2005, 65, 876-881.	1.1	107
240	Influence of an Early-Onset Age of Type 1 Diabetes on Cerebral Structure and Cognitive Function. <i>Diabetes Care</i> , 2005, 28, 1431-1437.	8.6	208
241	Subthalamic nucleus deep brain stimulation in Parkinson disease patients over age 70 years. <i>Neurology</i> , 2005, 65, 179-180.	1.1	5
242	White matter hyperintensities as a predictor of neuropsychological deficits post-stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 1229-1233.	1.9	112

#	ARTICLE	IF	CITATIONS
243	Cystatin C and Subclinical Brain Infarction. Journal of the American Society of Nephrology: JASN, 2005, 16, 3721-3727.	6.1	121
244	Cognitive Correlates of Cerebral White Matter Lesions and Water Diffusion Tensor Parameters in Community-Dwelling Older People. Cerebrovascular Diseases, 2005, 20, 310-318.	1.7	89
245	Vascular Dementia Prevention: A Risk Factor Analysis. Cerebrovascular Diseases, 2005, 20, 91-100.	1.7	128
246	Total Homocysteine Is Associated With White Matter Hyperintensity Volume. Stroke, 2005, 36, 1207-1211.	2.0	180
247	Impaired lung function and subclinical atherosclerosis. Atherosclerosis, 2005, 180, 367-373.	0.8	69
248	Structural Abnormality on Brain Magnetic Resonance Imaging in Late-Onset Major Depressive Disorder. Kaohsiung Journal of Medical Sciences, 2005, 21, 405-411.	1.9	19
249	Cerebral microembolization after protected carotid artery stenting in surgical high-risk patients: Results of a 2-year prospective study. Journal of Vascular Surgery, 2005, 42, 847-853.	1.1	125
250	Current Perspectives on Management of Co-Morbid Depression in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2005, 2, 185-193.	1.6	44
251	Cerebral microangiopathy in the mosaic of new discoveries. Journal of the Neurological Sciences, 2005, 229-230, 7-12.	0.6	3
252	Does blood pressure lowering treatment prevents dementia or cognitive decline in patients with cardiovascular and cerebrovascular disease?. Journal of the Neurological Sciences, 2005, 229-230, 151-155.	0.6	79
253	Accrual of MRI white matter abnormalities in elderly with normal and impaired mobility. Journal of the Neurological Sciences, 2005, 232, 23-27.	0.6	70
254	2007 Guidelines for the management of arterial hypertension: The Task Force for the Management of Arterial Hypertension of the European Society of Hypertension (ESH) and of the European Society of Cardiology (ESC). European Heart Journal, 2006, 28, 1462-1536.	2.2	1,617
255	Diabetes mellitus and dementia. Diabetes and Metabolism, 2006, 32, 403-414.	2.9	231
256	Higher blood pressure predicts lower regional grey matter volume: Consequences on short-term information processing. NeuroImage, 2006, 31, 754-765.	4.2	117
257	Cerebral white matter lesions predict both ischemic strokes and myocardial infarctions in patients with established atherosclerotic disease. Atherosclerosis, 2006, 186, 166-172.	0.8	52
258	Dementia and Cerebrovascular Disease. Mayo Clinic Proceedings, 2006, 81, 223-230.	3.0	67
259	Regarding "Cerebral microembolization after protected carotid artery stenting in surgical high-risk patients: results of a 2-year prospective study". Journal of Vascular Surgery, 2006, 43, 1314.	1.1	35
260	White Matter Hyperintensities Rather Than Lacunar Infarcts Are Associated With Depressive Symptoms in Older People: The LADIS Study. American Journal of Geriatric Psychiatry, 2006, 14, 834-841.	1.2	141



#	ARTICLE	IF	CITATIONS
261	Psychiatric Disease in the Twenty-First Century: The Case for Subcortical Ischemic Depression. <i>Biological Psychiatry</i> , 2006, 60, 1299-1303.	1.3	52
262	Enhancement of motor rehabilitation through the use of information technologies. <i>Clinical Biomechanics</i> , 2006, 21, 8-20.	1.2	35
263	Reciprocal influence of concurrent walking and cognitive testing on performance in older adults. <i>Gait and Posture</i> , 2006, 24, 182-189.	1.4	29
265	White Matter Lesions and Cognitive Impairment as Silent Cerebral Disease in Hypertension. <i>Scientific World Journal</i> , The, 2006, 6, 494-501.	2.1	18
266	Comprehensive studies of cognitive impairment of the elderly with type 2 diabetes. <i>Geriatrics and Gerontology International</i> , 2006, 6, 159-164.	1.5	8
267	Relationship of deep white matter hyperintensities and cerebral blood flow in severe carotid artery stenosis. <i>European Journal of Neurology</i> , 2006, 13, 10-16.	3.3	29
268	Migraine and stroke - why do we talk about it?. <i>European Journal of Neurology</i> , 2006, 13, 215-219.	3.3	11
269	Apolipoprotein E $\epsilon$ 4 allele is associated with the volume of white matter changes in patients with lacunar infarcts. <i>European Journal of Neurology</i> , 2006, 13, 1216-1220.	3.3	16
270	Cognitive, Extrapyramidal, and Magnetic Resonance Imaging Predictors of Functional Impairment in Nondemented Older Community Dwellers: The Sydney Older Person Study. <i>Journal of the American Geriatrics Society</i> , 2006, 54, 3-10.	2.6	31
271	Prevalence of White Matter Hyperintensities in a Young Healthy Population. <i>Journal of Neuroimaging</i> , 2006, 16, 243-251.	2.0	145
272	Ambulatory blood pressure, asymptomatic cerebrovascular damage and cognitive function in essential hypertension. <i>Journal of Human Hypertension</i> , 2006, 20, 5-13.	2.2	80
273	Plasma $\beta$ -amyloid and white matter lesions in AD, MCI, and cerebral amyloid angiopathy. <i>Neurology</i> , 2006, 66, 23-29.	1.1	340
274	Simple versus complex assessment of white matter hyperintensities in relation to physical performance and cognition: the LADIS study. <i>Journal of Neurology</i> , 2006, 253, 1189-1196.	3.6	109
275	Advances in white matter imaging: A review of in vivo magnetic resonance methodologies and their applicability to the study of development and aging. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 762-774.	6.1	241
276	Cerebral White Matter Hyperintense Lesions are Associated with Unstable Carotid Plaques. <i>European Journal of Vascular and Endovascular Surgery</i> , 2006, 31, 8-13.	1.5	62
277	Silent Cerebral White Matter Lesions and Their Relationship With Vascular Risk Factors in Middle-Aged Predialysis Patients With CKD. <i>American Journal of Kidney Diseases</i> , 2006, 47, 241-250.	1.9	65
278	Cognitive dysfunction associates with white matter hyperintensities and subcortical atrophy on magnetic resonance imaging of the elderly diabetes mellitus Japanese elderly diabetes intervention trial (J-EDIT). <i>Diabetes/Metabolism Research and Reviews</i> , 2006, 22, 376-384.	4.0	136
279	Green Banana*: Dementia Epidemiology Research: It Is Time to Modify the Focus of Research. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006, 61, 1314-1318.	3.6	14



#	ARTICLE	IF	CITATIONS
280	Ischemic demyelination. Neurological Research, 2006, 28, 334-340.	1.3	20
281	Development of a Neuropsychological Battery for the Leukoaraiosis and Disability in the Elderly Study (LADIS): Experience and Baseline Data. Neuroepidemiology, 2006, 27, 101-116.	2.3	67
282	Quantitative Measures of Gait Characteristics Indicate Prevalence of Underlying Subclinical Structural Brain Abnormalities in High-Functioning Older Adults. Neuroepidemiology, 2006, 26, 52-60.	2.3	166
283	Retinal vessel diameters and cerebral small vessel disease: the Rotterdam Scan Study. Brain, 2006, 129, 182-188.	7.6	203
284	Cerebral White Matter Lesions, Risk of Stroke and Cerebrovascular Protection with Angiotensin Receptor Blockers. Current Drug Therapy, 2006, 1, 9-16.	0.3	6
285	Increase in periventricular white matter hyperintensities parallels decline in mental processing speed in a non-demented elderly population. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 77, 149-153.	1.9	246
286	Progression of white matter lesions and hemorrhages in cerebral amyloid angiopathy. Neurology, 2006, 67, 83-87.	1.1	163
287	Does the white matter matter in Alzheimer disease and cerebral amyloid angiopathy?. Neurology, 2006, 66, 6-7.	1.1	23
288	Methodology for measuring cerebrovascular disease burden. International Review of Psychiatry, 2006, 18, 409-422.	2.8	14
289	Lobar Distribution of Lesion Volumes in Late-Life Depression: The Biomedical Informatics Research Network (BIRN). Neuropsychopharmacology, 2006, 31, 1500-1507.	5.4	36
290	Pulmonary Function, Cognitive Impairment and Brain Atrophy in a Middle-Aged Community Sample. Dementia and Geriatric Cognitive Disorders, 2006, 21, 300-308.	1.5	72
291	Neuropsychological characteristics of mild cognitive impairment subgroups. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 77, 159-165.	1.9	150
292	Associations between Findings on Cranial Magnetic Resonance Imaging and Retinal Photography in the Elderly: The Cardiovascular Health Study. American Journal of Epidemiology, 2006, 165, 78-84.	3.4	96
293	Depressive Symptoms, Vascular Disease, and Mild Cognitive Impairment. Archives of General Psychiatry, 2006, 63, 273.	12.3	402
294	Education and the cognitive decline associated with MRI-defined brain infarct. Neurology, 2006, 67, 435-440.	1.1	95
295	Vascular Dementia: Potential of Antiplatelet Agents in Prevention. European Neurology, 2006, 55, 61-69.	1.4	15
296	Cerebral White Matter Hyperintensities on MRI: Current Concepts and Therapeutic Implications. Cerebrovascular Diseases, 2006, 22, 83-90.	1.7	160
297	White Matter Ischemia: Time to Begin Integrating Experimental and Clinical Data. European Neurology, 2006, 56, 71-73.	1.4	16

#	ARTICLE	IF	CITATIONS
298	Age, Hypertension, and Lacunar Stroke Are the Major Determinants of the Severity of Age-Related White Matter Changes. <i>Cerebrovascular Diseases</i> , 2006, 21, 315-322.	1.7	164
299	Stroke Risk of Asymptomatic Intra- and Extracranial Large-Artery Disease in Apparently Healthy Adults. <i>Cerebrovascular Diseases</i> , 2006, 22, 263-270.	1.7	34
300	The Relation of White Matter Hyperintensities to Cognitive Performance in the Normal Old: Education Matters. <i>Aging, Neuropsychology, and Cognition</i> , 2006, 13, 326-340.	1.3	42
301	Brain Imaging in Patients With Diabetes. <i>Diabetes Care</i> , 2006, 29, 2539-2548.	8.6	317
302	Cross-sectional association between homocysteine and motor function in the elderly. <i>Neurology</i> , 2006, 67, 985-990.	1.1	32
303	Brain Aging in Very Old Men With Type 2 Diabetes. <i>Diabetes Care</i> , 2006, 29, 2268-2274.	8.6	172
304	Lacunar lesions are independently associated with disability and cognitive impairment in CADASIL. <i>Neurology</i> , 2007, 69, 172-179.	1.1	129
305	Significant association between leukoaraiosis and metabolic syndrome in healthy subjects. <i>Neurology</i> , 2007, 69, 974-978.	1.1	112
306	Differential impact of cerebral white matter changes, diabetes, hypertension and stroke on cognitive performance among non-disabled elderly. The LADIS study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2007, 78, 1325-1330.	1.9	136
307	White matter changes in dementia: does radiology matter?. <i>British Journal of Radiology</i> , 2007, 80, S115-S120.	2.2	10
308	Gait Variability Is Associated with Subclinical Brain Vascular Abnormalities in High-Functioning Older Adults. <i>Neuroepidemiology</i> , 2007, 29, 193-200.	2.3	172
309	Risk of dementia in stroke-free patients diagnosed with atrial fibrillation: data from a community-based cohort. <i>European Heart Journal</i> , 2007, 28, 1962-1967.	2.2	117
310	Stroke and Its Prevention in Chronic Kidney Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2007, 2, 1343-1351.	4.5	15
311	Cerebrovascular disease and dementia. <i>British Journal of Radiology</i> , 2007, 80, S121-S127.	2.2	55
312	Widespread Effects of Hyperintense Lesions on Cerebral White Matter Structure. <i>American Journal of Roentgenology</i> , 2007, 188, 1695-1704.	2.2	56
313	Arterial Hypertension and Cognitive Dysfunction in Physiologic and Pathologic Aging of the Brain. <i>The American Journal of Geriatric Cardiology</i> , 2007, 16, 158-164.	0.6	13
314	Neuroimaging of White Matter in Aging and Dementia. <i>Clinical Neuropsychologist</i> , 2007, 21, 73-109.	2.3	60
315	Orthostatic hypotension: framework of the syndrome. <i>Postgraduate Medical Journal</i> , 2007, 83, 568-574.	1.8	104

#	ARTICLE	IF	CITATIONS
316	Cortical microinfarcts and demyelination affect cognition in cases at high risk for dementia. <i>Neurology</i> , 2007, 68, 927-931.	1.1	118
317	Cognitive impairment and MRI correlates in the elderly patients with type 2 diabetes mellitus. <i>Age and Ageing</i> , 2007, 36, 164-170.	1.6	135
318	Brain Abnormalities in Patients With Hyperimmunoglobulin E Syndrome. <i>Pediatrics</i> , 2007, 119, e1121-e1125.	2.1	73
319	Brain Lesions on MRI in Elderly Patients with Type 2 Diabetes Mellitus. <i>European Neurology</i> , 2007, 57, 70-74.	1.4	115
320	Cognitive Performance after Lacunar Stroke Correlates with Leukoaraiosis Severity. <i>Cerebrovascular Diseases</i> , 2007, 24, 271-276.	1.7	20
321	Association Between Leukoaraiosis and Saccadic Oscillation. <i>JAMA Otolaryngology</i> , 2007, 133, 245.	1.2	8
322	Metabolic syndrome: A target for preventing leukoaraiosis and age-related dementia?. <i>Neurology</i> , 2007, 69, 951-952.	1.1	11
323	White matter lesions account for all age-related declines in speed but not in intelligence.. <i>Neuropsychology</i> , 2007, 21, 363-370.	1.3	85
324	White Matter Lesions and the Risk of Incident Hip Fracture in Older Persons<sub>title</sub><sub>title</sub>Results From the Progetto Veneto Anziani Study<sub>title</sub><sub>title</sub>. <i>Archives of Internal Medicine</i> , 2007, 167, 1745.	3.8	31
326	Hypertension and Cognitive Function in the Elderly. <i>American Journal of Therapeutics</i> , 2007, 14, 533-554.	0.9	34
327	Cognition and dementia in Type 2 diabetes: brain imaging correlates and metabolic and vascular risk factors. <i>Aging Health</i> , 2007, 3, 361-373.	0.3	3
328	A Regions-of-Interest Volumetric Analysis of Mobility Limitations in Community-Dwelling Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007, 62, 1048-1055.	3.6	151
330	Clinical significance of corpus callosum atrophy in a mixed elderly population. <i>Neurobiology of Aging</i> , 2007, 28, 955-963.	3.1	67
331	White matter grade and ventricular volume on brain MRI as markers of longevity in the cardiovascular health study. <i>Neurobiology of Aging</i> , 2007, 28, 1307-1315.	3.1	81
332	The association of lead exposure and motor performance mediated by cerebral white matter change. <i>NeuroToxicology</i> , 2007, 28, 318-323.	3.0	25
333	Prospective reports of chronic life stress predict decreased grey matter volume in the hippocampus. <i>NeuroImage</i> , 2007, 35, 795-803.	4.2	264
334	Structural and Functional Imaging Correlates for Age-Related Changes in the Brain. <i>Seminars in Nuclear Medicine</i> , 2007, 37, 69-87.	4.6	34
335	The effect of white matter lesions on cognition in the elderly&quot; small but detectable. <i>Nature Clinical Practice Neurology</i> , 2007, 3, 620-627.	2.5	104

#	ARTICLE	IF	CITATIONS
336	Incidental Findings on Brain MRI in the General Population. New England Journal of Medicine, 2007, 357, 1821-1828.	27.0	1,345
337	2007 ESHâ€ESC Guidelines for the management of arterial hypertension. Blood Pressure, 2007, 16, 135-232.	1.5	292
338	Gender differences in dementia risk factors. Gender Medicine, 2007, 4, 120-129.	1.4	156
339	Complex association between congestive heart failure and cognitive dysfunction. Aging Health, 2007, 3, 351-360.	0.3	0
340	Chronic Ischemia and Neurocognition. Neuroimaging Clinics of North America, 2007, 17, 313-324.	1.0	28
341	Do Cerebrovascular Risk Factors Confer Risk for Suicide in Later Life? A Case-Control Study. American Journal of Geriatric Psychiatry, 2007, 15, 541-544.	1.2	31
342	Enrollment in a Brain Magnetic Resonance Study: Results From the Womenâ€™s Health Initiative Memory Study Magnetic Resonance Imaging Study (WHIMS-MRI). Academic Radiology, 2007, 14, 603-612.	2.5	39
343	Sorting out the clinical consequences of ischemic lesions in brain aging: A clinicopathological approach. Journal of the Neurological Sciences, 2007, 257, 17-22.	0.6	34
344	Cognitive and functional impairment in hypertensive brain microangiopathy. Journal of the Neurological Sciences, 2007, 257, 166-173.	0.6	17
346	Subcortical Ischemic Vascular Dementia. Neurologic Clinics, 2007, 25, 717-740.	1.8	135
347	Aging and brain activation with working memory tasks: an fMRI study of connectivity. International Journal of Geriatric Psychiatry, 2007, 22, 332-342.	2.7	31
348	Decreased white matter lesion volume and improved cognitive function after liver transplantation. Hepatology, 2007, 46, 1485-1490.	7.3	78
349	Cognitive dysfunction associated with metabolic syndrome. Obesity Reviews, 2007, 8, 409-418.	6.5	71
350	Subcortical ischaemic changes in young hypertensive patients: frequency, effect on cognitive performance and relationship with markers of endothelial and haemostatic activation. European Journal of Neurology, 2007, 14, 1222-1229.	3.3	7
351	Subcortical cognitive impairment in dialysis patients. Hemodialysis International, 2007, 11, 309-314.	0.9	78
352	High Prevalence of Leukoaraiosis in Cerebral Magnetic Resonance Images of Patients on Peritoneal Dialysis. American Journal of Kidney Diseases, 2007, 50, 98-107.	1.9	73
353	Subclinical Vascular Disease of the Brain in Dialysis Patients. American Journal of Kidney Diseases, 2007, 50, 8-10.	1.9	29
354	Neuroradiological findings in vascular dementia. Neuroradiology, 2007, 49, 1-22.	2.2	50

