

Mark van Buchem

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8081840/publications.pdf>

Version: 2024-02-01

465
papers

33,710
citations

3731

89
h-index

5829

161
g-index

475
all docs

475
docs citations

475
times ranked

33118
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroimaging standards for research into small vessel disease and its contribution to ageing and neurodegeneration. <i>Lancet Neurology</i> , The, 2013, 12, 822-838.	10.2	3,919
2	Cerebral microbleeds: a guide to detection and interpretation. <i>Lancet Neurology</i> , The, 2009, 8, 165-174.	10.2	1,503
3	Migraine as a Risk Factor for Subclinical Brain Lesions. <i>JAMA - Journal of the American Medical Association</i> , 2004, 291, 427.	7.4	845
4	Prevalence of superficial siderosis in patients with cerebral amyloid angiopathy. <i>Neurology</i> , 2010, 74, 1346-1350.	1.1	763
5	Arterial stiffness, pressure and flow pulsatility and brain structure and function: the Age, Gene/Environment Susceptibility "Reykjavik Study. <i>Brain</i> , 2011, 134, 3398-3407.	7.6	713
6	EULAR recommendations for the management of systemic lupus erythematosus with neuropsychiatric manifestations: report of a task force of the EULAR standing committee for clinical affairs. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 2074-2082.	0.9	578
7	Vascular dysfunction"the disregarded partner of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 158-167.	0.8	454
8	Strongly reduced volumes of putamen and thalamus in Alzheimer's disease: an MRI study. <i>Brain</i> , 2008, 131, 3277-3285.	7.6	437
9	Whole brain resting-state analysis reveals decreased functional connectivity in major depression. <i>Frontiers in Systems Neuroscience</i> , 2010, 4, .	2.5	414
10	Blood-Brain Barrier Leakage in Patients with Early Alzheimer Disease. <i>Radiology</i> , 2016, 281, 527-535.	7.3	411
11	Regional Brain Volume in Depression and Anxiety Disorders. <i>Archives of General Psychiatry</i> , 2010, 67, 1002.	12.3	330
12	Infarcts in the posterior circulation territory in migraine. The population-based MRI CAMERA study. <i>Brain</i> , 2005, 128, 2068-2077.	7.6	328
13	Reduced Medial Prefrontal Cortex Volume in Adults Reporting Childhood Emotional Maltreatment. <i>Biological Psychiatry</i> , 2010, 68, 832-838.	1.3	312
14	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
15	Chronic sinusitis in severe asthma is related to sputum eosinophilia. <i>Journal of Allergy and Clinical Immunology</i> , 2002, 109, 621-626.	2.9	281
16	Multiple sclerosis lesion quantification using fuzzy-connectedness principles. <i>IEEE Transactions on Medical Imaging</i> , 1997, 16, 598-609.	8.9	278
17	Increase in periventricular white matter hyperintensities parallels decline in mental processing speed in a non-demented elderly population. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006, 77, 149-153.	1.9	246
18	Assessment of middle cerebral artery diameter during hypocapnia and hypercapnia in humans using ultra-high-field MRI. <i>Journal of Applied Physiology</i> , 2014, 117, 1084-1089.	2.5	246

#	ARTICLE	IF	CITATIONS
19	Cerebral blood flow in small vessel disease: A systematic review and meta-analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1653-1667.	4.3	223
20	Quantitative volumetric magnetization transfer analysis in multiple sclerosis: Estimation of macroscopic and microscopic disease burden. <i>Magnetic Resonance in Medicine</i> , 1996, 36, 632-636.	3.0	222
21	Fully automatic segmentation of white matter hyperintensities in MR images of the elderly. <i>NeuroImage</i> , 2005, 28, 607-617.	4.2	222
22	Common variants at 12q14 and 12q24 are associated with hippocampal volume. <i>Nature Genetics</i> , 2012, 44, 545-551.	21.4	212
23	Cerebral microbleeds in CADASIL. <i>Neurology</i> , 2001, 57, 1066-1070.	1.1	209
24	Beyond acute social stress: Increased functional connectivity between amygdala and cortical midline structures. <i>NeuroImage</i> , 2011, 57, 1534-1541.	4.2	207
25	Cerebral microbleeds in the population based AGES-Reykjavik study: prevalence and location. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 1002-1006.	1.9	206
26	Enhanced amygdala reactivity to emotional faces in adults reporting childhood emotional maltreatment. <i>Social Cognitive and Affective Neuroscience</i> , 2013, 8, 362-369.	3.0	200
27	Attack Frequency and Disease Duration as Indicators for Brain Damage in Migraine. <i>Headache</i> , 2008, 48, 1044-1055.	3.9	198
28	Cerebral microbleeds, retinopathy, and dementia. <i>Neurology</i> , 2010, 75, 2221-2228.	1.1	197
29	Structural Brain Changes in Migraine. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 1889.	7.4	197
30	Migraine and MTHFR C677T genotype in a population-based sample. <i>Annals of Neurology</i> , 2006, 59, 372-375.	5.3	193
31	Can arterial spin labeling detect white matter perfusion signal?. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 165-173.	3.0	183
32	Migraine Headache in Middle Age and Late-Life Brain Infarcts. <i>JAMA - Journal of the American Medical Association</i> , 2009, 301, 2563.	7.4	183
33	Progression of brain atrophy and cognitive decline in diabetes mellitus. <i>Neurology</i> , 2010, 75, 997-1002.	1.1	182
34	Hierarchical functional modularity in the resting-state human brain. <i>Human Brain Mapping</i> , 2009, 30, 2220-2231.	3.6	174
35	Neuropsychiatric systemic lupus erythematosus: Lessons learned from magnetic resonance imaging. <i>Arthritis and Rheumatism</i> , 2011, 63, 722-732.	6.7	174
36	Correlation of volumetric magnetization transfer imaging with clinical data in MS. <i>Neurology</i> , 1998, 50, 1609-1617.	1.1	169

#	ARTICLE	IF	CITATIONS
37	Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy: MR Imaging Findings at Different Ages—3rd–6th Decades. <i>Radiology</i> , 2003, 229, 683-690.	7.3	165
38	Multiethnic Genome-Wide Association Study of Cerebral White Matter Hyperintensities on MRI. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 398-409.	5.1	162
39	The increasing impact of cerebral amyloid angiopathy: essential new insights for clinical practice. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 982-994.	1.9	162
40	Impact of molecular imaging on the diagnostic process in a memory clinic. <i>Alzheimer's and Dementia</i> , 2013, 9, 414-421.	0.8	159
41	Operational Definitions for the NINDS-AIREN Criteria for Vascular Dementia. <i>Stroke</i> , 2003, 34, 1907-1912.	2.0	158
42	Functional brain connectivity at rest changes after working memory training. <i>Human Brain Mapping</i> , 2013, 34, 396-406.	3.6	157
43	Memory complaints in patients with normal cognition are associated with smaller hippocampal volumes. <i>Journal of Neurology</i> , 2004, 251, 671-5.	3.6	156
44	Neurovascular unit impairment in early Alzheimer's disease measured with magnetic resonance imaging. <i>Neurobiology of Aging</i> , 2016, 45, 190-196.	3.1	146
45	A Comprehensive Study of Whole-Brain Functional Connectivity in Children and Young Adults. <i>Cerebral Cortex</i> , 2011, 21, 385-391.	2.9	143
46	Cerebrovascular hemodynamics in Alzheimer's disease and vascular dementia: A meta-analysis of transcranial Doppler studies. <i>Ageing Research Reviews</i> , 2012, 11, 271-277.	10.9	143
47	Brain Stem and Cerebellar Hyperintense Lesions in Migraine. <i>Stroke</i> , 2006, 37, 1109-1112.	2.0	141
48	Reproducibility of total cerebral blood flow measurements using phase contrast magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 16, 1-5.	3.4	138
49	Large Perivascular Spaces Visible on Magnetic Resonance Imaging, Cerebral Small Vessel Disease Progression, and Risk of Dementia. <i>JAMA Neurology</i> , 2017, 74, 1105.	9.0	136
50	Structural and functional brain connectivity in presymptomatic familial frontotemporal dementia. <i>Neurology</i> , 2013, 80, 814-823.	1.1	134
51	Iron Accumulation in Deep Brain Nuclei in Migraine: A Population-Based Magnetic Resonance Imaging Study. <i>Cephalalgia</i> , 2009, 29, 351-359.	3.9	132
52	Increased Functional Connectivity and Brain Atrophy in Elderly with Subjective Memory Complaints. <i>Brain Connectivity</i> , 2013, 3, 353-362.	1.7	132
53	Common variants at 12q15 and 12q24 are associated with infant head circumference. <i>Nature Genetics</i> , 2012, 44, 532-538.	21.4	130
54	Magnetization transfer imaging in normal aging, mild cognitive impairment, and Alzheimer's disease. <i>Annals of Neurology</i> , 2002, 52, 62-67.	5.3	127

#	ARTICLE	IF	CITATIONS
55	Frontal lobe structure and executive function in migraine patients. <i>Neuroscience Letters</i> , 2008, 440, 92-96.	2.1	127
56	Early changes in white matter pathways of the sensorimotor cortex in premanifest Huntington's disease. <i>Human Brain Mapping</i> , 2012, 33, 203-212.	3.6	127
57	Association of visit-to-visit variability in blood pressure with cognitive function in old age: prospective cohort study. <i>BMJ, The</i> , 2013, 347, f4600-f4600.	6.0	127
58	Structural and functional brain connectivity in presymptomatic familial frontotemporal dementia. <i>Neurology</i> , 2014, 83, e19-26.	1.1	127
59	Common variants at 6q22 and 17q21 are associated with intracranial volume. <i>Nature Genetics</i> , 2012, 44, 539-544.	21.4	126
60	Outcome markers for clinical trials in cerebral amyloid angiopathy. <i>Lancet Neurology, The</i> , 2014, 13, 419-428.	10.2	124
61	Effect of Subanesthetic Ketamine on Intrinsic Functional Brain Connectivity. <i>Anesthesiology</i> , 2012, 117, 868-877.	2.5	123
62	Coronary Artery Calcium, Brain Function and Structure. <i>Stroke</i> , 2010, 41, 891-897.	2.0	122
63	Early atrophy of pallidum and accumbens nucleus in Huntington's disease. <i>Journal of Neurology</i> , 2011, 258, 412-420.	3.6	121
64	Cerebral Infarcts and Cognitive Performance. <i>Stroke</i> , 2009, 40, 677-682.	2.0	119
65	Cortical Iron Reflects Severity of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 1533-1545.	2.6	119
66	Syncope in migraine. <i>Neurology</i> , 2006, 66, 1034-1037.	1.1	118
67	High Blood Pressure and Resilience to Physical and Cognitive Decline in the Oldest Old: The Leiden 85+ Study. <i>Journal of the American Geriatrics Society</i> , 2012, 60, 2014-2019.	2.6	118
68	Space and location of cerebral microbleeds, cognitive decline, and dementia in the community. <i>Neurology</i> , 2017, 88, 2089-2097.	1.1	117
69	Enhanced glutathione PEGylated liposomal brain delivery of an anti-amyloid single domain antibody fragment in a mouse model for Alzheimer's disease. <i>Journal of Controlled Release</i> , 2015, 203, 40-50.	9.9	114
70	Retinal vasculopathy with cerebral leukoencephalopathy and systemic manifestations. <i>Brain</i> , 2016, 139, 2909-2922.	7.6	114
71	Endogenous cortisol is associated with functional connectivity between the amygdala and medial prefrontal cortex. <i>Psychoneuroendocrinology</i> , 2012, 37, 1039-1047.	2.7	113
72	Diabetes, markers of brain pathology and cognitive function. <i>Annals of Neurology</i> , 2014, 75, 138-146.	5.3	113

