

M. Arfan Ikram

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7359109/m-arfan-ikram-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

781
papers

46,703
citations

100
h-index

195
g-index

877
ext. papers

60,829
ext. citations

9.1
avg, IF

7.09
L-index

#	Paper	IF	Citations
781	Healthy lifestyle in older adults and life expectancy with and without heart failure.. <i>European Journal of Epidemiology</i> , 2022 , 1	12.1	0
780	MIND diet and the risk of dementia: a population-based study.. <i>Alzheimeris Research and Therapy</i> , 2022 , 14, 8	9	2
779	Long-term association of pregnancy and maternal brain structure: the Rotterdam Study.. <i>European Journal of Epidemiology</i> , 2022 , 1	12.1	0
778	Functional genomics analysis identifies T and NK cell activation as a driver of epigenetic clock progression.. <i>Genome Biology</i> , 2022 , 23, 24	18.3	6
777	Challenges at the APOE locus: a robust quality control approach for accurate APOE genotyping.. <i>Alzheimeris Research and Therapy</i> , 2022 , 14, 22	9	
776	Genome-wide analysis of 102,084 migraine cases identifies 123 risk loci and subtype-specific risk alleles.. <i>Nature Genetics</i> , 2022 , 54, 152-160	36.3	13
775	Trends in Staging, Treatment, and Survival in Colorectal Cancer Between 1990 and 2014 in the Rotterdam Study.. <i>Frontiers in Oncology</i> , 2022 , 12, 849951	5.3	0
774	Polysomnography-estimated sleep and the negative feedback loop of the hypothalamic-pituitary-adrenal (HPA) axis.. <i>Psychoneuroendocrinology</i> , 2022 , 141, 105749	5	2
773	Visit-to-visit blood pressure variability and the risk of stroke in the Netherlands: A population-based cohort study.. <i>PLoS Medicine</i> , 2022 , 19, e1003942	11.6	0
772	Carotid Plaque Composition and Prediction of Incident Atherosclerotic Cardiovascular Disease.. <i>Circulation: Cardiovascular Imaging</i> , 2022 , CIRCIMAGING121013602	3.9	0
771	Lung function impairment in relation to cognition and vascular brain lesions: the Rotterdam Study.. <i>Journal of Neurology</i> , 2022 , 1	5.5	1
770	Genetic variants associated with longitudinal changes in brain structure across the lifespan.. <i>Nature Neuroscience</i> , 2022 , 25, 421-432	25.5	1
769	Appendectomy and the subsequent risk of cancer: A prospective population-based cohort study with long follow-up.. <i>Cancer Epidemiology</i> , 2022 , 77, 102120	2.8	0
768	Meta-analysis of genome-wide association studies identifies ancestry-specific associations underlying circulating total tau levels.. <i>Communications Biology</i> , 2022 , 5, 336	6.7	0
767	New insights into the genetic etiology of Alzheimer's disease and related dementias.. <i>Nature Genetics</i> , 2022 ,	36.3	27
766	Associations of neuroimaging markers with depressive symptoms over time in middle-aged and elderly persons.. <i>Psychological Medicine</i> , 2022 , 1-9	6.9	0
765	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. <i>Nature Genetics</i> , 2022 ,	36.3	7

764	Research Aims in Clinical Medicine: Description, Identification, or Explanation.. <i>World Neurosurgery</i> , 2022 , 161, 240-244	2.1	
763	Bidirectional Association Between Kidney Function and Atrial Fibrillation: A Population-Based Cohort Study.. <i>Journal of the American Heart Association</i> , 2022 , 11, e025303	6	0
762	Sex-Based Difference in the Effect of Metoprolol on Heart Rate and Bradycardia in a Population-Based Setting. <i>Journal of Personalized Medicine</i> , 2022 , 12, 870	3.6	1
761	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022 , 5,	6.7	1
760	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2021 , 26, 2111-2125	15.1	3
759	Genomic analysis of diet composition finds novel loci and associations with health and lifestyle. <i>Molecular Psychiatry</i> , 2021 , 26, 2056-2069	15.1	25
758	Association of low-frequency and rare coding variants with information processing speed. <i>Translational Psychiatry</i> , 2021 , 11, 613	8.6	0
757	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021 ,	50.4	24
756	Hypertensive Disorders of Pregnancy and Cognitive Impairment: A Prospective Cohort Study. <i>Neurology</i> , 2021 , 96, e709-e718	6.5	13
755	Higher thyrotropin leads to unfavorable lipid profile and somewhat higher cardiovascular disease risk: evidence from multi-cohort Mendelian randomization and metabolomic profiling. <i>BMC Medicine</i> , 2021 , 19, 266	11.4	3
754	Sarcopenia in older people with chronic airway diseases: the Rotterdam study. <i>ERJ Open Research</i> , 2021 , 7,	3.5	1
753	Circulatory microRNAs as potential biomarkers for fatty liver disease: the Rotterdam study. <i>Alimentary Pharmacology and Therapeutics</i> , 2021 , 53, 432-442	6.1	5
752	Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. <i>Diabetes Care</i> , 2021 ,	14.6	4
751	Vascular risk factors as predictors of epilepsy in older age: The Framingham Heart Study. <i>Epilepsia</i> , 2021 ,	6.4	4
750	Loneliness, Not Social Support, Is Associated with Cognitive Decline and Dementia Across Two Longitudinal Population-Based Cohorts. <i>Journal of Alzheimeris Disease</i> , 2021 ,	4.3	5
749	Prevalence and determinants of healthcare avoidance during the COVID-19 pandemic: A population-based cross-sectional study. <i>PLoS Medicine</i> , 2021 , 18, e1003854	11.6	4
748	Subclinical Measures of Peripheral Atherosclerosis and the Risk of New-Onset Atrial Fibrillation in the General Population: the Rotterdam Study.. <i>Journal of the American Heart Association</i> , 2021 , e023967 ⁶		1
747	Differences Between MR Brain Region Segmentation Methods: Impact on Single-Subject Analysis. <i>Frontiers in Big Data</i> , 2021 , 4, 577164	2.8	

