Geert Jan Biessels

List of Publications by Year
in descending order

		8732	7718
341	26,689	75	150
papers	citations	h-index	g-index

363	363	363	24755
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neuroimaging standards for research into small vessel disease and its contribution to ageing and neurodegeneration. Lancet Neurology, The, 2013, 12, 822-838.	4.9	3,919
2	Risk of dementia in diabetes mellitus: a systematic review. Lancet Neurology, The, 2006, 5, 64-74.	4.9	1,791
3	New insights into the genetic etiology of Alzheimerâ€™s disease and related dementias. Nature Genetics, 2022, 54, 412-436.	9.4	700
4	Cognitive decline and dementia in diabetes mellitus: mechanisms and clinical implications. Nature Reviews Endocrinology, 2018, 14, 591-604.	4.3	689
5	The Effects of Type 1 Diabetes on Cognitive Performance: A meta-analysis. Diabetes Care, 2005, 28, 726-735.	4.3	652
6	Cognition and diabetes: a lifespan perspective. Lancet Neurology, The, 2008, 7, 184-190.	4.9	557
7	Vascular dysfunctionâ€”The disregarded partner of Alzheimer's disease. Alzheimer's and Dementia, 2019, 15, 158-167.	0.4	454
8	Brain Magnetic Resonance Imaging Correlates of Impaired Cognition in Patients With Type 2 Diabetes. Diabetes, 2006, 55, 1106-1113.	0.3	431
9	Dementia and cognitive decline in type 2 diabetes and prediabetic stages: towards targeted interventions. Lancet Diabetes and Endocrinology,the, 2014, 2, 246-255.	5.5	431
10	Hippocampal insulin resistance and cognitive dysfunction. Nature Reviews Neuroscience, 2015, 16, 660-671.	4.9	396
11	Methodological considerations on tract-based spatial statistics (TBSS). NeuroImage, 2014, 100, 358-369.	2.1	395
12	Ageing and diabetes: implications for brain function. European Journal of Pharmacology, 2002, 441, 1-14.	1.7	377
13	Diabetes, hyperglycaemia, and acute ischaemic stroke. Lancet Neurology, The, 2012, 11, 261-271.	4.9	377
14	Brain Imaging in Patients With Diabetes: A systematic review. Diabetes Care, 2006, 29, 2539-2548.	4.3	317
15	Treatment of Diabetes in Older Adults: An Endocrine Society* Clinical Practice Guideline. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1520-1574.	1.8	305
16	Diabetes and other vascular risk factors for dementia: Which factor matters most? A systematic review. European Journal of Pharmacology, 2008, 585, 97-108.	1.7	297
17	Type 2 diabetes mellitus, hypertension, dyslipidemia and obesity: A systematic comparison of their impact on cognition. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2009, 1792, 470-481.	1.8	295
18	Prevention of Stroke in Patients With Silent Cerebrovascular Disease: A Scientific Statement for Healthcare Professionals From the American Heart Association/American Stroke Association. Stroke, 2017, 48, e44-e71.	1.0	284

#	Article	IF	Citations
19	Hyperglycemia in acute ischemic stroke: pathophysiology and clinical management. Nature Reviews Neurology, 2010, 6, 145-155.	4.9	282
20	Glucose regulation, cognition, and brain MRI in type 2 diabetes: a systematic review. Lancet Diabetes and Endocrinology,the, 2015, 3, 75-89.	5.5	281
21	Cognitive function in patients with diabetes mellitus: guidance for daily care. Lancet Neurology, The, 2015, 14, 329-340.	4.9	264
22	Magnitude of Cognitive Dysfunction in Adults with Type 2 Diabetes: A Meta-analysis of Six Cognitive Domains and the Most Frequently Reported Neuropsychological Tests Within Domains. Journal of the International Neuropsychological Society, 2014, 20, 278-291.	1.2	263
23	A Novel Imaging Marker for Small Vessel Disease Based on Skeletonization of White Matter Tracts and Diffusion Histograms. Annals of Neurology, 2016, 80, 581-592.	2.8	250
24	White matter hyperintensities in vascular contributions to cognitive impairment and dementia (VCID): Knowledge gaps and opportunities. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2019, 5, 107-117.	1.8	250
25	Brain Changes Underlying Cognitive Dysfunction in Diabetes: What Can We Learn From MRI?. Diabetes, 2014, 63, 2244-2252.	0.3	242
