

Meike Vernooij

List of Publications by Year in descending order

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Version: 2024-02-01

287
papers

19,591
citations

14655

66
h-index

14208

128
g-index

313
all docs

313
docs citations

313
times ranked

24206
citing authors

#	ARTICLE	IF	CITATIONS
1	Associations of neuroimaging markers with depressive symptoms over time in middle-aged and elderly persons. <i>Psychological Medicine</i> , 2023, 53, 4355-4363.	4.5	6
2	Subcortical brain structures and the risk of dementia in the Rotterdam Study. <i>Alzheimer's and Dementia</i> , 2023, 19, 646-657.	0.8	5
3	Social Health Is Associated With Structural Brain Changes in Older Adults: The Rotterdam Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 659-668.	1.5	9
4	The impact of the Covid-19 pandemic on adult diagnostic neuroradiology in Europe. <i>Neuroradiology</i> , 2022, 64, 31-42.	2.2	2
5	Sleep and perivascular spaces in the middle-aged and elderly population. <i>Journal of Sleep Research</i> , 2022, 31, e13485.	3.2	9
6	Loneliness, Not Social Support, Is Associated with Cognitive Decline and Dementia Across Two Longitudinal Population-Based Cohorts. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 295-308.	2.6	23
7	Morphological Subtypes of Intracranial Internal Carotid Artery Arteriosclerosis and the Risk of Stroke. <i>Stroke</i> , 2022, 53, 1339-1347.	2.0	13
8	Gene-mapping study of extremes of cerebral small vessel disease reveals TRIM47 as a strong candidate. <i>Brain</i> , 2022, 145, 1992-2007.	7.6	6
9	Long-term association of pregnancy and maternal brain structure: the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2022, 37, 271-281.	5.7	4
10	Comparing two artificial intelligence software packages for normative brain volumetry in memory clinic imaging. <i>Neuroradiology</i> , 2022, 64, 1359-1366.	2.2	7
11	Circulating Metabolome and White Matter Hyperintensities in Women and Men. <i>Circulation</i> , 2022, 145, 1040-1052.	1.6	17
12	Risk factors, neuroimaging correlates and prognosis of the motoric cognitive risk syndrome: A population-based comparison with mild cognitive impairment. <i>European Journal of Neurology</i> , 2022, 29, 1587-1599.	3.3	11
13	Carotid Plaque Composition and Prediction of Incident Atherosclerotic Cardiovascular Disease. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, CIRCIMAGING121013602.	2.6	9
14	Plasma amyloid- β 40 in relation to subclinical atherosclerosis and cardiovascular disease: A population-based study. <i>Atherosclerosis</i> , 2022, 348, 44-50.	0.8	2
15	Lung function impairment in relation to cognition and vascular brain lesions: the Rotterdam Study. <i>Journal of Neurology</i> , 2022, 269, 4141-4153.	3.6	4
16	Response to the "Letter to the editor" 10.1007/s00234-022-02906-z. <i>Neuroradiology</i> , 2022, 64, 849.	2.2	0
17	Mechanisms linking physical activity with psychiatric symptoms across the lifespan: a protocol for a systematic review. <i>BMJ Open</i> , 2022, 12, e058737.	1.9	2
18	Thoracic Aortic Diameter and Cardiovascular Events and Mortality among Women and Men. <i>Radiology</i> , 2022, 304, 208-215.	7.3	13

