Meike Vernooij

List of Publications by Year
in descending order

287	19,591	14653 66	14208 128
papers	citations	h-index	g-index

313	313	313	24206
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cerebral microbleeds: a guide to detection and interpretation. Lancet Neurology, The, 2009, 8, 165-174.	10.2	1,503
2	Incidental Findings on Brain MRI in the General Population. New England Journal of Medicine, 2007, 357, 1821-1828.	27.0	1,345
3	Prevalence and risk factors of cerebral microbleeds. Neurology, 2008, 70, 1208-1214.	1.1	713
4	Identification of common variants associated with human hippocampal and intracranial volumes. Nature Genetics, 2012, 44, 552-561.	21.4	594
5	Prevalence and Risk Factors of Cerebral Microbleeds. Stroke, 2010, 41, S103-6.	2.0	472
6	The Rotterdam Study: 2018 update on objectives, design and main results. European Journal of Epidemiology, 2017, 32, 807-850.	5.7	379
7	The Rotterdam Study: 2016 objectives and design update. European Journal of Epidemiology, 2015, 30, 661-708.	5.7	358
8	Cerebral Perfusion and the Risk of Dementia. Circulation, 2017, 136, 719-728.	1.6	335
9	Objectives, design and main findings until 2020 from the Rotterdam Study. European Journal of Epidemiology, 2020, 35, 483-517.	5.7	314
10	Multi-spectral brain tissue segmentation using automatically trained k-Nearest-Neighbor classification. NeuroImage, 2007, 37, 71-81.	4.2	309
11	White Matter Microstructural Integrity and Cognitive Function in a General Elderly Population. Archives of General Psychiatry, 2009, 66, 545.	12.3	286
12	Association of Cerebral Microbleeds With Cognitive Decline and Dementia. JAMA Neurology, 2016, 73, 934.	9.0	285
13	The Rotterdam Study: 2014 objectives and design update. European Journal of Epidemiology, 2013, 28, 889-926.	5.7	282
14	Kidney Function Is Related to Cerebral Small Vessel Disease. Stroke, 2008, 39, 55-61.	2.0	280
15	The Rotterdam Study: 2012 objectives and design update. European Journal of Epidemiology, 2011, 26, 657-686.	5.7	273
16	Fiber density asymmetry of the arcuate fasciculus in relation to functional hemispheric language lateralization in both right- and left-handed healthy subjects: A combined fMRI and DTI study. NeuroImage, 2007, 35, 1064-1076.	4.2	271
17	White matter lesion extension to automatic brain tissue segmentation on MRI. NeuroImage, 2009, 45, 1151-1161.	4.2	269
18	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	12.8	250

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19	Incidence of Cerebral Microbleeds in the General Population. Stroke, 2011, 42, 656-661.	2.0	227
20	8-week Mindfulness Based Stress Reduction induces brain changes similar to traditional long-term meditation practice â€“ A systematic review. Brain and Cognition, 2016, 108, 32-41.	1.8	215
21	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
22	Changes in Normal-Appearing White Matter Precede Development of White Matter Lesions. Stroke, 2013, 44, 1037-1042.	2.0	209
23	Cerebral Microbleeds: Imaging and Clinical Significance. Radiology, 2018, 287, 11-28.	7.3	208
24	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
25	Transfer Learning Improves Supervised Image Segmentation Across Imaging Protocols. IEEE Transactions on Medical Imaging, 2015, 34, 1018-1030.	8.9	191
26	The Rotterdam Scan Study: design update 2016 and main findings. European Journal of Epidemiology, 2015, 30, 1299-1315.	5.7	182
27	Cerebral Microbleeds Are Associated With an Increased Risk of Stroke. Circulation, 2015, 132, 509-516.	1.6	182
28	White matter atrophy and lesion formation explain the loss of structural integrity of white matter in aging. NeuroImage, 2008, 43, 470-477.	4.2	180
29	High Blood Pressure and Cerebral White Matter Lesion Progression in the General Population. Hypertension, 2013, 61, 1354-1359.	2.7	180
30	Tractâ€specific white matter degeneration in aging: The Rotterdam Study. Alzheimer's and Dementia, 2015, 11, 321-330.	0.8	179
31	Improving alignment in Tract-based spatial statistics: Evaluation and optimization of image registration. NeuroImage, 2013, 76, 400-411.	4.2	174
32	Brain tissue volumes in the general elderly population. Neurobiology of Aging, 2008, 29, 882-890.	3.1	171
33	Intracranial Carotid Artery Atherosclerosis and the Risk of Stroke in Whites. JAMA Neurology, 2014, 71, 405.	9.0	160
34	Intracranial Carotid Artery Atherosclerosis. Stroke, 2012, 43, 1878-1884.	2.0	151
35	Glioma imaging in Europe: A survey of 220 centres and recommendations for best clinical practice. European Radiology, 2018, 28, 3306-3317.	4.5	149
36	Gray Matter Age Prediction as a Biomarker for Risk of Dementia. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 21213-21218.	7.1	147