26	Cerebral Microinfarcts: A Systematic Review of Neuropathological Studies. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 425-436.	2.4	227
27	Detection, risk factors, and functional consequences of cerebral microinfarcts. Lancet Neurology, The, 2017, 16, 730-740.	4.9	225
28	Microstructural White Matter Abnormalities and Cognitive Functioning in Type 2 Diabetes. Diabetes Care, 2013, 36, 137-144.	4.3	206
29	Cognitive dysfunction in patients with type 2 diabetes. Diabetes/Metabolism Research and Reviews, 2010, 26, 507-519.	1.7	201
30	Type 2 diabetes and cognitive dysfunctionâ€"towards effective management of both comorbidities. Lancet Diabetes and Endocrinology,the, 2020, 8, 535-545.	5.5	192
31	Midlife risk score for the prediction of dementia four decades later. Alzheimer's and Dementia, 2014, 10, 562-570.	0.4	190
32	Risk score for prediction of 10 year dementia risk in individuals with type 2 diabetes: a cohort study. Lancet Diabetes and Endocrinology,the, 2013, 1, 183-190.	5.5	189
33	MRBrainS Challenge: Online Evaluation Framework for Brain Image Segmentation in 3T MRI Scans. Computational Intelligence and Neuroscience, 2015, 2015, 1-16.	1.1	179
34	In Vivo Detection of Cerebral Cortical Microinfarcts with High-Resolution 7T MRI. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 322-329.	2.4	177
35	Standardized Assessment of Automatic Segmentation of White Matter Hyperintensities and Results of the WMH Segmentation Challenge. IEEE Transactions on Medical Imaging, 2019, 38, 2556-2568.	5.4	165
36	Progression of Cerebral Atrophy and White Matter Hyperintensities in Patients With Type 2 Diabetes. Diabetes Care, 2010, 33, 1309-1314.	4.3	155

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37	The impact of diabetes on cognition: What can be learned from rodent models?. Neurobiology of Aging, 2005, 26, 36-41.	1.5	149
38	Hippocampal subfield volumes at 7T in early Alzheimer's disease and normal aging. Neurobiology of Aging, 2014, 35, 2039-2045.	1.5	149
39	Cognitive Performance, Psychological Well-Being, and Brain Magnetic Resonance Imaging in Older Patients With Type 1 Diabetes. Diabetes, 2006, 55, 1800-1806.	0.3	146
40	Imaging Intracranial Vessel Wall Pathology With Magnetic Resonance Imaging. Circulation, 2014, 130, 192-201.	1.6	143
41	Strategic infarct location for post-stroke cognitive impairment: A multivariate lesion-symptom mapping study. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1299-1311.	2.4	136
42	Disruption of the Cerebral White Matter Network Is Related to Slowing of Information Processing Speed in Patients With Type 2 Diabetes. Diabetes, 2013, 62, 2112-2115.	0.3	135
43	Cognition in the Early Stage of Type 2 Diabetes. Diabetes Care, 2009, 32, 1261-1265.	4.3	134
44	A Critical Appraisal of the Hippocampal Subfield Segmentation Package in FreeSurfer. Frontiers in Aging Neuroscience, 2014, 6, 261.	1.7	132
45	Lesion location and cognitive impact of cerebral small vessel disease. Clinical Science, 2017, 131, 715-728.	1.8	127
46	Disruption of cerebral networks and cognitive impairment in Alzheimer disease. Neurology, 2013, 80, 1370-1377.	1.5	125
47	Outcome markers for clinical trials in cerebral amyloid angiopathy. Lancet Neurology, The, 2014, 13, 419-428.	4.9	124
48	Bayesian Model Selection for Pathological Neuroimaging Data Applied to White Matter Lesion Segmentation. IEEE Transactions on Medical Imaging, 2015, 34, 2079-2102.	5.4	123
49	Associations Between Retinal Microvascular Changes and Dementia, Cognitive Functioning, and Brain Imaging Abnormalities: A Systematic Review. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 983-995.	2.4	122
50	Tackling challenges in care of Alzheimer's disease and other dementias amid the COVIDâ€19 pandemic, now and in the future. Alzheimer's and Dementia, 2020, 16, 1571-1581.	0.4	122
51	Cerebral cortical thickness in patients with type 2 diabetes. Journal of the Neurological Sciences, 2010, 299, 126-130.	0.3	121