#	ARTICLE	IF	CITATIONS
73	Production of IL-1 β and IL-1Ra as risk factors for susceptibility and progression of relapse-onset multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2002, 126, 172-179.	2.3	111
74	Descriptive Analysis of the Boston Criteria Applied to a Dutch-Type Cerebral Amyloid Angiopathy Population. <i>Stroke</i> , 2009, 40, 3022-3027.	2.0	111
75	Extraversion Is Linked to Volume of the Orbitofrontal Cortex and Amygdala. <i>PLoS ONE</i> , 2011, 6, e28421.	2.5	111
76	Cerebral Microbleeds Are Predictive of Mortality in the Elderly. <i>Stroke</i> , 2011, 42, 638-644.	2.0	110
77	Nitric oxide mediates hypoxia-induced cerebral vasodilation in humans. <i>Journal of Applied Physiology</i> , 2002, 92, 962-966.	2.5	108
78	Effect of Discontinuation of Antihypertensive Treatment in Elderly People on Cognitive Functioning—the DANTE Study Leiden. <i>JAMA Internal Medicine</i> , 2015, 175, 1622.	5.1	107
79	Cerebrovascular Damage Mediates Relations Between Aortic Stiffness and Memory. <i>Hypertension</i> , 2016, 67, 176-182.	2.7	107
80	Decline in Total Cerebral Blood Flow Is Linked with Increase in Periventricular but Not Deep White Matter Hyperintensities. <i>Radiology</i> , 2007, 243, 198-203.	7.3	106
81	Cerebral Small Vessel Disease and Association With Higher Incidence of Depressive Symptoms in a General Elderly Population: The AGES-Reykjavik Study. <i>American Journal of Psychiatry</i> , 2015, 172, 570-578.	7.2	106
82	Practice effects in the brain: Changes in cerebral activation after working memory practice depend on task demands. <i>NeuroImage</i> , 2010, 52, 658-668.	4.2	105
83	Lacunar Infarcts Are the Main Correlate With Cognitive Dysfunction in CADASIL. <i>Stroke</i> , 2007, 38, 923-928.	2.0	104
84	Risk Factors Associated With Incident Cerebral Microbleeds According to Location in Older People. <i>JAMA Neurology</i> , 2015, 72, 682.	9.0	103
85	Shape differences of the brain ventricles in Alzheimer's disease. <i>NeuroImage</i> , 2006, 32, 1060-1069.	4.2	102
86	MR Angiography of the Intracranial Venous System. <i>Radiology</i> , 2000, 214, 678-682.	7.3	98
87	Effects of morphine and alcohol on functional brain connectivity during "resting state" A placebo-controlled crossover study in healthy young men. <i>Human Brain Mapping</i> , 2012, 33, 1003-1018.	3.6	98
88	Subcortical Lacunar Lesions: An MR Imaging Finding in Patients with Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy. <i>Radiology</i> , 2002, 224, 791-796.	7.3	97
89	Cortical atrophy in patients with cerebral amyloid angiopathy: a case-control study. <i>Lancet Neurology</i> , The, 2016, 15, 811-819.	10.2	96
90	Resting-state functional connectivity of brain regions involved in cognitive control, motivation, and reward is enhanced in obese females. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 524-531.	4.7	95

#	ARTICLE	IF	CITATIONS
91	Effect of pravastatin on cerebral infarcts and white matter lesions. <i>Neurology</i> , 2005, 64, 1807-1809.	1.1	94
92	Mortality in neuropsychiatric systemic lupus erythematosus (NPSLE). <i>Lupus</i> , 2014, 23, 31-38.	1.6	94
93	Postmortem MRI and histology demonstrate differential iron accumulation and cortical myelin organization in early- and late-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 62, 231-242.	3.1	93
94	MRI correlates of cognitive decline in CADASIL. <i>Neurology</i> , 2009, 72, 143-148.	1.1	92
95	Retinal and Cerebral Microvascular Signs and Diabetes. <i>Diabetes</i> , 2008, 57, 1645-1650.	0.6	91
96	Reduced cerebral gray matter and altered white matter in boys with Duchenne muscular dystrophy. <i>Annals of Neurology</i> , 2014, 76, 403-411.	5.3	90
97	Brain histopathology in patients with systemic lupus erythematosus: identification of lesions associated with clinical neuropsychiatric lupus syndromes and the role of complement. <i>Rheumatology</i> , 2017, 56, 77-86.	1.9	90
98	Obesity is marked by distinct functional connectivity in brain networks involved in food reward and salience. <i>Behavioural Brain Research</i> , 2015, 287, 127-134.	2.2	89
99	Cerebral small vessel disease genomics and its implications across the lifespan. <i>Nature Communications</i> , 2020, 11, 6285.	12.8	89
100	Different progression rates for deep white matter hyperintensities in elderly men and women. <i>Neurology</i> , 2004, 63, 1699-1701.	1.1	88
101	Brain tissue volumes in the general population of the elderly. <i>NeuroImage</i> , 2012, 59, 3862-3870.	4.2	88
102	Effects of fluoxetine on disease activity in relapsing multiple sclerosis: a double-blind, placebo-controlled, exploratory study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 1027-1031.	1.9	86
103	Functional Magnetic Resonance Imaging Correlates of Emotional Word Encoding and Recognition in Depression and Anxiety Disorders. <i>Biological Psychiatry</i> , 2012, 71, 593-602.	1.3	84
104	Smaller grey matter volumes in the anterior cingulate cortex and greater cerebellar volumes in patients with long-term remission of Cushing's disease: a case-control study. <i>European Journal of Endocrinology</i> , 2013, 169, 811-819.	3.7	84
105	Middle cerebral artery diameter changes during rhythmic handgrip exercise in humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2921-2927.	4.3	84
106	Evidence of central nervous system damage in patients with neuropsychiatric systemic lupus erythematosus, demonstrated by magnetization transfer imaging. <i>Arthritis and Rheumatism</i> , 2000, 43, 48-54.	6.7	83
107	Neuroticism and extraversion are associated with amygdala resting-state functional connectivity. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014, 14, 836-848.	2.0	83
108	Genome-Wide Association Studies of MRI-Defined Brain Infarcts. <i>Stroke</i> , 2010, 41, 210-217.	2.0	82

#	ARTICLE	IF	CITATIONS
109	Clinical significance of cerebral microbleeds on MRI: A comprehensive meta-analysis of risk of intracerebral hemorrhage, ischemic stroke, mortality, and dementia in cohort studies (v1). <i>International Journal of Stroke</i> , 2018, 13, 454-468.	5.9	82
110	Joint effect of mid- and late-life blood pressure on the brain. <i>Neurology</i> , 2014, 82, 2187-2195.	1.1	80
111	Reproducibility and variability of quantitative magnetic resonance imaging markers in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1319-1337.	4.3	80
112	Neurophysiological tests and neuroimaging procedures in non-acute headache: guidelines and recommendations. <i>European Journal of Neurology</i> , 2004, 11, 217-224.	3.3	79
113	Origin and reduction of motion and f0 artifacts in high resolution T2*-weighted magnetic resonance imaging: Application in Alzheimer's disease patients. <i>NeuroImage</i> , 2010, 51, 1082-1088.	4.2	76
114	Widespread reductions of white matter integrity in patients with long-term remission of Cushing's disease. <i>NeuroImage: Clinical</i> , 2014, 4, 659-667.	2.7	76
115	Interaction of medial temporal lobe atrophy and white matter hyperintensities in AD. <i>Neurology</i> , 2004, 62, 1862-1864.	1.1	75
116	Subtle blood-brain barrier leakage rate and spatial extent: Considerations for dynamic contrast-enhanced MRI. <i>Medical Physics</i> , 2017, 44, 4112-4125.	3.0	75
117	Detection of cerebral involvement in patients with active neuropsychiatric systemic lupus erythematosus by the use of volumetric magnetization transfer imaging. <i>Arthritis and Rheumatism</i> , 2000, 43, 2428-2436.	6.7	72
118	EEG and MRI correlates of mild cognitive impairment and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2007, 28, 1322-1329.	3.1	72
119	Increased Number of Microinfarcts in Alzheimer Disease at 7-T MR Imaging. <i>Radiology</i> , 2014, 270, 205-211.	7.3	72
120	Cerebral Hemodynamics and White Matter Hyperintensities in CADASIL. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 599-604.	4.3	70
121	Evidence for smaller right amygdala volumes in posttraumatic stress disorder following childhood trauma. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 436-442.	1.8	69
122	Cerebrovascular function in presymptomatic and symptomatic individuals with hereditary cerebral amyloid angiopathy: a case-control study. <i>Lancet Neurology</i> , The, 2017, 16, 115-122.	10.2	68
123	Shape analysis of subcortical nuclei in Huntington's disease, global versus local atrophy - Results from the TRACK-HD study. <i>Journal of the Neurological Sciences</i> , 2011, 307, 60-68.	0.6	66
124	Hemoglobin and anemia in relation to dementia risk and accompanying changes on brain MRI. <i>Neurology</i> , 2019, 93, e917-e926.	1.1	66
125	Magnetization transfer imaging, white matter hyperintensities, brain atrophy and slower gait in older men and women. <i>Neurobiology of Aging</i> , 2010, 31, 1197-1204.	3.1	65
126	Neural correlates of perception of emotional facial expressions in out-patients with mild-to-moderate depression and anxiety. A multicenter fMRI study. <i>Psychological Medicine</i> , 2011, 41, 2253-2264.	4.5	65