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37	Cerebral Microbleeds: Accelerated 3D T2*-weighted GRE MR Imaging versus Conventional 2D T2*-weighted GRE MR Imaging for Detection. Radiology, 2008, 248, 272-277.	7.3	132
38	Common variants at 12q15 and 12q24 are associated with infant head circumference. Nature Genetics, 2012, 44, 532-538.	21.4	130
39	Common variants at 6q22 and 17q21 are associated with intracranial volume. Nature Genetics, 2012, 44, 539-544.	21.4	126
40	Trajectories of imaging markers in brain aging: the Rotterdam Study. Neurobiology of Aging, 2018, 71, 32-40.	3.1	125
41	Outcome markers for clinical trials in cerebral amyloid angiopathy. Lancet Neurology, The, 2014, 13, 419-428.	10.2	124
42	Calcification in Major Vessel Beds Relates to Vascular Brain Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2331-2337.	2.4	123
43	Brain tissue volumes in relation to cognitive function and risk of dementia. Neurobiology of Aging, 2010, 31, 378-386.	3.1	122
44	Accuracy and reproducibility study of automatic MRI brain tissue segmentation methods. NeuroImage, 2010, 51, 1047-1056.	4.2	121
45	Cerebral small vessel disease and the risk of dementia: A systematic review and metaâ€analysis of populationâ€based evidence. Alzheimer's and Dementia, 2018, 14, 1482-1492.	0.8	118
46	Superficial siderosis in the general population. Neurology, 2009, 73, 202-205.	1.1	116
47	The Rotterdam Scan Study: design and update up to 2012. European Journal of Epidemiology, 2011, 26, 811-824.	5.7	115
48	Patterns of functional connectivity in an aging population: The Rotterdam Study. NeuroImage, 2019, 189, 432-444.	4.2	114
49	Prevalence, Clinical Management, and Natural Course of Incidental Findings on Brain MR Images: The Population-based Rotterdam Scan Study. Radiology, 2016, 281, 507-515.	7.3	110
50	Serum Lipid Levels and the Risk of Intracerebral Hemorrhage: The Rotterdam Study. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2982-2989.	2.4	107
51	Determinants of magnetic resonance imaging detected carotid plaque components: the Rotterdam Study. European Heart Journal, 2012, 33, 221-229.	2.2	107
52	Atherosclerotic Carotid Plaque Composition and Incident Stroke and Coronary Events. Journal of the American College of Cardiology, 2021, 77, 1426-1435.	2.8	103
53	Global and focal white matter integrity in breast cancer survivors 20 years after adjuvant chemotherapy. Human Brain Mapping, 2014, 35, 889-899.	3.6	98
54	Asymptomatic Cerebral Small Vessel Disease: Insights from Population-Based Studies. Journal of Stroke, 2019, 21, 121-138.	3.2	98