#	ARTICLE	IF	CITATIONS
355	Intracranial carotid artery calcification on head CT and its association with ischemic changes on brain MRI in patients presenting with stroke-like symptoms: retrospective analysis. <i>Neuroradiology</i> , 2007, 49, 27-33.	2.2	50
356	Automated measurement of brain and white matter lesion volume in type 2 diabetes mellitus. <i>Diabetologia</i> , 2007, 50, 1509-1516.	6.3	131
357	Assessing the cognitive impact of Alzheimer disease pathology and vascular burden in the aging brain: the Geneva experience. <i>Acta Neuropathologica</i> , 2007, 113, 1-12.	7.7	94
358	The enigma of vascular cognitive disorder and vascular dementia. <i>Acta Neuropathologica</i> , 2007, 113, 349-388.	7.7	200
359	An automated procedure for the assessment of white matter hyperintensities by multispectral (T1, T2,) Tj ETQq0 0 0 rgBT /Overlock 10 databases. <i>Neuroradiology</i> , 2008, 50, 31-42.	2.2	86
360	Small vessel versus large vessel vascular dementia. <i>Journal of Neurology</i> , 2008, 255, 1644-1651.	3.6	55
361	The clinical spectrum of freezing of gait in atypical parkinsonism. <i>Movement Disorders</i> , 2008, 23, S431-S438.	3.9	86
362	Neuropathological basis of magnetic resonance images in aging and dementia. <i>Annals of Neurology</i> , 2008, 63, 72-80.	5.3	282
363	Quantitative magnetic resonance imaging analyses and clinical significance of hyperintense white matter lesions in systemic lupus erythematosus patients. <i>Annals of Neurology</i> , 2008, 64, 635-643.	5.3	90
364	Cerebral White Matter. <i>Annals of the New York Academy of Sciences</i> , 2008, 1142, 266-309.	3.8	410
365	Prevalence of CT-detected cerebral abnormalities in an elderly Swedish population sample. <i>Acta Neurologica Scandinavica</i> , 2008, 118, 260-267.	2.1	49
366	White matter lesion severity is associated with reduced cognitive performances in patients with normal CSF A $\beta$ 242 levels. <i>Acta Neurologica Scandinavica</i> , 2008, 118, 373-378.	2.1	11
367	The Impact of Magnetic Resonance Imaging-Detected White Matter Hyperintensities on Longitudinal Changes in Regional Cerebral Blood Flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 190-197.	4.3	48
368	Hyperhomocysteinaemia is a significant risk factor for white matter lesions in Japanese type 2 diabetic patients. <i>European Journal of Neurology</i> , 2008, 15, 289-294.	3.3	13
369	Fractal dimension assessment of brain white matter structural complexity post stroke in relation to upper-extremity motor function. <i>Brain Research</i> , 2008, 1228, 229-240.	2.2	43
370	Associations of microalbuminuria with brain atrophy and white matter hyperintensities in hypertensive sibships. <i>Journal of the Neurological Sciences</i> , 2008, 271, 53-60.	0.6	67
371	White matter lesions in the elderly: Pathophysiological hypothesis on the effect on brain plasticity and reserve. <i>Journal of the Neurological Sciences</i> , 2008, 273, 3-9.	0.6	62
372	Classification of White Matter Lesions on Magnetic Resonance Imaging in Elderly Persons. <i>Biological Psychiatry</i> , 2008, 64, 273-280.	1.3	409

#	ARTICLE	IF	CITATIONS
373	Cognitive Impairment in the Aging Dialysis and Chronic Kidney Disease Populations: An Occult Burden. <i>Advances in Chronic Kidney Disease</i> , 2008, 15, 123-132.	1.4	318
374	Chapter 33 “Silent” cerebral infarcts and microbleeds. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2008, 93, 667-681.	1.8	6
375	Cortical Atrophy and White Matter Hyperintensities in HIV: The Hawaii Aging with HIV Cohort Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2008, 17, 212-217.	1.6	58
376	Subcortical Vascular Lesions Predict Falls at 12 Months in Elderly Patients Discharged From a Rehabilitation Ward. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 1522-1527.	0.9	15
377	Cardiovascular risk factors and dementia. <i>American Journal of Geriatric Pharmacotherapy</i> , 2008, 6, 100-118.	3.0	183
378	Air pollution, cognitive deficits and brain abnormalities: A pilot study with children and dogs. <i>Brain and Cognition</i> , 2008, 68, 117-127.	1.8	450
379	A case-controlled study of cognitive progression in Chinese lacunar stroke patients. <i>Clinical Neurology and Neurosurgery</i> , 2008, 110, 649-656.	1.4	5
380	SPECTCT cerebral perfusion scintigraphy; is the low-dose CT component of diagnostic value?. <i>Clinical Radiology</i> , 2008, 63, 289-298.	1.1	11
381	Self-perceived memory impairment and cognitive performance in an elderly independent population with age-related white matter changes. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 869-873.	1.9	42
382	Patterns of neuropsychological impairment in MCI patients with small subcortical infarcts or hippocampal atrophy. <i>Journal of the International Neuropsychological Society</i> , 2008, 14, 611-619.	1.8	30
383	Computer-Assisted Segmentation of White Matter Lesions in 3D MR Images Using Support Vector Machine. <i>Academic Radiology</i> , 2008, 15, 300-313.	2.5	219
384	The Brain-Derived Neurotrophic Factor VAL66MET Polymorphism and Cerebral White Matter Hyperintensities in Late-Life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2008, 16, 263-271.	1.2	58
385	Association of Type 2 Diabetes With Depression, Brain Atrophy, and Reduced Fine Motor Speed in a 60- to 64-Year-Old Community Sample. <i>American Journal of Geriatric Psychiatry</i> , 2008, 16, 989-998.	1.2	53
386	The Epidemiology of vascular dementia. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2008, 89, 639-658.	1.8	18
387	Cardiovascular Diseases. , 2008, , 43-78.		2
388	White Matter Lesion Subtypes and Cognitive Deficits in Patients with Memory Impairment. <i>Dementia and Geriatric Cognitive Disorders</i> , 2008, 26, 424-431.	1.5	28
389	Fish consumption and risk of subclinical brain abnormalities on MRI in older adults. <i>Neurology</i> , 2008, 71, 439-446.	1.1	84
390	Automated and Visual Scoring Methods of Cerebral White Matter Hyperintensities: Relation with Age and Cognitive Function. <i>Cerebrovascular Diseases</i> , 2008, 25, 59-66.	1.7	47

#	ARTICLE	IF	CITATIONS
391	Association of gait and balance disorders with age-related white matter changes. <i>Neurology</i> , 2008, 70, 935-942.	1.1	374
392	Impact of white matter hyperintensity volume progression on rate of cognitive and motor decline. <i>Neurology</i> , 2008, 71, 108-113.	1.1	217
393	Brain White Matter Hyperintensities Are Associated with Carotid Intraplaque Hemorrhage. <i>Radiology</i> , 2008, 248, 202-209.	7.3	58
394	Subjective cognitive failures and hippocampal volume in elderly with white matter lesions. <i>Neurology</i> , 2008, 71, 1152-1159.	1.1	93
395	Cerebral Blood Flow by Using Pulsed Arterial Spin-Labeling in Elderly Subjects with White Matter Hyperintensities. <i>American Journal of Neuroradiology</i> , 2008, 29, 1296-1301.	2.4	72
396	Cerebrovascular Support for Cognitive Processing in Hypertensive Patients Is Altered by Blood Pressure Treatment. <i>Hypertension</i> , 2008, 52, 65-71.	2.7	34
397	Cerebral White Matter Lesions and Cognitive Function in a Non-demented Chinese Veteran Cohort. <i>Journal of International Medical Research</i> , 2008, 36, 115-122.	1.0	9
398	Magnetic Resonance Imaging White Matter Hyperintensities and Brain Volume in the Prediction of Mild Cognitive Impairment and Dementia. <i>Archives of Neurology</i> , 2008, 65, 94-100.	4.5	196
399	Brain Imaging Findings Predict Blood Pressure Response to Pharmacological Treatment. <i>Hypertension</i> , 2008, 52, 1113-1119.	2.7	21
400	The role of microalbuminuria and insulin resistance as significant risk factors for white matter lesions in Japanese type 2 diabetic patients. <i>Current Medical Research and Opinion</i> , 2008, 24, 1561-1567.	1.9	20
401	Biomarkers of Inflammation and MRI-Defined Small Vessel Disease of the Brain. <i>Stroke</i> , 2008, 39, 1952-1959.	2.0	179
402	Tissue Microstructural Changes Are Independently Associated With Cognitive Impairment in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2008, 39, 1988-1992.	2.0	67
403	Amyloid-Associated Depression. <i>Archives of General Psychiatry</i> , 2008, 65, 542.	12.3	151
404	A Physiologic Index of Comorbidity: Relationship to Mortality and Disability. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2008, 63, 603-609.	3.6	115
405	Brain Morphology in Older African Americans, Caribbean Hispanics, and Whites From Northern Manhattan. <i>Archives of Neurology</i> , 2008, 65, 1053-61.	4.5	225
406	Age-associated losses of brain volume predict longitudinal cognitive declines over 8 to 20 years.. <i>Neuropsychology</i> , 2008, 22, 3-9.	1.3	19
407	Effects of central arterial aging on the structure and function of the peripheral vasculature: implications for end-organ damage. <i>Journal of Applied Physiology</i> , 2008, 105, 1652-1660.	2.5	622
408	Structural neuroimaging: defining the cerebral context for cognitive rehabilitation. , 0, , 124-148.		0



#	ARTICLE	IF	CITATIONS
409	Effects of Hypertension and Hypercholesterolemia on Cognitive Functioning in Patients With Alzheimer Disease. <i>Alzheimer Disease and Associated Disorders</i> , 2008, 22, 336-342.	1.3	52
410	White matter hyperintensities in mid-adult life. <i>Current Opinion in Psychiatry</i> , 2008, 21, 268-274.	6.3	49
411	Subcortical Lacunes Are Associated With Executive Dysfunction in Cognitively Normal Elderly. <i>Stroke</i> , 2008, 39, 397-402.	2.0	110
412	Strategies for molecular imaging dementia and neurodegenerative diseases. <i>Neuropsychiatric Disease and Treatment</i> , 2008, 4, 585.	2.2	31
413	Vascular cognitive impairment: prodrome to VaD?. , 0, , 11-31.		4
414	Cerebrovascular contributions to amnesic mild cognitive impairment. , 0, , 161-171.		0
415	Linking Hippocampal Structure and Function to Memory Performance in an Aging Population. <i>Archives of Neurology</i> , 2009, 66, 1385-92.	4.5	49
416	Management of acute ischemic stroke and its complications. , 0, , 243-257.		0
417	Incidental MRI anomalies suggestive of multiple sclerosis. <i>Neurology</i> , 2009, 72, 800-805.	1.1	509
418	Location of lacunar infarcts correlates with cognition in a sample of non-disabled subjects with age-related white-matter changes: the LADIS study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2009, 80, 478-483.	1.9	102
419	White Matter Lesions and Brain Atrophy: More than Shared Risk Factors? A Systematic Review. <i>Cerebrovascular Diseases</i> , 2009, 28, 227-242.	1.7	104
420	Post-Stroke Depressive Symptoms Are Associated with Post-Stroke Characteristics. <i>Cerebrovascular Diseases</i> , 2009, 28, 551-557.	1.7	57
421	White Matter Abnormalities and Cognition in a Community Sample. <i>Archives of Clinical Neuropsychology</i> , 2009, 24, 209-217.	0.5	52
422	Silent Small-Vessel Cerebrovascular Disease and Silent Myocardial Ischemia in Families with Premature Coronary Disease. <i>Neuroepidemiology</i> , 2009, 33, 66-67.	2.3	6
423	Left ventricular mass increase is associated with cognitive decline and dementia in the elderly independently of blood pressure. <i>European Heart Journal</i> , 2009, 30, 1525-1529.	2.2	63
424	Carotid Artery Abnormalities and Leukoaraiosis in Elderly Patients: Evaluation with MDCT. <i>American Journal of Roentgenology</i> , 2009, 192, W63-W70.	2.2	49
425	Cognitive impairment risk. <i>Neurology</i> , 2009, 73, 120-125.	1.1	105
426	White matter hyperintensities on T2-weighted MRI images among DNA-verified older familial hypercholesterolemia patients. <i>Acta Radiologica</i> , 2009, 50, 320-326.	1.1	8



#	ARTICLE	IF	CITATIONS
427	Functional Consequences of Subcortical White Matter Lesions and MRI-Defined Brain Infarct in an Elderly General Population. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2009, 22, 266-273.	2.3	25
428	Self-Reported Sleep Quality Predicts Poor Cognitive Performance in Healthy Older Adults. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2009, 64B, 180-187.	3.9	292
429	The impact of vascular burden on late-life depression. <i>Brain Research Reviews</i> , 2009, 62, 19-32.	9.0	58
430	Clinical neuroimaging characteristics of dysexecutive mild cognitive impairment. <i>Annals of Neurology</i> , 2009, 65, 414-423.	5.3	85
431	White matter lesions volume and motor performances in the elderly. <i>Annals of Neurology</i> , 2009, 65, 706-715.	5.3	109
432	Resting interhemispheric functional magnetic resonance imaging connectivity predicts performance after stroke. <i>Annals of Neurology</i> , 2010, 67, 365-375.	5.3	657
433	White matter hyperintensities in the forties: Their prevalence and topography in an epidemiological sample aged 44-48. <i>Human Brain Mapping</i> , 2009, 30, 1155-1167.	3.6	160
434	Construction of periventricular white matter hyperintensity maps by spatial normalization of the lateral ventricles. <i>Human Brain Mapping</i> , 2009, 30, 2056-2062.	3.6	4
435	Effects of statins on the progression of cerebral white matter lesion. <i>Journal of Neurology</i> , 2009, 256, 750-757.	3.6	91
436	Pathophysiology of vascular dementia. <i>Immunity and Ageing</i> , 2009, 6, 13.	4.2	54
437	Cerebral white matter hyperintensity is mainly associated with hypertension among the components of metabolic syndrome in Koreans. <i>Clinical Endocrinology</i> , 2009, 71, 184-188.	2.4	16
438	Effects of hormone replacement therapy on magnetic resonance imaging of brain parenchyma hyperintensities in postmenopausal women. <i>Acta Pharmacologica Sinica</i> , 2009, 30, 1065-1070.	6.1	9
439	Subclinical cerebral lesion accumulation on serial magnetic resonance imaging (MRI) in patients with hypertension: risk factors. <i>Acta Neurologica Scandinavica</i> , 2009, 97, 251-256.	2.1	10
440	Prevalence and cognitive impact of cerebrovascular findings in Alzheimer's disease: a retrospective, naturalistic study. <i>International Journal of Clinical Practice</i> , 2009, 63, 338-345.	1.7	10
441	Cerebral Atrophy in Cerebrovascular Disorders. <i>Journal of Neuroimaging</i> , 2010, 20, 213-218.	2.0	28
442	Increased White Matter Signal Hyperintensities in Long-Term Abstinent Alcoholics Compared with Nonalcoholic Controls. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 70-78.	2.4	22
443	Cerebral white matter hyperintensities are not increased in patients with primary Sjögren's syndrome. <i>European Journal of Neurology</i> , 2009, 16, 576-581.	3.3	22
444	Deep frontal and periventricular age related white matter changes but not basal ganglia and infratentorial hyperintensities are associated with falls: cross sectional results from the LADIS study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2009, 80, 608-613.	1.9	127

#	ARTICLE	IF	CITATIONS
445	Plasma level of sICAM-1 is associated with the extent of white matter lesion among asymptomatic elderly subjects. <i>Clinical Neurology and Neurosurgery</i> , 2009, 111, 847-851.	1.4	30
446	A look inside the diabetic brain: Contributors to diabetes-induced brain aging. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2009, 1792, 444-453.	3.8	158
447	Sex differences in the causes and consequences of white matter hyperintensities. <i>Neurobiology of Aging</i> , 2009, 30, 946-956.	3.1	91
448	Hippocampal volume is an independent predictor of cognitive performance in CADASIL. <i>Neurobiology of Aging</i> , 2009, 30, 890-897.	3.1	63
449	Hypertension to heart failure: a pathophysiological spectrum relating blood pressure, drug treatments and stroke. <i>Expert Review of Cardiovascular Therapy</i> , 2009, 7, 703-713.	1.5	15
450	Cerebral white matter lesions in patients with dementia “from MCI to severe Alzheimer’s disease. <i>Journal of the Neurological Sciences</i> , 2009, 283, 79-82.	0.6	47
451	Improved detection of incipient vascular changes by a biotechnological platform combining post mortem MRI in situ with neuropathology. <i>Journal of the Neurological Sciences</i> , 2009, 283, 2-8.	0.6	28
452	The role of homocysteine as a significant risk factor for white matter lesions in Japanese women with rheumatoid arthritis. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 69-73.	3.4	5
453	MRI-Defined Subcortical Ischemic Vascular Disease: Baseline Clinical and Neuropsychological Findings. <i>Cerebrovascular Diseases</i> , 2009, 27, 336-344.	1.7	78
454	Migraine and Patent Foramen Ovale: State of the Science. <i>Critical Care Nursing Clinics of North America</i> , 2009, 21, 471-491.	0.8	6
455	Should memory clinic physicians be independent in assessing neuroimaging of patients with cognitive impairment?. <i>Aging Clinical and Experimental Research</i> , 2009, 21, 264-265.	2.9	1
456	Hyperintense MRI lesions in bipolar disorder: A meta-analysis and review. <i>International Review of Psychiatry</i> , 2009, 21, 394-409.	2.8	117
457	Chapter 2 Subcortical Ischemic Cerebrovascular Dementia. <i>International Review of Neurobiology</i> , 2009, 84, 21-33.	2.0	22
458	Chronic kidney disease, atherosclerosis, and cognitive and physical function in the geriatric group of the National Health and Nutrition Survey 1999–2002. <i>Atherosclerosis</i> , 2009, 202, 312-319.	0.8	22
459	Signal abnormalities on 1.5 and 3 Tesla brain MRI in multiple sclerosis patients and healthy controls. A morphological and spatial quantitative comparison study. <i>NeuroImage</i> , 2009, 47, 1352-1362.	4.2	26
460	Vascular risk factors and dementia. <i>Neurology</i> , 2009, 72, 368-374.	1.1	366
461	Mild cognitive impairment in stroke patients with ischemic cerebral small-vessel disease: a forerunner of vascular dementia?. <i>Expert Review of Neurotherapeutics</i> , 2009, 9, 1201-1217.	2.8	69
462	Gain in Adiposity Across 15 Years is Associated With Reduced Gray Matter Volume in Healthy Women. <i>Psychosomatic Medicine</i> , 2009, 71, 485-490.	2.0	33