#	ARTICLE	IF	CITATIONS
127	Reduced functional brain connectivity prior to and after disease onset in Huntington's disease. <i>NeuroImage: Clinical</i> , 2013, 2, 377-384.	2.7	65
128	Ultrafast Scan Magnetic Resonance in Prenatal Diagnosis. <i>Fetal Diagnosis and Therapy</i> , 2000, 15, 364-372.	1.4	64
129	Tractography of white matter tracts in very preterm infants: a 2-year follow-up study. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 427-433.	2.1	64
130	Selective gray matter damage in neuropsychiatric lupus. <i>Arthritis and Rheumatism</i> , 2004, 50, 2877-2881.	6.7	63
131	Glycemic Status and Brain Injury in Older Individuals: The Age Gene/Environment Susceptibility-Reykjavik Study. <i>Diabetes Care</i> , 2009, 32, 1608-1613.	8.6	63
132	Cerebral microbleeds and cognitive functioning in the PROSPER study. <i>Neurology</i> , 2011, 77, 1446-1452.	1.1	63
133	Higher Visit-to-Visit Low-Density Lipoprotein Cholesterol Variability Is Associated With Lower Cognitive Performance, Lower Cerebral Blood Flow, and Greater White Matter Hyperintensity Load in Older Subjects. <i>Circulation</i> , 2016, 134, 212-221.	1.6	63
134	Cognitive decline in AD and mild cognitive impairment is associated with global brain damage. <i>Neurology</i> , 2002, 59, 874-879.	1.1	62
135	White Matter Lesions and Cognitive Performance: The Role of Cognitively Complex Leisure Activity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2008, 63, 848-854.	3.6	62
136	Do Apparent Diffusion Coefficient Measurements Predict Outcome in Children with Neonatal Hypoxic-Ischemic Encephalopathy?. <i>American Journal of Neuroradiology</i> , 2009, 30, 264-270.	2.4	62
137	Prospective Study of Clinical Phenotypes in Neuropsychiatric Systemic Lupus Erythematosus; Multidisciplinary Approach to Diagnosis and Therapy. <i>Journal of Rheumatology</i> , 2012, 39, 2118-2126.	2.0	62
138	Neuropsychiatric manifestations in patients with systemic lupus erythematosus: epidemiology and radiology pointing to an immune-mediated cause. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, ii76-ii79.	0.9	62
139	The impact of physiological correction on functional connectivity analysis of pharmacological resting state fMRI. <i>NeuroImage</i> , 2013, 65, 499-510.	4.2	62
140	Association of global brain damage and clinical functioning in neuropsychiatric systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2002, 46, 2665-2672.	6.7	61
141	Anti-NMDA receptor autoantibodies in patients with systemic lupus erythematosus and their first-degree relatives. <i>Lupus</i> , 2007, 16, 329-334.	1.6	61
142	ICA-based artifact removal diminishes scan site differences in multi-center resting-state fMRI. <i>Frontiers in Neuroscience</i> , 2015, 9, 395.	2.8	61
143	Percutaneous laser disc decompression versus conventional microdiscectomy in sciatica: a randomized controlled trial. <i>Spine Journal</i> , 2015, 15, 857-865.	1.3	61
144	Evaluation of diagnostic NOTCH3 immunostaining in CADASIL. <i>Acta Neuropathologica</i> , 2003, 106, 107-111.	7.7	60

#	ARTICLE	IF	CITATIONS
145	Aortic stiffness is associated with cardiac function and cerebral small vessel disease in patients with type 1 diabetes mellitus: assessment by magnetic resonance imaging. <i>European Radiology</i> , 2010, 20, 1132-1138.	4.5	60
146	Elevated brain iron is independent from atrophy in Huntington's Disease. <i>NeuroImage</i> , 2012, 61, 558-564.	4.2	60
147	Multisequence magnetic resonance imaging study of neuropsychiatric systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2004, 50, 3195-3202.	6.7	59
148	Progression of cerebral white matter lesions is not associated with development of depressive symptoms in elderly subjects at risk of cardiovascular disease. The PROSPER Study. <i>International Journal of Geriatric Psychiatry</i> , 2006, 21, 375-381.	2.7	59
149	Influence of COMT val158met Genotype on the Depressed Brain during Emotional Processing and Working Memory. <i>PLoS ONE</i> , 2013, 8, e73290.	2.5	59
150	Optimal Location for Arterial Input Function Measurements near the Middle Cerebral Artery in First-Pass Perfusion MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 840-852.	4.3	55
151	A randomized crossover study of bee sting therapy for multiple sclerosis. <i>Neurology</i> , 2005, 65, 1764-1768.	1.1	54
152	Increased amygdalar and hippocampal volumes in elderly obese individuals with or at risk of cardiovascular disease. <i>American Journal of Clinical Nutrition</i> , 2011, 93, 1190-1195.	4.7	54
153	Glial and axonal changes in systemic lupus erythematosus measured with diffusion of intracellular metabolites. <i>Brain</i> , 2016, 139, 1447-1457.	7.6	54
154	Incidence of Brain Infarcts, Cognitive Change, and Risk of Dementia in the General Population. <i>Stroke</i> , 2017, 48, 2353-2360.	2.0	54
155	Selective Involvement of the Amygdala in Systemic Lupus Erythematosus. <i>PLoS Medicine</i> , 2006, 3, e499.	8.4	53
156	Distribution of cerebral microbleeds in the East and West. <i>Neurology</i> , 2019, 92, e1086-e1097.	1.1	53
157	EEG Markers of Future Cognitive Performance in the Elderly. <i>Journal of Clinical Neurophysiology</i> , 2008, 25, 83-89.	1.7	52
158	Association of Aortic Arch Pulse Wave Velocity with Left Ventricular Mass and Lacunar Brain Infarcts in Hypertensive Patients: Assessment with MR Imaging. <i>Radiology</i> , 2009, 253, 681-688.	7.3	52
159	Improved signal to noise in proton spectroscopy of the human calf muscle at 7 T using localized B_1 calibration. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 207-211.	3.0	52
160	Tract-based spatial statistics on diffusion tensor imaging in systemic lupus erythematosus reveals localized involvement of white matter tracts. <i>Arthritis and Rheumatism</i> , 2010, 62, 3716-3721.	6.7	50
161	Improvements in high-field localized MRS of the medial temporal lobe in humans using new deformable high-dielectric materials. <i>NMR in Biomedicine</i> , 2011, 24, 873-879.	2.8	50
162	Cardiac Hemodynamics are Linked With Structural and Functional Features of Brain Aging: The Age, Gene/Environment Susceptibility (AGES) Reykjavik Study. <i>Journal of the American Heart Association</i> , 2015, 4, e001294.	3.7	50

#	ARTICLE	IF	CITATIONS
163	Value of multidisciplinary reassessment in attribution of neuropsychiatric events to systemic lupus erythematosus: prospective data from the Leiden NPSLE cohort. <i>Rheumatology</i> , 2017, 56, 1676-1683.	1.9	50
164	The anterior hypothalamus in cluster headache. <i>Cephalalgia</i> , 2017, 37, 1039-1050.	3.9	50
165	Differences between Relapsing-Remitting and Chronic Progressive Multiple Sclerosis as Determined with Quantitative MR Imaging. <i>Radiology</i> , 1999, 210, 769-774.	7.3	49
166	Late-Onset Dementia: Structural Brain Damage and Total Cerebral Blood Flow. <i>Radiology</i> , 2005, 236, 990-995.	7.3	49
167	Ventricular shape biomarkers for Alzheimer's disease in clinical MR images. <i>Magnetic Resonance in Medicine</i> , 2008, 59, 260-267.	3.0	49
168	Cerebral Amyloidosis: Postmortem Detection with Human 7.0-T MR Imaging System. <i>Radiology</i> , 2009, 253, 788-796.	7.3	49
169	Microstructural Brain Tissue Damage in Metabolic Syndrome. <i>Diabetes Care</i> , 2014, 37, 493-500.	8.6	49
170	A multimodal MRI approach to identify and characterize microstructural brain changes in neuropsychiatric systemic lupus erythematosus. <i>NeuroImage: Clinical</i> , 2015, 8, 337-344.	2.7	49
171	Imaging modalities in central nervous system systemic lupus erythematosus. <i>Current Opinion in Rheumatology</i> , 2001, 13, 383-388.	4.3	48
172	Modulatory Effects of the Piccolo Genotype on Emotional Memory in Health and Depression. <i>PLoS ONE</i> , 2013, 8, e61494.	2.5	48
173	Associations between arterial stiffness, depressive symptoms and cerebral small vessel disease: cross-sectional findings from the AGES-Reykjavik Study. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 162-168.	2.4	48
174	No Influence of Melatonin on Cerebral Blood Flow in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 5989-5994.	3.6	47
175	MRI artifacts in human brain tissue after prolonged formalin storage. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1750-1758.	3.0	47
176	Fusion of hlgG1-Fc to ¹¹¹ In-anti-amyloid single domain antibody fragment VHH-pa2H prolongs blood residential time in APP/PS1 mice but does not increase brain uptake. <i>Nuclear Medicine and Biology</i> , 2015, 42, 695-702.	0.6	47
177	Dutch hereditary cerebral amyloid angiopathy: Structural lesions and apolipoprotein E genotype. <i>Annals of Neurology</i> , 1997, 41, 695-698.	5.3	46
178	Hypoxic-Ischemic Encephalopathy: Diagnostic Value of Conventional MR Imaging Pulse Sequences in Term-born Neonates. <i>Radiology</i> , 2008, 247, 204-212.	7.3	46
179	Cerebrovascular Reactivity Is a Main Determinant of White Matter Hyperintensity Progression in CADASIL. <i>American Journal of Neuroradiology</i> , 2009, 30, 1244-1247.	2.4	46
180	Ketamine interactions with biomarkers of stress: A randomized placebo-controlled repeated measures resting-state fMRI and PCASL pilot study in healthy men. <i>NeuroImage</i> , 2015, 108, 396-409.	4.2	46