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55	Atherosclerotic calcification is related to a higher risk of dementia and cognitive decline. Alzheimer's and Dementia, 2015, 11, 639.	0.8	97
56	Altered tract-specific white matter microstructure is related to poorer cognitive performance: The Rotterdam Study. Neurobiology of Aging, 2016, 39, 108-117.	3.1	89
57	Blood Pressure Variability and Cerebral Small Vessel Disease. Stroke, 2020, 51, 82-89.	2.0	89
58	Cerebral small vessel disease genomics and its implications across the lifespan. Nature Communications, 2020, 11, 6285.	12.8	89
59	Enlarged perivascular spaces and cognition. Neurology, 2018, 91, e832-e842.	1.1	88
60	White Matter Degeneration with Aging: Longitudinal Diffusion MR Imaging Analysis. Radiology, 2016, 279, 532-541.	7.3	87
61	Thyroid function and the risk of dementia. Neurology, 2016, 87, 1688-1695.	1.1	86
62	Association of Alzheimer's disease GWAS loci with MRI markers of brain aging. Neurobiology of Aging, 2015, 36, 1765.e7-1765.e16.	3.1	82
63	Comparison of Atherosclerotic Calcification in Major Vessel Beds on the Risk of All-Cause and Cause-Specific Mortality. Circulation: Cardiovascular Imaging, 2015, 8, .	2.6	81
64	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.	4.3	80
65	High shear stress relates to intraplaque haemorrhage in asymptomatic carotid plaques. Atherosclerosis, 2016, 251, 348-354.	0.8	79
66	Heritability of the shape of subcortical brain structures in the general population. Nature Communications, 2016, 7, 13738.	12.8	78
67	Atherosclerotic Plaque in the Left Carotid Artery Is More Vulnerable Than in the Right. Stroke, 2014, 45, 3226-3230.	2.0	77
68	Genetic risk of neurodegenerative diseases is associated with mild cognitive impairment and conversion to dementia. Alzheimer's and Dementia, 2015, 11, 1277-1285.	0.8	76
69	Subregional volumes of the hippocampus in relation to cognitive function and risk of dementia. NeuroImage, 2018, 178, 129-135.	4.2	75
70	Retinal neurodegeneration and brain MRI markers: the Rotterdam Study. Neurobiology of Aging, 2017, 60, 183-191.	3.1	73
71	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. Stroke, 2020, 51, 2111-2121.	2.0	71
72	Brain cortical thickness in the general elderly population: The Rotterdam Scan Study. Neuroscience Letters, 2013, 550, 189-194.	2.1	70

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73	Lobar Distribution of Cerebral Microbleeds. Archives of Neurology, 2011, 68, 656-9.	4.5	67
74	Rating Method for Dilated Virchowâ€“Robin Spaces on Magnetic Resonance Imaging. Stroke, 2013, 44, 1732-1735.	2.0	67
75	Transfer Learning for Image Segmentation by Combining Image Weighting and Kernel Learning. IEEE Transactions on Medical Imaging, 2019, 38, 213-224.	8.9	66
76	Hemoglobin and anemia in relation to dementia risk and accompanying changes on brain MRI. Neurology, 2019, 93, e917-e926.	1.1	66
77	Brain tissue volumes and small vessel disease in relation to the risk of mortality. Neurobiology of Aging, 2009, 30, 450-456.	3.1	65
78	Harmonizing brain magnetic resonance imaging methods for vascular contributions to neurodegeneration. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 191-204.	2.4	65
79	Chronic Obstructive Pulmonary Disease and Cerebral Microbleeds. The Rotterdam Study. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 783-788.	5.6	63
80	Development and Validation of a Dementia Risk Prediction Model in the General Population: An Analysis of Three Longitudinal Studies. American Journal of Psychiatry, 2019, 176, 543-551.	7.2	61
81	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. Nature Communications, 2020, 11, 4796.	12.8	61
82	A spatio-temporal reference model of the aging brain. NeuroImage, 2018, 169, 11-22.	4.2	60
83	Determinants, MRI Correlates, and Prognosis of Mild Cognitive Impairment: The Rotterdam Study. Journal of Alzheimer's Disease, 2014, 42, S239-S249.	2.6	59
84	Kidney Function and Cerebral Small Vessel Disease in the General Population. International Journal of Stroke, 2015, 10, 603-608.	5.9	59
85	Arterial Stiffness Is Associated With Carotid Intraplaque Hemorrhage in the General Population. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 927-932.	2.4	57
86	Use of Coumarin Anticoagulants and Cerebral Microbleeds in the General Population. Stroke, 2014, 45, 3436-3439.	2.0	55
87	Better diet quality relates to larger brain tissue volumes. Neurology, 2018, 90, e2166-e2173.	1.1	55
88	Practical Small Vessel Disease Score Relates to Stroke, Dementia, and Death. Stroke, 2018, 49, 2857-2865.	2.0	51
89	Candidate CSPG4 mutations and induced pluripotent stem cell modeling implicate oligodendrocyte progenitor cell dysfunction in familial schizophrenia. Molecular Psychiatry, 2019, 24, 757-771.	7.9	51
90	Epicardial fat volume is related to atherosclerotic calcification in multiple vessel beds. European Heart Journal Cardiovascular Imaging, 2015, 16, 1264-1269.	1.2	50