#	ARTICLE	IF	CITATIONS
463	Detection of silent cerebrovascular lesions in individuals with "masked" and "white-coat" hypertension by home blood pressure measurement: the Ohasama study. <i>Journal of Hypertension</i> , 2009, 27, 1049-1055.	0.5	20
464	Cortical and Putamen Age-Related Changes in the Microvessel Density and Astrocyte Deficiency in Spontaneously Hypertensive and Stroke-Prone Spontaneously Hypertensive Rats. <i>Current Neurovascular Research</i> , 2009, 6, 279-287.	1.1	21
465	Can hyperlipidemia be protective to the brain? The paradox of lowering lipid levels in cerebrovascular disease. <i>Clinical Lipidology</i> , 2010, 5, 295-298.	0.4	3
466	A Summary Risk Score for the Prediction of Alzheimer Disease in Elderly Persons. <i>Archives of Neurology</i> , 2010, 67, 835-41.	4.5	157
467	Evaluation of Cerebellar and Cerebral Volume in Migraine with Aura: A Stereological Study. <i>Cerebellum</i> , 2010, 9, 345-351.	2.5	9
468	Promotion of the mind through exercise (PROMoTE): a proof-of-concept randomized controlled trial of aerobic exercise training in older adults with vascular cognitive impairment. <i>BMC Neurology</i> , 2010, 10, 14.	1.8	50
469	Relationship of Hypertension, Blood Pressure, and Blood Pressure Control With White Matter Abnormalities in the Women's Health Initiative Memory Study (WHIMS) "MRI Trial. <i>Journal of Clinical Hypertension</i> , 2010, 12, 203-212.	2.0	51
470	Cognitive dysfunction in patients with type 2 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2010, 26, 507-519.	4.0	201
471	Migraine is associated with an increased risk of deep white matter lesions, subclinical posterior circulation infarcts and brain iron accumulation: The population-based MRI CAMERA study. <i>Cephalalgia</i> , 2010, 30, 129-136.	3.9	306
472	Asymptomatic brain magnetic resonance imaging abnormalities in splenectomized adults with thalassemia intermedia. <i>Journal of Thrombosis and Haemostasis</i> , 2010, 8, 54-59.	3.8	72
473	Angiotensin receptor gene polymorphisms and 2-year change in hyperintense lesion volume in men. <i>Molecular Psychiatry</i> , 2010, 15, 816-822.	7.9	21
474	Cobalamin deficiency, hyperhomocysteinemia, and dementia. <i>Neuropsychiatric Disease and Treatment</i> , 2010, 6, 159.	2.2	48
475	Associations between Total Cerebral Blood Flow and Age Related Changes of the Brain. <i>PLoS ONE</i> , 2010, 5, e9825.	2.5	37
476	Vascular Risk Factors: Imaging and Neuropathologic Correlates. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 699-709.	2.6	104
477	Profiles by Sex of Brain MRI and Cognitive Function in the Framingham Offspring Study. <i>Alzheimer Disease and Associated Disorders</i> , 2010, 24, 190-193.	1.3	15
478	White Matter Lesions and Lacunar Infarcts Are Independently and Differently Associated with Brain Atrophy: The SMART-MR Study. <i>Cerebrovascular Diseases</i> , 2010, 29, 28-35.	1.7	48
479	Stroke and Action Slowing: Mechanisms, Determinants and Prognosis Value. <i>Cerebrovascular Diseases</i> , 2010, 29, 508-514.	1.7	40
480	Association of Kidney Dysfunction with Silent Lacunar Infarcts and White Matter Hyperintensity in the General Population: The Ohasama Study. <i>Cerebrovascular Diseases</i> , 2010, 30, 43-50.	1.7	36

#	ARTICLE	IF	CITATIONS
481	Executive Dysfunction and Left Frontal White Matter Hyperintensities Are Correlated with Neuropsychiatric Symptoms in Stroke Patients with Confluent White Matter Hyperintensities. <i>Dementia and Geriatric Cognitive Disorders</i> , 2010, 30, 254-260.	1.5	22
482	Baseline Predictors of Clinical Progression among Patients with Dysexecutive Mild Cognitive Impairment. <i>Dementia and Geriatric Cognitive Disorders</i> , 2010, 30, 344-351.	1.5	30
483	Executive Function, Memory, and Gait Speed Decline in Well-Functioning Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 1093-1100.	3.6	220
484	The clinical importance of white matter hyperintensities on brain magnetic resonance imaging: systematic review and meta-analysis. <i>BMJ: British Medical Journal</i> , 2010, 341, c3666-c3666.	2.3	1,760
485	White matter hyperintensity volume is increased in small vessel stroke subtypes. <i>Neurology</i> , 2010, 75, 1670-1677.	1.1	136
486	Lysophosphatidic Acid Level and the Incidence of Silent Brain Infarction in Patients with Nonvalvular Atrial Fibrillation. <i>International Journal of Molecular Sciences</i> , 2010, 11, 3988-3998.	4.1	15
487	Increased metabolic vulnerability in early-onset Alzheimer's disease is not related to amyloid burden. <i>Brain</i> , 2010, 133, 512-528.	7.6	242
488	Correlation between insulin resistance and white matter lesions among non-diabetic patients with ischemic stroke. <i>Neurological Research</i> , 2010, 32, 743-747.	1.3	21
489	Walking speed and subclinical atherosclerosis in healthy older adults: the Whitehall II study. <i>Heart</i> , 2010, 96, 380-384.	2.9	59
490	Blood Pressure and White-Matter Disease Progression in a Biethnic Cohort. <i>Stroke</i> , 2010, 41, 3-8.	2.0	209
491	White Matter Hyperintensity Burden and Susceptibility to Cerebral Ischemia. <i>Stroke</i> , 2010, 41, 2807-2811.	2.0	37
492	Initial Experience in Using Continuous Arterial Spin-Labeled MR Imaging for Early Detection of Alzheimer Disease. <i>American Journal of Neuroradiology</i> , 2010, 31, 847-855.	2.4	31
493	Distinctive RNA Expression Profiles in Blood Associated With White Matter Hyperintensities in Brain. <i>Stroke</i> , 2010, 41, 2744-2749.	2.0	54
494	Longitudinal Changes in White Matter Disease and Cognition in the First Year of the Alzheimer Disease Neuroimaging Initiative. <i>Archives of Neurology</i> , 2010, 67, 1370.	4.5	216
495	Physical activity predicts gray matter volume in late adulthood. <i>Neurology</i> , 2010, 75, 1415-1422.	1.1	414
496	Prévention cardiovasculaire des démences. <i>Archives Des Maladies Du Cœur Et Des Vaisseaux - Pratique</i> , 2010, 2010, 18-24.	0.0	0
497	Impact of aging on cerebral vasoregulation and parenchymal integrity. <i>Journal of the Neurological Sciences</i> , 2010, 299, 112-115.	0.6	20
498	The challenge of mixed cerebrovascular disease. <i>Annals of the New York Academy of Sciences</i> , 2010, 1207, 18-22.	3.8	21

#	ARTICLE	IF	CITATIONS
499	Pathogenesis of leukoaraiosis: Role of jugular venous reflux. Medical Hypotheses, 2010, 75, 85-90.	1.5	35
500	Determinants of White Matter Hyperintensity Volume in Patients with Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2010, 19, 230-235.	1.6	42
501	Association between plasma high-sensitivity C-reactive protein and insulin resistance and white matter lesions in Japanese type 2 diabetic patients. Diabetes Research and Clinical Practice, 2010, 87, 233-239.	2.8	17
502	Hypertension and Cognitive Function in the Elderly. Disease-a-Month, 2010, 56, 106-147.	1.1	35
503	Impact of MRI markers in subcortical vascular dementia: A multi-modal analysis in CADASIL. Neurobiology of Aging, 2010, 31, 1629-1636.	3.1	124
504	Diffusion Tensor Imaging Changes Correlate with Cognition Better than Conventional MRI Findings in Patients with Subcortical Ischemic Vascular Disease. Dementia and Geriatric Cognitive Disorders, 2010, 30, 317-326.	1.5	47
505	Chronic Cigarette Smoking: Implications for Neurocognition and Brain Neurobiology. International Journal of Environmental Research and Public Health, 2010, 7, 3760-3791.	2.6	179
506	White matter lesions in Parkinson disease. Nature Reviews Neurology, 2011, 7, 229-236.	10.1	180
507	Lesion Explorer: A comprehensive segmentation and parcellation package to obtain regional volumetrics for subcortical hyperintensities and intracranial tissue. NeuroImage, 2011, 54, 963-973.	4.2	117
508	Vascular Contributions to Cognitive Impairment and Dementia. Stroke, 2011, 42, 2672-2713.	2.0	2,989
509	Ischemic Demyelination. , 2011, , 277-291.		1
510	What are the differences between younger and older patients with symptomatic small vessel disease?. Clinical Neurology and Neurosurgery, 2011, 113, 762-767.	1.4	6
511	Cognitive, affective and behavioural disturbances following vascular thalamic lesions: A review. Cortex, 2011, 47, 273-319.	2.4	101
512	Brain aging, Alzheimer's disease, and mitochondria. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1630-1639.	3.8	251
513	Mini Mental State Examination over time in chronic hemodialysis patients. Journal of Psychosomatic Research, 2011, 71, 50-54.	2.6	43
514	Brain regional lesion burden and impaired mobility in the elderly. Neurobiology of Aging, 2011, 32, 646-654.	3.1	51
515	Neurological and endocrinological disorders: orphans in chronic obstructive pulmonary disease. Respiratory Medicine, 2011, 105, S12-S19.	2.9	23
516	The Genetics of White Matter Lesions. CNS Neuroscience and Therapeutics, 2011, 17, 525-540.	3.9	45

#	ARTICLE	IF	CITATIONS
517	Homocysteine and cerebral small vessel disease in patients with symptomatic atherosclerotic disease. The SMART-MR study. <i>Atherosclerosis</i> , 2011, 216, 461-466.	0.8	41
518	Aging and the Cerebral Microvasculature. , 2011, , 347-371.		3
519	Associations between Ambulatory Blood Pressure Parameters and Cerebral White Matter Lesions. <i>International Journal of Hypertension</i> , 2011, 2011, 1-7.	1.3	20
520	Association between Carotid Plaque Characteristics and Cerebral White Matter Lesions: One-Year Follow-Up Study by MRI. <i>PLoS ONE</i> , 2011, 6, e17070.	2.5	24
521	Microvascular brain damage with aging and hypertension. <i>Journal of Hypertension</i> , 2011, 29, 1469-1477.	0.5	127
522	Plasma Fibrinogen, Global Cognitive Function, and Cerebral Small Vessel Disease: Results of a Cross-Sectional Study in Community-Dwelling Japanese Elderly. <i>Internal Medicine</i> , 2011, 50, 999-1007.	0.7	28
524	Time course and risk factors of post-stroke fatigue: a prospective cohort study. <i>European Journal of Neurology</i> , 2011, 18, 611-617.	3.3	116
525	Operational definitions improve reliability of the age-related white matter changes scale. <i>European Journal of Neurology</i> , 2011, 18, 744-749.	3.3	30
526	Pathophysiology of Chronic Migraine and Mode of Action of Preventive Medications. <i>Headache</i> , 2011, 51, 84-92.	3.9	105
527	High Blood Pressure Accelerates Gait Slowing in Well-Functioning Older Adults over 18-Years of Follow-Up. <i>Journal of the American Geriatrics Society</i> , 2011, 59, 390-397.	2.6	94
528	Forced Expiratory Volume in 1 Second and Cognitive Aging in Men. <i>Journal of the American Geriatrics Society</i> , 2011, 59, 1283-1292.	2.6	29
529	White Matter Lesions on Brain Magnetic Resonance Imaging Scan and 5-Year Cognitive Decline: The Honolulu–Asia Aging Study. <i>Journal of the American Geriatrics Society</i> , 2011, 59, 1484-1489.	2.6	45
530	Measurement of Organ Structure and Function Enhances Understanding of the Physiological Basis of Frailty: The Cardiovascular Health Study. <i>Journal of the American Geriatrics Society</i> , 2011, 59, 1581-1588.	2.6	61
531	Renin-angiotensin system blockade and cognitive function in patients at high risk of cardiovascular disease: analysis of data from the ONTARGET and TRANSCEND studies. <i>Lancet Neurology</i> , The, 2011, 10, 43-53.	10.2	177
532	Cerebrovascular Disease and Cognition in Older Adults. <i>Current Topics in Behavioral Neurosciences</i> , 2011, 10, 213-241.	1.7	8
533	MRI-detected white matter lesions: do they really matter?. <i>Journal of Neural Transmission</i> , 2011, 118, 673-681.	2.8	51
534	Correlation between degree of white matter hyperintensities and global gray matter volume decline rate. <i>Neuroradiology</i> , 2011, 53, 397-403.	2.2	13
535	Causes and consequences of cerebral small vessel disease. The RUN DMC study: a prospective cohort study. Study rationale and protocol. <i>BMC Neurology</i> , 2011, 11, 29.	1.8	154

#	ARTICLE	IF	CITATIONS
536	Fully automated pipeline for quantification and localization of white matter hyperintensity in brain magnetic resonance image. International Journal of Imaging Systems and Technology, 2011, 21, 193-200.	4.1	54
537	Leucoaraiosis, nigrostriatal denervation and motor symptoms in Parkinson's disease. Brain, 2011, 134, 2358-2365.	7.6	108
538	Vascular risk factors and longitudinal changes on brain MRI. Neurology, 2011, 76, 1879-1885.	1.1	142
539	Baseline and Longitudinal Increases in Diastolic Blood Pressure Are Associated With Greater White Matter Hyperintensity Volume. Stroke, 2011, 42, 2639-2641.	2.0	65
540	Diastolic Blood Pressure Levels and Ischemic Stroke Incidence in Older Adults With White Matter Lesions. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2011, 66A, 74-81.	3.6	11
541	Arterial Stiffness and Gait Speed in Older Adults With and Without Peripheral Arterial Disease. American Journal of Hypertension, 2011, 24, 90-95.	2.0	54
542	Cerebral Perfusion and Aortic Stiffness Are Independent Predictors of White Matter Brain Atrophy in Type 1 Diabetic Patients Assessed With Magnetic Resonance Imaging. Diabetes Care, 2011, 34, 459-463.	8.6	45
543	White Matter Lesions Are Not Related to $\beta$ -Amyloid Deposition in an Autopsy-Based Study. Current Gerontology and Geriatrics Research, 2011, 2011, 1-5.	1.6	15
544	Genetic Risk Factors for Longitudinal Changes in Structural MRI in Former Organolead Workers. Journal of Aging Research, 2011, 2011, 1-11.	0.9	1
545	Cardiovascular Disease-Related Lifestyle Factors and Longevity. Cardiology Research and Practice, 2011, 2011, 1-2.	1.1	3
546	Connecting Cerebral White Matter Lesions and Hypertensive Target Organ Damage. Journal of Aging Research, 2011, 2011, 1-7.	0.9	18
547	Different Risk Factor Profiles between Silent Brain Infarction and Symptomatic Lacunar Infarction. European Neurology, 2011, 65, 250-256.	1.4	18
548	Current Serum Lipoprotein Levels and fMRI Response to Working Memory in Midlife. Dementia and Geriatric Cognitive Disorders, 2011, 31, 259-267.	1.5	5
549	White matter hyperintensities are associated with an increased risk of stroke, dementia and mortality. Evidence-Based Mental Health, 2011, 14, 1-1.	4.5	4
550	Age-Related White Matter Changes. Journal of Aging Research, 2011, 2011, 1-13.	0.9	103
551	Cardiovascular Prevention of Cognitive Decline. Cardiology Research and Practice, 2011, 2011, 1-7.	1.1	21
552	Hypertension, White Matter Hyperintensities, and Concurrent Impairments in Mobility, Cognition, and Mood. Circulation, 2011, 123, 858-865.	1.6	166
553	Cortical and frontal atrophy are associated with cognitive impairment in age-related confluent white-matter lesion. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 52-57.	1.9	52



#	ARTICLE	IF	CITATIONS
554	Chronic kidney disease, 24-h blood pressure burden and their effects on silent cerebral injury and cognitive impairment: might age serve as a modulator?. Hypertension Research, 2011, 34, 1253-1254.	2.7	3
555	Automatic segmentation of age-related white matter changes on flair images: Method and multicentre validation. , 2011, , .		3
556	Motor Dysfunction Correlates with Frontal White Matter Ischemic Changes in Patients with Leukoaraiosis. Journal of Aging Research, 2011, 2011, 1-6.	0.9	14
557	Relationship Between Depressive Symptoms and Hypogonadism in Men with COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2011, 8, 346-353.	1.6	10
558	Neuroanatomical substrates of age-related cognitive decline.. Psychological Bulletin, 2011, 137, 753-784.	6.1	327
559	Association of Prothrombotic Status With Markers of Cerebral Small Vessel Disease in Elderly Hypertensive Patients. American Journal of Hypertension, 2012, 25, 1088-1094.	2.0	30
560	Contribution of Brain Imaging to the Understanding Of Gait Disorders in Alzheimer's Disease. American Journal of Alzheimer's Disease and Other Dementias, 2012, 27, 371-380.	1.9	47
561	Impact of Subcortical Hyperintensities on Dual-tasking in Alzheimer Disease and Aging. Alzheimer Disease and Associated Disorders, 2012, 26, 28-35.	1.3	13
562	Homocysteine, folate, vitamin B-12, and physical function in older adults: cross-sectional findings from the Singapore Longitudinal Ageing Study. American Journal of Clinical Nutrition, 2012, 96, 1362-1368.	4.7	42
563	Silent Cerebrovascular Damage and Its Early Correlates in Essential Hypertensive Patients. Clinical and Experimental Hypertension, 2012, 34, 510-516.	1.3	0
564	Inter-hemispheric atrophy better correlates with expert ratings than hemispheric cortical atrophy. , 2012, , .		3
565	Antihypertensives for combating dementia? A perspective on candidate molecular mechanisms and population-based prevention. Translational Psychiatry, 2012, 2, e107-e107.	4.8	22
566	Regional grey matter shrinks in hypertensive individuals despite successful lowering of blood pressure. Journal of Human Hypertension, 2012, 26, 295-305.	2.2	68
567	Cross-sectional and longitudinal association between homocysteine, vitamin B12 and physical performance in older persons. European Journal of Clinical Nutrition, 2012, 66, 174-181.	2.9	38
568	Severity of Leukoaraiosis in Large Vessel Atherosclerotic Disease. American Journal of Neuroradiology, 2012, 33, 1591-1595.	2.4	42
569	Brain Structure and Function in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 240-245.	5.6	116
570	Deep <i>versus</i> Periventricular White Matter Lesions and Cognitive Function in a Community Sample of Middle-Aged Participants. Journal of the International Neuropsychological Society, 2012, 18, 874-885.	1.8	47
571	Patterns of Compensation and Vulnerability in Normal Subjects at Risk of Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 33, S427-S438.	2.6	14