#	ARTICLE	IF	CITATIONS
181	Magnetic resonance imaging of metastatic disease to the brain with gadobenate dimeglumine. <i>Neuroradiology</i> , 2002, 44, 191-203.	2.2	45
182	Memory activation enhances EEG abnormality in mild cognitive impairment. <i>Neurobiology of Aging</i> , 2007, 28, 85-90.	3.1	45
183	Cerebral Perfusion and Aortic Stiffness Are Independent Predictors of White Matter Brain Atrophy in Type 1 Diabetic Patients Assessed With Magnetic Resonance Imaging. <i>Diabetes Care</i> , 2011, 34, 459-463.	8.6	45
184	Differences in apparent diffusion coefficients of brain metabolites between grey and white matter in the human brain measured at 7 T. <i>Magnetic Resonance in Medicine</i> , 2012, 67, 1203-1209.	3.0	45
185	Demyelinating disease in SLE: Is it multiple sclerosis or lupus?. <i>Best Practice and Research in Clinical Rheumatology</i> , 2013, 27, 405-424.	3.3	45
186	Syncope and orthostatic intolerance increase risk of brain lesions in migraineurs and controls. <i>Neurology</i> , 2013, 80, 1958-1965.	1.1	45
187	Birth Size and Brain Function 75 Years Later. <i>Pediatrics</i> , 2014, 134, 761-770.	2.1	45
188	The Heart-Brain Connection: A Multidisciplinary Approach Targeting a Missing Link in the Pathophysiology of Vascular Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2014, 42, S443-S451.	2.6	45
189	Carotid Arterial Stiffness and Risk of Incident Cerebral Microbleeds in Older People. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1889-1895.	2.4	45
190	Recurrent hemorrhage risk and mortality in hereditary and sporadic cerebral amyloid angiopathy. <i>Neurology</i> , 2016, 87, 1482-1487.	1.1	45
191	MMSE scores correlate with local ventricular enlargement in the spectrum from cognitively normal to Alzheimer disease. <i>NeuroImage</i> , 2008, 39, 1832-1838.	4.2	44
192	Microvascular lesions in the brain and retina: The age, gene/environment susceptibilityâ€“Reykjavik study. <i>Annals of Neurology</i> , 2009, 65, 569-576.	5.3	44
193	Subject tolerance of 7 T MRI examinations. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 722-725.	3.4	44
194	Resting-State Functional Connectivity in Patients with Long-Term Remission of Cushingâ€™s Disease. <i>Neuropsychopharmacology</i> , 2015, 40, 1888-1898.	5.4	44
195	Volumetric brain changes in migraineurs from the general population. <i>Neurology</i> , 2017, 89, 2066-2074.	1.1	44
196	The Missing Link in the Pathophysiology of Vascular Cognitive Impairment: Design of the Heart-Brain Study. <i>Cerebrovascular Diseases Extra</i> , 2018, 7, 140-152.	1.5	44
197	Association between microscopic brain damage as indicated by magnetization transfer imaging and anticardiolipin antibodies in neuropsychiatric lupus. <i>Arthritis Research and Therapy</i> , 2006, 8, R38.	3.5	43
198	TREX1 gene variant in neuropsychiatric systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 1886-1887.	0.9	43

#	ARTICLE	IF	CITATIONS
199	7â€T MRI reveals diffuse iron deposition in putamen and caudate nucleus in CADASIL. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 1180-1185.	1.9	43
200	7T T2â€-weighted magnetic resonance imaging reveals cortical phase differences between early- and late-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 20-26.	3.1	43
201	Cerebrovascular and amyloid pathology in predementia stages: the relationship with neurodegeneration and cognitive decline. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 101.	6.2	43
202	Basal cerebral blood flow is dependent on the nitric oxide pathway in elderly but not in young healthy men. <i>Experimental Gerontology</i> , 2004, 39, 1245-1248.	2.8	42
203	Ventricular dilation: Association with gait and cognition. <i>Annals of Neurology</i> , 2009, 66, 485-493.	5.3	42
204	Piccolo genotype modulates neural correlates of emotion processing but not executive functioning. <i>Translational Psychiatry</i> , 2012, 2, e99-e99.	4.8	41
205	Cerebral volumetric abnormalities in Neurofibromatosis type 1: associations with parent ratings of social and attention problems, executive dysfunction, and autistic mannerisms. <i>Journal of Neurodevelopmental Disorders</i> , 2015, 7, 32.	3.1	41
206	Functional Connectivity Changes and Executive and Social Problems in Neurofibromatosis Type I. <i>Brain Connectivity</i> , 2015, 5, 312-320.	1.7	41
207	Pulmonary leukostasis: radiologic-pathologic study.. <i>Radiology</i> , 1987, 165, 739-741.	7.3	40
208	The value of MR angiography techniques in the detection of head and neck paragangliomas. <i>European Journal of Radiology</i> , 2004, 52, 240-245.	2.6	40
209	Comparison of gadobenate dimeglumine (Gd-BOPTA) with gadopentetate dimeglumine (Gd-DTPA) for enhanced MR imaging of brain and spine tumours in children. <i>Pediatric Radiology</i> , 2005, 35, 501-510.	2.0	40
210	Transmigration of beta amyloid specific heavy chain antibody fragments across the in vitro bloodâ€brain barrier. <i>Neuroscience</i> , 2011, 190, 37-42.	2.3	40
211	Tractography of developing white matter of the internal capsule and corpus callosum in very preterm infants. <i>European Radiology</i> , 2011, 21, 538-547.	4.5	40
212	Altered neural processing of emotional faces in remitted Cushing's disease. <i>Psychoneuroendocrinology</i> , 2015, 59, 134-146.	2.7	40
213	GAMEs: Growing and adaptive meshes for fully automatic shape modeling and analysis. <i>Medical Image Analysis</i> , 2007, 11, 302-314.	11.6	39
214	Shape Abnormalities of the Striatum in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 23, 49-59.	2.6	39
215	Pseudocontinuous Arterial Spin Labeling Reveals Dissociable Effects of Morphine and Alcohol on Regional Cerebral Blood Flow. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1321-1333.	4.3	39
216	Advancing diagnostic criteria for sporadic cerebral amyloid angiopathy: Study protocol for a multicenter MRI-pathology validation of Boston criteria v2.0. <i>International Journal of Stroke</i> , 2019, 14, 956-971.	5.9	39

#	ARTICLE	IF	CITATIONS
217	Incipient CADASIL. Archives of Neurology, 2003, 60, 707.	4.5	38
218	Microbleeds in hereditary cerebral hemorrhage with amyloidosis- Dutch type. Neurology, 2005, 64, 1288-1289.	1.1	38
219	Sources of variation in multi-centre brain MTR histogram studies: body-coil transmission eliminates inter-centre differences. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2006, 19, 209-222.	2.0	38
220	Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy: Progression of MR Abnormalities in Prospective 7-year Follow-up Study. Radiology, 2008, 249, 964-971.	7.3	38
221	Monitoring blood flow alterations in the Tg2576 mouse model of Alzheimer's disease by in vivo magnetic resonance angiography at 17.6T. NeuroImage, 2012, 60, 958-966.	4.2	38
222	Associations between Total Cerebral Blood Flow and Age Related Changes of the Brain. PLoS ONE, 2010, 5, e9825.	2.5	37
223	MRI findings in migraine. Revue Neurologique, 2005, 161, 661-665.	1.5	36
224	High-field MRI of single histological slices using an inductively coupled, self-resonant microcoil: application to <i>ex vivo</i> samples of patients with Alzheimer's disease. NMR in Biomedicine, 2011, 24, 351-357.	2.8	36
225	Functional MRI correlates of visuospatial planning in out-patient depression and anxiety. Acta Psychiatrica Scandinavica, 2011, 124, 273-284.	4.5	36
226	Migraine, depression, and brain volume. Neurology, 2013, 80, 2138-2144.	1.1	36
227	Migraine and vascular disease biomarkers: A population-based case-control study. Cephalgia, 2018, 38, 511-518.	3.9	36
228	Leucostasis, an underestimated cause of death in leukaemia. Blut, 1988, 56, 39-44.	1.2	35
229	Systemic Lupus Erythematosus: Diagnostic Application of Magnetization Transfer Ratio Histograms in Patients with Neuropsychiatric Symptoms—Initial Results. Radiology, 2002, 222, 722-728.	7.3	35
230	Correlation of magnetization transfer ratio histogram parameters with neuropsychiatric systemic lupus erythematosus criteria and proton magnetic resonance spectroscopy: Association of magnetization transfer ratio peak height with neuronal and cognitive dysfunction. Arthritis and Rheumatism, 2008, 58, 1451-1457.	6.7	35
231	Risk Factors for Cerebral Microbleeds in the Elderly. Cerebrovascular Diseases, 2008, 26, 397-403.	1.7	35
232	Reduced anterior cingulate gray matter volume in treatment-naïve clinically depressed adolescents. NeuroImage: Clinical, 2014, 4, 336-342.	2.7	35
233	Detection of change in CNS involvement in neuropsychiatric SLE: A magnetization transfer study. Journal of Magnetic Resonance Imaging, 2006, 24, 812-816.	3.4	34
234	Differential recognition of vascular and parenchymal beta amyloid deposition. Neurobiology of Aging, 2011, 32, 1774-1783.	3.1	34