52	Strategic infarct locations for post-stroke cognitive impairment: a pooled analysis of individual patient data from 12 acute ischaemic stroke cohorts. Lancet Neurology, The, 2021, 20, 448-459.	4.9	120
53	Cognitive dysfunction in diabetes: how to implement emerging guidelines. Diabetologia, 2020, 63, 3-9.	2.9	117
54	The impact of diabetes mellitus on cognitive decline in the oldest of the old: a prospective population-based study. Diabetologia, 2006, 49, 2015-2023.	2.9	112

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55	Cortical microinfarcts on 3T MRI: Clinical correlates inÂmemoryâ€¢clinicÂpatients. Alzheimer's and Dementia, 2015, 11, 1500-1509.	0.4	109
56	Free water determines diffusion alterations and clinical status in cerebral small vessel disease. Alzheimer's and Dementia, 2018, 14, 764-774.	0.4	108
57	Shared and distinct anatomical correlates of semantic and phonemic fluency revealed by lesion-symptom mapping in patients with ischemic stroke. Brain Structure and Function, 2016, 221, 2123-2134.	1.2	107
58	White Matter Lesions and Brain Atrophy: More than Shared Risk Factors? A Systematic Review. Cerebrovascular Diseases, 2009, 28, 227-242.	0.8	104
59	Diabetes Increases Atrophy and Vascular Lesions on Brain MRI in Patients With Symptomatic Arterial Disease. Stroke, 2008, 39, 1600-1603.	1.0	102
60	Visualization of Perivascular Spaces and Perforating Arteries With 7 T Magnetic Resonance Imaging. Investigative Radiology, 2014, 49, 307-313.	3.5	102
61	Association of Amyloid Positron Emission Tomography With Changes in Diagnosis and Patient Treatment in an Unselected Memory Clinic Cohort. JAMA Neurology, 2018, 75, 1062.	4.5	102
62	Cortical cerebral microinfarcts on 3T MRI. Neurology, 2016, 87, 1583-1590.	1.5	101
63	Hyperglycemia and Clinical Outcome in Aneurysmal Subarachnoid Hemorrhage. Stroke, 2009, 40, e424-30.	1.0	96
64	Brain imaging in type 2 diabetes. European Neuropsychopharmacology, 2014, 24, 1967-1981.	0.3	96
65	Understanding multifactorial brain changes in type 2 diabetes: a biomarker perspective. Lancet Neurology, The, 2020, 19, 699-710.	4.9	96
66	Microbleed and microinfarct detection in amyloid angiopathy: a high-resolution MRI-histopathology study. Brain, 2016, 139, 3151-3162.	3.7	94
67	Association between Subcortical Vascular Lesion Location and Cognition: A Voxel-Based and Tract-Based Lesion-Symptom Mapping Study. The SMART-MR Study. PLoS ONE, 2013, 8, e60541.	1.1	92
68	A detailed profile of cognitive dysfunction and its relation to psychological distress in patients with type 2 diabetes mellitus. Journal of the International Neuropsychological Society, 2007, 13, 288-97.	1.2	91
69	Multiple Microbleeds are Related to Cerebral Network Disruptions in Patients with Early Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 38, 211-221.	1.2	89
70	Evaluation of a deep learning approach for the segmentation of brain tissues and white matter hyperintensities of presumed vascular origin inÂMRI. NeuroImage: Clinical, 2018, 17, 251-262.	1.4	88
71	Cognitive Functioning and Brain MRI in Patients with Type 1 and Type 2 Diabetes Mellitus: A Comparative Study. Dementia and Geriatric Cognitive Disorders, 2007, 23, 343-350.	0.7	86
72	Efficient detection of cerebral microbleeds on 7.0T MR images using the radial symmetry transform. NeuroImage, 2012, 59, 2266-2273.	2.1	84

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73	Cognitive Functioning in Elderly Persons with Type 2 Diabetes and Metabolic Syndrome: the Hoorn Study. Dementia and Geriatric Cognitive Disorders, 2008, 26, 261-269.	0.7	83
74	Robustness of Automated Methods for Brain Volume Measurements across Different MRI Field Strengths. PLoS ONE, 2016, 11, e0165719.	1.1	83
75	METACOHORTS for the study of vascular disease and its contribution to cognitive decline and neurodegeneration: An initiative of the Joint Programme for Neurodegenerative Disease Research. Alzheimer's and Dementia, 2016, 12, 1235-1249.	0.4	82
76	White Matter Hyperintensities and Cognition in Mild Cognitive Impairment and Alzheimerâ€™s Disease: A Domain-Specific Meta-Analysis. Journal of Alzheimer's Disease, 2018, 63, 515-527.	1.2	82