#	ARTICLE	IF	CITATIONS
572	Cerebral thrombosis in patients with $\beta^2$ -thalassemia. Blood Coagulation and Fibrinolysis, 2012, 23, 212-217.	1.0	31
573	Microvascular Perfusion Based on Arterial Spin Labeled Perfusion MRI as a Measure of Vascular Risk in Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 32, 677-687.	2.6	21
574	Factors associated with cerebral white matter hyperintensities in haemodialysis patients. Nephrology, 2012, 17, 561-568.	1.6	23
575	Structural Brain Changes in Migraine. JAMA - Journal of the American Medical Association, 2012, 308, 1889.	7.4	197
576	Atherosclerotic calcification relates to cognitive function and to brain changes on magnetic resonance imaging. Alzheimer's and Dementia, 2012, 8, S104-11.	0.8	77
577	Cerebral white matter disease is associated with Alzheimer pathology in a prospective cohort. Alzheimer's and Dementia, 2012, 8, S71-7.	0.8	31
578	Vascular diseases: One pathway toward new conceptual models of dementia. Alzheimer's and Dementia, 2012, 8, S69-70.	0.8	4
579	Age-related cerebral white matter disease (leukoaraiosis): a review. Postgraduate Medical Journal, 2012, 88, 79-87.	1.8	168
580	Current Status and Future Perspectives of Magnetic Resonance High-Field Imaging: A Summary. Neuroimaging Clinics of North America, 2012, 22, 373-397.	1.0	11
581	White matter hyperintensities and impaired choice stepping reaction time in older people. Neurobiology of Aging, 2012, 33, 1177-1185.	3.1	12
582	White matter lesions and brain gray matter volume in cognitively normal elders. Neurobiology of Aging, 2012, 33, 834.e7-834.e16.	3.1	107
583	Long-term cerebral imaging after pre-eclampsia. BJOG: an International Journal of Obstetrics and Gynaecology, 2012, 119, 1117-1122.	2.3	100
584	Relationship Between Chronic Kidney Disease and White Matter Hyperintensities on Magnetic Resonance Imaging. Journal of Stroke and Cerebrovascular Diseases, 2012, 21, 18-23.	1.6	33
585	Silent Infarction or White Matter Hyperintensity and Impaired Attention Task Scores in a Nondemented Population: The Osaki-Tajiri Project. Journal of Stroke and Cerebrovascular Diseases, 2012, 21, 275-282.	1.6	21
586	Inter-individual variation in blood pressure is associated with regional white matter integrity in generally healthy older adults. NeuroImage, 2012, 59, 181-192.	4.2	95
587	The spatial distribution of age-related white matter changes as a function of vascular risk factors—Results from the LADIS study. NeuroImage, 2012, 60, 1597-1607.	4.2	85
588	Cerebrovascular lesions in elderly Japanese patients with Alzheimer's disease. Journal of the Neurological Sciences, 2012, 322, 87-91.	0.6	16
589	Elevated homocysteine is associated with poorer self-perceived physical health in older men: The Health in Men Study. Maturitas, 2012, 73, 158-163.	2.4	6

#	ARTICLE	IF	CITATIONS
590	Genetic architecture of resilience of executive functioning. <i>Brain Imaging and Behavior</i> , 2012, 6, 621-633.	2.1	22
591	Hypertension and Mild Cognitive Impairment. <i>Current Hypertension Reports</i> , 2012, 14, 548-555.	3.5	47
592	Frequency and distribution of asymptomatic brain lesions in patients with $\beta^2$ -thalassemia intermedia. <i>Annals of Hematology</i> , 2012, 91, 1833-1838.	1.8	18
593	Vascular mild cognitive impairment: concept, definition, and directions for future studies. <i>Aging Clinical and Experimental Research</i> , 2012, 24, 113-116.	2.9	27
594	Neurobehavioral aspects of deep hemisphere stroke. , 0, , 221-228.		0
595	Modifiable Vascular Markers for Cognitive Decline and Dementia: The Importance of Arterial Aging and Hemodynamic Factors. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 653-663.	2.6	22
596	Preoperative Cerebral Hypoperfusion in the Left, Not in the Right, Hemisphere Is Associated With Cognitive Decline After Cardiac Surgery. <i>Psychosomatic Medicine</i> , 2012, 74, 73-80.	2.0	34
597	Major risk factors for the appearance of white-matter lesions on MRI in hypertensive patients with controlled blood pressure. <i>Vascular Health and Risk Management</i> , 2012, 8, 169.	2.3	11
598	Leukocyte Telomere Length Is Associated With Noninvasively Measured Age-Related Disease: The Cardiovascular Health Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67A, 409-416.	3.6	71
599	Mixed Cerebrovascular Disease and the Future of Stroke Prevention. <i>Translational Stroke Research</i> , 2012, 3, 39-51.	4.2	34
600	Trajectory of white matter hyperintensity burden preceding mild cognitive impairment. <i>Neurology</i> , 2012, 79, 741-747.	1.1	102
601	Risk of intraparenchymal hemorrhage with magnetic resonance imaging-defined leukoaraiosis and brain infarcts. <i>Annals of Neurology</i> , 2012, 71, 552-559.	5.3	46
602	Cerebral microbleeds and white matter disease: separated at birth?. <i>European Journal of Neurology</i> , 2012, 19, 2-3.	3.3	13
603	Diabetes as a chronic metabolic stressor: Causes, consequences and clinical complications. <i>Experimental Neurology</i> , 2012, 233, 68-78.	4.1	89
604	The relationship between pulse pressure and leukoaraiosis in the elderly. <i>Archives of Gerontology and Geriatrics</i> , 2012, 54, 206-209.	3.0	3
605	Voxel-based relaxometry for cases of an unresolved epilepsy diagnosis. <i>Epilepsy Research</i> , 2012, 99, 46-54.	1.6	4
606	Factors affecting brain structure in men with HIV disease in the post-HAART era. <i>Neuroradiology</i> , 2012, 54, 113-121.	2.2	117
607	Age-dependent association between cigarette smoking on white matter hyperintensities. <i>Neurological Sciences</i> , 2012, 33, 45-51.	1.9	19

#	ARTICLE	IF	CITATIONS
608	Fiber tractâ€specific white matter lesion severity Findings in lateâ€life depression and by <i>AGTR1</i> A1166C genotype. Human Brain Mapping, 2013, 34, 295-303.	3.6	46
609	Cognitive aging affects motor performance and learning. Geriatrics and Gerontology International, 2013, 13, 19-27.	1.5	71
610	Role of 24-Hour Blood Pressure Management in Preventing Kidney Disease and Stroke. Contributions To Nephrology, 2013, 179, 67-80.	1.1	6
611	Low vitamin and carotenoid levels are related to cerebral white matter lesions. Journal of Nutrition, Health and Aging, 2013, 17, 456-460.	3.3	16
612	White matter hyperintensity volume and impaired mobility among older adults. Journal of Neurology, 2013, 260, 884-890.	3.6	25
613	Brain atrophy associations with white matter lesions in the ageing brain: the Lothian Birth Cohort 1936. European Radiology, 2013, 23, 1084-1092.	4.5	71
615	Blood Pressure and Cognition Among Older Adults: A Meta-Analysis. Archives of Clinical Neuropsychology, 2013, 28, 649-664.	0.5	70
616	Risk Factors for the Progression of Mild Cognitive Impairment to Dementia. Clinics in Geriatric Medicine, 2013, 29, 873-893.	2.6	154
617	White Matter Disease. , 2013, , 171-188.		2
618	Brain Regulation of Thrombosis and Hemostasis. Stroke, 2013, 44, 3275-3285.	2.0	64
619	Hypertension, Brain Damage and Cognitive Decline. Current Hypertension Reports, 2013, 15, 547-558.	3.5	153
620	Neuroimaging standards for research into small vessel disease and its contribution to ageing and neurodegeneration. Lancet Neurology, The, 2013, 12, 822-838.	10.2	3,919
621	Investigating the autonomic nervous system and cognitive functions as potential mediators of an association between cardiovascular disease and driving performance. Canadian Journal of Physiology and Pharmacology, 2013, 91, 346-352.	1.4	5
622	Clinical, imaging, and pathological heterogeneity of the Alzheimer's disease syndrome. Alzheimer's Research and Therapy, 2013, 5, 1.	6.2	286
623	Migraine and white matter hyperintensities. Neurology, 2013, 81, 1308-1313.	1.1	101
624	Intracranial deep white matter lesions (DWLs) are associated with chronic kidney disease (CKD) and cognitive impairment: A 5-year follow-up magnetic resonance imaging (MRI) study. Archives of Gerontology and Geriatrics, 2013, 56, 55-60.	3.0	35
625	Global brain atrophy is associated with physical performance and the risk of falls in older adults with cognitive impairment. Geriatrics and Gerontology International, 2013, 13, 437-442.	1.5	21
626	A semi-quantitative method for correlating brain disease groups with normal controls using SPECT: Alzheimer's disease versus vascular dementia. Computerized Medical Imaging and Graphics, 2013, 37, 40-47.	5.8	23

#	ARTICLE	IF	CITATIONS
627	Cognitive aging in persons with minimal amyloid- $\beta^2$ and white matter hyperintensities. <i>Neuropsychologia</i> , 2013, 51, 2202-2209.	1.6	31
628	Association Between Gait Speed as a Measure of Frailty and Risk of Cardiovascular Events After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1964-1972.	2.8	133
629	White Matter Changes on Magnetic Resonance Imaging: A Risk Factor for Stroke in an African Population?. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2013, 22, e227-e233.	1.6	9
630	The dementia and disability project in Thai elderly: rational, design, methodology and early results. <i>BMC Neurology</i> , 2013, 13, 3.	1.8	13
631	Cerebral amyloid angiopathy burden associated with leukoaraiosis: A positron emission tomography/magnetic resonance imaging study. <i>Annals of Neurology</i> , 2013, 73, 529-536.	5.3	131
632	The vascular depression hypothesis: mechanisms linking vascular disease with depression. <i>Molecular Psychiatry</i> , 2013, 18, 963-974.	7.9	671
633	White matter abnormalities associated with Alzheimer's disease and mild cognitive impairment: a critical review of MRI studies. <i>Expert Review of Neurotherapeutics</i> , 2013, 13, 483-493.	2.8	68
634	Diet and Neuroimaging Markers of Cerebrovascular Disease. <i>Current Nutrition Reports</i> , 2013, 2, 81-89.	4.3	6
635	2013 ESH/ESC Guidelines for the management of arterial hypertension. <i>European Heart Journal</i> , 2013, 34, 2159-2219.	2.2	5,681
636	Significance of increased CIMT with coexisting carotid plaques in cerebral white matter lesions in elders. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2013, 33, 69-74.	1.0	3
637	A Short-Term Scan-Rescan Reliability Test Measuring Brain Tissue and Subcortical Hyperintensity Volumetrics Obtained Using the Lesion Explorer Structural MRI Processing Pipeline. <i>Brain Topography</i> , 2013, 26, 35-38.	1.8	26
638	Visit-to-Visit Blood Pressure Variability, Silent Cerebral Injury, and Risk of Stroke. <i>American Journal of Hypertension</i> , 2013, 26, 1369-1376.	2.0	37
639	Leukoaraiosis and NIHSS score help to differentiate subtypes of intracranial branch atheromatous disease in Southern Han Chinese patients with stroke. <i>Neurological Sciences</i> , 2013, 34, 1727-1733.	1.9	16
640	Extensive Left Temporal Pole Damage Does Not Impact on Theory of Mind Abilities. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 2025-2046.	2.3	12
641	Neurodegeneration, $\beta$ -amyloid and mood disorders: state of the art and future perspectives. <i>International Journal of Geriatric Psychiatry</i> , 2013, 28, 661-671.	2.7	12
642	Association Between the Volume of Carotid Artery Plaque and Its Subcomponents and the Volume of White Matter Lesions in Patients Selected for Endarterectomy. <i>American Journal of Roentgenology</i> , 2013, 201, W747-W752.	2.2	21
643	White Matter Hyperintensities: Use of Aortic Arch Pulse Wave Velocity to Predict Volume Independent of Other Cardiovascular Risk Factors. <i>Radiology</i> , 2013, 267, 709-717.	7.3	53
644	Hyperglycemia, Hypoglycemia and Dementia: Role of Mitochondria and Uncoupling Proteins. <i>Current Molecular Medicine</i> , 2013, 13, 586-601.	1.3	21

#	ARTICLE	IF	CITATIONS
645	Microstructural White Matter Abnormalities and Cognitive Functioning in Type 2 Diabetes. <i>Diabetes Care</i> , 2013, 36, 137-144.	8.6	206
646	African Caribbeans have greater subclinical cerebrovascular disease than Europeans. <i>Journal of Hypertension</i> , 2013, 31, 2391-2399.	0.5	15
647	2013 ESH/ESC Guidelines for the management of arterial hypertension. <i>Journal of Hypertension</i> , 2013, 31, 1281-1357.	0.5	4,251
648	Circulating Omega-3 Polyunsaturated Fatty Acids and Subclinical Brain Abnormalities on MRI in Older Adults: The Cardiovascular Health Study. <i>Journal of the American Heart Association</i> , 2013, 2, e000305.	3.7	68
649	White Matter Hyperintensities, Exercise, and Improvement in Gait Speed: Does Type of Gait Rehabilitation Matter?. <i>Journal of the American Geriatrics Society</i> , 2013, 61, 686-693.	2.6	20
650	Plasma Amyloid- $\beta$ Levels in Drug-Resistant Bipolar Depressed Patients Receiving Electroconvulsive Therapy. <i>Neuropsychobiology</i> , 2013, 67, 185-191.	1.9	13
651	Cerebral White Matter Hyperintensity Predicts Cardiovascular Events in Hemodialysis Patients. <i>Nephrology</i> , 2013, 18, n/a-n/a.	1.6	2
652	Obesity is associated with white matter atrophy: A combined diffusion tensor imaging and voxel-based morphometric study. <i>Obesity</i> , 2013, 21, 2530-2537.	3.0	108
653	Descending Variance Graphs for Segmenting Neurological Structures. , 2013, , .		2
654	The Brain in Obstructive Sleep Apnea: the Chickens Coming Home to Roost?. <i>Sleep</i> , 2013, 36, 637-639.	1.1	2
655	Do cerebral white matter lesions influence the rate of progression from mild cognitive impairment to dementia?. <i>International Psychogeriatrics</i> , 2013, 25, 120-127.	1.0	13
656	Leukoaraiosis and Carotid Artery Stenosis. <i>Journal of Computer Assisted Tomography</i> , 2013, 37, 327-332.	0.9	7
657	Heart disease as a risk factor for dementia. <i>Clinical Epidemiology</i> , 2013, 5, 135.	3.0	139
659	MRI Screening for Chronic Anticoagulation in Atrial Fibrillation. <i>Frontiers in Neurology</i> , 2013, 4, 137.	2.4	40
660	White Matter Hyperintensities on 1.5 and 3 Tesla Brain MRI in Healthy Individuals. <i>Journal of Biomedical Graphics and Computing</i> , 2013, 3, .	0.2	5
661	Physical Activity and Cardiorespiratory Fitness Are Beneficial for White Matter in Low-Fit Older Adults. <i>PLoS ONE</i> , 2014, 9, e107413.	2.5	132
663	Neuropsychological mechanisms of falls in older adults. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 64.	3.4	30
664	Cerebrovascular Markers in Lowered Cognitive Function. <i>Journal of Alzheimer's Disease</i> , 2014, 42, S383-S391.	2.6	6

#	ARTICLE	IF	CITATIONS
665	Aterosclerose CarotÍdea e Hipodensidades da SubstÍncia Branca: uma RelaÍÍo Controversa. Acta Medica Portuguesa, 2014, 27, 581.	0.4	2
666	Neurologic Complications of Hypertension. , 2014, , 119-145.		2
667	Inverse spatial distribution of brain metastases and white matter hyperintensities in advanced lung and non-lung cancer patients. Journal of Neuro-Oncology, 2014, 120, 321-330.	2.9	10
668	Posterior white matter disease distribution as a predictor of amyloid angiopathy. Neurology, 2014, 83, 794-800.	1.1	83
669	Cerebral small vessel disease affects white matter microstructure in mild cognitive impairment. Human Brain Mapping, 2014, 35, 2836-2851.	3.6	59
670	The relationship between cerebral white matter hyperintensities and lower urinary tract function in a population based, geriatric cohort. Neurourology and Urodynamics, 2014, 33, 431-436.	1.5	12
671	Executive dysfunction, brain aging, and political leadership. Politics and the Life Sciences, 2014, 33, 93-102.	0.7	11
672	Chronic renal dysfunction and anaemia are associated with cognitive impairment in older patients with heart failure. Journal of Cardiovascular Medicine, 2014, 15, 481-490.	1.5	29
673	Brain MRI to personalise atrial fibrillation therapy: current evidence and perspectives. Heart, 2014, 100, 1408-1413.	2.9	32
674	Fatty Acids and the Aging Brain. , 2014, , 201-219.		1
675	Using Magnetic Resonance Imaging in Diagnosing Dementia:<b> </b>A Dutch Outpatient Memory Clinics Survey. Dementia and Geriatric Cognitive Disorders, 2014, 38, 281-285.	1.5	2
676	Swiss Cheese Striatum. JAMA Neurology, 2014, 71, 735.	9.0	19
677	Heritability of and Mortality Prediction With a Longevity Phenotype: The Healthy Aging Index. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 479-485.	3.6	72
678	Thalamic diffusion differences related to cognitive function in white matter lesions. Neurobiology of Aging, 2014, 35, 1103-1110.	3.1	5
679	Antihypertensive and neuroprotective effects of catestatin in spontaneously hypertensive rats: Interaction with GABAergic transmission in amygdala and brainstem. Neuroscience, 2014, 270, 48-57.	2.3	29
680	Setting a gold standard for quantification of leukoaraiosis burden in patients with ischemic stroke: The Atherosclerosis Risk in Communities Study. Journal of Neuroscience Methods, 2014, 221, 196-201.	2.5	15
681	Gene-based GWAS and biological pathway analysis of the resilience of executive functioning. Brain Imaging and Behavior, 2014, 8, 110-118.	2.1	33
682	Different locations but common associations in subcortical hypodensities of presumed vascular origin: cross-sectional study on clinical and neurosonologic correlates. BMC Neurology, 2014, 14, 24.	1.8	3