#	ARTICLE	IF	CITATIONS
235	InÂvivo assessment of iron content of the cerebral cortex in healthy aging using 7-Tesla T2*-weighted phase imaging. <i>Neurobiology of Aging</i> , 2017, 53, 20-26.	3.1	34
236	In Vivo Detection of Amyloid-Î² Deposits Using Heavy Chain Antibody Fragments in a Transgenic Mouse Model for Alzheimer's Disease. <i>PLoS ONE</i> , 2012, 7, e38284.	2.5	34
237	MRI measures and progression of cognitive decline in nondemented elderly attending a memory clinic. <i>International Journal of Geriatric Psychiatry</i> , 2005, 20, 1060-1066.	2.7	33
238	Practice effects in the developing brain: A pilot study. <i>Developmental Cognitive Neuroscience</i> , 2012, 2, S180-S191.	4.0	33
239	White Matter Lesions and Cognitive Deterioration in Presymptomatic Carriers of the Amyloid Precursor Protein Gene Codon 693 Mutation. <i>Archives of Neurology</i> , 1996, 53, 43-48.	4.5	32
240	The Alcohol Paradox: Light-to-Moderate Alcohol Consumption, Cognitive Function, and Brain Volume. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 1528-1535.	3.6	32
241	Markers of endothelial dysfunction and cerebral blood flow in older adults. <i>Neurobiology of Aging</i> , 2014, 35, 373-377.	3.1	32
242	Early Magnetic Resonance Imaging and Cognitive Markers of Hereditary Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2016, 47, 3041-3044.	2.0	32
243	Predicting progression to dementia in persons with mild cognitive impairment using cerebrospinal fluid markers. <i>Alzheimer's and Dementia</i> , 2017, 13, 903-912.	0.8	32
244	Allometric scaling of brain regions to intraâ€cranial volume: An epidemiological MRI study. <i>Human Brain Mapping</i> , 2017, 38, 151-164.	3.6	32
245	Laboratory and Neuroimaging Biomarkers in Neuropsychiatric Systemic Lupus Erythematosus: Where Do We Stand, Where To Go?. <i>Frontiers in Medicine</i> , 2018, 5, 340.	2.6	32
246	The impact of a migraine attack and its after-effects on perceptual organization, attention, and working memory. <i>Cephalalgia</i> , 2011, 31, 1419-1427.	3.9	31
247	Short-Term Caloric Restriction Normalizes Hypothalamic Neuronal Responsiveness to Glucose Ingestion in Patients With Type 2 Diabetes. <i>Diabetes</i> , 2012, 61, 3255-3259.	0.6	31
248	Perivascular Spaces Volume in Sporadic and Hereditary (Dutch-Type) Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2018, 49, 1913-1919.	2.0	31
249	Lenticulostriate Arterial Lumina Are Normal in Cerebral Autosomal-Dominant Arteriopathy With Subcortical Infarcts and Leukoencephalopathy. <i>Stroke</i> , 2010, 41, 2812-2816.	2.0	30
250	Whole-brain functional connectivity during emotional word classification in medication-free Major Depressive Disorder: Abnormal salience circuitry and relations to positive emotionality. <i>NeuroImage: Clinical</i> , 2013, 2, 790-796.	2.7	30
251	The heart-brain connection: mechanistic insights and models. <i>Netherlands Heart Journal</i> , 2013, 21, 55-57.	0.8	30
252	Percutaneous laser disc decompression versus conventional microdiscectomy for patients with sciatica: Two-year results of a randomised controlled trial. <i>Interventional Neuroradiology</i> , 2017, 23, 313-324.	1.1	30

#	ARTICLE	IF	CITATIONS
253	Longitudinal Metabolite Changes in Huntington's Disease During Disease Onset. <i>Journal of Huntington's Disease</i> , 2014, 3, 377-386.	1.9	29
254	Is the brain of complex regional pain syndrome patients truly different?. <i>European Journal of Pain</i> , 2016, 20, 1622-1633.	2.8	29
255	Quantifying effects of radiotherapy-induced microvascular injury; review of established and emerging brain MRI techniques. <i>Radiotherapy and Oncology</i> , 2019, 140, 41-53.	0.6	29
256	Hereditary Cerebral Hemorrhage with Amyloidosis- DutchType: Better Correlation of Cognitive Deterioration with Advancing Age than with Number of Focal Lesions or White Matter Hyperintensities. <i>Alzheimer Disease and Associated Disorders</i> , 1996, 10, 224-231.	1.3	28
257	Magnetization transfer imaging of gray and white matter in mild cognitive impairment and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2006, 27, 1757-1762.	3.1	28
258	Effectiveness of percutaneous laser disc decompression versus conventional open discectomy in the treatment of lumbar disc herniation; design of a prospective randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2009, 10, 49.	1.9	28
259	New criterion to aid manual and automatic selection of the arterial input function in dynamic susceptibility contrast MRI. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 448-456.	3.0	28
260	Changes in White Matter Microstructure Suggest an Inflammatory Origin of Neuropsychiatric Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2016, 68, 1945-1954.	5.6	28
261	Decreased cerebral perfusion in Duchenne muscular dystrophy patients. <i>Neuromuscular Disorders</i> , 2017, 27, 29-37.	0.6	28
262	White matter microstructure of patients with neurofibromatosis type 1 and its relation to inhibitory control. <i>Brain Imaging and Behavior</i> , 2017, 11, 1731-1740.	2.1	28
263	CNS involvement in primary Sjögren's syndrome: a case with a clue for the pathogenesis. <i>Journal of Neurology</i> , 2000, 247, 63-64.	3.6	27
264	Pituitary Magnetic Resonance Imaging Is Not Required in the Postoperative Follow-Up of Acromegalic Patients with Long-Term Biochemical Cure after Transsphenoidal Surgery. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 4320-4324.	3.6	27
265	Neuropsychological Correlates of MRI Measures in the Continuum of Cognitive Decline at Old Age. <i>Dementia and Geriatric Cognitive Disorders</i> , 2005, 20, 82-88.	1.5	27
266	Is There a Way to Predict Outcome in (Near) Term Neonates with Hypoxic-Ischemic Encephalopathy Based on MR Imaging?. <i>American Journal of Neuroradiology</i> , 2008, 29, 1789-1794.	2.4	27
267	White Matter Lesion Progression. <i>Stroke</i> , 2015, 46, 3048-3057.	2.0	27
268	Detection superiority of 7T MRI protocol in patients with epilepsy and suspected focal cortical dysplasia. <i>Acta Neurologica Belgica</i> , 2016, 116, 259-269.	1.1	27
269	Cardiac and Carotid Markers Link With Accelerated Brain Atrophy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2246-2251.	2.4	27
270	Phase-based arterial input function measurements for dynamic susceptibility contrast MRI. <i>Magnetic Resonance in Medicine</i> , 2010, 64, 358-368.	3.0	26

#	ARTICLE	IF	CITATIONS
271	Cerebral perfusion changes in migraineurs: a voxelwise comparison of interictal dynamic susceptibility contrast MRI measurements. <i>Cephalalgia</i> , 2012, 32, 279-288.	3.9	26
272	Ventral striatal volume is associated with cognitive decline in older people: a population based MR-study. <i>Neurobiology of Aging</i> , 2012, 33, 424.e1-424.e10.	3.1	26
273	Visceral adipose tissue is associated with microstructural brain tissue damage. <i>Obesity</i> , 2015, 23, 1092-1096.	3.0	26
274	Accelerated progression of white matter hyperintensities and subsequent risk of mortality: a 12-year follow-up study. <i>Neurobiology of Aging</i> , 2015, 36, 2130-2135.	3.1	26
275	Executive function, but not memory, associates with incident coronary heart disease and stroke. <i>Neurology</i> , 2015, 85, 783-789.	1.1	26
276	Ultra-long-TE arterial spin labeling reveals rapid and brain-wide blood-to-CSF water transport in humans. <i>NeuroImage</i> , 2021, 245, 118755.	4.2	26
277	MT: Magnetization Transfer. , 0, , 257-298.		25
278	Perfusion MRI in neuro-psychiatric systemic lupus erthemathosus. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 283-288.	3.4	25
279	Automatic Model-Based Contour Detection and Blood Flow Quantification in Small Vessels with Velocity Encoded Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2003, 38, 567-577.	6.2	24
280	Lower Susceptibility to Cerebral Small Vessel Disease in Human Familial Longevity. <i>Stroke</i> , 2013, 44, 9-14.	2.0	24
281	Familial Longevity Is Marked by Better Cognitive Performance at Middle Age: The Leiden Longevity Study. <i>PLoS ONE</i> , 2013, 8, e57962.	2.5	24
282	Biochemical changes in the brain of hemiplegic migraine patients measured with 7 tesla ¹ H-MRS. <i>Cephalalgia</i> , 2014, 34, 959-967.	3.9	24
283	CHANGES IN REGIONAL BRAIN ACTIVATION RELATED TO DEPRESSIVE STATE: A 2-YEAR LONGITUDINAL FUNCTIONAL MRI STUDY. <i>Depression and Anxiety</i> , 2016, 33, 35-44.	4.1	24
284	Experimental basis of percutaneous laser disc decompression (PLDD): a review of literature. <i>Lasers in Medical Science</i> , 2006, 21, 245-249.	2.1	23
285	Magnetization Transfer Imaging in Premanifest and Manifest Huntington Disease. <i>American Journal of Neuroradiology</i> , 2012, 33, 884-889.	2.4	23
286	N-terminal pro-brain natriuretic peptide and abnormal brain aging. <i>Neurology</i> , 2015, 85, 813-820.	1.1	23
287	Lower Blood Pressure Is Associated With Smaller Subcortical Brain Volumes in Older Persons. <i>American Journal of Hypertension</i> , 2015, 28, 1127-1133.	2.0	23
288	Magnetization Transfer: Applications in Neuroradiology. <i>Journal of Computer Assisted Tomography</i> , 1999, 23, S9-S18.	0.9	22