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19	Longitudinal changes of thoracic aortic diameters in the general population aged 55 years or older. <i>Heart</i> , 2022, 108, 1767-1776.	2.9	4
20	Associations of vitamin D deficiency with MRI markers of brain health in a community sample. <i>Clinical Nutrition</i> , 2021, 40, 72-78.	5.0	17
21	Pericardial adipose tissue, cardiac structures, and cardiovascular risk factors in school-age children. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 307-313.	1.2	7
22	Ethnic differences in childhood right and left cardiac structure and function assessed by cardiac magnetic resonance imaging. <i>European Journal of Pediatrics</i> , 2021, 180, 1257-1266.	2.7	0
23	Long-term effects of adjuvant treatment for breast cancer on carotid plaques and brain perfusion. <i>Breast Cancer Research and Treatment</i> , 2021, 186, 167-176.	2.5	7
24	Air pollution exposure during pregnancy and childhood and brain morphology in preadolescents. <i>Environmental Research</i> , 2021, 198, 110446.	7.5	39
25	Circulating metabolites are associated with brain atrophy and white matter hyperintensities. <i>Alzheimer's and Dementia</i> , 2021, 17, 205-214.	0.8	17
26	Hearing loss and cognitive decline in the general population: a prospective cohort study. <i>Journal of Neurology</i> , 2021, 268, 860-871.	3.6	18
27	Cortical superficial siderosis in the general population: The Framingham Heart and Rotterdam studies. <i>International Journal of Stroke</i> , 2021, 16, 798-808.	5.9	9
28	Automated quantitative MRI volumetry reports support diagnostic interpretation in dementia: a multi-rater, clinical accuracy study. <i>European Radiology</i> , 2021, 31, 5312-5323.	4.5	19
29	Modelling the cascade of biomarker changes in <i>GRN</i> -related frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 494-501.	1.9	27
30	Distinctive pattern of temporal atrophy in patients with frontotemporal dementia and the I383V variant in <i>TARDBP</i> . <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 787-789.	1.9	5
31	Tinnitus and Its Central Correlates: A Neuroimaging Study in a Large Aging Population. <i>Ear and Hearing</i> , 2021, 42, 1428-1435.	2.1	3
32	Clinical Relevance of Cortical Cerebral Microinfarcts on 1.5T Magnetic Resonance Imaging in the Late-Adult Population. <i>Stroke</i> , 2021, 52, 922-930.	2.0	6
33	Atherosclerotic Carotid Plaque Composition and Incident Stroke and Coronary Events. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1426-1435.	2.8	103
34	Visit-to-Visit Blood Pressure Variability, Neuropathology, and Cognitive Decline. <i>Neurology</i> , 2021, 96, e2812-e2823.	1.1	33
35	Circulatory markers of immunity and carotid atherosclerotic plaque. <i>Atherosclerosis</i> , 2021, 325, 69-74.	0.8	12
36	Lipoprotein(a) is robustly associated with aortic valve calcium. <i>Heart</i> , 2021, 107, 1422-1428.	2.9	29

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37	Season of birth and the risk of dementia in the population-based Rotterdam Study. <i>European Journal of Epidemiology</i> , 2021, 36, 497-506.	5.7	2
38	Clinical characteristics of subsequent histologically confirmed meningiomas in long-term childhood cancer survivors: A Dutch LATER study. <i>European Journal of Cancer</i> , 2021, 150, 240-249.	2.8	6
39	C-factor: a summary measure for systemic arterial calcifications. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 317.	1.7	2
40	Longitudinal diffusion MRI analysis using Segis-Net: A single-step deep-learning framework for simultaneous segmentation and registration. <i>NeuroImage</i> , 2021, 235, 118004.	4.2	12
41	Automated Segmentation and Volume Measurement of Intracranial Internal Carotid Artery Calcification at Noncontrast CT. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200226.	5.8	9
42	Progression along data-driven disease timelines is predictive of Alzheimer's disease in a population-based cohort. <i>NeuroImage</i> , 2021, 238, 118233.	4.2	5
43	Technical and clinical validation of commercial automated volumetric MRI tools for dementia diagnosis—a systematic review. <i>Neuroradiology</i> , 2021, 63, 1773-1789.	2.2	29
44	Resistance to developing brain pathology due to vascular risk factors: the role of educational attainment. <i>Neurobiology of Aging</i> , 2021, 106, 197-206.	3.1	1
45	The association between body mass index and brain morphology in children: a population-based study. <i>Brain Structure and Function</i> , 2021, 226, 787-800.	2.3	14
46	Differences Between MR Brain Region Segmentation Methods: Impact on Single-Subject Analysis. <i>Frontiers in Big Data</i> , 2021, 4, 577164.	2.9	2
47	Arterial calcification at different sites and prediction of atherosclerotic cardiovascular disease among women and men. <i>Atherosclerosis</i> , 2021, 337, 27-34.	0.8	3
48	Neural correlates of orbital telorism. <i>Cortex</i> , 2021, 145, 315-326.	2.4	0
49	The Effect of Hearing Aid Use on the Association Between Hearing Loss and Brain Structure in Older Adults. <i>Ear and Hearing</i> , 2021, Publish Ahead of Print, .	2.1	2
50	Patterns of Fetal and Infant Growth and Brain Morphology at Age 10 Years. <i>JAMA Network Open</i> , 2021, 4, e2138214.	5.9	9
51	Serum immunoglobulins and biomarkers of dementia: A population-based study. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
52	Comparison of cerebral blood flow in subjects with and without chronic obstructive pulmonary disease from the population-based Rotterdam Study. <i>BMJ Open</i> , 2021, 11, e053671.	1.9	2
53	Klotho gene polymorphism, brain structure and cognition in early-life development. <i>Brain Imaging and Behavior</i> , 2020, 14, 213-225.	2.1	5
54	Associations of physical activity and screen time with white matter microstructure in children from the general population. <i>NeuroImage</i> , 2020, 205, 116258.	4.2	28