#	ARTICLE	IF	CITATIONS
683	MRI mimics of multiple sclerosis. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2014, 122, 291-316.	1.8	49
684	Cerebral white matter lesions and perceived cognitive dysfunction: the role of pregnancy. American Journal of Obstetrics and Gynecology, 2014, 211, 257.e1-257.e5.	1.3	17
685	Imaging small vessel-associated white matter changes in aging. Neuroscience, 2014, 276, 174-186.	2.3	24
686	Cerebral white matter hyperintensities (WMH): an analysis of cerebrovascular risk factors in Lebanon. International Journal of Neuroscience, 2014, 124, 799-805.	1.6	13
687	Influence of vascular risk factors and neuropsychological profile on functional performances in CADASIL: results from the Microvascular LEukoencephalopathy Study (MILES). European Journal of Neurology, 2014, 21, 65-71.	3.3	21
688	Stroke subtype, vascular risk factors, and total MRI brain small-vessel disease burden. Neurology, 2014, 83, 1228-1234.	1.1	657
689	Neuroimaging Findings in Late-Onset Schizophrenia and Bipolar Disorder. Journal of Geriatric Psychiatry and Neurology, 2014, 27, 56-62.	2.3	32
690	Structural Imaging Measures of Brain Aging. Neuropsychology Review, 2014, 24, 271-289.	4.9	199
691	H.M.'s contributions to neuroscience: A review and autopsy studies. Hippocampus, 2014, 24, 1267-1286.	1.9	80
692	A systematic review of the evidence that brain structure is related to muscle structure and their relationship to brain and muscle function in humans over the lifecourse. BMC Geriatrics, 2014, 14, 85.	2.7	78
693	The relationship of leukoaraiosis and the clinical severity of vascular Parkinsonism. Journal of the Neurological Sciences, 2014, 346, 255-259.	0.6	17
694	Effect of Diabetes on Brain Structure: The Action to Control Cardiovascular Risk in Diabetes MR Imaging Baseline Data. Radiology, 2014, 272, 210-216.	7.3	40
696	Vascular cognitive impairment in dementia. Maturitas, 2014, 79, 220-226.	2.4	11
697	Management of acute ischemic stroke and its late complications. , 0, , 326-341.		0
699	Cognitive consequences of cerebral small vessel disease. , 0, , 236-250.		0
700	Motor, stance, and balance consequences of cerebral small vessel disease. , 0, , 251-260.		0
702	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. Alzheimer's Research and Therapy, 2014, 6, 49.	6.2	42
703	Association of cognitive dysfunction with cardiovascular disease events in elderly hypertensive patients. Journal of Hypertension, 2014, 32, 423-431.	0.5	19



#	ARTICLE	IF	CITATIONS
704	Reduced binding of Pittsburgh Compound-B in areas of white matter hyperintensities. <i>NeuroImage: Clinical</i> , 2015, 9, 479-483.	2.7	25
705	Are white matter abnormalities associated with "unexplained dizziness"? <i>Journal of the Neurological Sciences</i> , 2015, 358, 428-431.	0.6	46
706	Hypertensive Disorders of Pregnancy Appear Not to Be Associated with Alzheimer's Disease Later in Life. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2015, 5, 375-385.	1.3	21
708	Resistance Training and White Matter Lesion Progression in Older Women: Exploratory Analysis of a 12-Month Randomized Controlled Trial. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 2052-2060.	2.6	78
709	Psychosis in Later Life. <i>Harvard Review of Psychiatry</i> , 2015, 23, 354-367.	2.1	30
710	White Matter Hyperintensities and Mild Cognitive Impairment in Parkinson's Disease. <i>Journal of Neuroimaging</i> , 2015, 25, 754-760.	2.0	38
711	Prevention and Management of Cerebral Small Vessel Disease. <i>Journal of Stroke</i> , 2015, 17, 111.	3.2	80
712	New Aspects of Cerebrovascular Diseases in Dialysis Patients. <i>Contributions To Nephrology</i> , 2015, 185, 138-146.	1.1	16
713	Determinants of White Matter Hyperintensity Burden Differ at the Extremes of Ages of Ischemic Stroke Onset. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 649-654.	1.6	21
714	The effects of white matter hyperintensities and amyloid deposition on Alzheimer dementia. <i>NeuroImage: Clinical</i> , 2015, 8, 246-252.	2.7	43
715	Smoking and white matter hyperintensity progression. <i>Neurology</i> , 2015, 84, 841-848.	1.1	70
716	Association Between Left Atrial Abnormality on ECG and Vascular Brain Injury on MRI in the Cardiovascular Health Study. <i>Stroke</i> , 2015, 46, 711-716.	2.0	69
717	Hypertension artérielle et troubles cognitifs. <i>Archives Des Maladies Du Cœur Et Des Vaisseaux - Pratique</i> , 2015, 2015, 2-7.	0.0	0
718	Determinants of cerebral white matter changes in patients with stroke. <i>Internal Medicine Journal</i> , 2015, 45, 390-395.	0.8	7
719	Central artery stiffness, baroreflex sensitivity, and brain white matter neuronal fiber integrity in older adults. <i>NeuroImage</i> , 2015, 110, 162-170.	4.2	41
720	White matter hyperintensities, cognitive impairment and dementia: an update. <i>Nature Reviews Neurology</i> , 2015, 11, 157-165.	10.1	811
721	Sleep Duration, Kidney Function, and Their Effects on Cerebral Small Vessel Disease in Elderly Hypertensive Patients. <i>American Journal of Hypertension</i> , 2015, 28, 884-893.	2.0	17
722	Genetic associations of leukoaraiosis indicate pathophysiological mechanisms in white matter lesions etiology. <i>Reviews in the Neurosciences</i> , 2015, 26, 343-58.	2.9	37



#	ARTICLE	IF	CITATIONS
723	White Matter Lesions (Leukoaraiosis): A Major Cause of Falls. Journal of the American Medical Directors Association, 2015, 16, 441-443.	2.5	18
724	Lung disease as a determinant of cognitive decline and dementia. Alzheimer's Research and Therapy, 2015, 7, 32.	6.2	120
725	HIV effects on age-associated neurocognitive dysfunction: premature cognitive aging or neurodegenerative disease?. Alzheimer's Research and Therapy, 2015, 7, 37.	6.2	114
726	Influence of vascular risk factors on executive function among an age-homogeneous elderly cohort. Journal of Neural Transmission, 2015, 122, 1323-1328.	2.8	1
727	Common Behavioral Clusters and Subcortical Anatomy in Stroke. Neuron, 2015, 85, 927-941.	8.1	353
728	Genome-Wide Association Study and Linkage Analysis of the Healthy Aging Index. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 1003-1008.	3.6	14
729	Reduced Blood Flow in Normal White Matter Predicts Development of Leukoaraiosis. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1610-1615.	4.3	90
730	Executive Function, Survival, and Hospitalization in Chronic Obstructive Pulmonary Disease. A Longitudinal Analysis of the National Emphysema Treatment Trial (NETT). Annals of the American Thoracic Society, 2015, 12, 1473-1481.	3.2	14
731	Change in motor function and adverse health outcomes in older African-Americans. Experimental Gerontology, 2015, 70, 71-77.	2.8	16
732	The feasibility of quantitative MRI of perivascular spaces at 7 T. Journal of Neuroscience Methods, 2015, 256, 151-156.	2.5	51
733	Characterizing the white matter hyperintensity penumbra with cerebral blood flow measures. Neurolmage: Clinical, 2015, 8, 224-229.	2.7	94
734	Cardiovascular risk and white matter lesions after endocrine control of Cushing's syndrome. European Journal of Endocrinology, 2015, 173, 765-775.	3.7	35
735	Lifetime hypertension as a predictor of brain structure in older adults: cohort study with a 28-year follow-up. British Journal of Psychiatry, 2015, 206, 308-315.	2.8	40
736	The neuropsychological profile of vascular cognitive impairment not demented: A meta-analysis. Journal of Neuropsychology, 2015, 9, 109-136.	1.4	124
737	Who wants a free brain scan? Assessing and correcting for recruitment biases in a population-based sMRI pilot study. Brain Imaging and Behavior, 2015, 9, 204-212.	2.1	37
738	Disturbed phase relations in white matter hyperintensity based vascular dementia: An EEG directed connectivity study. Clinical Neurophysiology, 2015, 126, 497-504.	1.5	20
739	Physical activity, body mass index, and brain atrophy in Alzheimer's disease. Neurobiology of Aging, 2015, 36, S194-S202.	3.1	59
740	Regional Gray Matter Atrophy Coexistent with Occipital Periventricular White Matter Hyper Intensities. Frontiers in Aging Neuroscience, 2016, 8, 214.	3.4	8

#	ARTICLE	IF	CITATIONS
741	Combining Exergame Training with Omega-3 Fatty Acid Supplementation: Protocol for a Randomized Controlled Study Assessing the Effect on Neuronal Structure/Function in the Elderly Brain. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 283.	3.4	4
742	Nutritional Cognitive Neuroscience: Innovations for Healthy Brain Aging. <i>Frontiers in Neuroscience</i> , 2016, 10, 240.	2.8	55
743	Disruptions of network connectivity predict impairment in multiple behavioral domains after stroke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4367-76.	7.1	477
744	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.	3.9	7
745	Orthostatic hypotension and cognitive impairment in Parkinson's disease: Causation or association?. <i>Movement Disorders</i> , 2016, 31, 937-946.	3.9	99
746	Dopamine transporter availability in clinically normal aging is associated with individual differences in white matter integrity. <i>Human Brain Mapping</i> , 2016, 37, 621-631.	3.6	24
747	Development and aging of superficial white matter myelin from young adulthood to old age: Mapping by vertex-based surface statistics (VBSS). <i>Human Brain Mapping</i> , 2016, 37, 1759-1769.	3.6	35
748	White Matter Lesions: Prevalence and Clinical Phenotype in Asymptomatic Individuals Aged <math>\geq 50</math> Years. <i>Dementia and Geriatric Cognitive Disorders</i> , 2016, 42, 159-168.	1.5	13
749	Cerebral white matter lesions – associations with A $\beta$ isoforms and amyloid PET. <i>Scientific Reports</i> , 2016, 6, 20709.	3.3	52
750	Association of Physical Function with Clinical and Subclinical Brain Disease: The Framingham Offspring Study. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1597-1608.	2.6	52
751	Ischemic cerebrovascular burden evaluated by magnetic resonance imaging in an elderly Brazilian community: The Piet study. <i>ENeurologicalSci</i> , 2016, 5, 30-34.	1.3	8
752	Pathoconnectomics of cognitive impairment in small vessel disease: A systematic review. <i>Alzheimer's and Dementia</i> , 2016, 12, 831-845.	0.8	66
753	Comparison of cerebral blood flow and structural penumbras in relation to white matter hyperintensities: A multi-modal magnetic resonance imaging study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1528-1536.	4.3	62
754	COPD and stroke: are systemic inflammation and oxidative stress the missing links?. <i>Clinical Science</i> , 2016, 130, 1039-1050.	4.3	138
755	Incidence and impact of subclinical epileptiform activity in Alzheimer's disease. <i>Annals of Neurology</i> , 2016, 80, 858-870.	5.3	373
756	BIANCA (Brain Intensity AbNormality Classification Algorithm): A new tool for automated segmentation of white matter hyperintensities. <i>NeuroImage</i> , 2016, 141, 191-205.	4.2	308
758	Peripheral (deep) but not periventricular <math>\text{MRI}</math> white matter hyperintensities are increased in clinical vascular dementia compared to Alzheimer's disease. <i>Brain and Behavior</i> , 2016, 6, e00438.	2.2	41
759	Impact of smoking on neurodegeneration and cerebrovascular disease markers in cognitively normal men. <i>European Journal of Neurology</i> , 2016, 23, 110-119.	3.3	18

#	ARTICLE	IF	CITATIONS
760	Long-term effects of white matter changes on the risk of stroke recurrence after carotid artery stenting in patients with symptomatic carotid artery stenosis. Journal of the Neurological Sciences, 2016, 369, 11-14.	0.6	1
761	Hypertension, Cerebral Small Vessel Disease, and Cognitive Function. , 2016, , 285-300.		0
762	Contributors to Poor Mobility in Older Adults: Integrating White Matter Hyperintensities and Conditions Affecting Other Systems. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 72, glw224.	3.6	14
763	White matter disorders. , 0, , 42-94.		0
764	Abnormal functional connectivity density in patients with ischemic white matter lesions. Medicine (United States), 2016, 95, e4625.	1.0	12
766	Vascular cognitive impairment and dementia. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 860-868.	3.8	130
767	Brain Structural Connectivity in Late-Life Major Depressive Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2016, 1, 271-277.	1.5	22
768	Rehabilitaci3n geri3trica: enfoque sist3mico. EMC - Kinesiterapia - Medicina F3sica, 2016, 37, 1-9.	0.1	0
769	Brain atrophy in Alzheimer's Disease and aging. Ageing Research Reviews, 2016, 30, 25-48.	10.9	507
770	White matter hyperintensities and imaging patterns of brain ageing in the general population. Brain, 2016, 139, 1164-1179.	7.6	314
771	Gait dyspraxia as a clinical marker of cognitive decline in Down syndrome: A review of theory and proposed mechanisms. Brain and Cognition, 2016, 104, 48-57.	1.8	33
772	The effects of hemodynamic lag on functional connectivity and behavior after stroke. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 2162-2176.	4.3	101
773	Left ventricular geometry and white matter lesions in ischemic stroke patients. Blood Pressure, 2016, 25, 149-154.	1.5	1
774	White matter integrity, hippocampal volume, and cognitive performance of a world-famous nonagenarian track-and-field athlete. Neurocase, 2016, 22, 135-144.	0.6	14
775	Homocysteine and mild cognitive impairment: Are these the tools for early intervention in the dementia spectrum?. Journal of Nutrition, Health and Aging, 2016, 20, 155-160.	3.3	9
776	Finite element analysis of periventricular lucency in hydrocephalus: extravasation or transependymal CSF absorption?. Journal of Neurosurgery, 2016, 124, 334-341.	1.6	17
777	Cardiovascular risk factors and small vessel disease of the brain: Blood pressure, white matter lesions, and functional decline in older persons. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 132-142.	4.3	118
778	Hemispheric Differences in Leukoaraiosis in Patients with Carotid Artery Stenosis: A Systematic Review. Clinical Neuroradiology, 2017, 27, 7-13.	1.9	17

#	ARTICLE	IF	CITATIONS
779	White Matter Hyperintensity Associations with Cerebral Blood Flow in Elderly Subjects Stratified by Cerebrovascular Risk. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 779-786.	1.6	46
780	Brain Structural Markers and Caregiving Characteristics as Interacting Correlates of Caregiving Strain. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 582-591.	1.2	6
782	Vitamin B12 and homocysteine associations with gait speed in older adults: The Baltimore Longitudinal Study of Aging. <i>Journal of Nutrition, Health and Aging</i> , 2017, 21, 1321-1328.	3.3	27
783	Abnormal cortical functional activity in patients with ischemic white matter lesions: A resting-state functional magnetic resonance imaging study. <i>Neuroscience Letters</i> , 2017, 644, 10-17.	2.1	14
784	A Modified Healthy Aging Index and Its Association with Mortality: The National Health and Nutrition Examination Survey, 1999-2002. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 1437-1444.	3.6	30
785	Prehypertensive Blood Pressures and Regional Cerebral Blood Flow Independently Relate to Cognitive Performance in Midlife. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	22
786	Vascular Contributions to Cognitive Impairment in Late Life. <i>Neurologic Clinics</i> , 2017, 35, 295-323.	1.8	16
787	Blood pressure variability and cognitive decline in older people. <i>Journal of Hypertension</i> , 2017, 35, 140-147.	0.5	54
788	Effects of environmental enrichment on white matter glial responses in a mouse model of chronic cerebral hypoperfusion. <i>Journal of Neuroinflammation</i> , 2017, 14, 81.	7.2	44
789	Decreased integration and information capacity in stroke measured by whole brain models of resting state activity. <i>Brain</i> , 2017, 140, 1068-1085.	7.6	77
790	Subclinical white matter lesions and medial temporal lobe atrophy are associated with EEG slowing in a memory clinic cohort. <i>Clinical Neurophysiology</i> , 2017, 128, 1575-1582.	1.5	5
791	Chronic Use of Aspirin and Total White Matter Lesion Volume: Results from the Women's Health Initiative Memory Study of Magnetic Resonance Imaging Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 2128-2136.	1.6	5
792	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.	1.9	151
793	Collagenosis of the Deep Medullary Veins: An Underrecognized Pathologic Correlate of White Matter Hyperintensities and Periventricular Infarction?. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 299-312.	1.7	108
794	Confirmation of the abnormal lipid metabolism as a risk factor for the disease of leukoaraiosis. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 508-513.	3.8	4
795	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.	3.1	20
796	Effects of stressful life events on cerebral white matter hyperintensity progression. <i>International Journal of Geriatric Psychiatry</i> , 2017, 32, e10-e17.	2.7	15
797	Differential white matter involvement associated with distinct visuospatial deficits after right hemisphere stroke. <i>Cortex</i> , 2017, 88, 81-97.	2.4	41

