

# Mark van Buchem

## List of Publications by Year in descending order

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Version: 2024-02-01

465  
papers

33,710  
citations

3721

89  
h-index

5806

161  
g-index

475  
all docs

475  
docs citations

475  
times ranked

33118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cerebrovascular Risk-Factors of Prevalent and Incident Brain Infarcts in the General Population: The AGES-Reykjavik Study. <i>Stroke</i> , 2022, 53, 1199-1206.	1.0	8
2	Spatial and temporal intracerebral hemorrhage patterns in Dutch-type hereditary cerebral amyloid angiopathy. <i>International Journal of Stroke</i> , 2022, 17, 793-798.	2.9	2
3	Longitudinal Progression of Magnetic Resonance Imaging Markers and Cognition in Dutch-Type Hereditary Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2022, 53, 2006-2015.	1.0	6
4	Hypertensive Exposure Markers by MRI in Relation to Cerebral Small Vessel Disease and Cognitive Impairment. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 176-185.	2.3	18
5	Presymptomatic Dutch-Type Hereditary Cerebral Amyloid Angiopathy-Related Blood Metabolite Alterations. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 895-903.	1.2	5
6	Quantitative susceptibility mapping in the thalamus and basal ganglia of systemic lupus erythematosus patients with neuropsychiatric complaints. <i>NeuroImage: Clinical</i> , 2021, 30, 102637.	1.4	2
7	Striped occipital cortex and intragyral hemorrhage: Novel magnetic resonance imaging markers for cerebral amyloid angiopathy. <i>International Journal of Stroke</i> , 2021, 16, 1031-1038.	2.9	5
8	Plasma Amyloid-Beta Levels in a Pre-Symptomatic Dutch-Type Hereditary Cerebral Amyloid Angiopathy Pedigree: A Cross-Sectional and Longitudinal Investigation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2931.	1.8	10
9	Abstract 36: The Boston Criteria V2.0 for Cerebral Amyloid Angiopathy: Updated Criteria and Multicenter MRI-Neuropathology Validation. <i>Stroke</i> , 2021, 52, .	1.0	9
10	Wave Reflection at the Origin of a First-Generation Branch Artery and Target Organ Protection. <i>Hypertension</i> , 2021, 77, 1169-1177.	1.3	15
11	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.	2.3	13
12	POS0714â€¦WHITE MATTER HYPERINTENSITIES LEAD TO REDUCED PSYCHOMOTOR SPEED IN PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS AND NEUROPSYCHIATRIC SYMPTOMS. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 606.2-607.	0.5	0
13	Occipital Cortical Calcifications in Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2021, 52, 1851-1855.	1.0	2
14	Neuroimaging Findings in Retinal Vasculopathy with Cerebral Leukoencephalopathy and Systemic Manifestations. <i>American Journal of Neuroradiology</i> , 2021, 42, 1604-1609.	1.2	8
15	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.	1.3	11
16	White matter hyperintensities associate with cognitive slowing in patients with systemic lupus erythematosus and neuropsychiatric symptoms. <i>RMD Open</i> , 2021, 7, e001650.	1.8	4
17	Off-label use of aducanumab for cerebral amyloid angiopathy. <i>Lancet Neurology</i> , The, 2021, 20, 596-597.	4.9	17
18	Cerebellar hemorrhages in patients with Dutch-type hereditary cerebral amyloid angiopathy. <i>International Journal of Stroke</i> , 2021, , 174749302110436.	2.9	0

