

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

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

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Cerebral Microbleeds: Accelerated 3D T2*-weighted GRE MR Imaging versus Conventional 2D T2*-weighted GRE MR Imaging for Detection. <i>Radiology</i> , 2008, 248, 272-277. | 7.3 | 132 |
| 38 | Common variants at 12q15 and 12q24 are associated with infant head circumference. <i>Nature Genetics</i> , 2012, 44, 532-538. | 21.4 | 130 |
| 39 | Common variants at 6q22 and 17q21 are associated with intracranial volume. <i>Nature Genetics</i> , 2012, 44, 539-544. | 21.4 | 126 |
| 40 | Trajectories of imaging markers in brain aging: the Rotterdam Study. <i>Neurobiology of Aging</i> , 2018, 71, 32-40. | 3.1 | 125 |
| 41 | Outcome markers for clinical trials in cerebral amyloid angiopathy. <i>Lancet Neurology</i> , The, 2014, 13, 419-428. | 10.2 | 124 |
| 42 | Calcification in Major Vessel Beds Relates to Vascular Brain Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2331-2337. | 2.4 | 123 |
| 43 | Brain tissue volumes in relation to cognitive function and risk of dementia. <i>Neurobiology of Aging</i> , 2010, 31, 378-386. | 3.1 | 122 |
| 44 | Accuracy and reproducibility study of automatic MRI brain tissue segmentation methods. <i>NeuroImage</i> , 2010, 51, 1047-1056. | 4.2 | 121 |
| 45 | 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 |
| 46 | Superficial siderosis in the general population. <i>Neurology</i> , 2009, 73, 202-205. | 1.1 | 116 |
| 47 | The Rotterdam Scan Study: design and update up to 2012. <i>European Journal of Epidemiology</i> , 2011, 26, 811-824. | 5.7 | 115 |
| 48 | Patterns of functional connectivity in an aging population: The Rotterdam Study. <i>NeuroImage</i> , 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. <i>Radiology</i> , 2016, 281, 507-515. | 7.3 | 110 |
| 50 | Serum Lipid Levels and the Risk of Intracerebral Hemorrhage: The Rotterdam Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2982-2989. | 2.4 | 107 |
| 51 | Determinants of magnetic resonance imaging detected carotid plaque components: the Rotterdam Study. <i>European Heart Journal</i> , 2012, 33, 221-229. | 2.2 | 107 |
| 52 | 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 |
| 53 | Global and focal white matter integrity in breast cancer survivors 20 years after adjuvant chemotherapy. <i>Human Brain Mapping</i> , 2014, 35, 889-899. | 3.6 | 98 |
| 54 | Asymptomatic Cerebral Small Vessel Disease: Insights from Population-Based Studies. <i>Journal of Stroke</i> , 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. <i>Alzheimer's and Dementia</i> , 2015, 11, 639. | 0.8 | 97 |
| 56 | Altered tract-specific white matter microstructure is related to poorer cognitive performance: The Rotterdam Study. <i>Neurobiology of Aging</i> , 2016, 39, 108-117. | 3.1 | 89 |
| 57 | Blood Pressure Variability and Cerebral Small Vessel Disease. <i>Stroke</i> , 2020, 51, 82-89. | 2.0 | 89 |
| 58 | Cerebral small vessel disease genomics and its implications across the lifespan. <i>Nature Communications</i> , 2020, 11, 6285. | 12.8 | 89 |
| 59 | Enlarged perivascular spaces and cognition. <i>Neurology</i> , 2018, 91, e832-e842. | 1.1 | 88 |
| 60 | White Matter Degeneration with Aging: Longitudinal Diffusion MR Imaging Analysis. <i>Radiology</i> , 2016, 279, 532-541. | 7.3 | 87 |
| 61 | Thyroid function and the risk of dementia. <i>Neurology</i> , 2016, 87, 1688-1695. | 1.1 | 86 |
| 62 | Association of Alzheimer's disease GWAS loci with MRI markers of brain aging. <i>Neurobiology of Aging</i> , 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. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, . | 2.6 | 81 |
| 64 | Reproducibility and variability of quantitative magnetic resonance imaging markers in cerebral small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1319-1337. | 4.3 | 80 |
| 65 | High shear stress relates to intraplaque haemorrhage in asymptomatic carotid plaques. <i>Atherosclerosis</i> , 2016, 251, 348-354. | 0.8 | 79 |