746	Validating biomarkers and models for epigenetic inference of alcohol consumption from blood. <i>Clinical Epigenetics</i> , 2021 , 13, 198	7.7	0
745	Determinants of the Evolution of Kidney Function With Age.. <i>Kidney International Reports</i> , 2021 , 6, 3054-3063	4.0	2
744	Arterial calcification at different sites and prediction of atherosclerotic cardiovascular disease among women and men. <i>Atherosclerosis</i> , 2021 , 337, 27-34	3.1	
743	Life expectancy with and without dementia in persons with mild cognitive impairment in the community. <i>Journal of the American Geriatrics Society</i> , 2021 ,	5.6	1
742	Neural correlates of orbital telorism. <i>Cortex</i> , 2021 , 145, 315-326	3.8	
741	Heterogeneity in Reports of Dementia Disease Duration and Severity: A Review of the Literature. <i>Journal of Alzheimeris Disease</i> , 2021 ,	4.3	1
740	Genome-wide association study in almost 195,000 individuals identifies 50 previously unidentified genetic loci for eye color. <i>Science Advances</i> , 2021 , 7,	14.3	11
739	Tinnitus and Its Central Correlates: A Neuroimaging Study in a Large Aging Population. <i>Ear and Hearing</i> , 2021 , 42, 1428-1435	3.4	0
738	Clinical Relevance of Cortical Cerebral Microinfarcts on 1.5T Magnetic Resonance Imaging in the Late-Adult Population. <i>Stroke</i> , 2021 , 52, 922-930	6.7	2
737	Age-dependent sex differences in calcium and phosphate homeostasis. <i>Endocrine Connections</i> , 2021 , 10, 273-282	3.5	5
736	Circulatory MicroRNAs as Potential Biomarkers for Stroke Risk: The Rotterdam Study. <i>Stroke</i> , 2021 , 52, 945-953	6.7	8
735	Cardiovascular health and chronic axonal polyneuropathy: A population-based study. <i>European Journal of Neurology</i> , 2021 , 28, 2046-2053	6	
734	Investigating the relationships between unfavourable habitual sleep and metabolomic traits: evidence from multi-cohort multivariable regression and Mendelian randomization analyses. <i>BMC Medicine</i> , 2021 , 19, 69	11.4	1
733	Plasma Brain-Derived Neurotropic Factor Levels Are Associated with Aging and Smoking But Not with Future Dementia in the Rotterdam Study. <i>Journal of Alzheimeris Disease</i> , 2021 , 80, 1139-1149	4.3	1
732	Multiomics integrative analysis identifies allele-specific blood biomarkers associated to Alzheimer's disease etiopathogenesis. <i>Aging</i> , 2021 , 13, 9277-9329	5.6	4
731	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , 2021 ,	15.1	3
730	Vitamin K antagonist anticoagulant usage is associated with increased incidence and progression of osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2021 , 80, 598-604	2.4	7
729	Lower complexity and higher variability in beat-to-beat systolic blood pressure are associated with elevated long-term risk of dementia: The Rotterdam Study. <i>Alzheimeris and Dementia</i> , 2021 , 17, 1134-1144	1.2	5

728	The longitudinal association of actigraphy-estimated sleep with grief in middle-aged and elderly persons. <i>Journal of Psychiatric Research</i> , 2021 , 137, 66-72	5.2	2
727	Plasma amyloid β levels are driven by genetic variants near APOE, BACE1, APP, PSEN2: A genome-wide association study in over 12,000 non-demented participants. <i>Alzheimer's and Dementia</i> , 2021 , 17, 1663-1674	1.2	5
726	Epigenome-wide association meta-analysis of DNA methylation with coffee and tea consumption. <i>Nature Communications</i> , 2021 , 12, 2830	17.4	9
725	Circulating biomarkers of immunity and inflammation, risk of Alzheimer's disease, and hippocampal volume: a Mendelian randomization study. <i>Translational Psychiatry</i> , 2021 , 11, 291	8.6	5
724	Genetic analysis in European ancestry individuals identifies 517 loci associated with liver enzymes. <i>Nature Communications</i> , 2021 , 12, 2579	17.4	7
723	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021 , 53, 840-860	36.3	44
722	Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. <i>Nature Communications</i> , 2021 , 12, 3417	17.4	23
721	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. <i>Nature Communications</i> , 2021 , 12, 3987	17.4	3
720	C-Reactive Protein Partially Mediates the Inverse Association Between Coffee Consumption and Risk of Type 2 Diabetes: The UK Biobank and the Rotterdam Study Cohorts. <i>Current Developments in Nutrition</i> , 2021 , 5, 1070-1070	0.4	78
719	Meta-analysis of epigenome-wide association studies of carotid intima-media thickness. <i>European Journal of Epidemiology</i> , 2021 , 36, 1143-1155	12.1	4
718	C-factor: a summary measure for systemic arterial calcifications. <i>BMC Cardiovascular Disorders</i> , 2021 , 21, 317	2.3	
717	Thyroid Function and Physical Activity: A Population-Based Cohort Study. <i>Thyroid</i> , 2021 , 31, 870-875	6.2	1
716	Aging, Cardiovascular Risk, and SHBG Levels in Men and Women From the General Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 2890-2900	5.6	4
715	Lung Function Impairment and the Risk of Incident Dementia: The Rotterdam Study. <i>Journal of Alzheimer's Disease</i> , 2021 , 82, 621-630	4.3	3
714	Longitudinal diffusion MRI analysis using Segis-Net: A single-step deep-learning framework for simultaneous segmentation and registration. <i>NeuroImage</i> , 2021 , 235, 118004	7.9	3
713	Reply to: Brain Volumes, Cognitive Decline, and Physical Activity in Older Inhabitants. <i>Alzheimer Disease and Associated Disorders</i> , 2021 , 35, 289	2.5	
712	Associations of vitamin D deficiency with MRI markers of brain health in a community sample. <i>Clinical Nutrition</i> , 2021 , 40, 72-78	5.9	8
711	Physical Exercise Interventions Targeting Cognitive Functioning and the Cognitive Domains in Nondementia Samples: A Systematic Review of Meta-Analyses. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2021 , 34, 91-101	3.8	3