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19	Cerebral amyloid angiopathy is associated with decreased functional brain connectivity. <i>NeuroImage: Clinical</i> , 2021, 29, 102546.	1.4	4
20	Hydropic Ear Disease: Correlation Between Audiovestibular Symptoms, Endolymphatic Hydrops and Blood-Labyrinth Barrier Impairment. <i>Frontiers in Surgery</i> , 2021, 8, 758947.	0.6	4
21	Ultra-long-TE arterial spin labeling reveals rapid and brain-wide blood-to-CSF water transport in humans. <i>NeuroImage</i> , 2021, 245, 118755.	2.1	26
22	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.	2.4	14
23	State of the Art Imaging in MeniÃ©re's Disease. Tips and Tricks for Protocol and Interpretation. <i>Current Radiology Reports</i> , 2020, 8, 1.	0.4	5
24	Classification using fractional anisotropy predicts conversion in genetic frontotemporal dementia, a proof of concept. <i>Brain Communications</i> , 2020, 2, fcaa079.	1.5	3
25	Cerebral small vessel disease genomics and its implications across the lifespan. <i>Nature Communications</i> , 2020, 11, 6285.	5.8	89
26	Sensitivity of the Edinburgh Criteria for Lobar Intracerebral Hemorrhage in Hereditary Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2020, 51, 3608-3612.	1.0	15
27	Association of High-Density Lipoprotein Cholesterol With Cognitive Function: Findings From the PROspective Study of Pravastatin in the Elderly at Risk. <i>Journal of Aging and Health</i> , 2020, 32, 1267-1274.	0.9	4
28	Pre-trained MRI-based Alzheimer's disease classification models to classify memory clinic patients. <i>NeuroImage: Clinical</i> , 2020, 27, 102303.	1.4	4
29	Patterns and characteristics of cognitive functioning in older patients approaching end stage kidney disease, the COPE-study. <i>BMC Nephrology</i> , 2020, 21, 126.	0.8	6
30	Cerebral cortical microinfarcts: A novel MRI marker of vascular brain injury in patients with heart failure. <i>International Journal of Cardiology</i> , 2020, 310, 96-102.	0.8	11
31	Neuroimaging in Dementia. <i>IDKD Springer Series</i> , 2020, , 131-142.	0.8	6
32	Hemoglobin and anemia in relation to dementia risk and accompanying changes on brain MRI. <i>Neurology</i> , 2019, 93, e917-e926.	1.5	66
33	Amyloid imaging of dutchÃ©type hereditary cerebral amyloid angiopathy carriers. <i>Annals of Neurology</i> , 2019, 86, 616-625.	2.8	22
34	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.	0.6	5
35	Advancing diagnostic criteria for sporadic cerebral amyloid angiopathy: Study protocol for a multicenter MRI-pathology validation of Boston criteria v2.0. <i>International Journal of Stroke</i> , 2019, 14, 956-971.	2.9	39
36	Distribution of cerebral microbleeds in the East and West. <i>Neurology</i> , 2019, 92, e1086-e1097.	1.5	53