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55	Orientation Prior and Consistent Model Selection Increase Sensitivity of Tract-Based Spatial Statistics in Crossing-Fiber Regions. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 308-319.	8.9	1
56	Spatially Regularized Shape Analysis of the Hippocampus Using \mathbb{P} -Spline Based Shape Regression. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 825-834.	6.3	0
57	Liver Fat and Cardiometabolic Risk Factors Among School-Age Children. <i>Hepatology</i> , 2020, 72, 119-129.	7.3	25
58	Blood Pressure Variability and Cerebral Small Vessel Disease. <i>Stroke</i> , 2020, 51, 82-89.	2.0	89
59	Sex-specific distributions and determinants of thoracic aortic diameters in the elderly. <i>Heart</i> , 2020, 106, 133-139.	2.9	22
60	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	12.8	61
61	Structural disconnectivity and the risk of dementia in the general population. <i>Neurology</i> , 2020, 95, e1528-e1537.	1.1	10
62	Ageing-Dependent Genetic Effects Associated to ADHD Predict Longitudinal Changes of Ventricular Volumes in Adulthood. <i>Frontiers in Psychiatry</i> , 2020, 11, 574.	2.6	3
63	Hearing loss and microstructural integrity of the brain in a dementia-free older population. <i>Alzheimer's and Dementia</i> , 2020, 16, 1515-1523.	0.8	13
64	Arterial calcification at multiple sites: sex-specific cardiovascular risk profiles and mortality risk—the Rotterdam Study. <i>BMC Medicine</i> , 2020, 18, 263.	5.5	24
65	Association of common genetic variants with brain microbleeds. <i>Neurology</i> , 2020, 95, e3331-e3343.	1.1	40
66	Silent cerebral infarcts in patients with sickle cell disease: a systematic review and meta-analysis. <i>BMC Medicine</i> , 2020, 18, 393.	5.5	30
67	Brain structure prior to non-central nervous system cancer diagnosis: A population-based cohort study. <i>NeuroImage: Clinical</i> , 2020, 28, 102466.	2.7	3
68	Cerebral small vessel disease genomics and its implications across the lifespan. <i>Nature Communications</i> , 2020, 11, 6285.	12.8	89
69	Objectives, design and main findings until 2020 from the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2020, 35, 483-517.	5.7	314
70	Neuro4Neuro: A neural network approach for neural tract segmentation using large-scale population-based diffusion imaging. <i>NeuroImage</i> , 2020, 218, 116993.	4.2	26
71	Blood Pressure Variation and Subclinical Brain Disease. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2387-2399.	2.8	38
72	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. <i>Stroke</i> , 2020, 51, 2111-2121.	2.0	71