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91	Carotid Atherosclerotic Plaque Characteristics on Magnetic Resonance Imaging Relate With History of Stroke and Coronary Heart Disease. Stroke, 2016, 47, 1542-1547.	2.0	50
92	Dementia imaging in clinical practice: a European-wide survey of 193 centres and conclusions by the ESNR working group. Neuroradiology, 2019, 61, 633-642.	2.2	50
93	The Bidirectional Association between Reduced Cerebral Blood Flow and Brain Atrophy in the General Population. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1882-1887.	4.3	49
94	Exome-sequencing in a large population-based study reveals a rare Asn396Ser variant in the LIPG gene associated with depressive symptoms. Molecular Psychiatry, 2017, 22, 537-543.	7.9	49
95	A priori collaboration in population imaging: The Uniform Neuroâ€Imaging of Virchowâ€Robin Spaces Enlargement consortium. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2015, 1, 513-520.	2.4	46
96	Left-Sided Strokes Are More Often Recognized Than Right-Sided Strokes. Stroke, 2015, 46, 252-254.	2.0	46
97	C-Reactive Protein, Plasma Amyloid-Î² Levels, and Their Interaction With Magnetic Resonance Imaging Markers. Stroke, 2018, 49, 2692-2698.	2.0	46
98	Parental family history of dementia in relation to subclinical brain disease and dementia risk. Neurology, 2017, 88, 1642-1649.	1.1	44
99	Evolution of DWI lesions in cerebral amyloid angiopathy. Neurology, 2017, 89, 2136-2142.	1.1	44
100	Plasma Amyloid-Î² Levels, Cerebral Small Vessel Disease, and Cognition: The Rotterdam Study. Journal of Alzheimer's Disease, 2017, 60, 977-987.	2.6	43
101	Cortical gyrification in relation to age and cognition in older adults. NeuroImage, 2020, 212, 116637.	4.2	43
102	Subclinical cardiac dysfunction increases the risk of stroke and dementia. Neurology, 2015, 84, 833-840.	1.1	42
103	Disconnection due to white matter hyperintensities is associated with lower cognitive scores. NeuroImage, 2018, 183, 745-756.	4.2	41
104	Association of common genetic variants with brain microbleeds. Neurology, 2020, 95, e3331-e3343.	1.1	40
105	Antithrombotic treatment is associated with intraplaque haemorrhage in the atherosclerotic carotid artery: a cross-sectional analysis of The Rotterdam Study. European Heart Journal, 2018, 39, 3369-3376.	2.2	39
106	Plasma amyloid-Î² levels, cerebral atrophy and risk of dementia: a population-based study. Alzheimer's Research and Therapy, 2018, 10, 63.	6.2	39
107	Air pollution exposure during pregnancy and childhood and brain morphology in preadolescents. Environmental Research, 2021, 198, 110446.	7.5	39
108	Prevalence of Cerebral Small-Vessel Disease in Long-Term Breast Cancer Survivors Exposed to Both Adjuvant Radiotherapy and Chemotherapy. Journal of Clinical Oncology, 2015, 33, 588-593.	1.6	38