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37	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.	1.3	14
38	Quantifying effects of radiotherapy-induced microvascular injury; review of established and emerging brain MRI techniques. <i>Radiotherapy and Oncology</i> , 2019, 140, 41-53.	0.3	29
39	Nonfocal transient neurological attacks are related to cognitive impairment in patients with heart failure. <i>Journal of Neurology</i> , 2019, 266, 2035-2042.	1.8	1
40	Nonfocal transient neurological attacks in patients with carotid artery occlusion. <i>European Stroke Journal</i> , 2019, 4, 50-54.	2.7	2
41	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.	1.6	13
42	Microstructural white matter changes preceding white matter hyperintensities in migraine. <i>Neurology</i> , 2019, 93, e688-e694.	1.5	15
43	Multimodal MRI of grey matter, white matter, and functional connectivity in cognitively healthy mutation carriers at risk for frontotemporal dementia and Alzheimer's disease. <i>BMC Neurology</i> , 2019, 19, 343.	0.8	10
44	Vascular dysfunction – The disregarded partner of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 158-167.	0.4	454
45	Are serum autoantibodies associated with brain changes in systemic lupus erythematosus? MRI data from the Leiden NP-SLE cohort. <i>Lupus</i> , 2019, 28, 94-103.	0.8	22
46	Clinical significance of cerebral microbleeds on MRI: A comprehensive meta-analysis of risk of intracerebral hemorrhage, ischemic stroke, mortality, and dementia in cohort studies (v1). <i>International Journal of Stroke</i> , 2018, 13, 454-468.	2.9	82
47	Innovative Magnetic Resonance Imaging Markers of Hereditary Cerebral Amyloid Angiopathy at 7 Tesla. <i>Stroke</i> , 2018, 49, 1518-1520.	1.0	12
48	Migraine and vascular disease biomarkers: A population-based case-control study. <i>Cephalalgia</i> , 2018, 38, 511-518.	1.8	36
49	TGF $\beta$ 2 pathway deregulation and abnormal phospho $\beta$ SMAD2/3 staining in hereditary cerebral hemorrhage with amyloidosis – Dutch type. <i>Brain Pathology</i> , 2018, 28, 495-506.	2.1	15
50	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.	0.5	44
51	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.	1.5	93
52	Differential associations between retinal signs and CMBs by location. <i>Neurology</i> , 2018, 90, e142-e148.	1.5	11
53	O $\beta$ 42: COGNITIVE FUNCTION IN DEMENTIA – FREE SUBJECTS AND SURVIVAL IN OLD AGE. <i>Alzheimer's and Dementia</i> , 2018, 14, P637.	0.4	0
54	Laboratory and Neuroimaging Biomarkers in Neuropsychiatric Systemic Lupus Erythematosus: Where Do We Stand, Where To Go?. <i>Frontiers in Medicine</i> , 2018, 5, 340.	1.2	32

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55	Cerebral Amyloid Angiopathy With Vascular Iron Accumulation and Calcification. <i>Stroke</i> , 2018, 49, 2081-2087.	1.0	15
56	The AGES-Reykjavik Study suggests that change in kidney measures is associated with subclinical brain pathology in older community-dwelling persons. <i>Kidney International</i> , 2018, 94, 608-615.	2.6	10
57	Brain Transcriptomic Analysis of Hereditary Cerebral Hemorrhage With Amyloidosis-Dutch Type. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 102.	1.7	13
58	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.	1.0	17
59	Perivascular Spaces Volume in Sporadic and Hereditary (Dutch-Type) Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2018, 49, 1913-1919.	1.0	31
60	Cerebellar function and ischemic brain lesions in migraine patients from the general population. <i>Cephalalgia</i> , 2017, 37, 177-190.	1.8	22
61	Predicting progression to dementia in persons with mild cognitive impairment using cerebrospinal fluid markers. <i>Alzheimer's and Dementia</i> , 2017, 13, 903-912.	0.4	32
62	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.	0.8	21
63	Subtle blood-brain barrier leakage rate and spatial extent: Considerations for dynamic contrast-enhanced <i>scp&gt;MRI&lt;/scp&gt;</i> . <i>Medical Physics</i> , 2017, 44, 4112-4125.	1.6	75
64	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.	0.7	30
65	The cerebrovascular response to lower-body negative pressure vs. head-up tilt. <i>Journal of Applied Physiology</i> , 2017, 122, 877-883.	1.2	17
66	Space and location of cerebral microbleeds, cognitive decline, and dementia in the community. <i>Neurology</i> , 2017, 88, 2089-2097.	1.5	117
67	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.	0.9	17
68	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.	0.9	50
69	Iron in deep brain nuclei in migraine? CAMERA follow-up MRI findings. <i>Cephalalgia</i> , 2017, 37, 795-800.	1.8	15
70	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.	4.9	68
71	Volumetric brain changes in migraineurs from the general population. <i>Neurology</i> , 2017, 89, 2066-2074.	1.5	44
72	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.	0.9	162