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73	Determinants of the Presence and Size of Intracranial Aneurysms in the General Population. <i>Stroke</i> , 2020, 51, 2103-2110.	2.0	33
74	Prion protein codon 129 polymorphism in mild cognitive impairment and dementia: the Rotterdam Study. <i>Brain Communications</i> , 2020, 2, fcaa030.	3.3	3
75	Implementation and validation of ASL perfusion measurements for population imaging. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2048-2054.	3.0	7
76	Polygenic Multiple Sclerosis Risk and Population-Based Childhood Brain Imaging. <i>Annals of Neurology</i> , 2020, 87, 774-787.	5.3	12
77	Sleep and resting-state functional magnetic resonance imaging connectivity in middle-aged adults and the elderly: A population-based study. <i>Journal of Sleep Research</i> , 2020, 29, e12999.	3.2	8
78	Cortical gyrification in relation to age and cognition in older adults. <i>NeuroImage</i> , 2020, 212, 116637.	4.2	43
79	Exposure to Air Pollution during Pregnancy and Childhood, and White Matter Microstructure in Preadolescents. <i>Environmental Health Perspectives</i> , 2020, 128, 27005.	6.0	32
80	Neuroimaging in Dementia. <i>IDKD Springer Series</i> , 2020, , 131-142.	0.8	6
81	Serum insulin levels are associated with vulnerable plaque components in the carotid artery: the Rotterdam Study. <i>European Journal of Endocrinology</i> , 2020, 182, 343-350.	3.7	8
82	The role of education in resistance against development of vascular brain pathology. <i>Alzheimer's and Dementia</i> , 2020, 16, e043138.	0.8	0
83	Transfer Learning for Image Segmentation by Combining Image Weighting and Kernel Learning. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 213-224.	8.9	66
84	Body Composition Is Not Related to Structural or Vascular Brain Changes. <i>Frontiers in Neurology</i> , 2019, 10, 559.	2.4	6
85	Hemoglobin and anemia in relation to dementia risk and accompanying changes on brain MRI. <i>Neurology</i> , 2019, 93, e917-e926.	1.1	66
86	Normative brain volumetry derived from different reference populations: impact on single-subject diagnostic assessment in dementia. <i>Neurobiology of Aging</i> , 2019, 84, 9-16.	3.1	12
87	The prospective association of objectively measured sleep and cerebral white matter microstructure in middle-aged and older persons. <i>Sleep</i> , 2019, 42, .	1.1	18
88	Carotid Atherosclerosis Is Associated With Poorer Hearing in Older Adults. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 1617-1622.e1.	2.5	8
89	Gray Matter Age Prediction as a Biomarker for Risk of Dementia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21213-21218.	7.1	147
90	Atherosclerotic calcification in major vessel beds in chronic obstructive pulmonary disease: The Rotterdam Study. <i>Atherosclerosis</i> , 2019, 291, 107-113.	0.8	9

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91	Observed infant-parent attachment and brain morphology in middle childhoodâ€“ A population-based study. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100724.	4.0	19
92	A data-driven update of arterial perfusion territories. <i>Nature Reviews Neurology</i> , 2019, 15, 624-625.	10.1	0
93	Cavum Septum Pellucidum in the General Pediatric Population and Its Relation to Surrounding Brain Structure Volumes, Cognitive Function, and Emotional or Behavioral Problems. <i>American Journal of Neuroradiology</i> , 2019, 40, 340-346.	2.4	14
94	Patterns of functional connectivity in an aging population: The Rotterdam Study. <i>NeuroImage</i> , 2019, 189, 432-444.	4.2	114
95	Multi-Site Meta-Analysis of Morphometry. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2019, 16, 1508-1514.	3.0	7
96	The value of hippocampal volume, shape, and texture for 11-year prediction of dementia: a population-based study. <i>Neurobiology of Aging</i> , 2019, 81, 58-66.	3.1	8
97	Stuttering and gray matter morphometry: A population-based neuroimaging study in young children. <i>Brain and Language</i> , 2019, 194, 121-131.	1.6	9
98	Vertebrobasilar artery calcification: Prevalence and risk factors in the general population. <i>Atherosclerosis</i> , 2019, 286, 46-52.	0.8	30
99	Kidney Function and Arterial Calcification in Major Vascular Beds. <i>Journal of the American Heart Association</i> , 2019, 8, e010930.	3.7	12
100	Independent Multiple Factor Association Analysis for Multiblock Data in Imaging Genetics. <i>Neuroinformatics</i> , 2019, 17, 583-592.	2.8	2
101	Dementia imaging in clinical practice: a European-wide survey of 193 centres and conclusions by the ESNR working group. <i>Neuroradiology</i> , 2019, 61, 633-642.	2.2	50
102	Harmonizing brain magnetic resonance imaging methods for vascular contributions to neurodegeneration. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 191-204.	2.4	65
103	Remote Brain Iron Accumulation: A Useful Biomarker for Stroke Recovery?. <i>Radiology</i> , 2019, 291, 449-450.	7.3	2
104	Association of migraine with calcification in major vessel beds: The Rotterdam Study. <i>Cephalalgia</i> , 2019, 39, 1041-1048.	3.9	4
105	Sleep complaints and cerebral white matter: A prospective bidirectional study. <i>Journal of Psychiatric Research</i> , 2019, 112, 77-82.	3.1	26
106	Prevalence and clinical relevance of diffusion-weighted imaging lesions. <i>Neurology</i> , 2019, 93, e1058-e1067.	1.1	15
107	P1818 Descending aortic thoracic diameter: a risk marker for major adverse cardiovascular outcomes in women. <i>European Heart Journal</i> , 2019, 40, .	2.2	0
108	Application of an Imaging-Based Sum Score for Cerebral Amyloid Angiopathy to the General Population: Risk of Major Neurological Diseases and Mortality. <i>Frontiers in Neurology</i> , 2019, 10, 1276.	2.4	10