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109	Cerebral small vessel disease is related to disturbed 24â€h activity rhythms: a populationâ€based study. European Journal of Neurology, 2015, 22, 1482-1487.	3.3	38
110	Blood Pressure Variation and Subclinical Brain Disease. Journal of the American College of Cardiology, 2020, 75, 2387-2399.	2.8	38
111	Disentangling the biological pathways involved in early features of Alzheimer's disease in the Rotterdam Study. , 2018, 14, 848-857.		36
112	Associations of Endogenous Estradiol and Testosterone Levels With Plaque Composition and Risk of Stroke in Subjects With Carotid Atherosclerosis. Circulation Research, 2018, 122, 97-105.	4.5	36
113	Blood Pressure Parameters and Carotid Intraplaque Hemorrhage as Measured by Magnetic Resonance Imaging. Hypertension, 2013, 61, 76-81.	2.7	35
114	Statin use is associated with carotid plaque composition: The Rotterdam Study. International Journal of Cardiology, 2018, 260, 213-218.	1.7	35
115	Kidney function and microstructural integrity of brain white matter. Neurology, 2015, 85, 154-161.	1.1	34
116	Tract-specific white matter microstructure and gait in humans. Neurobiology of Aging, 2016, 43, 164-173.	3.1	33
117	White matter lesions relate to tract-specific reductions in functional connectivity. Neurobiology of Aging, 2017, 51, 97-103.	3.1	33
118	Determinants of the Presence and Size of Intracranial Aneurysms in the General Population. Stroke, 2020, 51, 2103-2110.	2.0	33
119	Visit-to-Visit Blood Pressure Variability, Neuropathology, and Cognitive Decline. Neurology, 2021, 96, e2812-e2823.	1.1	33
120	Determinants of carotid atherosclerotic plaque burden in a stroke-free population. Atherosclerosis, 2016, 255, 186-192.	0.8	32
121	Exposure to Air Pollution during Pregnancy and Childhood, and White Matter Microstructure in Preadolescents. Environmental Health Perspectives, 2020, 128, 27005.	6.0	32
122	Clopidogrel Use Is Associated With an Increased Prevalence of Cerebral Microbleeds in a Strokeâ€Free Population: The Rotterdam Study. Journal of the American Heart Association, 2013, 2, e000359.	3.7	31
123	Fine-mapping the effects of Alzheimer's disease risk loci on brain morphology. Neurobiology of Aging, 2016, 48, 204-211.	3.1	31
124	Brain Volumes and Longitudinal Cognitive Change. Alzheimer Disease and Associated Disorders, 2018, 32, 43-49.	1.3	31
125	Change in Carotid Plaque Components. JACC: Cardiovascular Imaging, 2018, 11, 184-192.	5.3	30
126	Vertebrobasilar artery calcification: Prevalence and risk factors in the general population. Atherosclerosis, 2019, 286, 46-52.	0.8	30

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127	Silent cerebral infarcts in patients with sickle cell disease: a systematic review and meta-analysis. BMC Medicine, 2020, 18, 393.	5.5	30
128	The association between obesity, diet quality and hearing loss in older adults. Aging, 2019, 11, 48-62.	3.1	30
129	Structural Neuroimaging in Aging and Alzheimer's Disease. Neuroimaging Clinics of North America, 2012, 22, 33-55.	1.0	29
130	Retinal microvasculature and white matter microstructure. Neurology, 2016, 87, 1003-1010.	1.1	29
131	Antidepressant Use Is Associated With an Increased Risk of Developing Microbleeds. Stroke, 2016, 47, 251-254.	2.0	29
132	Lipoprotein(a) is robustly associated with aortic valve calcium. Heart, 2021, 107, 1422-1428.	2.9	29
133	Technical and clinical validation of commercial automated volumetric MRI tools for dementia diagnosisâ€"a systematic review. Neuroradiology, 2021, 63, 1773-1789.	2.2	29
134	Inhibition of Serotonin Reuptake by Antidepressants and Cerebral Microbleeds in the General Population. Stroke, 2014, 45, 1951-1957.	2.0	28
135	Associations of physical activity and screen time with white matter microstructure in children from the general population. NeuroImage, 2020, 205, 116258.	4.2	28
136	Meditation and yoga practice are associated with smaller right amygdala volume: the Rotterdam study. Brain Imaging and Behavior, 2018, 12, 1631-1639.	2.1	27
137	Modelling the cascade of biomarker changes in GRN-related frontotemporal dementia. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 494-501.	1.9	27
138	Ethical framework for the detection, management and communication of incidental findings in imaging studies, building on an interview study of researchersâ€™ practices and perspectives. BMC Medical Ethics, 2017, 18, 10.	2.4	26
139	Sleep complaints and cerebral white matter: A prospective bidirectional study. Journal of Psychiatric Research, 2019, 112, 77-82.	3.1	26
140	Neuro4Neuro: A neural network approach for neural tract segmentation using large-scale population-based diffusion imaging. NeuroImage, 2020, 218, 116993.	4.2	26
141	ACO2 homozygous missense mutation associated with complicated hereditary spastic paraplegia. Neurology: Genetics, 2018, 4, e223.	1.9	25
142	Thinner retinal layers are associated with changes in the visual pathway: A populationâ€based study. Human Brain Mapping, 2018, 39, 4290-4301.	3.6	25
143	Automatic normative quantification of brain tissue volume to support the diagnosis of dementia: A clinical evaluation of diagnostic accuracy. NeuroImage: Clinical, 2018, 20, 374-379.	2.7	25
144	Liver Fat and Cardiometabolic Risk Factors Among Schoolâ€Age Children. Hepatology, 2020, 72, 119-129.	7.3	25