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73	Large Perivascular Spaces Visible on Magnetic Resonance Imaging, Cerebral Small Vessel Disease Progression, and Risk of Dementia. <i>JAMA Neurology</i> , 2017, 74, 1105.	4.5	136
74	Incidence of Brain Infarcts, Cognitive Change, and Risk of Dementia in the General Population. <i>Stroke</i> , 2017, 48, 2353-2360.	1.0	54
75	Aging modifies the effect of cardiac output on middle cerebral artery blood flow velocity. <i>Physiological Reports</i> , 2017, 5, e13361.	0.7	22
76	Percutaneous laser disc decompression versus microdiscectomy for sciatica: Cost utility analysis alongside a randomized controlled trial. <i>Interventional Neuroradiology</i> , 2017, 23, 538-545.	0.7	12
77	Decreased cerebral perfusion in Duchenne muscular dystrophy patients. <i>Neuromuscular Disorders</i> , 2017, 27, 29-37.	0.3	28
78	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.	0.9	90
79	Middle cerebral artery diameter changes during rhythmic handgrip exercise in humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 2921-2927.	2.4	84
80	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.	1.1	28
81	The anterior hypothalamus in cluster headache. <i>Cephalalgia</i> , 2017, 37, 1039-1050.	1.8	50
82	Allometric scaling of brain regions to intra-cranial volume: An epidemiological MRI study. <i>Human Brain Mapping</i> , 2017, 38, 151-164.	1.9	32
83	In vivo 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.	1.5	34
84	[O1â€“08â€“04]: IRON AND MYELIN AS SOURCES OF MRI CONTRAST IN PATIENTS WITH ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P208.	0.4	0
85	Cortical Iron Reflects Severity of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 1533-1545.	1.2	119
86	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.	1.7	2
87	Cerebrovascular and amyloid pathology in prodementia stages: the relationship with neurodegeneration and cognitive decline. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 101.	3.0	43
88	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.	7.0	6
89	Cerebral magnetic resonance imaging in quiescent Crohn's disease patients with fatigue. <i>World Journal of Gastroenterology</i> , 2017, 23, 1018.	1.4	12
90	Cardiovascular Response Patterns to Sympathetic Stimulation by Central Hypovolemia. <i>Frontiers in Physiology</i> , 2016, 7, 235.	1.3	6

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91	Detection superiority of 7ÂT MRI protocol in patients with epilepsy and suspected focal cortical dysplasia. <i>Acta Neurologica Belgica</i> , 2016, 116, 259-269.	0.5	27
92	Changes in White Matter Microstructure Suggest an Inflammatory Origin of Neuropsychiatric Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2016, 68, 1945-1954.	2.9	28
93	White Matter Hyperintensities Potentiate Hippocampal Volume Reduction in Non-Demented Older Individuals with Abnormal Amyloid-Î². <i>Journal of Alzheimer's Disease</i> , 2016, 55, 333-342.	1.2	16
94	Bis-pyridylethenyl benzene as novel backbone for amyloid-Î² binding compounds. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 6139-6148.	1.4	5
95	Reproducibility and variability of quantitative magnetic resonance imaging markers in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1319-1337.	2.4	80
96	Cortical atrophy in patients with cerebral amyloid angiopathy: a case-control study. <i>Lancet Neurology</i> , The, 2016, 15, 811-819.	4.9	96
97	Recurrent hemorrhage risk and mortality in hereditary and sporadic cerebral amyloid angiopathy. <i>Neurology</i> , 2016, 87, 1482-1487.	1.5	45
98	Retinal vasculopathy with cerebral leukoencephalopathy and systemic manifestations. <i>Brain</i> , 2016, 139, 2909-2922.	3.7	114
99	Cardiac and Carotid Markers Link With Accelerated Brain Atrophy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2246-2251.	1.1	27
100	Cerebral blood flow in small vessel disease: A systematic review and meta-analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1653-1667.	2.4	223
101	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.	0.8	11
102	Early Magnetic Resonance Imaging and Cognitive Markers of Hereditary Cerebral Amyloid Angiopathy. <i>Stroke</i> , 2016, 47, 3041-3044.	1.0	32
103	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
104	Is the brain of complex regional pain syndrome patients truly different?. <i>European Journal of Pain</i> , 2016, 20, 1622-1633.	1.4	29
105	Neurovascular unit impairment in early Alzheimer's disease measured with magnetic resonance imaging. <i>Neurobiology of Aging</i> , 2016, 45, 190-196.	1.5	146
106	Late-life brain volume: a life-course approach. The AGES-Reykjavik study. <i>Neurobiology of Aging</i> , 2016, 41, 86-92.	1.5	9
107	Blood-Brain Barrier Leakage in Patients with Early Alzheimer Disease. <i>Radiology</i> , 2016, 281, 527-535.	3.6	411
108	Cortical phase changes measured using 7â€T MRI in subjects with subjective cognitive impairment, and their association with cognitive function. <i>NMR in Biomedicine</i> , 2016, 29, 1289-1294.	1.6	12