#	ARTICLE	IF	CITATIONS
289	A neuroimaging follow up study of a patient with juvenile central nervous system systemic lupus erythematosus. <i>Annals of the Rheumatic Diseases</i> , 2003, 62, 583-586.	0.9	22
290	Lack of Effect of Pravastatin on Cerebral Blood Flow or Parenchymal Volume Loss in Elderly at Risk for Vascular Disease. <i>Stroke</i> , 2005, 36, 1633-1636.	2.0	22
291	Brain involvement in rheumatoid arthritis: A magnetic resonance spectroscopy study. <i>Arthritis and Rheumatism</i> , 2009, 60, 3190-3195.	6.7	22
292	Diastolic Carotid Artery Wall Shear Stress Is Associated With Cerebral Infarcts and Periventricular White Matter Lesions. <i>Stroke</i> , 2011, 42, 3497-3501.	2.0	22
293	Total cerebral blood flow and mortality in old age. <i>Neurology</i> , 2013, 81, 1922-1929.	1.1	22
294	Spatial heterogeneity of the relation between resting state connectivity and blood flow: An important consideration for pharmacological studies. <i>Human Brain Mapping</i> , 2014, 35, 929-942.	3.6	22
295	MRI Susceptibility Changes Suggestive of Iron Deposition in the Thalamus after Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2015, 40, 67-72.	1.7	22
296	Cerebellar function and ischemic brain lesions in migraine patients from the general population. <i>Cephalalgia</i> , 2017, 37, 177-190.	3.9	22
297	Aging modifies the effect of cardiac output on middle cerebral artery blood flow velocity. <i>Physiological Reports</i> , 2017, 5, e13361.	1.7	22
298	Amyloid imaging of dutch type hereditary cerebral amyloid angiopathy carriers. <i>Annals of Neurology</i> , 2019, 86, 616-625.	5.3	22
299	Are serum autoantibodies associated with brain changes in systemic lupus erythematosus? MRI data from the Leiden NP-SLE cohort. <i>Lupus</i> , 2019, 28, 94-103.	1.6	22
300	Pravastatin Decreases Wall Shear Stress and Blood Velocity in the Internal Carotid Artery Without Affecting Flow Volume. <i>Stroke</i> , 2007, 38, 1374-1376.	2.0	21
301	Imaging the ocular motor nerves. <i>European Journal of Radiology</i> , 2010, 74, 314-322.	2.6	21
302	Family history of alcohol dependence and gray matter abnormalities in non-alcoholic adults. <i>World Journal of Biological Psychiatry</i> , 2013, 14, 565-573.	2.6	21
303	Outcomes of neuropsychiatric events in systemic lupus erythematosus based on clinical phenotypes; prospective data from the Leiden NP SLE cohort. <i>Lupus</i> , 2017, 26, 543-551.	1.6	21
304	MR assessment of cerebral vascular response: A comparison of two methods. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 16, 610-616.	3.4	20
305	Lobar Distribution of Changes in Gray Matter and White Matter in Memory Clinic Patients: Detected Using Magnetization Transfer Imaging. <i>American Journal of Neuroradiology</i> , 2007, 28, 1938-1942.	2.4	20
306	Longitudinal Monitoring of Sex-Related in vivo Metabolic Changes in the Brain of Alzheimer's Disease Transgenic Mouse Using Magnetic Resonance Spectroscopy. <i>Journal of Alzheimer's Disease</i> , 2013, 34, 1051-1059.	2.6	20

#	ARTICLE	IF	CITATIONS
307	Voxel-Based Morphometry in Hypocretin-Deficient Narcolepsy. <i>Sleep</i> , 2003, , .	1.1	19
308	Magnetization Transfer Imaging in Premanifest and Manifest Huntington Disease: A 2-Year Follow-Up. <i>American Journal of Neuroradiology</i> , 2013, 34, 317-322.	2.4	19
309	Association of the fat mass and obesity-associated gene risk allele, rs9939609A, and reward-related brain structures. <i>Obesity</i> , 2015, 23, 2118-2122.	3.0	19
310	Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy. <i>Clinical and Experimental Hypertension</i> , 2006, 28, 271-277.	1.3	18
311	Hypertensive Exposure Markers by MRI in Relation to Cerebral Small Vessel Disease and Cognitive Impairment. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 176-185.	5.3	18
312	Septicaemia, meningitis and spondylodiscitis caused by <i>Streptococcus suis</i> type 2. <i>Infection</i> , 1995, 23, 128-128.	4.7	17
313	MR Microscopy of Human Amyloid- β Deposits: Characterization of Parenchymal Amyloid, Diffuse Plaques, and Vascular Amyloid. <i>Journal of Alzheimer's Disease</i> , 2013, 34, 1037-1049.	2.6	17
314	Brain Activation During Emotional Memory Processing Associated with Subsequent Course of Depression. <i>Neuropsychopharmacology</i> , 2015, 40, 2454-2463.	5.4	17
315	The cerebrovascular response to lower-body negative pressure vs. head-up tilt. <i>Journal of Applied Physiology</i> , 2017, 122, 877-883.	2.5	17
316	The Cognitive decline in Older Patients with End stage renal disease (COPE) study – rationale and design. <i>Current Medical Research and Opinion</i> , 2017, 33, 2057-2064.	1.9	17
317	Exome Chip Analysis Identifies Low-Frequency and Rare Variants in <i>MRPL38</i> for White Matter Hyperintensities on Brain Magnetic Resonance Imaging. <i>Stroke</i> , 2018, 49, 1812-1819.	2.0	17
318	Off-label use of aducanumab for cerebral amyloid angiopathy. <i>Lancet Neurology</i> , The, 2021, 20, 596-597.	10.2	17
319	Magnetic resonance imaging and vertebral artery dissection. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1999, 67, 691-692.	1.9	16
320	Rheumatoid Arthritis: Epidural Enhancement as an Underestimated Cause of Subaxial Cervical Spinal Stenosis. <i>Radiology</i> , 2004, 231, 57-63.	7.3	16
321	High-Field Imaging of Neurodegenerative Diseases. <i>Neuroimaging Clinics of North America</i> , 2012, 22, 159-171.	1.0	16
322	Polyfluorinated bis-styrylbenzenes as amyloid- β plaque binding ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2469-2481.	3.0	16
323	White Matter Hyperintensities Potentiate Hippocampal Volume Reduction in Non-Demented Older Individuals with Abnormal Amyloid- β . <i>Journal of Alzheimer's Disease</i> , 2016, 55, 333-342.	2.6	16
324	Systemic right-to-left shunts, ischemic brain lesions, and persistent migraine activity. <i>Neurology</i> , 2016, 86, 1668-1675.	1.1	16

#	ARTICLE	IF	CITATIONS
325	Cervical spondylarthrotic myelopathy with early onset in Down's syndrome: five cases and a review of the literature. <i>Journal of Intellectual Disability Research</i> , 1999, 43, 283-288.	2.0	15
326	Iron in deep brain nuclei in migraine? CAMERA follow-up MRI findings. <i>Cephalalgia</i> , 2017, 37, 795-800.	3.9	15
327	TGF β 2 pathway deregulation and abnormal phospho β SMAD2/3 staining in hereditary cerebral hemorrhage with amyloidosis β Dutch type. <i>Brain Pathology</i> , 2018, 28, 495-506.	4.1	15
328	Cerebral Amyloid Angiopathy With Vascular Iron Accumulation and Calcification. <i>Stroke</i> , 2018, 49, 2081-2087.	2.0	15
329	Microstructural white matter changes preceding white matter hyperintensities in migraine. <i>Neurology</i> , 2019, 93, e688-e694.	1.1	15
330	Sensitivity of the Edinburgh Criteria for Lobar Intracerebral Hemorrhage in Hereditary Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2020, 51, 3608-3612.	2.0	15
331	Wave Reflection at the Origin of a First-Generation Branch Artery and Target Organ Protection. <i>Hypertension</i> , 2021, 77, 1169-1177.	2.7	15
332	Caudate nucleus hypointensity in the elderly is associated with markers of neurodegeneration on MRI. <i>Neurobiology of Aging</i> , 2008, 29, 1839-1846.	3.1	14
333	Incidence and Clinical Significance of Cerebral Embolism During Atrial Fibrillation Ablation With Duty-Cycled Phased-Radiofrequency Versus Cooled-Radiofrequency. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 318-326.	3.2	14
334	MRI evaluation of the relationship between carotid artery endothelial shear stress and brain white matter lesions in migraine. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1040-1047.	4.3	14
335	Endothelial Activation Antigens in Pulmonary Leukostasis in Leukemia. <i>Acta Haematologica</i> , 1993, 90, 29-33.	1.4	13
336	The Influence of Ergotamine Abuse on Psychological and Cognitive Functioning. <i>Cephalalgia</i> , 2000, 20, 462-469.	3.9	13
337	Hypertension, cerebral oedema and fundoscopy. <i>Nephrology Dialysis Transplantation</i> , 2003, 18, 2424-2427.	0.7	13
338	Whole brain magnetization transfer histogram analysis of pediatric acute lymphoblastic leukemia patients receiving intrathecal methotrexate therapy. <i>European Journal of Radiology</i> , 2006, 57, 423-427.	2.6	13
339	Infratentorial Microbleeds. <i>Stroke</i> , 2015, 46, 1987-1989.	2.0	13
340	Brain Volume as an Integrated Marker for the Risk of Death in a Community-Based Sample: Age Gene/Environment Susceptibility β Reykjavik Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 131-137.	3.6	13
341	Brain Transcriptomic Analysis of Hereditary Cerebral Hemorrhage With Amyloidosis-Dutch Type. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 102.	3.4	13
342	Multiple Approaches to Diffusion Magnetic Resonance Imaging in Hereditary Cerebral Amyloid Angiopathy Mutation Carriers. <i>Journal of the American Heart Association</i> , 2019, 8, e011288.	3.7	13

#	ARTICLE	IF	CITATIONS
343	Different phenotypes of neuropsychiatric systemic lupus erythematosus are related to a distinct pattern of structural changes on brain MRI. <i>European Radiology</i> , 2021, 31, 8208-8217.	4.5	13
344	Magnetic resonance angiography of the human middle meningeal artery: Implications for migraine. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 24, 918-921.	3.4	12
345	Carotid and Basilar Artery Wall Shear Stress in Alzheimer's Disease and Mild Cognitive Impairment. <i>Dementia and Geriatric Cognitive Disorders</i> , 2009, 28, 220-224.	1.5	12
346	MR-Based Molecular Imaging of the Brain: The Next Frontier. <i>American Journal of Neuroradiology</i> , 2010, 31, 1577-1583.	2.4	12
347	Different susceptibility of medial temporal lobe and basal ganglia atrophy rates to vascular risk factors. <i>Neurobiology of Aging</i> , 2014, 35, 72-78.	3.1	12
348	Cortical phase changes measured using 7T MRI in subjects with subjective cognitive impairment, and their association with cognitive function. <i>NMR in Biomedicine</i> , 2016, 29, 1289-1294.	2.8	12
349	Percutaneous laser disc decompression versus microdiscectomy for sciatica: Cost utility analysis alongside a randomized controlled trial. <i>Interventional Neuroradiology</i> , 2017, 23, 538-545.	1.1	12
350	Innovative Magnetic Resonance Imaging Markers of Hereditary Cerebral Amyloid Angiopathy at 7 Tesla. <i>Stroke</i> , 2018, 49, 1518-1520.	2.0	12
351	Cerebral magnetic resonance imaging in quiescent Crohn's disease patients with fatigue. <i>World Journal of Gastroenterology</i> , 2017, 23, 1018.	3.3	12
352	Dementia at old age: a clinical end-point of atherosclerotic disease. <i>European Heart Journal Supplements</i> , 2001, 3, N16-N19.	0.1	11
353	D: The Diffusion of Water. , 0, , 203-256.		11
354	Differentiation between peritrigonal terminal zones and hypoxic-ischemic white matter injury on MRI. <i>European Journal of Radiology</i> , 2008, 65, 395-401.	2.6	11
355	Brain tissue volumes in familial longevity: the Leiden Longevity Study. <i>Aging Cell</i> , 2012, 11, 933-939.	6.7	11
356	Interaction of neuropeptide Y genotype and childhood emotional maltreatment on brain activity during emotional processing. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 601-609.	3.0	11
357	Diffusion-weighted-preparation (D-prep) MRI as a future extension of SPECT/CT based surgical planning for sentinel node procedures in the head and neck area?. <i>Oral Oncology</i> , 2016, 60, 48-54.	1.5	11
358	Differential associations between retinal signs and CMBs by location. <i>Neurology</i> , 2018, 90, e142-e148.	1.1	11
359	Cerebral cortical microinfarcts: A novel MRI marker of vascular brain injury in patients with heart failure. <i>International Journal of Cardiology</i> , 2020, 310, 96-102.	1.7	11
360	Contributions of Cerebral Blood Flow to Associations Between Blood Pressure Levels and Cognition: The Age, Gene/Environment Susceptibility-Reykjavik Study. <i>Hypertension</i> , 2021, 77, 2075-2083.	2.7	11