#	ARTICLE	IF	CITATIONS
798	Retinal vascular caliber associated with cardiac and renal target organ damage in never-treated hypertensive patients. <i>Microcirculation</i> , 2017, 24, e12344.	1.8	9
799	Balance Impairments in Different Subgroups of Patients With Migraine. <i>Headache</i> , 2017, 57, 363-374.	3.9	22
800	White matter hyperintensities are associated with disproportionate progressive hippocampal atrophy. <i>Hippocampus</i> , 2017, 27, 249-262.	1.9	62
801	Incidence and risk factors of leukoaraiosis from 4683 hospitalized patients. <i>Medicine (United States)</i> , 2017, 96, e7682.	1.0	53
802	White Matter Lesion Progression and Cognitive Function Over 5 Years in a Young Susceptible Population. <i>Neuroepidemiology</i> , 2017, 49, 62-63.	2.3	2
803	Left Ventricular Mass, Brain Magnetic Resonance Imaging, and Cognitive Performance. <i>Hypertension</i> , 2017, 70, 964-971.	2.7	18
804	White matter tract integrity is associated with antidepressant response to lurasidone in bipolar depression. <i>Bipolar Disorders</i> , 2017, 19, 444-449.	1.9	12
805	Findings of Vascular Brain Injury and Structural Loss from Cranial Magnetic Resonance Imaging in Elderly American Indians: The Strong Heart Study. <i>Neuroepidemiology</i> , 2017, 48, 39-47.	2.3	16
806	Association between Low-density lipoprotein cholesterol and occipital periventricular hyperintensities in a group of Chinese patients: an observational study. <i>Lipids in Health and Disease</i> , 2017, 16, 48.	3.0	7
807	Cerebral white matter hyperintensities on MRI and acceleration of epigenetic aging: the atherosclerosis risk in communities study. <i>Clinical Epigenetics</i> , 2017, 9, 21.	4.1	45
808	Blood Pressure and Heart Rate Measures Associated With Increased Risk of Covert Brain Infarction and Worsening Leukoaraiosis in Older Adults. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1579-1586.	2.4	28
809	Clinical anatomy of the most common dementias. <i>Clinical Anatomy</i> , 2017, 30, 53-57.	2.7	0
810	Metabolic Syndrome is Associated with White Matter Hyperintensity in Stroke Patients. <i>Brain Impairment</i> , 2017, 18, 277-283.	0.7	0
811	Development and validation of a priori risk model for extensive white matter lesions in people age 65 years or older: the Dijon MRI study. <i>BMJ Open</i> , 2017, 7, e018328.	1.9	5
812	Hypertension and cognitive impairment. <i>Annals of Translational Medicine</i> , 2017, 5, 259-259.	1.7	28
813	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.	3.0	19
814	Is antiplatelet treatment effective at attenuating the progression of white matter hyperintensities?. <i>PLoS ONE</i> , 2017, 12, e0176300.	2.5	7
815	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.	2.5	32

#	ARTICLE	IF	CITATIONS
816	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.	5.8	68
818	Partial loss of function of colony-stimulating factor 1 receptor in a patient with white matter abnormalities. European Journal of Neurology, 2018, 25, 875-881.	3.3	9
819	Detection of white matter lesion regions in MRI using SLICO and convolutional neural network. Computer Methods and Programs in Biomedicine, 2018, 167, 49-63.	4.7	26
820	Physical Activity as a Strategy to Promote Cognitive Health Among Older People. , 2018, , 693-711.		0
821	Update on Vascular Cognitive Impairment Associated with Subcortical Small-Vessel Disease. Journal of Alzheimer's Disease, 2018, 62, 1417-1441.	2.6	90
822	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. Clinical Infectious Diseases, 2018, 66, 1762-1769.	5.8	48
823	White Matter Hyperintensity Predicts the Risk of Incident Cognitive Decline in Community Dwelling Elderly. Journal of Alzheimer's Disease, 2018, 61, 1333-1341.	2.6	17
824	Orthostatic hypotension in older persons is not associated with cognitive functioning, features of cerebral damage or cerebral blood flow. Journal of Hypertension, 2018, 36, 1201-1206.	0.5	21
825	Brain pathology is related to total daily physical activity in older adults. Neurology, 2018, 90, e1911-e1919.	1.1	25
826	Role of Cerebrovascular Disease in Cognition. , 2018, , 77-92.		0
827	Nonlinear pattern of the emergence of white matter hyperintensity in healthy Han Chinese: an adult lifespan study. Neurobiology of Aging, 2018, 67, 99-107.	3.1	18
828	Migraine and vascular disease biomarkers: A population-based case-control study. Cephalalgia, 2018, 38, 511-518.	3.9	36
829	The effects of environmental enrichment on white matter pathology in a mouse model of chronic cerebral hypoperfusion. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 151-165.	4.3	25
830	Two-kidney one-clip is a pertinent approach to integrate arterial hypertension in animal models of stroke: Serial magnetic resonance imaging studies of brain lesions before and during cerebral ischemia. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1769-1780.	4.3	8
831	Intake of B vitamins and impairment in physical function in older adults. Clinical Nutrition, 2018, 37, 1271-1278.	5.0	20
832	Incidental findings on cerebral MRI in twins: the Older Australian Twins Study. Brain Imaging and Behavior, 2018, 12, 860-869.	2.1	8
833	Diabetic polyneuropathy, deep white matter lesions, and carotid atherosclerosis: is there any association?. Neurological Sciences, 2018, 39, 103-110.	1.9	5
834	CSF $\beta$ -amyloid and white matter damage: a new perspective on Alzheimer's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 352-357.	1.9	36

#	ARTICLE	IF	CITATIONS
835	The role of exercise in mitigating subcortical ischemic vascular cognitive impairment. Journal of Neurochemistry, 2018, 144, 582-594.	3.9	19
836	Validation of T1-weighted segmentations of white matter hyperintensity volumes in large-scale datasets of aging. Human Brain Mapping, 2018, 39, 1093-1107.	3.6	65
837	Bullseye's representation of cerebral white matter hyperintensities. Journal of Neuroradiology, 2018, 45, 114-122.	1.1	25
838	White matter degeneration in vascular and other ageing-related dementias. Journal of Neurochemistry, 2018, 144, 617-633.	3.9	147
839	2017 ACC/AHA/AAPA/ABC/ACPM/AGS/APhA/ASH/ASPC/NMA/PCNA Guideline for the Prevention, Detection, Evaluation, and Management of High Blood Pressure in Adults. Journal of the American College of Cardiology, 2018, 71, e127-e248.	2.8	4,042
840	Altered connectivity patterns among resting state networks in patients with ischemic white matter lesions. Brain Imaging and Behavior, 2018, 12, 1239-1250.	2.1	25
841	Brain Networks Reorganization During Maturation and Healthy Aging-Emphases for Resilience. Frontiers in Psychiatry, 2018, 9, 601.	2.6	23
842	2018 ESC/ESH Guidelines for the management of arterial hypertension. Journal of Hypertension, 2018, 36, 1953-2041.	0.5	2,129
844	Cerebral White Matter Hyperintensities and Microbleeds in Acute Ischemic Stroke: Impact on Recanalization Therapies. A Review of the Literature. Neuroscience Letters, 2018, 687, 55-64.	2.1	8
845	Long-term progression of white matter hyperintensities in ischemic stroke. Acta Neurologica Scandinavica, 2018, 138, 548-556.	2.1	7
846	Left atrial diameter and vascular brain injury on MRI. Neurology, 2018, 91, e1237-e1244.	1.1	10
847	Major or Mild Vascular Neurocognitive Disorder. , 2018, , 445-466.		0
848	Neuroimaging in Clinical Geriatric Psychiatry. , 2018, , 47-89.		0
849	Impact of white matter hyperintensities on the prognosis of cryptogenic stroke patients. PLoS ONE, 2018, 13, e0196014.	2.5	6
850	Association of Motoric Cognitive Risk Syndrome with Cardiovascular Disease and Risk Factors: Results from an Original Study and Meta-Analysis. Journal of Alzheimer's Disease, 2018, 64, 875-887.	2.6	33
851	Asymptomatic Cerebrovascular Disease in Dialysis Patients. Contributions To Nephrology, 2018, 196, 22-26.	1.1	2
852	Exome Chip Analysis Identifies Low-Frequency and Rare Variants in MRPL38 for White Matter Hyperintensities on Brain Magnetic Resonance Imaging. Stroke, 2018, 49, 1812-1819.	2.0	17
853	MRI Features and Site-specific Factors of Ischemic Changes in White Matter: A Retrospective Study. Current Medical Science, 2018, 38, 318-323.	1.8	1



#	ARTICLE	IF	CITATIONS
854	2018 ESC/ESH Guidelines for the management of arterial hypertension. European Heart Journal, 2018, 39, 3021-3104.	2.2	6,826
855	Relationships among clinic, home, and ambulatory blood pressures with small vessel disease of the brain and functional status in older people with hypertension. American Heart Journal, 2018, 205, 21-30.	2.7	14
856	Biomarkers in Alzheimer's, Frontotemporal, Lewy Body, and Vascular Dementias. Focus (American) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	6
857	Reduced Lung Function and Cerebral Small Vessel Disease in Japanese Men: the Shiga Epidemiological Study of Subclinical Atherosclerosis (SESSA). Journal of Atherosclerosis and Thrombosis, 2018, 25, 1009-1021.	2.0	10
858	The effect of age-related risk factors and comorbidities on white matter injury and repair after ischemic stroke. Neurobiology of Disease, 2019, 126, 13-22.	4.4	14
859	2018 Korean society of hypertension guidelines for the management of hypertension: part III-hypertension in special situations. Clinical Hypertension, 2019, 25, 19.	2.0	31
860	The Associations of PMF1, ICAM1, AGT, TRIM65, FBF1, and ACOX1 Variants With Leukoaraiosis in Chinese Population. Frontiers in Genetics, 2019, 10, 615.	2.3	2
861	Management of Acute Ischemic Stroke and its Late Complications. , 2019, , 376-394.		0
862	Falls, Subclinical Cardiovascular Disease, and a Nonagenarian's Sage Advice. Journal of the American Geriatrics Society, 2019, 67, 1774-1776.	2.6	0
863	Enhanced Regional Homogeneity and Functional Connectivity in Subjects With White Matter Hyperintensities and Cognitive Impairment. Frontiers in Neuroscience, 2019, 13, 695.	2.8	19
864	Subclinical Cerebrovascular Disease: Epidemiology and Treatment. Current Atherosclerosis Reports, 2019, 21, 39.	4.8	16
865	Endothelial Function, Adipokine Serum Levels, and White Matter Hyperintensities in Subjects With Diabetic Foot Syndrome. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3920-3930.	3.6	11
866	Abnormal Interactions of the Salience Network, Central Executive Network, and Default-Mode Network in Patients With Different Cognitive Impairment Loads Caused by Leukoaraiosis. Frontiers in Neural Circuits, 2019, 13, 42.	2.8	32
867	Effects of Intensive Versus Standard Ambulatory Blood Pressure Control on Cerebrovascular Outcomes in Older People (INFINITY). Circulation, 2019, 140, 1626-1635.	1.6	84
868	Cardiovascular factors are related to dopamine integrity and cognition in aging. Annals of Clinical and Translational Neurology, 2019, 6, 2291-2303.	3.7	19
869	SegAE: Unsupervised white matter lesion segmentation from brain MRIs using a CNN autoencoder. Neurolmage: Clinical, 2019, 24, 102085.	2.7	21
870	Late-onset unexplained epilepsy: What are we missing?. Epilepsy and Behavior, 2019, 99, 106478.	1.7	19
871	Association between serum carcinoembryonic antigen (CEA) levels and leukoaraiosis in middle-aged and older adults: A cross-sectional study. Experimental Gerontology, 2019, 125, 110682.	2.8	4

#	ARTICLE	IF	CITATIONS
872	Cardiometabolic Health and Longitudinal Progression of White Matter Hyperintensity. <i>Stroke</i> , 2019, 50, 3037-3044.	2.0	39
873	The relationship between white matter hyperintensities and cognitive reference abilities across the life span. <i>Neurobiology of Aging</i> , 2019, 83, 31-41.	3.1	24
874	Association between white matter hyperintensities, cortical volumes, and late-onset epilepsy. <i>Neurology</i> , 2019, 92, e988-e995.	1.1	28
875	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.	2.6	38
876	Confining the Concept of Vascular Depression to Late-Onset Depression: A Meta-Analysis of MRI-Defined Hyperintensity Burden in Major Depressive Disorder and Bipolar Disorder. <i>Frontiers in Psychology</i> , 2019, 10, 1241.	2.1	37
877	Characterizing a perfusion-based periventricular small vessel region of interest. <i>NeuroImage: Clinical</i> , 2019, 23, 101897.	2.7	28
878	Inflammation and cerebral small vessel disease: A systematic review. <i>Ageing Research Reviews</i> , 2019, 53, 100916.	10.9	213
879	Pathophysiology of Cerebral Vascular Dysfunction in Pregnancy-Induced Hypertension. <i>Current Hypertension Reports</i> , 2019, 21, 52.	3.5	16
880	Structural and functional MRI correlates of T2 hyperintensities of brain white matter in young neurologically asymptomatic adults. <i>European Radiology</i> , 2019, 29, 7027-7036.	4.5	8
881	Activated Microglia in Cortical White Matter Across Cognitive Aging Trajectories. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 94.	3.4	35
882	Cross-sectional and longitudinal associations between total and regional white matter hyperintensity volume and cognitive and motor function in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2019, 23, 101870.	2.7	27
883	Prevalence of fascicular hyperintensities in peripheral nerves of healthy individuals with regard to cerebral white matter lesions. <i>European Radiology</i> , 2019, 29, 3480-3487.	4.5	3
884	Effects of exergame training combined with omega-3 fatty acids on the elderly brain: a randomized double-blind placebo-controlled trial. <i>BMC Geriatrics</i> , 2019, 19, 81.	2.7	13
885	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.	2.1	17
886	Increased arterial pressure in mice with overexpression of the ADHD candidate gene calcyon in forebrain. <i>PLoS ONE</i> , 2019, 14, e0211903.	2.5	0
887	Characterization of White Matter Hyperintensities in Large-Scale MRI-Studies. <i>Frontiers in Neurology</i> , 2019, 10, 238.	2.4	71
888	Cardiovascular Health and Healthy Aging. , 2019, , 31-51.		3
889	Association Between Amyloid- $\beta$ , Small-vessel Disease, and Neurodegeneration Biomarker Positivity, and Progression to Mild Cognitive Impairment in Cognitively Normal Individuals. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1753-1760.	3.6	8

#	ARTICLE	IF	CITATIONS
890	Brain white matter lesions and postoperative cognitive dysfunction: a review. Journal of Anesthesia, 2019, 33, 336-340.	1.7	22
891	Blood pressure, glycemic control, and white matter hyperintensity progression in type 2 diabetics. Neurology, 2019, 92, e1168-e1175.	1.1	45
893	Oxygenation differs among white matter hyperintensities, intersected fiber tracts and unaffected white matter. Brain Communications, 2019, 1, fcz033.	3.3	21
894	Epidemiology of aging and associated cognitive disorders: Prevalence and incidence of Alzheimer's disease and other dementias. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 167, 139-148.	1.8	85
895	White matter hyperintensities are common in midlife and already associated with cognitive decline. Brain Communications, 2019, 1, fcz041.	3.3	51
896	Vascular White Matter Lesions in Young Adults: A Neurology Outpatient Clinic Registry. European Neurology, 2019, 82, 23-31.	1.4	3
897	Aging and Physiological Lessons from Master Athletes. , 2019, 10, 261-296.		38
898	Differential Impact of Plasma Homocysteine Levels on the Periventricular and Subcortical White Matter Hyperintensities on the Brain. Frontiers in Neurology, 2019, 10, 1174.	2.4	12
899	Arterial stiffness and white matter integrity in the elderly: A diffusion tensor and magnetization transfer imaging study. NeuroImage, 2019, 186, 577-585.	4.2	19
900	MRI-based evaluation of structural degeneration in the ageing brain: Pathophysiology and assessment. Ageing Research Reviews, 2019, 49, 67-82.	10.9	41
901	Arterial Hypertension and Cardiovascular Risk. , 2019, , 57-74.		0
902	Modified Visual Magnetic Resonance Rating Scale for Evaluation of Patients with Forgetfulness. Canadian Journal of Neurological Sciences, 2019, 46, 71-78.	0.5	3
903	Homocysteine and age-associated disorders. Ageing Research Reviews, 2019, 49, 144-164.	10.9	96
904	The Lifespan Human Connectome Project in Aging: An overview. NeuroImage, 2019, 185, 335-348.	4.2	186
905	From eyesâ€closed to eyesâ€open: Role of cholinergic projections in ECâ€toâ€EO alpha reactivity revealed by combining EEG and MRI. Human Brain Mapping, 2019, 40, 566-577.	3.6	65
906	Effective Reserve: A Latent Variable to Improve Outcome Prediction in Stroke. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 63-69.	1.6	10
907	Lesion location matters: The relationships between white matter hyperintensities on cognition in the healthy elderly. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 36-43.	4.3	130
908	Effect of intravoxel incoherent motion on diffusion parameters in normal brain. NeuroImage, 2020, 204, 116228.	4.2	14