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145	Markers of cerebral small vessel disease and severity of depression in the general population. Psychiatry Research - Neuroimaging, 2016, 253, 1-6.	1.8	24
146	Metabolic profiling of intra- and extracranial carotid artery atherosclerosis. Atherosclerosis, 2018, 272, 60-65.	0.8	24
147	Arterial calcification at multiple sites: sex-specific cardiovascular risk profiles and mortality riskâ€"the Rotterdam Study. BMC Medicine, 2020, 18, 263.	5.5	24
148	Weighting training images by maximizing distribution similarity for supervised segmentation across scanners. Medical Image Analysis, 2015, 24, 245-254.	11.6	23
149	White-matter microstructure and hearing acuity in older adults: a population-based cross-sectional DTI study. Neurobiology of Aging, 2018, 61, 124-131.	3.1	23
150	Loneliness, Not Social Support, Is Associated with Cognitive Decline and Dementia Across Two Longitudinal Population-Based Cohorts. Journal of Alzheimer's Disease, 2022, 85, 295-308.	2.6	23
151	Association of Coffee Consumption with MRI Markers and Cognitive Function: A Population-Based Study. Journal of Alzheimer's Disease, 2016, 53, 451-461.	2.6	22
152	HASE: Framework for efficient high-dimensional association analyses. Scientific Reports, 2016, 6, 36076.	3.3	22
153	Retinal Microvascular Calibers Are Associated With Enlarged Perivascular Spaces in the Brain. Stroke, 2016, 47, 1374-1376.	2.0	22
154	Sex-specific distributions and determinants of thoracic aortic diameters in the elderly. Heart, 2020, 106, 133-139.	2.9	22
155	TMEM106B Influences Volume of Left-Sided Temporal Lobe and Interhemispheric Structures in the General Population. Biological Psychiatry, 2014, 76, 503-508.	1.3	21
156	N-Terminal Proâ€"B-Type Natriuretic Peptide and Subclinical Brain Damage in the General Population. Radiology, 2017, 283, 205-214.	7.3	21
157	White Matter Microstructure Improves Stroke Risk Prediction in the General Population. Stroke, 2016, 47, 2756-2762.	2.0	20
158	Intracranial Carotid Artery Calcification Relates to Recanalization and Clinical Outcome After Mechanical Thrombectomy. Stroke, 2017, 48, 342-347.	2.0	20
159	Change in Carotid Intraplaque Hemorrhage in Community-dwelling Subjects: A Follow-up Study Using Serial MR Imaging. Radiology, 2017, 282, 526-533.	7.3	20
160	A Hybrid Deep Learning Framework for Integrated Segmentation and Registration: Evaluation on Longitudinal White Matter Tract Changes. Lecture Notes in Computer Science, 2019, , 645-653.	1.3	20
161	Carotid Plaque Morphology and Ischemic Vascular Brain Disease on MRI. American Journal of Neuroradiology, 2017, 38, 1776-1782.	2.4	19
162	Observed infant-parent attachment and brain morphology in middle childhoodâ€" A population-based study. Developmental Cognitive Neuroscience, 2019, 40, 100724.	4.0	19