| 66 | Heritability of the shape of subcortical brain structures in the general population. <i>Nature Communications</i> , 2016, 7, 13738. | 12.8 | 78 |
| 67 | Atherosclerotic Plaque in the Left Carotid Artery Is More Vulnerable Than in the Right. <i>Stroke</i> , 2014, 45, 3226-3230. | 2.0 | 77 |
| 68 | Genetic risk of neurodegenerative diseases is associated with mild cognitive impairment and conversion to dementia. <i>Alzheimer's and Dementia</i> , 2015, 11, 1277-1285. | 0.8 | 76 |
| 69 | Subregional volumes of the hippocampus in relation to cognitive function and risk of dementia. <i>NeuroImage</i> , 2018, 178, 129-135. | 4.2 | 75 |
| 70 | Retinal neurodegeneration and brain MRI markers: the Rotterdam Study. <i>Neurobiology of Aging</i> , 2017, 60, 183-191. | 3.1 | 73 |
| 71 | Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. <i>Stroke</i> , 2020, 51, 2111-2121. | 2.0 | 71 |
| 72 | Brain cortical thickness in the general elderly population: The Rotterdam Scan Study. <i>Neuroscience Letters</i> , 2013, 550, 189-194. | 2.1 | 70 |

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|----|--|------|-----------|
| 73 | Lobar Distribution of Cerebral Microbleeds. <i>Archives of Neurology</i> , 2011, 68, 656-9. | 4.5 | 67 |
| 74 | Rating Method for Dilated Virchow's Spaces on Magnetic Resonance Imaging. <i>Stroke</i> , 2013, 44, 1732-1735. | 2.0 | 67 |
| 75 | 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 |
| 76 | Hemoglobin and anemia in relation to dementia risk and accompanying changes on brain MRI. <i>Neurology</i> , 2019, 93, e917-e926. | 1.1 | 66 |
| 77 | Brain tissue volumes and small vessel disease in relation to the risk of mortality. <i>Neurobiology of Aging</i> , 2009, 30, 450-456. | 3.1 | 65 |
| 78 | 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 |
| 79 | Chronic Obstructive Pulmonary Disease and Cerebral Microbleeds. The Rotterdam Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 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. <i>American Journal of Psychiatry</i> , 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. <i>Nature Communications</i> , 2020, 11, 4796. | 12.8 | 61 |
| 82 | A spatio-temporal reference model of the aging brain. <i>NeuroImage</i> , 2018, 169, 11-22. | 4.2 | 60 |
| 83 | Determinants, MRI Correlates, and Prognosis of Mild Cognitive Impairment: The Rotterdam Study. <i>Journal of Alzheimer's Disease</i> , 2014, 42, S239-S249. | 2.6 | 59 |
| 84 | Kidney Function and Cerebral Small Vessel Disease in the General Population. <i>International Journal of Stroke</i> , 2015, 10, 603-608. | 5.9 | 59 |
| 85 | Arterial Stiffness Is Associated With Carotid Intraplaque Hemorrhage in the General Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 927-932. | 2.4 | 57 |
| 86 | Use of Coumarin Anticoagulants and Cerebral Microbleeds in the General Population. <i>Stroke</i> , 2014, 45, 3436-3439. | 2.0 | 55 |
| 87 | Better diet quality relates to larger brain tissue volumes. <i>Neurology</i> , 2018, 90, e2166-e2173. | 1.1 | 55 |
| 88 | Practical Small Vessel Disease Score Relates to Stroke, Dementia, and Death. <i>Stroke</i> , 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. <i>Molecular Psychiatry</i> , 2019, 24, 757-771. | 7.9 | 51 |
| 90 | Epicardial fat volume is related to atherosclerotic calcification in multiple vessel beds. <i>European Heart Journal Cardiovascular Imaging</i> , 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. <i>Stroke</i> , 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. <i>Neuroradiology</i> , 2019, 61, 633-642. | 2.2 | 50 |
| 93 | The Bidirectional Association between Reduced Cerebral Blood Flow and Brain Atrophy in the General Population. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 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. <i>Molecular Psychiatry</i> , 2017, 22, 537-543. | 7.9 | 49 |