710	Microbiomics, Metabolomics, Predicted Metagenomics, and Hepatic Steatosis in a Population-Based Study of 1,355 Adults. <i>Hepatology</i> , 2021 , 73, 968-982	11.2	13
709	Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021 , 5, 59-70	12.8	33
708	Hypothetical blood-pressure-lowering interventions and risk of stroke and dementia. <i>European Journal of Epidemiology</i> , 2021 , 36, 69-79	12.1	3
707	Sleep characteristics across the lifespan in 1.1 million people from the Netherlands, United Kingdom and United States: a systematic review and meta-analysis. <i>Nature Human Behaviour</i> , 2021 , 5, 113-122	12.8	46
706	Immunity and amyloid beta, total tau and neurofilament light chain: Findings from a community-based cohort study. <i>Alzheimeris and Dementia</i> , 2021 , 17, 446-456	1.2	5
705	Design and overview of the Origins of Alzheimer's Disease Across the Life course (ORACLE) study. <i>European Journal of Epidemiology</i> , 2021 , 36, 117-127	12.1	4
704	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , 2021 , 99, 926-939	9.9	6
703	A systematic review and participant-level meta-analysis found little association of retinal microvascular caliber with reduced kidney function. <i>Kidney International</i> , 2021 , 99, 696-706	9.9	2
702	Circulating metabolites are associated with brain atrophy and white matter hyperintensities. <i>Alzheimeris and Dementia</i> , 2021 , 17, 205-214	1.2	3
701	Hearing loss and cognitive decline in the general population: a prospective cohort study. <i>Journal of Neurology</i> , 2021 , 268, 860-871	5.5	7
700	Assessment of Advanced Glycation End Products and Receptors and the Risk of Dementia. <i>JAMA Network Open</i> , 2021 , 4, e2033012	10.4	6
699	Sex steroids and markers of micro- and macrovascular damage among women and men from the general population. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	2
698	miR-142-3p regulates cortical oligodendrocyte gene co-expression networks associated with tauopathy. <i>Human Molecular Genetics</i> , 2021 , 30, 103-118	5.6	0
697	Common and Rare Variants Genetic Association Analysis of Circulating Neutrophil Extracellular Traps. <i>Frontiers in Immunology</i> , 2021 , 12, 615527	8.4	1
696	Genetic scores for adult subcortical volumes associate with subcortical volumes during infancy and childhood. <i>Human Brain Mapping</i> , 2021 , 42, 1583-1593	5.9	1
695	External validity of phase III trials on vaccines against SARS-CoV-2 to a middle-aged and elderly Western European population. <i>European Journal of Epidemiology</i> , 2021 , 36, 319-324	12.1	2
694	Identification of 371 genetic variants for age at first sex and birth linked to externalising behaviour. <i>Nature Human Behaviour</i> , 2021 ,	12.8	5
693	Macrolide-associated ototoxicity: a cross-sectional and longitudinal study to assess the association of macrolide use with tinnitus and hearing loss. <i>Journal of Antimicrobial Chemotherapy</i> , 2021 , 76, 2708-2716	5.1	1