77	Reproducibility and variability of quantitative magnetic resonance imaging markers in cerebral small vessel disease. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1319-1337.	2.4	80
78	Accelerated cognitive decline in patients with type 2 diabetes: MRI correlates and risk factors. Diabetes/Metabolism Research and Reviews, 2011, 27, 195-202.	1.7	78
79	Heart failure and cognitive function in the general population: the Hoorn Study. European Journal of Heart Failure, 2011, 13, 1362-1369.	2.9	78
80	High Prevalence of Cerebral Microbleeds at 7Tesla MRI in Patients with Early Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 31, 259-263.	1.2	78
81	The Effect of Lacunar Infarcts on White Matter Tract Integrity. Stroke, 2013, 44, 2019-2021.	1.0	77
82	Cerebral amyloid angiopathy severity is linked to dilation of juxtacortical perivascular spaces. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 576-580.	2.4	76
83	Angiotensin converting enzyme inhibition partially prevents deficits in water maze performance, hippocampal synaptic plasticity and cerebral blood flow in streptozotocin-diabetic rats. Brain Research, 2003, 966, 274-282.	1.1	73
84	Diabetes and cognitive impairment. Journal of Neurology, 2006, 253, 477-482.	1.8	72
85	Glucose, insulin and the brain: modulation of cognition and synaptic plasticity in health and disease: a preface. European Journal of Pharmacology, 2004, 490, 1-4.	1.7	66
86	Vascular and Alzheimer's disease markers independently predict brain atrophy rate in Alzheimer's Disease Neuroimaging Initiative controls. Neurobiology of Aging, 2013, 34, 1996-2002.	1.5	66
87	Harmonizing brain magnetic resonance imaging methods for vascular contributions to neurodegeneration. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 191-204.	1.2	65
88	Higher Pulsatility in Cerebral Perforating Arteries in Patients With Small Vessel Disease Related Stroke, a 7T MRI Study. Stroke, 2019, 50, 62-68.	1.0	65
89	Severe Diabetic Retinal Disease and Dementia Risk in Type 2 Diabetes. Journal of Alzheimer's Disease, 2014, 42, S109-S117.	1.2	64
90	Risk Factors and Cognitive Relevance of Cortical Cerebral Microinfarcts in Patients With Ischemic Stroke or Transient Ischemic Attack. Stroke, 2016, 47, 2450-2455.	1.0	63

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91	Heterogeneous histopathology of cortical microbleeds in cerebral amyloid angiopathy. Neurology, 2016, 86, 867-871.	1.5	63
92	Cortical Microinfarcts Detected In Vivo on 3 Tesla MRI. Stroke, 2015, 46, 255-257.	1.0	62
93	White matter hyperintensities are associated with disproportionate progressive hippocampal atrophy. Hippocampus, 2017, 27, 249-262.	0.9	62
94	Diabetes mellitus and progression of vascular brain lesions and brain atrophy in patients with symptomatic atherosclerotic disease. The SMART-MR study. Journal of the Neurological Sciences, 2013, 332, 69-74.	0.3	61
95	The Prognostic Value of CT Angiography and CT Perfusion in Acute Ischemic Stroke. Cerebrovascular Diseases, 2015, 40, 258-269.	0.8	60
96	Cognitive dysfunction and diabetes: Implications for primary care. Primary Care Diabetes, 2007, 1, 187-193.	0.9	59
97	Multi-sequence whole-brain intracranial vessel wall imaging at 7.0 tesla. European Radiology, 2013, 23, 2996-3004.	2.3	59
98	The anatomy of visuospatial construction revealed by lesion-symptom mapping. Neuropsychologia, 2014, 62, 68-76.	0.7	59
99	The Dutch Parelsnoer Institute - Neurodegenerative diseases; methods, design and baseline results. BMC Neurology, 2014, 14, 254.	0.8	57
100	Alzheimer's biomarkers in daily practice (ABIDE) project: Rationale and design. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 6, 143-151.	1.2	57
101	Association Between Subclinical Cardiac Biomarkers and Clinically Manifest Cardiac Diseases With Cortical Cerebral Microinfarcts. JAMA Neurology, 2017, 74, 403.	4.5	57