| 95 | A priori collaboration in population imaging: The Uniform Neuroimaging of Virchow-Robin Spaces Enlargement consortium. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 513-520. | 2.4 | 46 |
| 96 | Left-Sided Strokes Are More Often Recognized Than Right-Sided Strokes. <i>Stroke</i> , 2015, 46, 252-254. | 2.0 | 46 |
| 97 | C-Reactive Protein, Plasma Amyloid- β^2 Levels, and Their Interaction With Magnetic Resonance Imaging Markers. <i>Stroke</i> , 2018, 49, 2692-2698. | 2.0 | 46 |
| 98 | Parental family history of dementia in relation to subclinical brain disease and dementia risk. <i>Neurology</i> , 2017, 88, 1642-1649. | 1.1 | 44 |
| 99 | Evolution of DWI lesions in cerebral amyloid angiopathy. <i>Neurology</i> , 2017, 89, 2136-2142. | 1.1 | 44 |
| 100 | Plasma Amyloid- β^2 Levels, Cerebral Small Vessel Disease, and Cognition: The Rotterdam Study. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 977-987. | 2.6 | 43 |
| 101 | Cortical gyrification in relation to age and cognition in older adults. <i>NeuroImage</i> , 2020, 212, 116637. | 4.2 | 43 |
| 102 | Subclinical cardiac dysfunction increases the risk of stroke and dementia. <i>Neurology</i> , 2015, 84, 833-840. | 1.1 | 42 |
| 103 | Disconnection due to white matter hyperintensities is associated with lower cognitive scores. <i>NeuroImage</i> , 2018, 183, 745-756. | 4.2 | 41 |
| 104 | Association of common genetic variants with brain microbleeds. <i>Neurology</i> , 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. <i>European Heart Journal</i> , 2018, 39, 3369-3376. | 2.2 | 39 |
| 106 | Plasma amyloid- β^2 levels, cerebral atrophy and risk of dementia: a population-based study. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 63. | 6.2 | 39 |
| 107 | Air pollution exposure during pregnancy and childhood and brain morphology in preadolescents. <i>Environmental Research</i> , 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. <i>Journal of Clinical Oncology</i> , 2015, 33, 588-593. | 1.6 | 38 |

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|-----|---|-----|-----------|
| 109 | Cerebral small vessel disease is related to disturbed 24h activity rhythms: a population-based study. <i>European Journal of Neurology</i> , 2015, 22, 1482-1487. | 3.3 | 38 |
| 110 | Blood Pressure Variation and Subclinical Brain Disease. <i>Journal of the American College of Cardiology</i> , 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. <i>Circulation Research</i> , 2018, 122, 97-105. | 4.5 | 36 |
| 113 | Blood Pressure Parameters and Carotid Intraplaque Hemorrhage as Measured by Magnetic Resonance Imaging. <i>Hypertension</i> , 2013, 61, 76-81. | 2.7 | 35 |
| 114 | Statin use is associated with carotid plaque composition: The Rotterdam Study. <i>International Journal of Cardiology</i> , 2018, 260, 213-218. | 1.7 | 35 |
| 115 | Kidney function and microstructural integrity of brain white matter. <i>Neurology</i> , 2015, 85, 154-161. | 1.1 | 34 |
| 116 | Tract-specific white matter microstructure and gait in humans. <i>Neurobiology of Aging</i> , 2016, 43, 164-173. | 3.1 | 33 |
| 117 | White matter lesions relate to tract-specific reductions in functional connectivity. <i>Neurobiology of Aging</i> , 2017, 51, 97-103. | 3.1 | 33 |
| 118 | Determinants of the Presence and Size of Intracranial Aneurysms in the General Population. <i>Stroke</i> , 2020, 51, 2103-2110. | 2.0 | 33 |
| 119 | Visit-to-Visit Blood Pressure Variability, Neuropathology, and Cognitive Decline. <i>Neurology</i> , 2021, 96, e2812-e2823. | 1.1 | 33 |
| 120 | Determinants of carotid atherosclerotic plaque burden in a stroke-free population. <i>Atherosclerosis</i> , 2016, 255, 186-192. | 0.8 | 32 |
| 121 | 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 |
| 122 | Clopidogrel Use Is Associated With an Increased Prevalence of Cerebral Microbleeds in a Stroke-Free Population: The Rotterdam Study. <i>Journal of the American Heart Association</i> , 2013, 2, e000359. | 3.7 | 31 |