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163	Automated quantitative MRI volumetry reports support diagnostic interpretation in dementia: a multi-rater, clinical accuracy study. European Radiology, 2021, 31, 5312-5323.	4.5	19
164	Lower microstructural integrity of brain white matter is related to higher mortality. Neurology, 2016, 87, 927-934.	1.1	18
165	The prospective association of objectively measured sleep and cerebral white matter microstructure in middle-aged and older persons. Sleep, 2019, 42, .	1.1	18
166	Hearing loss and cognitive decline in the general population: a prospective cohort study. Journal of Neurology, 2021, 268, 860-871.	3.6	18
167	Structural Brain Alterations in Community Dwelling Individuals with Chronic Joint Pain. American Journal of Neuroradiology, 2016, 37, 430-438.	2.4	17
168	Incidental findings in population imaging revisited. European Journal of Epidemiology, 2016, 31, 1-4.	5.7	17
169	Intracranial Carotid Artery Calcification From Infancy to Old Age. Journal of the American College of Cardiology, 2018, 72, 582-584.	2.8	17
170	Associations of vitamin D deficiency with MRI markers of brain health in a community sample. Clinical Nutrition, 2021, 40, 72-78.	5.0	17
171	Circulating metabolites are associated with brain atrophy and white matter hyperintensities. Alzheimer's and Dementia, 2021, 17, 205-214.	0.8	17
172	Circulating Metabolome and White Matter Hyperintensities in Women and Men. Circulation, 2022, 145, 1040-1052.	1.6	17
173	Heritability and Genome-Wide Association Analyses of Human Gait Suggest Contribution of Common Variants. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2016, 71, 740-746.	3.6	15
174	Heritability and Genome-Wide Association Analyses of Intracranial Carotid Artery Calcification. Stroke, 2016, 47, 912-917.	2.0	15
175	Brain <scp>MRI</scp>â€markers Associate Differentially with Cognitive Versus Functional Decline Leading to Dementia. Journal of the American Geriatrics Society, 2017, 65, 1258-1266.	2.6	15
176	Age-dependent association of thyroid function with brain morphology and microstructural organization: evidence from brain imaging. Neurobiology of Aging, 2018, 61, 44-51.	3.1	15
177	Prevalence and clinical relevance of diffusion-weighted imaging lesions. Neurology, 2019, 93, e1058-e1067.	1.1	15
178	Heritability and genome-wide associations studies of cerebral blood flow in the general population. Journal of Cerebral Blood Flow and Metabolism, 2018, 38, 1598-1608.	4.3	14
179	Cavum Septum Pellucidum in the General Pediatric Population and Its Relation to Surrounding Brain Structure Volumes, Cognitive Function, and Emotional or Behavioral Problems. American Journal of Neuroradiology, 2019, 40, 340-346.	2.4	14
180	The association between body mass index and brain morphology in children: a population-based study. Brain Structure and Function, 2021, 226, 787-800.	2.3	14

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181	Genetic Determinants of Unruptured Intracranial Aneurysms in the General Population. Stroke, 2015, 46, 2961-2964.	2.0	13
182	Hearing loss and microstructural integrity of the brain in a dementiaâ€free older population. Alzheimer's and Dementia, 2020, 16, 1515-1523.	0.8	13
183	Morphological Subtypes of Intracranial Internal Carotid Artery Arteriosclerosis and the Risk of Stroke. Stroke, 2022, 53, 1339-1347.	2.0	13
184	Thoracic Aortic Diameter and Cardiovascular Events and Mortality among Women and Men. Radiology, 2022, 304, 208-215.	7.3	13
185	Hot Topics in Research: Preventive Neuroradiology in Brain Aging and Cognitive Decline. American Journal of Neuroradiology, 2015, 36, 1803-1809.	2.4	12
186	Aortic Valve Calcification and Risk of Stroke. Stroke, 2016, 47, 2859-2861.	2.0	12
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