692	Design, implementation and initial findings of COVID-19 research in the Rotterdam Study: leveraging existing infrastructure for population-based investigations on an emerging disease. <i>European Journal of Epidemiology</i> , 2021 , 36, 649-654	12.1	3
691	Association of Insulin Resistance and Type 2 Diabetes With Gut Microbial Diversity: A Microbiome-Wide Analysis From Population Studies. <i>JAMA Network Open</i> , 2021 , 4, e2118811	10.4	12
690	Sugar-Sweetened Beverage Consumption May Modify Associations Between Genetic Variants in the CHREBP (Carbohydrate Responsive Element Binding Protein) Locus and HDL-C (High-Density Lipoprotein Cholesterol) and Triglyceride Concentrations. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003288	5.2	1
689	Circulating Myeloperoxidase (MPO)-DNA complexes as marker for Neutrophil Extracellular Traps (NETs) levels and the association with cardiovascular risk factors in the general population. <i>PLoS ONE</i> , 2021 , 16, e0253698	3.7	2
688	Multiethnic Genome-Wide Association Study of Subclinical Atherosclerosis in Individuals With Type 2 Diabetes. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003258	5.2	0
687	Genetic Susceptibility to Dry Skin in a General Middle-Aged to Elderly Population: A GWAS. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 2077-2079.e5	4.3	
686	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021 , 596, 393-397	50.4	28
685	Association of Thyroid Dysfunction With Cognitive Function: An Individual Participant Data Analysis. <i>JAMA Internal Medicine</i> , 2021 , 181, 1440-1450	11.5	4
684	Cardiovascular health, genetic predisposition, and lifetime risk of type 2 diabetes. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	1
683	Progression along data-driven disease timelines is predictive of Alzheimer's disease in a population-based cohort. <i>NeuroImage</i> , 2021 , 238, 118233	7.9	0
682	Determinants and Reference Ranges of Serum Immunoglobulins in Middle-Aged and Elderly Individuals: a Population-Based Study. <i>Journal of Clinical Immunology</i> , 2021 , 41, 1902-1914	5.7	2
681	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021 , 53, 1311-1321	36.3	27
680	GenNet framework: interpretable deep learning for predicting phenotypes from genetic data. <i>Communications Biology</i> , 2021 , 4, 1094	6.7	1
679	Sex-specific normal values and determinants of infrarenal abdominal aortic diameter among non-aneurysmal elderly population. <i>Scientific Reports</i> , 2021 , 11, 17762	4.9	0
678	Recommendations and Associated Levels of Evidence for Statin Use in Primary Prevention of Cardiovascular Disease: A Comparison at Population Level of the American Heart Association/American College of Cardiology/Multisociety, US Preventive Services Task Force, Department of Veterans Affairs/Department of Defense, Canadian Cardiovascular Society, and	5.8	0
677	Sleep and perivascular spaces in the middle-aged and elderly population. <i>Journal of Sleep Research</i> , 2021 , e13485	5.8	0
676	Genome-wide association study of frontotemporal dementia identifies a C9ORF72 haplotype with a median of 12-G4C2 repeats that predisposes to pathological repeat expansions. <i>Translational Psychiatry</i> , 2021 , 11, 451	8.6	0
675	Peripheral Immune Cell Numbers and C-Reactive Protein in Parkinson's Disease: Results from a Population-Based Study.. <i>Journal of Parkinsonis Disease</i> , 2021 ,	5.3	2

674	A meta-analysis of genome-wide association studies identifies new genetic loci associated with all-cause and vascular dementia.. <i>Alzheimeris and Dementia</i> , 2021 , 17 Suppl 3, e056081	1.2	
673	The development of a microsimulation model to predict the future burden of dementia and effects of public health interventions. <i>Alzheimeris and Dementia</i> , 2020 , 16, e040855	1.2	
672	Decreased complexity and increased variability in systolic blood pressure are associated with elevated long-term risk of dementia: The Rotterdam Study. <i>Alzheimeris and Dementia</i> , 2020 , 16, e041587 ^{1.2}	1.2	2
671	Cortical cerebral microinfarcts and risk of stroke, dementia and mortality: The Rotterdam study. <i>Alzheimeris and Dementia</i> , 2020 , 16, e041672	1.2	
670	Season of birth and the risk of dementia in the general population: A long-term, prospective cohort study. <i>Alzheimeris and Dementia</i> , 2020 , 16, e042448	1.2	
669	Life expectancy with and without dementia after diagnosis of mild cognitive impairment: A population-based study. <i>Alzheimeris and Dementia</i> , 2020 , 16, e042576	1.2	
668	The role of the gut microbiome in cognitive function and Alzheimer's disease. <i>Alzheimeris and Dementia</i> , 2020 , 16, e043197	1.2	0
667	Clostridium shows a higher abundance in less neurovascular and neurodegenerative changes: A microbiome-wide association study. <i>Alzheimeris and Dementia</i> , 2020 , 16, e044743	1.2	0
666	Looking at competing events through a different lens in dementia research: Examples from the Rotterdam Study. <i>Alzheimeris and Dementia</i> , 2020 , 16, e045204	1.2	
665	Alzheimer's Association International Cohort Study of Chronic Neuropsychiatric Sequeale of SARS-CoV-2 (CNS-SARS-CoV-2). <i>Alzheimeris and Dementia</i> , 2020 , 16, e047721	1.2	1
664	Cerebral small vessel disease genomics and its implications across the lifespan. <i>Nature Communications</i> , 2020 , 11, 6285	17.4	22
663	Habitual sleep disturbances and migraine: a Mendelian randomization study. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 2370-2380	5.3	6
662	The genetics of circulating BDNF: towards understanding the role of BDNF in brain structure and function in middle and old ages. <i>Brain Communications</i> , 2020 , 2, fcaa176	4.5	1
661	CDH6 and HAGH protein levels in plasma associate with Alzheimer's disease in APOE ε4 carriers. <i>Scientific Reports</i> , 2020 , 10, 8233	4.9	4
660	Objectives, design and main findings until 2020 from the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2020 , 35, 483-517	12.1	115
659	Trajectories of BMI Before Diagnosis of Type 2 Diabetes: The Rotterdam Study. <i>Obesity</i> , 2020 , 28, 1149-1156	11.56	7
658	The association of innate and adaptive immunity, subclinical atherosclerosis, and cardiovascular disease in the Rotterdam Study: A prospective cohort study. <i>PLoS Medicine</i> , 2020 , 17, e1003115	11.6	14
657	Neuro4Neuro: A neural network approach for neural tract segmentation using large-scale population-based diffusion imaging. <i>NeuroImage</i> , 2020 , 218, 116993	7.9	15