#	ARTICLE	IF	CITATIONS
909	Influence of Striatal Dopamine, Cerebral Small Vessel Disease, and Other Risk Factors on Age-Related Parkinsonian Motor Signs. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 696-701.	3.6	14
910	Patterns of white matter hyperintensities associated with cognition in middle-aged cognitively healthy individuals. <i>Brain Imaging and Behavior</i> , 2020, 14, 2012-2023.	2.1	40
911	Orthostatic hypotension as a risk factor for longitudinal deterioration of cognitive function in the elderly. <i>European Journal of Neurology</i> , 2020, 27, 160-167.	3.3	14
912	Imaging biomarkers in Alzheimer's disease. , 2020, , 343-378.		1
913	Reduced forced vital capacity is associated with cerebral small vessel disease burden in cognitively normal individuals. <i>NeuroImage: Clinical</i> , 2020, 25, 102140.	2.7	8
914	Dietary Intakes of Vegetable Protein, Folate, and Vitamins B-6 and B-12 Are Partially Correlated with Physical Functioning of Dutch Older Adults Using Copula Graphical Models. <i>Journal of Nutrition</i> , 2020, 150, 634-643.	2.9	24
915	Cholesterol Variability and Cranial Magnetic Resonance Imaging Findings in Older Adults. <i>Stroke</i> , 2020, 51, 69-74.	2.0	3
916	Association between serum carbohydrate antigen 19-9 levels and leukoaraiosis in middle-aged and older adults: A cross-sectional study. <i>Atherosclerosis</i> , 2020, 292, 188-192.	0.8	7
917	White matter hyperintensities mediate gray matter volume and processing speed relationship in cognitively unimpaired participants. <i>Human Brain Mapping</i> , 2020, 41, 1309-1322.	3.6	27
918	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.	5.8	12
919	Baseline 10-Year Cardiovascular Risk Scores Predict Cognitive Function in Older Persons, and Particularly Women, Living With Human Immunodeficiency Virus Infection. <i>Clinical Infectious Diseases</i> , 2020, 71, 3079-3085.	5.8	11
920	Identification of White Matter Lesions in Patients With Acute Ischemic Lesions Using U-net. <i>Frontiers in Neurology</i> , 2020, 11, 1008.	2.4	2
921	Is there an association between orthostatic hypotension and cerebral white matter hyperintensities in older people? The Irish longitudinal study on ageing. <i>JRSM Cardiovascular Disease</i> , 2020, 9, 204800402095462.	0.7	8
922	Association between red blood cell distribution width and white matter hyperintensities: A large-scale cross-sectional study. <i>Brain and Behavior</i> , 2020, 10, e01739.	2.2	7
923	Patients with pretreatment leukoencephalopathy and older patients have more cognitive decline after whole brain radiotherapy. <i>Radiation Oncology</i> , 2020, 15, 271.	2.7	6
924	Orthostatic hypotension, dizziness, neurology outcomes, and death in older adults. <i>Neurology</i> , 2020, 95, e1941-e1950.	1.1	14
925	Detrimental effects of hypercortisolism on brain structure and related risk factors. <i>Scientific Reports</i> , 2020, 10, 12708.	3.3	15
926	Alzheimer-Related Cerebrovascular Disease in Down Syndrome. <i>Annals of Neurology</i> , 2020, 88, 1165-1177.	5.3	34

#	ARTICLE	IF	CITATIONS
927	White Matter Hyperintensities Contribute to Language Deficits in Primary Progressive Aphasia. Cognitive and Behavioral Neurology, 2020, 33, 179-191.	0.9	5
928	Cortical Thickness Estimation in Individuals With Cerebral Small Vessel Disease, Focal Atrophy, and Chronic Stroke Lesions. Frontiers in Neuroscience, 2020, 14, 598868.	2.8	18
929	Oxidized Products of Omega-6 and Omega-3 Long Chain Fatty Acids Are Associated with Increased White Matter Hyperintensity and Poorer Executive Function Performance in a Cohort of Cognitively Normal Hypertensive Older Adults. Journal of Alzheimer's Disease, 2020, 74, 65-77.	2.6	25
930	Imaging of the aging brain and development of MRI signal abnormalities. Revue Neurologique, 2020, 176, 661-669.	1.5	5
931	White matter hyperintensity burden in acute stroke patients differs by ischemic stroke subtype. Neurology, 2020, 95, e79-e88.	1.1	34
932	The Association Between Four Gait Speed Assessments and Incident Stroke in Older Adults: The Health, Aging and Body Composition Study. Journal of Nutrition, Health and Aging, 2020, 24, 888-892.	3.3	2
933	Independent domains of daily mobility in patients with neurological gait disorders. Journal of Neurology, 2020, 267, 292-300.	3.6	7
934	Periventricular white matter hyperintensity burden and cognitive impairment in early Parkinson's disease. European Journal of Neurology, 2020, 27, 959-966.	3.3	30
935	Neuroimaging of Cerebral Blood Flow and Sodium in Women with Lipedema. Obesity, 2020, 28, 1292-1300.	3.0	5
936	Association between lifetime coffee consumption and late life cerebral white matter hyperintensities in cognitively normal elderly individuals. Scientific Reports, 2020, 10, 421.	3.3	6
937	Abnormal blood pressure circadian rhythms are relevant to cerebral infarction and Leukoaraiosis in hypertensive patients. BMC Neurology, 2020, 20, 36.	1.8	9
938	Home-measured orthostatic hypotension associated with cerebral small vessel disease in a community-based older population. Hypertension Research, 2020, 43, 798-807.	2.7	9
939	Three-tissue compositional analysis reveals in-vivo microstructural heterogeneity of white matter hyperintensities following stroke. NeuroImage, 2020, 218, 116869.	4.2	19
940	Impaired Structural Network Properties Caused by White Matter Hyperintensity Related to Cognitive Decline. Frontiers in Neurology, 2020, 11, 250.	2.4	10
941	Estrogen, brain structure, and cognition in postmenopausal women. Human Brain Mapping, 2021, 42, 24-35.	3.6	27
942	White matter hyperintensities affect transcranial electrical stimulation in the aging brain. Brain Stimulation, 2021, 14, 69-73.	1.6	9
943	Association between airflow limitation and leukoaraiosis of the brain. Respiratory Investigation, 2021, 59, 320-326.	1.8	0
944	Systemic oxidative stress and cognitive function in Parkinson's disease with different PWMH or DWMH lesions. BMC Neurology, 2021, 21, 16.	1.8	10

#	ARTICLE	IF	CITATIONS
945	Associated factors of white matter hyperintensity volume: a machine-learning approach. Scientific Reports, 2021, 11, 2325.	3.3	14
946	Cerebrovascular disease, multiple sclerosis, or both? Case report and review of the challenging distinction between two potentially synergistic syndromes. Cerebral Circulation - Cognition and Behavior, 2021, 2, 100006.	0.9	0
947	Incidental Brain Magnetic Resonance Imaging Findings and the Cognitive and Motor Performance in the Elderly: The Shanghai Changfeng Study. Frontiers in Neuroscience, 2021, 15, 631087.	2.8	6
948	White Matter Lesions in Migraine. American Journal of Pathology, 2021, 191, 1955-1962.	3.8	23
950	MORPHOMETRIC ANALYSIS OF THE WHITE MATTER STRUCTURES IN FEMALE MIGRAINE PATIENTS. Journal of Scientific Perspectives, 2021, 5, 71-79.	0.2	0
951	Multiscale Dynamics of Blood Pressure Fluctuation Is Associated With White Matter Lesion Burden in Older Adults With and Without Hypertension: Observations From a Pilot Study. Frontiers in Cardiovascular Medicine, 2021, 8, 636702.	2.4	6
952	Endothelial Nitric Oxide Synthase-Deficient Mice. American Journal of Pathology, 2021, 191, 1932-1945.	3.8	22
953	Age-Related changes in cerebrovascular health and their effects on neural function and cognition: A comprehensive review. Psychophysiology, 2021, 58, e13796.	2.4	51
954	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. Aging, 2021, 13, 9496-9509.	3.1	6
955	A low-dimensional structure of neurological impairment in stroke. Brain Communications, 2021, 3, fcb119.	3.3	15
956	Targeting autophagy in neurodegenerative diseases: From molecular mechanisms to clinical therapeutics. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 943-953.	1.9	24
957	Association between cortical thickness and distinct vascular cognitive impairment and dementia in patients with white matter lesions. Experimental Physiology, 2021, 106, 1612-1620.	2.0	2
958	Investigating the microstructural properties of normal-appearing white matter (NAWM) preceding conversion to white matter hyperintensities (WMHs) in stroke survivors. NeuroImage, 2021, 232, 117839.	4.2	16
959	White matter hyperintensity volume in pre-diabetes, diabetes and normoglycemia. BMJ Open Diabetes Research and Care, 2021, 9, e002050.	2.8	8
960	Bilateral Distance Method for Segmentation of Periventricular from Deep White Matter T2 Signal Hyperintensities on 3-D Brain MRIs. Academic Radiology, 2021, 28, 1709-1710.	2.5	0
961	Subclinical vasculopathy and skeletal muscle metrics in the singapore longitudinal ageing study. Aging, 2021, 13, 14768-14784.	3.1	3
962	The Effects of Mean of Visit-to-Visit Blood Pressure on Incident Brain Vascular Lesions and Functional-Cognitive Decline. Journal of Alzheimer's Disease, 2021, 82, 561-573.	2.6	1
963	The Influence of White Matter Hyperintensities and Functional Connectivity on Cognition in Older Adults: A Commentary on Jaywant et al.. American Journal of Geriatric Psychiatry, 2021, , .	1.2	0

#	ARTICLE	IF	CITATIONS
965	Influence of White Matter Hyperintensities on Baseline and Longitudinal Amyloid- $\beta$ in Cognitively Normal Individuals. Journal of Alzheimer's Disease, 2021, 84, 91-101.	2.6	5
966	Carotid revascularization and cognitive impairment: the neglected role of cerebral small vessel disease. Neurological Sciences, 2022, 43, 139-152.	1.9	5
967	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
969	Lacunar Infarcts Defined by Magnetic Resonance Imaging of 3660 Elderly People: The Cardiovascular Health Study. Archives of Neurology, 1998, 55, 1217-1225.	4.5	474
970	Cerebral white matter lesions and cognitive function: The Rotterdam scan study. Annals of Neurology, 2000, 47, 145-151.	5.3	451
971	White Matter Lesions of the Elderly. , 2005, , 759-766.		2
972	Dysexecutive Syndrome After Stroke. , 2014, , 135-150.		1
973	Normal and Pathological Aging: From Animals to Humans. , 2009, , 1-28.		11
974	Cognition in Type 2 Diabetes or Pre-diabetic Stages. , 2009, , 295-322.		6
975	VITA study: white matter hyperintensities of vascular and degenerative origin in the elderly. , 2007, , 181-188.		13
976	White Matter Disease. , 2017, , 191-218.		3
977	Measuring Brain Lesion Progression with a Supervised Tissue Classification System. Lecture Notes in Computer Science, 2008, 11, 620-627.	1.3	61
978	Fully-Automated White Matter Hyperintensity Detection with Anatomical Prior Knowledge and without FLAIR. Lecture Notes in Computer Science, 2009, 21, 239-251.	1.3	84
980	Demenz. , 2017, , 1377-1465.		1
981	Frequency of white matter lesions and silent lacunar infarcts. Journal of Neural Transmission Supplementum, 2002, , 25-39.	0.5	48
982	Brain abnormalities in the elderly: frequency and predictors in the United States (the Cardiovascular) Tj ETQq1 1 0.784314 rgBT /Overl	0.5	34
983	Cognitive correlates of cerebral white matter changes. Journal of Neural Transmission Supplementum, 1998, 53, 41-67.	0.5	55
984	Concepts on the prognostic significance of white matter changes. Journal of Neural Transmission Supplementum, 1998, 53, 69-78.	0.5	13



#	ARTICLE	IF	CITATIONS
985	White matter changes: the clinical consequences in the aging population. , 2000, 59, 1-8.		7
986	Cerebral Microvascular and Macrovascular Disease in the Aging Brain; Similarities and Differences. , 2000, , 59-78.		3
987	Primary and Secondary Hypertension. , 2012, , 1670-1751.		4
989	Morphology of perivascular spaces and enclosed blood vessels in young to middle-aged healthy adults at 7T: Dependences on age, brain region, and breathing gas. Neurolmage, 2020, 218, 116978.	4.2	28
991	The cognitive correlates of white matter abnormalities in normal aging: A quantitative review.. Neuropsychology, 2000, 14, 224-232.	1.3	368
993	17 White Matter Hyperintensities in Aging and Dementia. , 2009, , 273-292.		3
994	Development of an Automated Method for the Detection of Chronic Lacunar Infarct Regions in Brain MR Images. IEICE Transactions on Information and Systems, 2007, E90-D, 943-954.	0.7	14
997	Age-related differences in functional brain network segregation are consistent with a cascade of cerebrovascular, structural, and cognitive effects. Network Neuroscience, 2020, 4, 89-114.	2.6	25
998	A Volumetric Study of MRI Signal Hyperintensities in Late-Life Depression. American Journal of Geriatric Psychiatry, 2004, 12, 606-612.	1.2	62
999	2018 Chinese Guidelines for Prevention and Treatment of Hypertension-A report of the Revision Committee of Chinese Guidelines for Prevention and Treatment of Hypertension. Journal of Geriatric Cardiology, 2019, 16, 182-241.	0.2	380
1000	Quantitative MRI in CADASIL. Neurology, 1999, 52, 1361-1361.	1.1	102
1001	MRI white matter hyperintensities. Neurology, 1999, 53, 132-132.	1.1	287
1002	Brain arteriolosclerosis and hemodynamic disturbance may induce leukoaraiosis. Neurology, 1999, 53, 1833-1833.	1.1	40
1003	Contrast-Based Fully Automatic Segmentation of White Matter Hyperintensities: Method and Validation. PLoS ONE, 2012, 7, e48953.	2.5	49
1004	Comparing Cerebral White Matter Lesion Burdens between Parkinson's Disease with and without Dementia. Journal of Movement Disorders, 2010, 3, 6-10.	1.3	3
1005	Anatomic and neuropsychological findings in low-educated cognitively intact elderly from a Brazilian cohort. Dementia E Neuropsychologia, 2019, 13, 378-385.	0.8	4
1006	Blood Pressure and White Matter Hyperintensity Volume - A Review of the Relationship and Implications for Stroke Prediction and Prevention. European Neurological Review, 2012, 7, 174.	0.5	4
1007	Advances in Therapeutic Options for Gait and Balance in Parkinson's Disease. US Neurology, 2011, 07, 100.	0.2	17

#	ARTICLE	IF	CITATIONS
1008	Vascular dementia: prevention and treatment. <i>Clinical Interventions in Aging</i> , 2006, 1, 229-235.	2.9	48
1009	MRI parameters of Alzheimer's disease in an Arab population of Wadi Ara, Israel. <i>Neuropsychiatric Disease and Treatment</i> , 2005, 1, 77-85.	2.2	1
1010	Cognitive dysfunctions associated with white matter damage due to cardiovascular burden – determinants and interpretations. <i>Polish Psychological Bulletin</i> , 2014, 45, 334-345.	0.3	1
1011	HEART FAILURE WITH LOW CARDIAC OUTPUT AND RISK OF DEVELOPMENT OF LESIONS IN THE CEREBRAL WHITE MATTER. <i>Electronic Journal of General Medicine</i> , 2005, 2, .	0.7	3
1012	<i>Neuroimaging and Aging</i> . , 2003, , 81-100.		1
1013	Hypertension, cognitive decline, and dementia: an epidemiological perspective. <i>Dialogues in Clinical Neuroscience</i> , 2007, 9, 61-70.	3.7	65
1014	Pathways linking late-life depression to persistent cognitive impairment and dementia. <i>Dialogues in Clinical Neuroscience</i> , 2008, 10, 345-357.	3.7	401
1015	Structural neuroimaging in Alzheimer's disease: do white matter hyperintensities matter?. <i>Dialogues in Clinical Neuroscience</i> , 2009, 11, 181-190.	3.7	105
1016	Applications of magnetic resonance imaging for treatment-resistant late-life depression. <i>Dialogues in Clinical Neuroscience</i> , 2015, 17, 151-169.	3.7	15
1017	Clinical and radiologic features and their relationships with neurofunctional scores in patients with acute cerebellar infarct. <i>Annals of Indian Academy of Neurology</i> , 2016, 19, 211.	0.5	2
1018	Assessment of cerebrovascular reserve impairment using the breath-holding index in patients with leukoaraiosis. <i>Neural Regeneration Research</i> , 2019, 14, 1412.	3.0	10
1019	Resistive Cerebral Blood Flow as a Potential Marker of Subclinical Brain Damage in Essential Hypertension. <i>World Journal of Cardiovascular Diseases</i> , 2014, 04, 169-178.	0.2	4
1020	Impact of White Matter Lesions on Depression in the Patients with Alzheimer's Disease. <i>Psychiatry Investigation</i> , 2015, 12, 516.	1.6	12
1021	Asserted and neglected issues linking evidence-based and Chinese medicines for cardiac rehabilitation. <i>World Journal of Cardiology</i> , 2014, 6, 295.	1.5	3
1022	Asymptomatic Cerebral Small Vessel Disease: Insights from Population-Based Studies. <i>Journal of Stroke</i> , 2019, 21, 121-138.	3.2	98
1023	Left Ventricular Hypertrophy and Cerebral Small Vessel Disease: A Systematic Review and Meta-Analysis. <i>Journal of Stroke</i> , 2020, 22, 206-224.	3.2	10
1024	Nutrition and Exercise to Maintain Physical Functioning During Ageing. <i>Healthy Ageing and Longevity</i> , 2021, , 275-298.	0.2	0
1025	A geroscience motivated approach to treat Alzheimer's disease: Senolytics move to clinical trials. <i>Mechanisms of Ageing and Development</i> , 2021, 200, 111589.	4.6	15

#	ARTICLE	IF	CITATIONS
1026	Relationship between white matter hyperintensities and large artery stenotic lesions.. Nosotchu, 2000, 22, 387-394.	0.1	2
1027	Brain aging research at the close of the 20th century: from bench to bedside. Dialogues in Clinical Neuroscience, 2001, 3, 167-180.	3.7	4
1029	DEMENTIA FROM BRAIN VASCULAR DISEASE: THE SILENT EPIDEMIC. , 2003, , .		0
1030	Ventricle Registration for Inter-subject White Matter Lesion Analysis. Lecture Notes in Computer Science, 2004, , 712-719.	1.3	0
1031	The Principle Syndromes of Dementia. , 2004, , 1216-1233.		0
1032	Focal lesions of the cerebral white matter in patients with arterial hypertension as evidenced by 5-year prospective study. Arterial Hypertension (Russian Federation), 2004, 10, 23-25.	0.4	0
1033	Cerebrovascular Disease in the Elderly Hypertensive. , 2005, , 255-293.		0
1034	Microangiopathic Disease and Lacunar Stroke. Medical Radiology, 2006, , 193-208.	0.1	0
1035	The aggravation of white matter lesions induced by hypocapnia. Journal of the Japanese Society of Intensive Care Medicine, 2006, 13, 125-130.	0.0	0
1036	Cerebrovascular Disease in Hypertension. , 2007, , 392-405.		0
1040	16 MRI and the Differential Diagnosis of Dementia. , 2009, , 261-272.		0
1041	Silent brain infarctions and leuko-araiosis in Chinese patients with first-ever acute lacunar strokes. Journal of Biomedical Science and Engineering, 2010, 03, 443-447.	0.4	0
1042	Smoking and Mental Disorders: Focus on Neuroprotection. , 2010, , 555-575.		0
1043	Vascular Development, Stroke and Neurodegenerative Disease: A Place for Novel Clinical Interventions?. , 2010, , 313-338.		0
1044	Cerebral Small Vessel Disease, Hypertension, and Cognitive Function. , 2011, , 211-224.		0
1046	Demenz. , 2011, , 1240-1319.		0
1048	Cognitive and affective repercussions of vascular burden in the elderly. Swiss Archives of Neurology, Psychiatry and Psychotherapy, 2011, 162, 246-255.	0.0	0
1049	Assessment of Total Cardiovascular Risk in Hypertension: The Role of Subclinical Organ Damage. , 2012, , 199-211.		0