102	Cerebral haemodynamics, cognition and brain volumes in patients with type 2 diabetes. Journal of Diabetes and Its Complications, 2012, 26, 205-209.	1.2	56
103	Neuronal Ca2+ disregulation in diabetes mellitus. European Journal of Pharmacology, 2002, 447, 201-209.	1.7	54
104	The Spectrum of MR Detectable Cortical Microinfarcts: A Classification Study with 7-Tesla Postmortem MRI and Histopathology. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 676-683.	2.4	54
105	Hyperglycemia in Aneurysmal Subarachnoid Hemorrhage: A Potentially Modifiable Risk Factor for Poor Outcome. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 1577-1587.	2.4	53
106	Microvascular Determinants of Cognitive Decline and Brain Volume Change in Elderly Patients with Type 2 Diabetes. Dementia and Geriatric Cognitive Disorders, 2010, 30, 381-386.	0.7	53
107	Intensive multifactorial treatment and cognitive functioning in screen-detected type 2 diabetes â€" The ADDITION-Netherlands study: A cluster-randomized trial. Journal of the Neurological Sciences, 2012, 314, 71-77.	0.3	53
108	The Role of Hyperglycemia, Insulin Resistance, and Blood Pressure in Diabetes-Associated Differences in Cognitive Performanceâ€"The Maastricht Study. Diabetes Care, 2017, 40, 1537-1547.	4.3	53

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109	Brain microvascular injury and white matter disease provoked by diabetesâ€associated hyperamylinemia. Annals of Neurology, 2017, 82, 208-222.	2.8	52
110	Effect of Linagliptin on Cognitive Performance in Patients With Type 2 Diabetes and Cardiorenal Comorbidities: The CARMELINA Randomized Trial. Diabetes Care, 2019, 42, 1930-1938.	4.3	52
111	Impact of Strategically Located White Matter Hyperintensities on Cognition in Memory Clinic Patients with Small Vessel Disease. PLoS ONE, 2016, 11, e0166261.	1.1	52
112	Cerebral Microvascular Lesions on High-Resolution 7-Tesla MRI in Patients With Type 2 Diabetes. Diabetes, 2014, 63, 3523-3529.	0.3	51
113	A comparison of MR based segmentation methods for measuring brain atrophy progression. NeuroImage, 2011, 54, 760-768.	2.1	50
114	Completeness of the circle of Willis and risk of ischemic stroke in patients without cerebrovascular disease. Neuroradiology, 2015, 57, 1247-1251.	1.1	49
115	Structural brain imaging in diabetes: A methodological perspective. European Journal of Pharmacology, 2008, 585, 208-218.	1.7	46
116	Hyperinsulinemia in rats causes impairment of spatial memory and learning with defects in hippocampal synaptic plasticity by involvement of postsynaptic mechanisms. Experimental Brain Research, 2013, 226, 45-51.	0.7	46
117	The Heart-Brain Connection: A Multidisciplinary Approach Targeting a Missing Link in the Pathophysiology of Vascular Cognitive Impairment. Journal of Alzheimer's Disease, 2014, 42, S443-S451.	1.2	45
118	The Missing Link in the Pathophysiology of Vascular Cognitive Impairment: Design of the Heart-Brain Study. Cerebrovascular Diseases Extra, 2018, 7, 140-152.	0.5	44
119	The Telephone Interview for Cognitive Status (Modified): Relation with a comprehensive neuropsychological assessment. Journal of Clinical and Experimental Neuropsychology, 2012, 34, 598-605.	0.8	43
120	Carotid stiffness is associated with impairment of cognitive performance in individuals with and without type 2 diabetes. The Maastricht Study. Atherosclerosis, 2016, 253, 186-193.	0.4	42
121	Cerebral amyloid burden is associated with white matter hyperintensity location in specific posterior white matter regions. Neurobiology of Aging, 2019, 84, 225-234.	1.5	42
122	Cross-cohort generalizability of deep and conventional machine learning for MRI-based diagnosis and prediction of Alzheimerâ€™s disease. NeuroImage: Clinical, 2021, 31, 102712.	1.4	42
123	Determinants of leptomeningeal collateral flow in stroke patients with a middle cerebral artery occlusion. Neuroradiology, 2016, 58, 969-977.	1.1	41
124	Visualization of cerebral microbleeds with dualâ€echo T2*â€weighted magnetic resonance imaging at 7.0 T. Journal of Magnetic Resonance Imaging, 2010, 32, 52-59.	1.9	40