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109	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192
110	Development and Validation of a Dementia Risk Prediction Model in the General Population: An Analysis of Three Longitudinal Studies. <i>American Journal of Psychiatry</i> , 2019, 176, 543-551.	7.2	61
111	Candidate CSFG4 mutations and induced pluripotent stem cell modeling implicate oligodendrocyte progenitor cell dysfunction in familial schizophrenia. <i>Molecular Psychiatry</i> , 2019, 24, 757-771.	7.9	51
112	Predicting Global Cognitive Decline in the General Population Using the Disease State Index. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 379.	3.4	8
113	A Hybrid Deep Learning Framework for Integrated Segmentation and Registration: Evaluation on Longitudinal White Matter Tract Changes. <i>Lecture Notes in Computer Science</i> , 2019, , 645-653.	1.3	20
114	The association between obesity, diet quality and hearing loss in older adults. <i>Aging</i> , 2019, 11, 48-62.	3.1	30
115	Genetic variation underlying cognition and its relation with neurological outcomes and brain imaging. <i>Aging</i> , 2019, 11, 1440-1456.	3.1	3
116	Asymptomatic Cerebral Small Vessel Disease: Insights from Population-Based Studies. <i>Journal of Stroke</i> , 2019, 21, 121-138.	3.2	98
117	Differences in topological progression profile among neurodegenerative diseases from imaging data. <i>ELife</i> , 2019, 8, .	6.0	11
118	Brain aging: more of the same!?. <i>Aging</i> , 2019, 11, 849-850.	3.1	2
119	Statin use is associated with carotid plaque composition: The Rotterdam Study. <i>International Journal of Cardiology</i> , 2018, 260, 213-218.	1.7	35
120	Disentangling the biological pathways involved in early features of Alzheimer's disease in the Rotterdam Study. , 2018, 14, 848-857.		36
121	Meditation and yoga practice are associated with smaller right amygdala volume: the Rotterdam study. <i>Brain Imaging and Behavior</i> , 2018, 12, 1631-1639.	2.1	27
122	Brain Volumes and Longitudinal Cognitive Change. <i>Alzheimer Disease and Associated Disorders</i> , 2018, 32, 43-49.	1.3	31
123	Glioma imaging in Europe: A survey of 220 centres and recommendations for best clinical practice. <i>European Radiology</i> , 2018, 28, 3306-3317.	4.5	149
124	<i>ACO2</i> homozygous missense mutation associated with complicated hereditary spastic paraplegia. <i>Neurology: Genetics</i> , 2018, 4, e223.	1.9	25
125	Cerebral Microbleeds: Imaging and Clinical Significance. <i>Radiology</i> , 2018, 287, 11-28.	7.3	208
126	Metabolic profiling of intra- and extracranial carotid artery atherosclerosis. <i>Atherosclerosis</i> , 2018, 272, 60-65.	0.8	24