#	ARTICLE	IF	CITATIONS
1050	Relationship of White-Matter Lesions and Lacunar Infarcts with Cardiovascular Risk Factors. Laboratory Medicine Online, 2012, 2, 95.	0.2	0
1051	Immune Responses in HIV Infection, Alcoholism, and Aging: A Neuroimaging Perspective. , 2013, , 441-476.		0
1052	The Role of Cerebrovascular Disease in Cognitive Decline. , 2014, , 65-76.		0
1053	MRI Characterizations of Region Specific White Matter Hyperintensities and Vertebral Artery Stenosis. Journal of Neurological Disorders, 2014, 02, .	0.1	0
1054	Cerebrovascular mediated subclinical brain injury “ interaction between cardiovascular function, brain structure and cognitive function “ study rationale, design and principal methods. Journal of Medical Science, 2014, 83, 177-181.	0.7	1
1055	Vascular Depression and the Role of Neuroimaging and Biomarkers. , 2015, , 57-82.		0
1056	Prevalence of Neurocognitive Changes in Hypertensive Patients of 10 Years of Evolution. Journal of Cardiology & Current Research, 2015, 2, .	0.1	0
1057	White Matter Hyperintensities in Older Adults and Motoric Cognitive Risk Syndrome. Journal of Neuroimaging in Psychiatry & Neurology, 2016, 1, 73-78.	0.3	15
1058	Demenz. , 2016, , 1-89.		0
1059	Small Vessel Disease of the Brain and Stroke: Association with Clinic and Ambulatory Blood Pressure. Hypertension Journal, 2016, 2, 65-73.	0.1	0
1060	Vestibular-limbic relationships: Brain mapping. , 2017, 2, 007-013.		2
1061	Biomarkers of Alzheimer’s Disease. Mental Health and Illness Worldwide, 2017, , 1-35.	0.1	0
1062	Biomarkers of Alzheimer’s Disease. Mental Health and Illness Worldwide, 2017, , 105-139.	0.1	0
1063	Organs as a Target of Arterial Hypertension from the Perspective of Cerebral Lesions. Ukraïns’kij Zhurnal Medicini Bãologã Ta Sportu, 2017, 2, 120-127.	0.2	0
1067	Markers of early target-organ brain damage in essential arterial hypertension: the search continues. Possibilities of diffusion tensor magnetic resonance imaging. Systemic Hypertension, 2017, 14, 44-49.	0.6	0
1072	Are risk factors of cerebral small vessel disease differ from those in patients with high atherothrombotic risk without cerebrovascular disease?. Journal of Medical Science, 2018, 87, 145-153.	0.7	0
1073	STRATIFICATION OF NEPHROCEREBRAL AND CARDIOVASCULAR RISK IN CHRONIC GLOMERULONEPHRITIS (LITERATURE REVIEW). Russian Archives of Internal Medicine, 2018, 8, 418-423.	0.2	1
1075	Blood-Borne Biomarkers of Hypertension Predicting Hemorrhagic and Ischemic Stroke. Neuromethods, 2020, , 125-155.	0.3	0

#	ARTICLE	IF	CITATIONS
1076	Brain Microcirculation and Silent Cerebral Damage. , 2020, , 173-181.		0
1079	Structural changes in the aging brain. , 2020, , 59-69.		0
1080	Small vessel disease and dementia. , 2020, , 33-48.		0
1081	White Matter Abnormalities in Patients with Cerebrovascular Disease. , 2005, , 363-375.		1
1083	Coagulation factor VIII, white matter hyperintensities and cognitive function: Results from the Cardiovascular Health Study. PLoS ONE, 2020, 15, e0242062.	2.5	1
1084	Magnetization transfer ratio of white matter hyperintensities in subcortical ischemic vascular dementia. American Journal of Neuroradiology, 1999, 20, 839-44.	2.4	40
1086	A review of etiologies of depression in COPD. International Journal of COPD, 2007, 2, 485-91.	2.3	13
1089	Type 2 diabetes mellitus, cognition and brain in aging: A brief review. Indian Journal of Psychiatry, 2009, 51 Suppl 1, S35-8.	0.7	6
1090	Frontal and periventricular brain white matter lesions and cortical deafferentation of cholinergic and other neuromodulatory axonal projections. European Neurological Journal, 2009, 1, 33-50.	0.0	20
1091	Vascular changes and brain plasticity: a new approach to neurodegenerative diseases. American Journal of Neurodegenerative Disease, 2012, 1, 152-9.	0.1	3
1093	Hypertension as a risk factor for developing depressive symptoms among community-dwelling elders. Revista De Investigacion Clinica, 2009, 61, 274-80.	0.4	13
1094	Genetics of Vascular Dementia. Minerva Psichiatrica, 2010, 51, 9-25.	1.2	1
1095	MR imaging after aneurysmal subarachnoid hemorrhage and surgery: a long-term follow-up study. American Journal of Neuroradiology, 2001, 22, 1143-8.	2.4	50
1096	Age-related changes in normal-appearing brain tissue and white matter hyperintensities: more of the same or something else?. American Journal of Neuroradiology, 2005, 26, 725-9.	2.4	31
1097	Not all age-related white matter hyperintensities are the same: a magnetization transfer imaging study. American Journal of Neuroradiology, 2006, 27, 1964-8.	2.4	52
1098	Associations of subclinical cerebral small vessel disease and processing speed in non-demented subjects: A 7-year study. NeuroImage: Clinical, 2021, 32, 102884.	2.7	10
1099	Vascular Cognitive Impairment. , 2022, , 441-458.		0
1100	Recommendations for traveling to altitude with neurological disorders. Journal of Central Nervous System Disease, 2021, 13, 117957352110534.	1.9	9

#	ARTICLE	IF	CITATIONS
1101	Stany zapalne mózgu a funkcje neuropsychologiczne osób zakażonych HIV. , 2021, , .		0
1102	Pathogenesis and Imaging Features of Cerebral White Matter Lesions of Vascular Origins. , 2021, 12, 2031.		10
1103	The role of inflammasomes in vascular cognitive impairment. Molecular Neurodegeneration, 2022, 17, 4.	10.8	43
1104	Cerebrospinal Fluid Biomarkers, Brain Structural and Cognitive Performances Between Normotensive and Hypertensive Controlled, Uncontrolled and Untreated 70-Year-Old Adults. Frontiers in Aging Neuroscience, 2021, 13, 777475.	3.4	4
1105	Relationship of the Triglyceride-Glucose Index with Subclinical White Matter Hypersensitivities of Presumed Vascular Origin Among Community-Dwelling Koreans. International Journal of General Medicine, 2022, Volume 15, 603-608.	1.8	2
1106	Exercise Capacity and Frailty Are Associated with Cerebral White Matter Hyperintensity in Older Adults with Cardiovascular Disease. International Heart Journal, 2022, 63, 77-84.	1.0	1
1108	Hypertension-Mediated Organ Damage: Prevalence, Correlates, and Prognosis in the Community. Hypertension, 2022, 79, 505-515.	2.7	25
1109	Association between serum free hemoglobin level and cerebral white matter hyperintensity volume in older adults. Scientific Reports, 2022, 12, 3296.	3.3	1
1111	Abnormal Cerebrovascular Reactivity and Functional Connectivity Caused by White Matter Hyperintensity Contribute to Cognitive Decline. Frontiers in Neuroscience, 2022, 16, 807585.	2.8	5
1112	Association of Brain Volumes and White Matter Injury With Race, Ethnicity, and Cardiovascular Risk Factors: The Multi-Ethnic Study of Atherosclerosis. Journal of the American Heart Association, 2022, 11, e023159.	3.7	21
1113	The flexibility of cognitive reserve in regulating the frontoparietal control network and cognitive function in subjects with white matter hyperintensities. Behavioural Brain Research, 2022, 425, 113831.	2.2	7
1115	Association of Serum Neurofilament Light Chain Concentration and MRI Findings in Older Adults. Neurology, 2022, 98, .	1.1	9
1117	White Matter Lesions. , 2008, , 1960-1960.		0
1129	Risk Factors for Silent Brain Infarcts and White Matter Disease in a Real-World Cohort Identified by Natural Language Processing. Mayo Clinic Proceedings, 2022, 97, 1114-1122.	3.0	2
1130	Vaskuläre Demenz: Wie erkennen und behandeln?. , 0, , .		0
1131	Association of white matter lesions with orthostatic hypotension.. American Journal of Translational Research (discontinued), 2022, 14, 2410-2418.	0.0	0
1133	The Value of Neuroimaging in Dementia Diagnosis. CONTINUUM Lifelong Learning in Neurology, 2022, 28, 800-821.	0.8	2
1134	Regional associations of white matter hyperintensities and early cortical amyloid pathology. Brain Communications, 2022, 4, .	3.3	9

#	ARTICLE	IF	CITATIONS
1135	PR interval duration is associated with the presence of white matter hyperintensities: Insights from the epidemiologic LIFE-Adult Study. PLoS ONE, 2022, 17, e0269815.	2.5	0
1136	Relationship Between Arterial Stiffness Index, Pulse Pressure, and Magnetic Resonance Imaging Markers of White Matter Integrity: A UK Biobank Study. Frontiers in Aging Neuroscience, 0, 14, .	3.4	6
1137	Relation Between Sex, Menopause, and White Matter Hyperintensities. Neurology, 2022, 99, .	1.1	31
1138	Lung Function Impairment Is Related to Subclinical Atherosclerosis Only in Active Smokers. , 2022, 1, 24-35.		0
1139	White matter damage as a consequence of vascular dysfunction in a spontaneous mouse model of chronic mild chronic hypoperfusion with eNOS deficiency. Molecular Psychiatry, 2022, 27, 4754-4769.	7.9	16
1140	Effects of Ceftriaxone on Oxidative Stress and Inflammation in a Rat Model of Chronic Cerebral Hypoperfusion. Behavioral Sciences (Basel, Switzerland), 2022, 12, 287.	2.1	3
1141	Epilepsy, Vascular Risk Factors, and Cognitive Decline in Older Adults. Neurology, 2022, 99, .	1.1	3
1142	Associations of Pulmonary Function with MRI Brain Volumes: A Coordinated Multi-Study Analysis. Journal of Alzheimer's Disease, 2022, 90, 1073-1083.	2.6	4
1143	Diabetes mellitus associated neurovascular lesions in the retina and brain: A review. Frontiers in Ophthalmology, 0, 2, .	0.5	3
1144	Association of covert brain infarcts and white matter hyperintensities with risk of hip fracture in older adults: the Cardiovascular Health Study. Osteoporosis International, 2023, 34, 91-99.	3.1	1
1145	Gait variability predicts cognitive impairment in older adults with subclinical cerebral small vessel disease. Frontiers in Aging Neuroscience, 0, 14, .	3.4	5
1148	Association of Incidentally Discovered Covert Cerebrovascular Disease Identified Using Natural Language Processing and Future Dementia. Journal of the American Heart Association, 2023, 12, .	3.7	4
1149	Association of cerebral white matter hyperintensities with coronary artery calcium in a healthy population: a cross-sectional study. Scientific Reports, 2022, 12, .	3.3	5
1150	Is the female sex associated with an increased risk for long-term cognitive decline after the first-ever lacunar stroke? Prospective study on small vessel disease cohort. Frontiers in Neurology, 0, 13, .	2.4	3
1152	Chinese expert consensus on the risk assessment and management of panvascular disease inpatients with type 2 diabetes mellitus (2022 edition). Cardiology Plus, 2022, 7, 162-177.	0.7	5
1153	Evaluation of Associations of Growth Differentiation Factor-11, Growth Differentiation Factor-8 and their Binding Proteins Follistatin and Follistatin-like protein-3 with Dementia and Cognition. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 0, , .	3.6	1
1154	Circulating cardiac biomarkers, structural brain changes, and dementia: Emerging insights and perspectives. Alzheimer's and Dementia, 2023, 19, 1529-1548.	0.8	4
1155	In vivo detection of penetrating arteriole alterations in cerebral white matter in patients with diabetes with 7ÂT MRI. Magnetic Resonance Imaging, 2023, 100, 84-92.	1.8	2



#	ARTICLE	IF	CITATIONS
1156	Investigating the factors that explain white matter hyperintensity load in older Indians. <i>Brain Communications</i> , 2022, 5, .	3.3	0
1157	Subsystem mechanisms of default mode network underlying white matter hyperintensityâ€related cognitive impairment. <i>Human Brain Mapping</i> , 2023, 44, 2365-2379.	3.6	3
1159	Hypertensive emergencies and urgencies: a preliminary report of the ongoing Italian multicentric study ERIDANO. <i>Hypertension Research</i> , 2023, 46, 1570-1581.	2.7	2
1160	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.	3.0	3
1162	Choroid Plexus Enlargement Exacerbates White Matter Hyperintensity Growth through Glymphatic Impairment. <i>Annals of Neurology</i> , 2023, 94, 182-195.	5.3	8
1163	Differences in white matter hyperintensities in socioeconomically deprived groups: results of the population-based LIFE Adult Study. <i>International Psychogeriatrics</i> , 0, , 1-14.	1.0	0
1164	Early Subacute White Matter Hyperintensities and Recovery of Language After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2023, 37, 218-227.	2.9	1
1165	Investigation of the association between central arterial stiffness and aggregate g-ratio in cognitively unimpaired adults. <i>Frontiers in Neurology</i> , 0, 14, .	2.4	2
1167	Magnetic resonance imaging of white matter in Alzheimer's disease: a global bibliometric analysis from 1990 to 2022. <i>Frontiers in Neuroscience</i> , 0, 17, .	2.8	3
1168	Impact of white matter hyperintensities on subjective cognitive decline phenotype in a diverse cohort of cognitively normal older adults. <i>International Journal of Geriatric Psychiatry</i> , 2023, 38, .	2.7	0
1169	White Matter Hyperintensities: Complex Predictor of Complex Outcomes. <i>Journal of the American Heart Association</i> , 2023, 12, .	3.7	1
1170	Spatial patterns of white matter hyperintensities: a systematic review. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	3.4	7
1171	Antiplatelet Therapy or Not for Asymptomatic/Incidental Lacunar Infarction. <i>Stroke</i> , 2023, 54, 1954-1959.	2.0	0
1172	Frequency specificity in the amplitude of low frequency oscillations in patients with white matter lesions. <i>Journal of Clinical Neuroscience</i> , 2023, 113, 86-92.	1.5	0
1173	Leukoaraiosis is not associated with recovery from aphasia in the first year after stroke. <i>Neurobiology of Language (Cambridge, Mass )</i> , 0, , 1-30.	3.1	0
1174	A Postmortem MRI Study of Cerebrovascular Disease and Iron Content at End-Stage of Fragile X-Associated Tremor/Ataxia Syndrome. <i>Cells</i> , 2023, 12, 1898.	4.1	0
1175	The correlation between medial pattern of intracranial arterial calcification and white matter hyperintensities. <i>Atherosclerosis</i> , 2023, 381, 117247.	0.8	0
1176	Evaluation of Dietary Intake in Individuals with Mild Cognitive Impairment. <i>Nutrients</i> , 2023, 15, 3694.	4.1	0

#	ARTICLE	IF	CITATIONS
1177	A Novel Needle Mouse Model of Vascular Cognitive Impairment and Dementia. Journal of Neuroscience, 2023, 43, 7351-7360.	3.6	1
1178	Prevalence and Risk Factors of Cerebral Small Vessel Disease from a Population-Based Cohort in China. Neuroepidemiology, 2023, 57, 413-422.	2.3	1
1179	Distribution of cerebral age-related white matter changes in relation to risk factors in stroke patients. Clinical Neurology and Neurosurgery, 2023, 235, 108018.	1.4	0
1180	Associations between white matter hyperintensities, lacunes, entorhinal cortex thickness, declarative memory and leisure activity in cognitively healthy older adults: A 7-year study. NeuroImage, 2023, 284, 120461.	4.2	1
1181	Predictive Values of the CHA2DS2-VASc Score and Left Atrial Diameter for Cerebral Small Vessel Disease in Geriatric Patients With Atrial Fibrillation. Cureus, 2023, , .	0.5	0
1182	Acquired Incidental Findings of the Brain and Spine. , 2023, , 317-332.		0
1183	Cerebrospinal fluid neurofilament light chain mediates age-associated lower learning and memory in healthy adults. Neurobiology of Aging, 2024, 135, 39-47.	3.1	0
1184	The volume and the distribution of premorbid white matter hyperintensities: Impact on postâ€stroke aphasia. Human Brain Mapping, 2024, 45, .	3.6	0
1185	Mild Cognitive Impairment Progression and Alzheimerâ€™s Disease Risk: A Comprehensive Analysis of 3553 Cases over 203 Months. Journal of Clinical Medicine, 2024, 13, 518.	2.4	0
1186	Association of Mean Upper Cervical Spinal Cord Cross-Sectional Area With Cerebral Small Vessel Disease: A Community-Based Cohort Study. Stroke, 2024, 55, 687-695.	2.0	0
1187	FLAIR Hyperintensities in the Anterior Part of the Callosal Splenium in the Elderly Population: A Large Cohort Study. Academic Radiology, 2024, , .	2.5	0
1188	Atypical clinical variants of Alzheimerâ€™s disease: are they really atypical?. Frontiers in Neuroscience, 0, 18, .	2.8	0
1189	Automatic identification of hypertension and assessment of its secondary effects using artificial intelligence: A systematic review (2013â€“2023). Computers in Biology and Medicine, 2024, 172, 108207.	7.0	0
1191	Subtle white matter intensity changes on fluid-attenuated inversion recovery imaging in patients with ischaemic stroke. Brain Communications, 2024, 6, .	3.3	0