125	Potentials of incretinâ€based therapies in dementia and stroke in type 2 diabetes mellitus. Journal of Diabetes Investigation, 2016, 7, 5-16.	1.1	40
126	Development of Vascular Risk Factors over 15ÂYears in Relation to Cognition: The <scp>H</scp>oorn Study. Journal of the American Geriatrics Society, 2012, 60, 1426-1433.	1.3	39

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127	White matter hyperintensity shape and location feature analysis on brain MRI; proof of principle study in patients with diabetes. Scientific Reports, 2018, 8, 1893.	1.6	39
128	Perivascular spaces on 7 Tesla brain MRI are related to markers of small vessel disease but not to age or cardiovascular risk factors. Journal of Cerebral Blood Flow and Metabolism, 2016, 36, 1708-1717.	2.4	38
129	Abnormalities of Cerebral Deep Medullary Veins on 7 Tesla MRI in Amnestic Mild Cognitive Impairment and Early Alzheimerâ€™s Disease: A Pilot Study. Journal of Alzheimer's Disease, 2017, 57, 705-710.	1.2	38
130	Performance of five automated white matter hyperintensity segmentation methods in a multicenter dataset. Scientific Reports, 2019, 9, 16742.	1.6	38
131	Cardiac and respiration-induced brain deformations in humans quantified with high-field MRI. NeuroImage, 2020, 210, 116581.	2.1	38
132	Reliability of Visual Assessment of Non-Contrast CT, CT Angiography Source Images and CT Perfusion in Patients with Suspected Ischemic Stroke. PLoS ONE, 2013, 8, e75615.	1.1	38
133	The effect of gamma-linolenic acidâ€“alpha-lipoic acid on functional deficits in the peripheral and central nervous system of streptozotocin-diabetic rats. Journal of the Neurological Sciences, 2001, 182, 99-106.	0.3	37
134	Hippocampal Disconnection in Early Alzheimer's Disease: A 7 Tesla MRI Study. Journal of Alzheimer's Disease, 2015, 45, 1247-1256.	1.2	37
135	Working memory binding and episodic memory formation in aging, mild cognitive impairment, and Alzheimerâ€™s dementia. Journal of Clinical and Experimental Neuropsychology, 2015, 37, 538-548.	0.8	37
136	Cognitive impairment in patients with cerebrovascular disease: A white paper from the links between stroke ESO Dementia Committee. European Stroke Journal, 2021, 6, 5-17.	2.7	37
137	Global brain atrophy but not hippocampal atrophy is related to type 2 diabetes. Journal of the Neurological Sciences, 2014, 344, 32-36.	0.3	36
138	Microbleeds on MRI are associated with microinfarcts on autopsy in cerebral amyloid angiopathy. Neurology, 2016, 87, 1488-1492.	1.5	35
139	Small vessel disease more than Alzheimer's disease determines diffusion MRI alterations in memory clinic patients. Alzheimer's and Dementia, 2020, 16, 1504-1514.	0.4	35
140	Nerve conduction velocity and evoked potential latencies in streptozotocin-diabetic rats: effects of treatment with an angiotensin converting enzyme inhibitor. Diabetes/Metabolism Research and Reviews, 2003, 19, 469-477.	1.7	34
141	The metabolic syndrome, atherosclerosis and cognitive functioning in a non-demented population: The Hoorn Study. Atherosclerosis, 2011, 219, 839-845.	0.4	34
142	Reduced vascular amyloid burden at microhemorrhage sites in cerebral amyloid angiopathy. Acta Neuropathologica, 2017, 133, 409-415.	3.9	34
143	Better and faster velocity pulsatility assessment in cerebral white matter perforating arteries with 7T quantitative flow MRI through improved slice profile, acquisition scheme, and postprocessing. Magnetic Resonance in Medicine, 2018, 79, 1473-1482.	1.9	34
144	Extent to Which Network Hubs Are Affected by Ischemic Stroke Predicts Cognitive Recovery. Stroke, 2019, 50, 2768-2774.	1.0	34

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145	Admission Hyperglycaemia and Cerebral Perfusion Deficits in Acute Ischaemic Stroke. Cerebrovascular Diseases, 2013, 35, 163-167.	0.8	32
146	Vascular brain lesions, brain atrophy, and cognitive decline. The Second Manifestations of ARTerial diseaseâ€"Magnetic Resonance (SMART-MR) study. Neurobiology of Aging, 2014, 35, 35-41.	1.5	32