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109	Brain Volume as an Integrated Marker for the Risk of Death in a Community-Based Sample: Age Gene/Environment Susceptibilityâ€”Reykjavik Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 131-137.	1.7	13
110	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.	2.0	24
111	Glial and axonal changes in systemic lupus erythematosus measured with diffusion of intracellular metabolites. <i>Brain</i> , 2016, 139, 1447-1457.	3.7	54
112	Systemic right-to-left shunts, ischemic brain lesions, and persistent migraine activity. <i>Neurology</i> , 2016, 86, 1668-1675.	1.5	16
113	Cerebrovascular Damage Mediates Relations Between Aortic Stiffness and Memory. <i>Hypertension</i> , 2016, 67, 176-182.	1.3	107
114	Associations between arterial stiffness, depressive symptoms and cerebral small vessel disease: cross-sectional findings from the AGES-Reykjavik Study. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 162-168.	1.4	48
115	Brain metabolite concentrations in Duchenne muscular dystrophy are unaltered compared to controls. <i>Neuromuscular Disorders</i> , 2015, 25, S250-S251.	0.3	0
116	Infratentorial Microbleeds. <i>Stroke</i> , 2015, 46, 1987-1989.	1.0	13
117	Visceral adipose tissue is associated with microstructural brain tissue damage. <i>Obesity</i> , 2015, 23, 1092-1096.	1.5	26
118	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.	1.5	41
119	AB0705â€”Psychopathologic Involvement in Systemic Sclerosis: A Pilot Study. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1133.3-1134.	0.5	0
120	Association of the fat mass and obesityâ€”associated gene risk allele, rs9939609A, and rewardâ€”related brain structures. <i>Obesity</i> , 2015, 23, 2118-2122.	1.5	19
121	ICA-based artifact removal diminishes scan site differences in multi-center resting-state fMRI. <i>Frontiers in Neuroscience</i> , 2015, 9, 395.	1.4	61
122	Functional Connectivity Changes and Executive and Social Problems in Neurofibromatosis Type I. <i>Brain Connectivity</i> , 2015, 5, 312-320.	0.8	41
123	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.	4.0	106
124	Risk Factors Associated With Incident Cerebral Microbleeds According to Location in Older People. <i>JAMA Neurology</i> , 2015, 72, 682.	4.5	103
125	Carotid Arterial Stiffness and Risk of Incident Cerebral Microbleeds in Older People. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1889-1895.	1.1	45
126	An automated tool for cortical feature analysis: Application to differences on 7 T-weighted images between young and older healthy subjects. <i>Magnetic Resonance in Medicine</i> , 2015, 74, 240-248.	1.9	6