#	ARTICLE	IF	CITATIONS
361	Feasibility of Using Pseudo-Continuous Arterial Spin Labeling Perfusion in a Geriatric Population at 1.5 Tesla. PLoS ONE, 2015, 10, e0144743.	2.5	11
362	<title>Detection and quantification of MS lesions using fuzzy topological principles</title>. , 1996, 2710, 81.		10
363	Texture analysis of ultrahigh field T ₂ *-weighted MR images of the brain: Application to Huntington's disease. Journal of Magnetic Resonance Imaging, 2014, 39, 633-640.	3.4	10
364	Temporalis Muscle Hypertrophy and Reduced Skull Eccentricity in Duchenne Muscular Dystrophy. Journal of Child Neurology, 2014, 29, 1344-1348.	1.4	10
365	The AGES-Reykjavik Study suggests that change in kidney measures is associated with subclinical brain pathology in older community-dwelling persons. Kidney International, 2018, 94, 608-615.	5.2	10
366	Multimodal MRI of grey matter, white matter, and functional connectivity in cognitively healthy mutation carriers at risk for frontotemporal dementia and Alzheimer's disease. BMC Neurology, 2019, 19, 343.	1.8	10
367	Plasma Amyloid-Beta Levels in a Pre-Symptomatic Dutch-Type Hereditary Cerebral Amyloid Angiopathy Pedigree: A Cross-Sectional and Longitudinal Investigation. International Journal of Molecular Sciences, 2021, 22, 2931.	4.1	10
368	A Case of Typhoid Fever Complicated by Unexpected Diffuse Cerebral Edema. Clinical Infectious Diseases, 1995, 21, 1057-1058.	5.8	9
369	Presenilin-I polymorphism and hereditary cerebral hemorrhage with amyloidosis, Dutch type. Annals of Neurology, 1997, 42, 108-110.	5.3	9
370	Cerebral atrophy in elderly with subjective memory complaints. Journal of Magnetic Resonance Imaging, 2013, 38, 358-364.	3.4	9
371	Aortic stiffness is associated with white matter integrity in patients with type 1 diabetes. European Radiology, 2014, 24, 2031-2037.	4.5	9
372	DISC1 gene and affective psychopathology: A combined structural and functional MRI study. Journal of Psychiatric Research, 2015, 61, 150-157.	3.1	9
373	Late-life brain volume: a life-course approach. The AGES-Reykjavik study. Neurobiology of Aging, 2016, 41, 86-92.	3.1	9
374	Abstract 36: The Boston Criteria V2.0 for Cerebral Amyloid Angiopathy: Updated Criteria and Multicenter MRI-Neuropathology Validation. Stroke, 2021, 52, .	2.0	9
375	Annular erythema of Sjögren's syndrome. Lancet, The, 2006, 367, 1604.	13.7	8
376	Recent Advances in Visualizing Alzheimers Plaques by Magnetic Resonance Imaging. Current Medical Imaging, 2009, 5, 2-9.	0.8	8
377	Evaluation of signal formation in local arterial input function measurements of dynamic susceptibility contrast MRI. Magnetic Resonance in Medicine, 2012, 67, 1324-1331.	3.0	8
378	Parameters of glucose metabolism and the aging brain: a magnetization transfer imaging study of brain macro- and micro-structure in older adults without diabetes. Age, 2015, 37, 9802.	3.0	8

#	ARTICLE	IF	CITATIONS
379	Neuroimaging Findings in Retinal Vasculopathy with Cerebral Leukoencephalopathy and Systemic Manifestations. <i>American Journal of Neuroradiology</i> , 2021, 42, 1604-1609.	2.4	8
380	Cerebrovascular Risk-Factors of Prevalent and Incident Brain Infarcts in the General Population: The AGES-Reykjavik Study. <i>Stroke</i> , 2022, 53, 1199-1206.	2.0	8
381	Diastolic Wall Shear Stress in the Internal Carotid Artery Is Associated with Different Cardiovascular Risk Factors than Systolic Wall Shear Stress. <i>Cerebrovascular Diseases</i> , 2009, 28, 185-190.	1.7	7
382	Non-parametric model selection for subject-specific topological organization of resting-state functional connectivity. <i>NeuroImage</i> , 2011, 56, 1453-1462.	4.2	7
383	Food Cues Do Not Modulate the Neuroendocrine Response to a Prolonged Fast in Healthy Men. <i>Neuroendocrinology</i> , 2012, 96, 285-293.	2.5	7
384	Prognostic value of gradient echo T2* sequences for brain MR imaging in preterm infants. <i>Pediatric Radiology</i> , 2014, 44, 305-312.	2.0	7
385	Volumetric MRI predicts rate of cognitive decline related to AD and cerebrovascular disease. <i>Neurology</i> , 2003, 60, 1558-1559.	1.1	6
386	Combined magnitude and phase-based segmentation of the cerebral cortex in 7T MR images of the elderly. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 99-109.	3.4	6
387	An automated tool for cortical feature analysis: Application to differences on 7T-weighted images between young and older healthy subjects. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 240-248.	3.0	6
388	Association between changes in brain microstructure and cognition in older subjects at increased risk for vascular disease. <i>BMC Neurology</i> , 2015, 15, 133.	1.8	6
389	Cardiovascular Response Patterns to Sympathetic Stimulation by Central Hypovolemia. <i>Frontiers in Physiology</i> , 2016, 7, 235.	2.8	6
390	Patterns and characteristics of cognitive functioning in older patients approaching end stage kidney disease, the COPE-study. <i>BMC Nephrology</i> , 2020, 21, 126.	1.8	6
391	Neuroimaging in Dementia. <i>IDKD Springer Series</i> , 2020, , 131-142.	0.8	6
392	The AGES-Reykjavik study atlases: Non-linear multi-spectral template and atlases for studies of the ageing brain. <i>Medical Image Analysis</i> , 2017, 39, 133-144.	11.6	6
393	Longitudinal Progression of Magnetic Resonance Imaging Markers and Cognition in Dutch-Type Hereditary Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2022, 53, 2006-2015.	2.0	6
394	Preserved white matter integrity is a marker of familial longevity. <i>Annals of Neurology</i> , 2013, 74, 883-892.	5.3	5
395	Bis-pyridylethenyl benzene as novel backbone for amyloid- β binding compounds. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 6139-6148.	3.0	5
396	Cognitive Function in Dementia-Free Subjects and Survival in Old Age: The PROSPER Study. <i>American Journal of Medicine</i> , 2019, 132, 1466-1474.e4.	1.5	5

#	ARTICLE	IF	CITATIONS
397	State of the Art Imaging in MeniÃ“reÃ“s Disease. Tips and Tricks for Protocol and Interpretation. Current Radiology Reports, 2020, 8, 1.	1.4	5
398	Presymptomatic Dutch-Type Hereditary Cerebral Amyloid Angiopathy-Related Blood Metabolite Alterations. Journal of Alzheimer's Disease, 2021, 79, 895-903.	2.6	5
399	Striped occipital cortex and intragyral hemorrhage: Novel magnetic resonance imaging markers for cerebral amyloid angiopathy. International Journal of Stroke, 2021, 16, 1031-1038.	5.9	5
400	Reversible neurotoxicity during interleukin-2 therapy for metastatic renal cell carcinoma. European Journal of Cancer, 1995, 31, 1895-1897.	2.8	4
401	Fast, shape-directed, landmark-based deep gray matter segmentation for quantification of iron deposition. , 2006, , .		4
402	An early 18th-century case description of cluster headache. Cephalalgia, 2010, 30, 1392-1395.	3.9	4
403	Prospects of Magnetic Resonance Spectroscopy in Mouse Models of Alzheimers Disease. Current Medical Imaging, 2011, 7, 80-87.	0.8	4
404	Cerebral microbleeds and age-related macular degeneration: the AGES-Reykjavik Study. Neurobiology of Aging, 2012, 33, 2935-2937.	3.1	4
405	Association of High-Density Lipoprotein Cholesterol With Cognitive Function: Findings From the PROspective Study of Pravastatin in the Elderly at Risk. Journal of Aging and Health, 2020, 32, 1267-1274.	1.7	4
406	Pre-trained MRI-based Alzheimer's disease classification models to classify memory clinic patients. NeuroImage: Clinical, 2020, 27, 102303.	2.7	4
407	White matter hyperintensities associate with cognitive slowing in patients with systemic lupus erythematosus and neuropsychiatric symptoms. RMD Open, 2021, 7, e001650.	3.8	4
408	Cerebral amyloid angiopathy is associated with decreased functional brain connectivity. NeuroImage: Clinical, 2021, 29, 102546.	2.7	4
409	Hydropic Ear Disease: Correlation Between Audiovestibular Symptoms, Endolymphatic Hydrops and Blood-Labyrinth Barrier Impairment. Frontiers in Surgery, 2021, 8, 758947.	1.4	4
410	Calcified meningioma of the skull base simulating chondrosarcoma. European Journal of Radiology, 1995, 21, 148-151.	2.6	3
411	Global Volumetric Estimation of Disease Burden in Multiple Sclerosis Based on Magnetization Transfer Imaging. Journal of Neuro-Ophthalmology, 1999, 19, 115.	0.8	3
412	Associations between insulin action and integrity of brain microstructure differ with familial longevity and with age. Frontiers in Aging Neuroscience, 2015, 7, 92.	3.4	3
413	Classification using fractional anisotropy predicts conversion in genetic frontotemporal dementia, a proof of concept. Brain Communications, 2020, 2, fcaa079.	3.3	3
414	Cerebral fat embolism. European Radiology, 1998, 8, 1059-1059.	4.5	2