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127	Change in Carotid Plaque Components. JACC: Cardiovascular Imaging, 2018, 11, 184-192.	5.3	30
128	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
129	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
130	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
131	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
132	P3â€246: Câ€REACTIVE PROTEIN, PLASMA AMYLOID BETA LEVELS AND MRI MARKERS: THE ROTTERDAM STUDY. Alzheimer's and Dementia, 2018, 14, P1166.	0.8	1
133	O3â€09â€04: PLASMA AMYLOID Î² LEVELS, CEREBRAL ATROPHY AND DEMENTIA RISK: THE ROTTERDAM STUDY. Alzheimer's and Dementia, 2018, 14, P1037.	0.8	0
134	O5â€04â€05: GENETIC VARIATION UNDERLYING COGNITION AND ITS RELATION WITH NEUROLOGICAL OUTCOMES. Alzheimer's and Dementia, 2018, 14, P1652.	0.8	0
135	P3â€134: CIRCLATING METABOLITES ARE ASSOCIATED WITH WHITE MATTER HYPERINTENSITIES. Alzheimer's and Dementia, 2018, 14, P1119.	0.8	0
136	P3â€436: MECHANISTIC PROFILES OF NEURODEGENERATION: A STUDY IN ALZHEIMER'S DISEASE, HEALTHY AGEING AND PRIMARY PROGRESSIVE MULTIPLE SCLEROSIS. Alzheimer's and Dementia, 2018, 14, P1280.	0.8	0
137	P6039Diameters of the thoracic aorta and their association with mortality in the general population. European Heart Journal, 2018, 39, .	2.2	0
138	Spatial correlations between MRI-derived wall shear stress and vessel wall thickness in the carotid bifurcation. European Radiology Experimental, 2018, 2, 27.	3.4	11
139	P4â€042: HIGHâ€DIMENSIONAL ANALYSIS OF RNA EXPRESSION WITH CORTICAL THICKNESS. Alzheimer's and Dementia, 2018, 14, P1449.	0.8	0
140	P4548Diameters of the thoracic aorta: Gender-specific references ranges and association with body size and atherosclerotic factors. European Heart Journal, 2018, 39, .	2.2	0
141	C-Reactive Protein, Plasma Amyloid-Î² Levels, and Their Interaction With Magnetic Resonance Imaging Markers. Stroke, 2018, 49, 2692-2698.	2.0	46
142	Practical Small Vessel Disease Score Relates to Stroke, Dementia, and Death. Stroke, 2018, 49, 2857-2865.	2.0	51
143	Reproducible White Matter Tract Segmentation Using 3D U-Net on a Large-scale DTI Dataset. Lecture Notes in Computer Science, 2018, , 205-213.	1.3	7
144	4983Serum insulin levels are associated with plaque composition in the carotid artery: the Rotterdam study. European Heart Journal, 2018, 39, .	2.2	0

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145	Better diet quality relates to larger brain tissue volumes. <i>Neurology</i> , 2018, 90, e2166-e2173.	1.1	55
146	Cerebral small vessel disease and the risk of dementia: A systematic review and meta-analysis of population-based evidence. <i>Alzheimer's and Dementia</i> , 2018, 14, 1482-1492.	0.8	118
147	Subregional volumes of the hippocampus in relation to cognitive function and risk of dementia. <i>NeuroImage</i> , 2018, 178, 129-135.	4.2	75
148	Thinner retinal layers are associated with changes in the visual pathway: A population-based study. <i>Human Brain Mapping</i> , 2018, 39, 4290-4301.	3.6	25
149	Antithrombotic treatment is associated with intraplaque haemorrhage in the atherosclerotic carotid artery: a cross-sectional analysis of The Rotterdam Study. <i>European Heart Journal</i> , 2018, 39, 3369-3376.	2.2	39
150	Enlarged perivascular spaces and cognition. <i>Neurology</i> , 2018, 91, e832-e842.	1.1	88
151	Trajectories of imaging markers in brain aging: the Rotterdam Study. <i>Neurobiology of Aging</i> , 2018, 71, 32-40.	3.1	125
152	Plasma amyloid- β levels, cerebral atrophy and risk of dementia: a population-based study. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 63.	6.2	39
153	Intracranial Carotid Artery Calcification From Infancy to Old Age. <i>Journal of the American College of Cardiology</i> , 2018, 72, 582-584.	2.8	17
154	Automatic normative quantification of brain tissue volume to support the diagnosis of dementia: A clinical evaluation of diagnostic accuracy. <i>NeuroImage: Clinical</i> , 2018, 20, 374-379.	2.7	25
155	Disconnection due to white matter hyperintensities is associated with lower cognitive scores. <i>NeuroImage</i> , 2018, 183, 745-756.	4.2	41
156	Thyroid function and atrial fibrillation: Is there a mediating role for epicardial adipose tissue?. <i>Clinical Epidemiology</i> , 2018, Volume 10, 225-234.	3.0	4
157	A spatio-temporal reference model of the aging brain. <i>NeuroImage</i> , 2018, 169, 11-22.	4.2	60
158	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
159	Gray matter heritability in family-based and population-based studies using voxel-based morphometry. <i>Human Brain Mapping</i> , 2017, 38, 2408-2423.	3.6	9
160	Genetic susceptibility to multiple sclerosis: Brain structure and cognitive function in the general population. <i>Multiple Sclerosis Journal</i> , 2017, 23, 1697-1706.	3.0	7
161	Brain MRI markers Associate Differentially with Cognitive Versus Functional Decline Leading to Dementia. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 1258-1266.	2.6	15
162	Cerebral Perfusion and the Risk of Dementia. <i>Circulation</i> , 2017, 136, 719-728.	1.6	335

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