656	Epidemiology of Polypharmacy in the General Population: 27-Year Prospective Cohort Study. <i>Journal of the American Medical Directors Association</i> , 2020 , 21, 1177-1179	5.9	1
655	Blood Pressure Variation and Subclinical Brain Disease. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 2387-2399	15.1	17
654	The association between dietary and skin advanced glycation end products: the Rotterdam Study. <i>American Journal of Clinical Nutrition</i> , 2020 , 112, 129-137	7	9
653	The impact of thiazide diuretics on bone mineral density and the trabecular bone score: the Rotterdam Study. <i>Bone</i> , 2020 , 138, 115475	4.7	5
652	Actigraphy-estimated sleep and 24-hour activity rhythms and the risk of dementia. <i>Alzheimeris and Dementia</i> , 2020 , 16, 1259-1267	1.2	9
651	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. <i>Stroke</i> , 2020 , 51, 2111-2121	6.7	23
650	Determinants of the Presence and Size of Intracranial Aneurysms in the General Population: The Rotterdam Study. <i>Stroke</i> , 2020 , 51, 2103-2110	6.7	11
649	Updated treatment thresholds in the 2019 ESC/EAS dyslipidaemia guidelines substantially expand indications for statin use for primary prevention at population level: Results from the Rotterdam Study. <i>Atherosclerosis</i> , 2020 , 299, 64-66	3.1	2
648	Multi-Omics Analysis Reveals MicroRNAs Associated With Cardiometabolic Traits. <i>Frontiers in Genetics</i> , 2020 , 11, 110	4.5	10
647	The cardiovascular risk profile of middle age women previously diagnosed with premature ovarian insufficiency: A case-control study. <i>PLoS ONE</i> , 2020 , 15, e0229576	3.7	9
646	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020 , 367,	33.3	156
645	Global and Regional Development of the Human Cerebral Cortex: Molecular Architecture and Occupational Aptitudes. <i>Cerebral Cortex</i> , 2020 , 30, 4121-4139	5.1	5
644	Prion protein codon 129 polymorphism in mild cognitive impairment and dementia: the Rotterdam Study. <i>Brain Communications</i> , 2020 , 2, fcaa030	4.5	0
643	Implementation and validation of ASL perfusion measurements for population imaging. <i>Magnetic Resonance in Medicine</i> , 2020 , 84, 2048-2054	4.4	2
642	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	5.8	3
641	Unspecified Strokes: Time Trends, Determinants, and Long-Term Prognosis in the General Population. <i>Neuroepidemiology</i> , 2020 , 54, 334-342	5.4	2
640	Genetic Burden for Late-Life Neurodegenerative Disease and Its Association With Early-Life Lipids, Brain, Behavior, and Cognition. <i>Frontiers in Psychiatry</i> , 2020 , 11, 33	5	3
639	Twenty-seven-year time trends in dementia incidence in Europe and the United States: The Alzheimer Cohorts Consortium. <i>Neurology</i> , 2020 , 95, e519-e531	6.5	73

638	A genome-wide cross-phenotype meta-analysis of the association of blood pressure with migraine. <i>Nature Communications</i> , 2020 , 11, 3368	17.4	22
637	Letter to the Editor, Reacting to: "APOE ϵ Carriers Have a Greater Propensity to Glycation and sRAGE Which Is Further Influenced by RAGE G82S Polymorphism". <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 1906-1907	6.4	1
636	Epigenetic Link Between Statin Therapy and Type 2 Diabetes. <i>Diabetes Care</i> , 2020 , 43, 875-884	14.6	16
635	Cortical gyriification in relation to age and cognition in older adults. <i>NeuroImage</i> , 2020 , 212, 116637	7.9	17
634	Survival After Uncomplicated EVAR in Octogenarians is Similar to the General Population of Octogenarians Without an Abdominal Aortic Aneurysm. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020 , 59, 740-747	2.3	5
633	Physical Activity as Moderator of the Association Between APOE and Cognitive Decline in Older Adults: Results from Three Longitudinal Cohort Studies. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 1880-1886	6.4	12
632	Dementia Research Fit for the Planet: Reflections on Population Studies of Dementia for Researchers and Policy Makers Alike. <i>Neuroepidemiology</i> , 2020 , 54, 157-170	5.4	3
631	Sexually dimorphic DNA-methylation in cardiometabolic health: A systematic review. <i>Maturitas</i> , 2020 , 135, 6-26	5	7
630	Time Trends in Survival Following First Hemorrhagic or Ischemic Stroke Between 1991 and 2015 in the Rotterdam Study. <i>Stroke</i> , 2020 , 51, STROKEAHA119027198	6.7	8
629	Dietary protein intake and all-cause and cause-specific mortality: results from the Rotterdam Study and a meta-analysis of prospective cohort studies. <i>European Journal of Epidemiology</i> , 2020 , 35, 411-429	12.1	28
628	Diversity, compositional and functional differences between gut microbiota of children and adults. <i>Scientific Reports</i> , 2020 , 10, 1040	4.9	46
627	Assessing hearing loss in older adults with a single question and person characteristics; Comparison with pure tone audiometry in the Rotterdam Study. <i>PLoS ONE</i> , 2020 , 15, e0228349	3.7	14
626	Development and External Validation of a Deep Learning Algorithm for Prognostication of Cardiovascular Outcomes. <i>Korean Circulation Journal</i> , 2020 , 50, 72-84	2.2	1
625	Exome Sequencing Analysis Identifies Rare Variants in and That Are Associated With Shorter Telomere Length. <i>Frontiers in Genetics</i> , 2020 , 11, 337	4.5	1
624	The role of education in resistance against development of vascular brain pathology. <i>Alzheimeris and Dementia</i> , 2020 , 16, e043138	1.2	
623	Dietary taste patterns in early childhood: the Generation R Study. <i>American Journal of Clinical Nutrition</i> , 2020 ,	7	3
622	QTc-interval prolongation and increased risk of sudden cardiac death associated with hydroxychloroquine. <i>European Journal of Preventive Cardiology</i> , 2020 ,	3.9	1
621	Dynamics of Brain Structure and its Genetic Architecture over the Lifespan 2020 ,		7