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127	P2-076: High-sensitivity serum troponin T and future risk of dementia: The AGES-Reykjavik study. , 2015, 11, P512-P512.		1
128	IC-P-089: Vascular and amyloid pathologies in memory clinic patients: Synergetic or independent?. , 2015, 11, P62-P62.		0
129	P4-100: Vascular and amyloid pathologies in memory clinic patients: Synergetic or independent?. , 2015, 11, P814-P814.		0
130	O2-01-02: Longitudinal, structural and functional connectivity in presymptomatic familial frontotemporal dementia. , 2015, 11, P171-P172.		0
131	MRI Susceptibility Changes Suggestive of Iron Deposition in the Thalamus after Ischemic Stroke. Cerebrovascular Diseases, 2015, 40, 67-72.	0.8	22
132	Ketamine interactions with biomarkers of stress: A randomized placebo-controlled repeated measures resting-state fMRI and PCASL pilot study in healthy men. NeuroImage, 2015, 108, 396-409.	2.1	46
133	DISC1 gene and affective psychopathology: A combined structural and functional MRI study. Journal of Psychiatric Research, 2015, 61, 150-157.	1.5	9
134	Percutaneous laser disc decompression versus conventional microdiscectomy in sciatica: a randomized controlled trial. Spine Journal, 2015, 15, 857-865.	0.6	61
135	Enhanced glutathione PEGylated liposomal brain delivery of an anti-amyloid single domain antibody fragment in a mouse model for Alzheimer's disease. Journal of Controlled Release, 2015, 203, 40-50.	4.8	114
136	Resting-State Functional Connectivity in Patients with Long-Term Remission of Cushing's Disease. Neuropsychopharmacology, 2015, 40, 1888-1898.	2.8	44
137	Associations between insulin action and integrity of brain microstructure differ with familial longevity and with age. Frontiers in Aging Neuroscience, 2015, 7, 92.	1.7	3
138	Accelerated progression of white matter hyperintensities and subsequent risk of mortality: a 12-year follow-up study. Neurobiology of Aging, 2015, 36, 2130-2135.	1.5	26
139	Evidence for smaller right amygdala volumes in posttraumatic stress disorder following childhood trauma. Psychiatry Research - Neuroimaging, 2015, 233, 436-442.	0.9	69
140	A multimodal MRI approach to identify and characterize microstructural brain changes in neuropsychiatric systemic lupus erythematosus. NeuroImage: Clinical, 2015, 8, 337-344.	1.4	49
141	Multiethnic Genome-Wide Association Study of Cerebral White Matter Hyperintensities on MRI. Circulation: Cardiovascular Genetics, 2015, 8, 398-409.	5.1	162
142	Fusion of hlgG1-Fc to 111In-anti-amyloid single domain antibody fragment VHH-pa2H prolongs blood residential time in APP/PS1 mice but does not increase brain uptake. Nuclear Medicine and Biology, 2015, 42, 695-702.	0.3	47
143	Obesity is marked by distinct functional connectivity in brain networks involved in food reward and salience. Behavioural Brain Research, 2015, 287, 127-134.	1.2	89
144	Cardiac Hemodynamics are Linked With Structural and Functional Features of Brain Aging: The Age, Gene/Environment Susceptibility (AGES)â€Reykjavik Study. Journal of the American Heart Association, 2015, 4, e001294.	1.6	50

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145	Brain Activation During Emotional Memory Processing Associated with Subsequent Course of Depression. <i>Neuropsychopharmacology</i> , 2015, 40, 2454-2463.	2.8	17
146	N-terminal pro- $\alpha$ -brain natriuretic peptide and abnormal brain aging. <i>Neurology</i> , 2015, 85, 813-820.	1.5	23
147	Parameters of glucose metabolism and the aging brain: a magnetization transfer imaging study of brain macro- and micro-structure in older adults without diabetes. <i>Age</i> , 2015, 37, 9802.	3.0	8
148	Association between changes in brain microstructure and cognition in older subjects at increased risk for vascular disease. <i>BMC Neurology</i> , 2015, 15, 133.	0.8	6
149	White Matter Lesion Progression. <i>Stroke</i> , 2015, 46, 3048-3057.	1.0	27
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