#	ARTICLE	IF	CITATIONS
415	Early Polymerisation of Histoacryl Mixed with Lipiodol. <i>Interventional Neuroradiology</i> , 1998, 4, 94-94.	1.1	2
416	Hippocampal volume and cognition in geriatric depression. <i>Biological Psychiatry</i> , 2001, 50, 68-69.	1.3	2
417	Improving information quality of MR brain images by fully automatic and robust image analysis methods. <i>Journal of the Society for Information Display</i> , 2007, 15, 367.	2.1	2
418	P.2.12 The Duchenne brain: A matter of grey and white. <i>Neuromuscular Disorders</i> , 2013, 23, 752.	0.6	2
419	Deformation texture-based features for classification in Alzheimer's disease. , 2013, , .		2
420	Lower Performance in Orientation to Time and Place Associates with Greater Risk of Cardiovascular Events and Mortality in the Oldest Old: Leiden 85-Plus Study. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 307.	3.4	2
421	Nonfocal transient neurological attacks in patients with carotid artery occlusion. <i>European Stroke Journal</i> , 2019, 4, 50-54.	5.5	2
422	Quantitative susceptibility mapping in the thalamus and basal ganglia of systemic lupus erythematosus patients with neuropsychiatric complaints. <i>NeuroImage: Clinical</i> , 2021, 30, 102637.	2.7	2
423	Occipital Cortical Calcifications in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2021, 52, 1851-1855.	2.0	2
424	Quantitative Methods for Comparisons between Velocity Encoded MR-Measurements and Finite Element Modeling in Phantom Models. <i>Lecture Notes in Computer Science</i> , 2002, , 255-264.	1.3	2
425	Spatial and temporal intracerebral hemorrhage patterns in Dutch-type hereditary cerebral amyloid angiopathy. <i>International Journal of Stroke</i> , 2022, 17, 793-798.	5.9	2
426	Search and retrieval of medical images for improved diagnosis of neurodegenerative diseases. , 2007, , .		1
427	O5-03-01: BIRTH WEIGHT, MID-LIFE HYPERTENSION, AND LATE-LIFE BRAIN TISSUE LOSS: A LIFE-COURSE APPROACH. , 2014, 10, P294-P294.		1
428	Developing biomarkers for cerebral amyloid angiopathy trials: do potential disease phenotypes hold promise? " Authors' reply. <i>Lancet Neurology</i> , The, 2014, 13, 540.	10.2	1
429	P1-258: CORTICAL PHASE CHANGES AT 7T MRI IN SUBJECTIVE COGNITIVE IMPAIRMENT AND THEIR ASSOCIATION WITH COGNITIVE FUNCTION. , 2014, 10, P402-P402.		1
430	P2-076: High-sensitivity serum troponin T and future risk of dementia: The AGES-Reykjavik study. , 2015, 11, P512-P512.		1
431	Nonfocal transient neurological attacks are related to cognitive impairment in patients with heart failure. <i>Journal of Neurology</i> , 2019, 266, 2035-2042.	3.6	1
432	An In Vivo Study on Brain Microstructure in Biological and Chronological Ageing. <i>PLoS ONE</i> , 2015, 10, e0120778.	2.5	1

#	ARTICLE	IF	CITATIONS
433	Compensatory prefrontal activation during planning in major depressive disorder; An event related fMRI study. <i>Journal of Affective Disorders</i> , 2008, 107, S79.	4.1	0
434	P.2.b.005 Magnetisation imaging in major depressive disorder. <i>European Neuropsychopharmacology</i> , 2009, 19, S393-S394.	0.7	0
435	MARKED VARIATION OF MRI ASSESSED PULSE WAVE VELOCITY AND LEFT VENTRICULAR MASS IN HYPERTENSIVE PATIENTS WITH IDENTICAL CARDIOVASCULAR RISK: PP.35.448. <i>Journal of Hypertension</i> , 2010, 28, e584.	0.5	0
436	IO4â€¦Magnetic transfer imaging in premanifest and manifest Huntington's disease: results from the TRACK-HD study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, A36.4-A37.	1.9	0
437	PREVALENCE AND SIMULTANEOUS OCCURENCE OF MRI ASSESSED CARDIAC AND CEREBRAL TARGET ORGAN DAMAGE AND MICROALBUMINURIA: 7A.07. <i>Journal of Hypertension</i> , 2010, 28, e402-e403.	0.5	0
438	P4.21 MR imaging and spectroscopy of the brain in DMD. <i>Neuromuscular Disorders</i> , 2010, 20, 664.	0.6	0
439	High field clinical MRI neuroimaging. , 2010, , .		0
440	Editorial [Hot topic: Prospects of Magnetic Resonance Imaging for Alzheimers Disease (Guest Editors:) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	0
441	G12â€¦From premanifest to manifest Huntington's disease: a 2-year follow-up study with magnetic resonance spectroscopy at 7 Tesla. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, A30.1-A30.	1.9	0
442	O1-03-01: The combined effect of midlife hypertension status and late-life blood pressure on brain volumes: The AGES-Reykjavik Study. , 2012, 8, P88-P88.		0
443	Postural sway in migraine patients and controls, results from a population based CAMERA-2 study. <i>Journal of Headache and Pain</i> , 2013, 14, .	6.0	0
444	SAT0218â€¦Clinical phenotypes in NPSLE; data from the leiden NPSLE clinic. <i>Annals of the Rheumatic Diseases</i> , 2013, 71, 545.3-546.	0.9	0
445	G.P.127. <i>Neuromuscular Disorders</i> , 2014, 24, 838-839.	0.6	0
446	G.P.126. <i>Neuromuscular Disorders</i> , 2014, 24, 838.	0.6	0
447	P2-222: REDUCED CALLOSAL WHITE MATTER INTEGRITY SURPASSES CEREBROSPINAL FLUID AND ATROPHY MARKERS AS PREDICTOR OF DECLINE IN SUBJECTS WITH MILD COGNITIVE IMPAIRMENT: A COMBINED VOLUMETRY AND DTI STUDY. , 2014, 10, P555-P556.		0
448	IC-P-181: BLOOD-BRAIN BARRIER LEAKAGE IN ALZHEIMER'S DISEASE: A DYNAMIC CONTRAST-ENHANCED MRI STUDY. , 2014, 10, P101-P101.		0
449	O2-09-02: INCIDENT CEREBRAL MICROBLEEDS AND THE RISK OF DEMENTIA: THE AGES-REYKJAVIK STUDY. , 2014, 10, P182-P182.		0
450	P4-116: DIRECT IN VIVO ASSESSMENT OF SEX-RELATED METABOLIC DIFFERENCES IN A MOUSE MODEL OF ALZHEIMER'S DISEASE BY MRI. , 2014, 10, P826-P826.		0

#	ARTICLE	IF	CITATIONS
451	P2-226: BLOOD-BRAIN-BARRIER LEAKAGE IN ALZHEIMER'S DISEASE: A DYNAMIC CONTRAST-ENHANCED MRI STUDY. , 2014, 10, P557-P557.		0
452	O1-02-04: 7T T2*-WEIGHTED MRI REVEALS CORTICAL PHASE DIFFERENCES BETWEEN EARLY- AND LATE-ONSET AD. , 2014, 10, P132-P133.		0
453	IC-P-179: REDUCED CALLOSAL WHITE MATTER INTEGRITY SURPASSES CEREBROSPINAL FLUID AND ATROPHY MARKERS AS PREDICTOR OF DECLINE IN SUBJECTS WITH MILD COGNITIVE IMPAIRMENT: A COMBINED VOLUMETRY AND DTI STUDY. , 2014, 10, P100-P100.		0
454	P2-076: THE LINK BETWEEN SERUM NT-PROBNP AND MEMORY FUNCTION IN COMMUNITY-DWELLING OLDER ADULTS. , 2014, 10, P498-P498.		0
455	Brain metabolite concentrations in Duchenne muscular dystrophy are unaltered compared to controls. Neuromuscular Disorders, 2015, 25, S250-S251.	0.6	0
456	AB0705â€¦Psychopathologic Involvement in Systemic Sclerosis: A Pilot Study. Annals of the Rheumatic Diseases, 2015, 74, 1133.3-1134.	0.9	0
457	IC-P-089: Vascular and amyloid pathologies in memory clinic patients: Synergetic or independent?. , 2015, 11, P62-P62.		0
458	P4-100: Vascular and amyloid pathologies in memory clinic patients: Synergetic or independent?. , 2015, 11, P814-P814.		0
459	O2-01-02: Longitudinal, structural and functional connectivity in presymptomatic familial frontotemporal dementia. , 2015, 11, P171-P172.		0
460	[O1â€“08â€“04]: IRON AND MYELIN AS SOURCES OF MRI CONTRAST IN PATIENTS WITH ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2017, 13, P208.	0.8	0
461	O2â€“08â€“01: COGNITIVE FUNCTION IN DEMENTIAâ€FREE SUBJECTS AND SURVIVAL IN OLD AGE. Alzheimer's and Dementia, 2018, 14, P637.	0.8	0
462	POS0714â€¦WHITE MATTER HYPERINTENSITIES LEAD TO REDUCED PSYCHOMOTOR SPEED IN PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS AND NEUROPSYCHIATRIC SYMPTOMS. Annals of the Rheumatic Diseases, 2021, 80, 606.2-607.	0.9	0
463	Cerebellar hemorrhages in patients with Dutch-type hereditary cerebral amyloid angiopathy. International Journal of Stroke, 2021, , 174749302110436.	5.9	0
464	Hypercaloric High Fat Fast Food Feeding for 5 Days Does Not Affect Oral Glucose Tolerance or Gut Hormone Levels in Healthy Young Men.. , 2010, , P3-544-P3-544.		0
465	Simultaneous Brain Structures Segmentation Combining Shape and Pose Forces. Lecture Notes in Computer Science, 2011, , 143-151.	1.3	0