620	Vertebral Fractures in Individuals With Type 2 Diabetes: More Than Skeletal Complications Alone. <i>Diabetes Care</i> , 2020 , 43, 137-144	14.6	34
619	Antihypertensive medications and risk for incident dementia and Alzheimer's disease: a meta-analysis of individual participant data from prospective cohort studies. <i>Lancet Neurology</i> , 2020 , 19, 61-70	24.1	71
618	Migraine Genetic Variants Influence Cerebral Blood Flow. <i>Headache</i> , 2020 , 60, 90-100	4.2	2
617	Ascertainment of cancer in longitudinal research: The concordance between the Rotterdam Study and the Netherlands Cancer Registry. <i>International Journal of Cancer</i> , 2020 , 147, 633-640	7.5	8
616	Pathology-confirmed versus non pathology-confirmed cancer diagnoses: incidence, participant characteristics, and survival. <i>European Journal of Epidemiology</i> , 2020 , 35, 557-565	12.1	3
615	Telomere Length and the Risk of Alzheimer's Disease: The Rotterdam Study. <i>Journal of Alzheimer's Disease</i> , 2020 , 73, 707-714	4.3	15
614	Unraveling the Association Between Gait and Mortality-One Step at a Time. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 1184-1190	6.4	11
613	Genome-wide meta-analysis of variant-by-diuretic interactions as modulators of lipid traits in persons of European and African ancestry. <i>Pharmacogenomics Journal</i> , 2020 , 20, 482-493	3.5	1
612	Aortic Arch Calcification and the Risk of Cancer: A Population-Based Cohort Study. <i>Frontiers in Oncology</i> , 2020 , 10, 1700	5.3	2
611	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020 , 11, 4796	17.4	16
610	Structural disconnectivity and the risk of dementia in the general population. <i>Neurology</i> , 2020 , 95, e1528-1537	6.5	1537
609	Sleep, 24-h activity rhythms, and plasma markers of neurodegenerative disease. <i>Scientific Reports</i> , 2020 , 10, 20691	4.9	2
608	Lifetime risk to progress from pre-diabetes to type 2 diabetes among women and men: comparison between American Diabetes Association and World Health Organization diagnostic criteria. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	4
607	Emulating a target trial of statin use and risk of dementia using cohort data. <i>Neurology</i> , 2020 , 95, e1322-1332	6.5	1332
606	Aging-Dependent Genetic Effects Associated to ADHD Predict Longitudinal Changes of Ventricular Volumes in Adulthood. <i>Frontiers in Psychiatry</i> , 2020 , 11, 574	5	2
605	Dietary Advanced Glycation End-Products (dAGEs) Intake and Bone Health: A Cross-Sectional Analysis in the Rotterdam Study. <i>Nutrients</i> , 2020 , 12,	6.7	5
604	Arterial calcification at multiple sites: sex-specific cardiovascular risk profiles and mortality risk-the Rotterdam Study. <i>BMC Medicine</i> , 2020 , 18, 263	11.4	6
603	Metabolic Age Based on the BBMRI-NL H-NMR Metabolomics Repository as Biomarker of Age-related Disease. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, 541-547	5.2	7

602	Genome-wide identification of genes regulating DNA methylation using genetic anchors for causal inference. <i>Genome Biology</i> , 2020 , 21, 220	18.3	10
601	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. <i>Diabetes</i> , 2020 , 69, 2806-2818	0.9	10
600	Association of common genetic variants with brain microbleeds: A genome-wide association study. <i>Neurology</i> , 2020 , 95, e3331-e3343	6.5	10
599	Discrimination of degrees of auditory performance from the digits-in-noise test based on hearing status. <i>International Journal of Audiology</i> , 2020 , 59, 897-904	2.6	4
598	Associations of specific dietary protein with longitudinal insulin resistance, prediabetes and type 2 diabetes: The Rotterdam Study. <i>Clinical Nutrition</i> , 2020 , 39, 242-249	5.9	29
597	The systemic immune-inflammation index is associated with an increased risk of incident cancer-A population-based cohort study. <i>International Journal of Cancer</i> , 2020 , 146, 692-698	7.5	45
596	Diet quality in early and mid-childhood in relation to trajectories of growth and body composition. <i>Clinical Nutrition</i> , 2020 , 39, 845-852	5.9	7
595	Whole exome sequencing study identifies novel rare and common Alzheimer's-Associated variants involved in immune response and transcriptional regulation. <i>Molecular Psychiatry</i> , 2020 , 25, 1859-1875	15.1	106
594	On the relationship of machine learning with causal inference. <i>European Journal of Epidemiology</i> , 2020 , 35, 183-185	12.1	7
593	Do Vitamin D Level and Dietary Calcium Intake Modify the Association Between Loop Diuretics and Bone Health?. <i>Calcified Tissue International</i> , 2020 , 106, 104-114	3.9	2
592	Progression of conventional cardiovascular risk factors and vascular disease risk in individuals: insights from the PROG-IMT consortium. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 234-243	3.9	5
591	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	11.7	
590	Spatially Regularized Shape Analysis of the Hippocampus Using P-Spline Based Shape Regression. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020 , 24, 825-834	7.2	
589	Corticosteroids and Regional Variations in Thickness of the Human Cerebral Cortex across the Lifespan. <i>Cerebral Cortex</i> , 2020 , 30, 575-586	5.1	8
588	Cognitive and physical impairment and the risk of stroke - A prospective cohort study. <i>Scientific Reports</i> , 2020 , 10, 6274	4.9	8
587	Cross-trait analyses with migraine reveal widespread pleiotropy and suggest a vascular component to migraine headache. <i>International Journal of Epidemiology</i> , 2020 , 49, 1022-1031	7.8	15
586	Association of circulating metabolites in plasma or serum and risk of stroke: Meta-analysis from seven prospective cohorts. <i>Neurology</i> , 2020 ,	6.5	9
585	Quantitative Gait Impairments in Patients With Stroke or Transient Ischemic Attack: A Population-Based Approach. <i>Stroke</i> , 2020 , 51, 2464-2471	6.7	2