147	Anatomy of phonemic and semantic fluency: A lesion and disconnectome study in 1231 stroke patients. Cortex, 2021, 143, 148-163.	1.1	32
148	Semi-Automated Detection of Cerebral Microbleeds on 3.0 T MR Images. PLoS ONE, 2013, 8, e66610.	1.1	32
149	Cerebral Cortical Microinfarcts at 7Tesla MRI in Patients with Early Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 39, 163-167.	1.2	31
150	Patterns of progressive atrophy vary with age in Alzheimer's disease patients. Neurobiology of Aging, 2018, 63, 22-32.	1.5	31
151	MR spectroscopy of cerebral white matter in type 2 diabetes; no association with clinical variables and cognitive performance. Neuroradiology, 2010, 52, 155-161.	1.1	30
152	The cumulative effect of small vessel disease lesions is reflected in structural brain networks of memory clinic patients. NeuroImage: Clinical, 2018, 19, 963-969.	1.4	30
153	Cortical microinfarcts in memory clinic patients are associated with reduced cerebral perfusion. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1869-1878.	2.4	30
154	Frequent Cognitive Impairment in Patients With Disorders Along the Heart-Brain Axis. Stroke, 2019, 50, 3369-3375.	1.0	29
155	Cortical cerebral microinfarcts predict cognitive decline in memory clinic patients. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 44-53.	2.4	29
156	Vascular Cognitive Impairment in a Memory Clinic Population: Rationale and Design of the â€œUtrecht-Amsterdam Clinical Features and Prognosis in Vascular Cognitive Impairmentâ€•(TRACE-VCI) Study. JMIR Research Protocols, 2017, 6, e60.	0.5	29
157	Quantification of deep medullary veins at 7 T brain MRI. European Radiology, 2016, 26, 3412-3418.	2.3	27
158	Chronic hyperglycemia is related to poor functional outcome after acute ischemic stroke. International Journal of Stroke, 2017, 12, 180-186.	2.9	27
159	Association of Cerebrospinal Fluid (CSF) Insulin with Cognitive Performance and CSF Biomarkers of Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2017, 61, 309-320.	1.2	27
160	Effects of nimodipine on sciatic nerve blood flow and vasa nervorum responsiveness in the diabetic rat. European Journal of Pharmacology, 1993, 250, 43-49.	1.7	26
161	Caffeine, Diabetes, Cognition, and Dementia. Journal of Alzheimer's Disease, 2010, 20, S143-S150.	1.2	26
162	The â€œTest Your Memoryâ€•test performs better than the MMSE in a population without known cognitive dysfunction. Journal of the Neurological Sciences, 2013, 328, 92-97.	0.3	26

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163	Cortical Microinfarcts on 7T MRI in Patients with Spontaneous Intracerebral Hemorrhage. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 1104-1106.	2.4	26
164	Microstructural White Matter Abnormalities and Cognitive Impairment After Aneurysmal Subarachnoid Hemorrhage. Stroke, 2018, 49, 2040-2045.	1.0	26
165	Rationale and design of the CAROLINAÂ® - cognition substudy: a randomised controlled trial on cognitive outcomes of linagliptin versus glimepiride in patients with type 2 diabetes mellitus. BMC Neurology, 2018, 18, 7.	0.8	26
166	The Meta VCI Map consortium for metaâ€analyses on strategic lesion locations for vascular cognitive impairment using lesionâ€symptom mapping: Design and multicenter pilot study. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 310-326.	1.2	26
167	Effects of the Ca2+ antagonist nimodipine on functional deficits in the peripheral and central nervous system of streptozotocin-diabetic rats. Brain Research, 2005, 1035, 86-93.	1.1	24
168	COGNITION IN OLDER PATIENTS WITH TYPE 1 DIABETES MELLITUS: A LONGITUDINAL STUDY. Journal of the American Geriatrics Society, 2011, 59, 563-565.	1.3	24
169	Clinical relevance of acute cerebral microinfarcts in vascular cognitive impairment. Neurology, 2019, 92, e1558-e1566.	1.5	24
170	Cerebral Microbleeds Are Not Associated with Long-Term Cognitive Outcome in Patients with Transient Ischemic Attack or Minor Stroke. Cerebrovascular Diseases, 2014, 37, 195-202.	0.8	23
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