| 123 | Fine-mapping the effects of Alzheimer's disease risk loci on brain morphology. <i>Neurobiology of Aging</i> , 2016, 48, 204-211. | 3.1 | 31 |
| 124 | Brain Volumes and Longitudinal Cognitive Change. <i>Alzheimer Disease and Associated Disorders</i> , 2018, 32, 43-49. | 1.3 | 31 |
| 125 | Change in Carotid Plaque Components. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 184-192. | 5.3 | 30 |
| 126 | Vertebrobasilar artery calcification: Prevalence and risk factors in the general population. <i>Atherosclerosis</i> , 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. <i>BMC Medicine</i> , 2020, 18, 393. | 5.5 | 30 |
| 128 | The association between obesity, diet quality and hearing loss in older adults. <i>Aging</i> , 2019, 11, 48-62. | 3.1 | 30 |
| 129 | Structural Neuroimaging in Aging and Alzheimer's Disease. <i>Neuroimaging Clinics of North America</i> , 2012, 22, 33-55. | 1.0 | 29 |
| 130 | Retinal microvasculature and white matter microstructure. <i>Neurology</i> , 2016, 87, 1003-1010. | 1.1 | 29 |
| 131 | Antidepressant Use Is Associated With an Increased Risk of Developing Microbleeds. <i>Stroke</i> , 2016, 47, 251-254. | 2.0 | 29 |
| 132 | Lipoprotein(a) is robustly associated with aortic valve calcium. <i>Heart</i> , 2021, 107, 1422-1428. | 2.9 | 29 |
| 133 | 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 |
| 134 | Inhibition of Serotonin Reuptake by Antidepressants and Cerebral Microbleeds in the General Population. <i>Stroke</i> , 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. <i>NeuroImage</i> , 2020, 205, 116258. | 4.2 | 28 |
| 136 | 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 |
| 137 | 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 |
| 138 | Ethical framework for the detection, management and communication of incidental findings in imaging studies, building on an interview study of researchers'™ practices and perspectives. <i>BMC Medical Ethics</i> , 2017, 18, 10. | 2.4 | 26 |
| 139 | Sleep complaints and cerebral white matter: A prospective bidirectional study. <i>Journal of Psychiatric Research</i> , 2019, 112, 77-82. | 3.1 | 26 |
| 140 | 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 |
| 141 | <i>ACO2</i> homozygous missense mutation associated with complicated hereditary spastic paraplegia. <i>Neurology: Genetics</i> , 2018, 4, e223. | 1.9 | 25 |
| 142 | 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 |
| 143 | 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 |
| 144 | Liver Fat and Cardiometabolic Risk Factors Among School-Age Children. <i>Hepatology</i> , 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. <i>Psychiatry Research - Neuroimaging</i> , 2016, 253, 1-6. | 1.8 | 24 |
| 146 | Metabolic profiling of intra- and extracranial carotid artery atherosclerosis. <i>Atherosclerosis</i> , 2018, 272, 60-65. | 0.8 | 24 |
| 147 | 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 |
| 148 | Weighting training images by maximizing distribution similarity for supervised segmentation across scanners. <i>Medical Image Analysis</i> , 2015, 24, 245-254. | 11.6 | 23 |
| 149 | White-matter microstructure and hearing acuity in older adults: a population-based cross-sectional DTI study. <i>Neurobiology of Aging</i> , 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. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 295-308. | 2.6 | 23 |
| 151 | Association of Coffee Consumption with MRI Markers and Cognitive Function: A Population-Based Study. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 451-461. | 2.6 | 22 |
| 152 | HASE: Framework for efficient high-dimensional association analyses. <i>Scientific Reports</i> , 2016, 6, 36076. | 3.3 | 22 |
| 153 | Retinal Microvascular Calibers Are Associated With Enlarged Perivascular Spaces in the Brain. <i>Stroke</i> , 2016, 47, 1374-1376. | 2.0 | 22 |
| 154 | Sex-specific distributions and determinants of thoracic aortic diameters in the elderly. <i>Heart</i> , 2020, 106, 133-139. | 2.9 | 22 |
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