584	The association of innate and adaptive immunity, subclinical atherosclerosis, and cardiovascular disease in the Rotterdam Study: A prospective cohort study 2020 , 17, e1003115		
583	The association of innate and adaptive immunity, subclinical atherosclerosis, and cardiovascular disease in the Rotterdam Study: A prospective cohort study 2020 , 17, e1003115		
582	The association of innate and adaptive immunity, subclinical atherosclerosis, and cardiovascular disease in the Rotterdam Study: A prospective cohort study 2020 , 17, e1003115		
581	The association of innate and adaptive immunity, subclinical atherosclerosis, and cardiovascular disease in the Rotterdam Study: A prospective cohort study 2020 , 17, e1003115		
580	The association of innate and adaptive immunity, subclinical atherosclerosis, and cardiovascular disease in the Rotterdam Study: A prospective cohort study 2020 , 17, e1003115		
579	Assessing hearing loss in older adults with a single question and person characteristics; Comparison with pure tone audiometry in the Rotterdam Study 2020 , 15, e0228349		
578	Assessing hearing loss in older adults with a single question and person characteristics; Comparison with pure tone audiometry in the Rotterdam Study 2020 , 15, e0228349		
577	Assessing hearing loss in older adults with a single question and person characteristics; Comparison with pure tone audiometry in the Rotterdam Study 2020 , 15, e0228349		
576	Assessing hearing loss in older adults with a single question and person characteristics; Comparison with pure tone audiometry in the Rotterdam Study 2020 , 15, e0228349		
575	Assessing hearing loss in older adults with a single question and person characteristics; Comparison with pure tone audiometry in the Rotterdam Study 2020 , 15, e0228349		
574	Assessing hearing loss in older adults with a single question and person characteristics; Comparison with pure tone audiometry in the Rotterdam Study 2020 , 15, e0228349		
573	Objectively measured sedentary time and mental and cognitive health: Cross-sectional and longitudinal associations in The Rotterdam Study. <i>Mental Health and Physical Activity</i> , 2019 , 17, 100296	5	2
572	Prevalence and determinants for xerosis cutis in the middle-aged and elderly population: A cross-sectional study. <i>Journal of the American Academy of Dermatology</i> , 2019 , 81, 963-969.e2	4.5	13
571	Genetic predisposition, modifiable-risk-factor profile and long-term dementia risk in the general population. <i>Nature Medicine</i> , 2019 , 25, 1364-1369	50.5	62
570	Validated inference of smoking habits from blood with a finite DNA methylation marker set. <i>European Journal of Epidemiology</i> , 2019 , 34, 1055-1074	12.1	10
569	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019 , 10, 4130	17.4	43
568	Development and verification of prediction models for preventing cardiovascular diseases. <i>PLoS ONE</i> , 2019 , 14, e0222809	3.7	6
567	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019 , 51, 1459-1474	36.3	122

566	Quantitative gait, cognitive decline, and incident dementia: The Rotterdam Study. <i>Alzheimeris and Dementia</i> , 2019 , 15, 1264-1273	1.2	13
565	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019 , 188, 1033-1054	3.8	39
564	Kidney Function and the Risk of Stroke and Dementia: The Rotterdam Study. <i>Journal of Alzheimeris Disease</i> , 2019 , 67, 821-826	4.3	7
563	Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , 2019 , 10, 376	17.4	41
562	Age at natural menopause and life expectancy with and without type 2 diabetes. <i>Menopause</i> , 2019 , 26, 387-394	2.5	9
561	Lifetime risk and multimorbidity of non-communicable diseases and disease-free life expectancy in the general population: A population-based cohort study. <i>PLoS Medicine</i> , 2019 , 16, e1002741	11.6	44
560	Patterns of functional connectivity in an aging population: The Rotterdam Study. <i>NeuroImage</i> , 2019 , 189, 432-444	7.9	49
559	Multi-Site Meta-Analysis of Morphometry. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2019 , 16, 1508-1514	3	4
558	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	5.6	5
557	Association of dietary folate and vitamin B-12 intake with genome-wide DNA methylation in blood: a large-scale epigenome-wide association analysis in 5841 individuals. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 437-450	7	22
556	Diagnostic value of symptoms in chronic polyneuropathy: The Erasmus Polyneuropathy Symptom Score. <i>Journal of the Peripheral Nervous System</i> , 2019 , 24, 235-241	4.7	2
555	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. <i>American Journal of Human Genetics</i> , 2019 , 105, 15-28	11	12
554	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019 , 51, 957-972	36.3	217
553	Search for Early Pancreatic Cancer Blood Biomarkers in Five European Prospective Population Biobanks Using Metabolomics. <i>Endocrinology</i> , 2019 , 160, 1731-1742	4.8	12
552	Nonalcoholic Fatty Liver Disease in The Rotterdam Study: About Muscle Mass, Sarcopenia, Fat Mass, and Fat Distribution. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 1254-1263	6.3	24
551	Vertebrobasilar artery calcification: Prevalence and risk factors in the general population. <i>Atherosclerosis</i> , 2019 , 286, 46-52	3.1	19
550	Quantification of biological age as a determinant of age-related diseases in the Rotterdam Study: a structural equation modeling approach. <i>European Journal of Epidemiology</i> , 2019 , 34, 793-799	12.1	12
549	Sleep and risk of parkinsonism and Parkinson's disease: a population-based study. <i>Brain</i> , 2019 , 142, 2013-2022	25	25

548	Kidney Function and Arterial Calcification in Major Vascular Beds. <i>Journal of the American Heart Association</i> , 2019 , 8, e010930	6	5
547	Impact of cumulative SBP and serious adverse events on efficacy of intensive blood pressure treatment: a randomized clinical trial. <i>Journal of Hypertension</i> , 2019 , 37, 1058-1069	1.9	7
546	Interpretation of Studies on the Occurrence of Atrial Fibrillation in Elite Athletes. <i>JAMA Cardiology</i> , 2019 , 4, 392	16.2	
545	Animal foods and postmenopausal breast cancer risk: a prospective cohort study. <i>British Journal of Nutrition</i> , 2019 , 122, 583-591	3.6	7
544	Translational research on reserve against neurodegenerative disease: consensus report of the International Conference on Cognitive Reserve in the Dementias and the Alzheimer's Association Reserve, Resilience and Protective Factors Professional Interest Area working groups. <i>BMC Medicine</i> , 2019 , 17, 47	11.4	43
543	Revisiting the Role of Insulin-Like Growth Factor-I Receptor Stimulating Activity and the Apolipoprotein E in Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 20	5.3	17
542	Independent Multiple Factor Association Analysis for Multiblock Data in Imaging Genetics. <i>Neuroinformatics</i> , 2019 , 17, 583-592	3.2	2
541	The incidence of mild cognitive impairment: A systematic review and data synthesis. <i>Alzheimeris and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019 , 11, 248-256	5.2	41
540	Global Brain Perfusion and the Risk of Transient Ischemic Attack and Ischemic Stroke: The Rotterdam Study. <i>Journal of the American Heart Association</i> , 2019 , 8, e011565	6	9
539	The Epistasis Project: A Multi-Cohort Study of the Effects of BDNF, DBH, and SORT1 Epistasis on Alzheimer's Disease Risk. <i>Journal of Alzheimeris Disease</i> , 2019 , 68, 1535-1547	4.3	5
538	Association of variants in HTRA1 and NOTCH3 with MRI-defined extremes of cerebral small vessel disease in older subjects. <i>Brain</i> , 2019 , 142, 1009-1023	11.2	21
537	Harmonizing brain magnetic resonance imaging methods for vascular contributions to neurodegeneration. <i>Alzheimeris and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019 , 11, 191-204	5.2	33
536	Genome-Wide Association Studies Identify Multiple Genetic Loci Influencing Eyebrow Color Variation in Europeans. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 1601-1605	4.3	10
535	The disjunctive cause criterion by VanderWeele: An easy solution to a complex problem?. <i>European Journal of Epidemiology</i> , 2019 , 34, 223-224	12.1	3
534	Association of migraine with calcification in major vessel beds: The Rotterdam Study. <i>Cephalalgia</i> , 2019 , 39, 1041-1048	6.1	1
533	Questionnaire survey on cardiologists' view and management of coronary microvascular disease in clinical practice. <i>Netherlands Heart Journal</i> , 2019 , 27, 252-262	2.2	3
532	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019 , 51, 636-648	36.3	59
531	Balance between innate versus adaptive immune system and the risk of dementia: a population-based cohort study. <i>Journal of Neuroinflammation</i> , 2019 , 16, 68	10.1	25

530	Risk factors for longitudinal changes in left ventricular diastolic function among women and men. <i>Heart</i> , 2019 , 105, 1414-1422	5.1	5
529	Full exploitation of high dimensionality in brain imaging: The JPND working group statement and findings. <i>Alzheimeris and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019 , 11, 286-290	5.2	1
528	Large-scale plasma metabolome analysis reveals alterations in HDL metabolism in migraine. <i>Neurology</i> , 2019 , 92, e1899-e1911	6.5	26
527	Detection of mild cognitive impairment in a community-dwelling population using quantitative, multiparametric MRI-based classification. <i>Human Brain Mapping</i> , 2019 , 40, 2711-2722	5.9	5
526	Newborn DNA-methylation, childhood lung function, and the risks of asthma and COPD across the life course. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	32
525	Sleep complaints and cerebral white matter: A prospective bidirectional study. <i>Journal of Psychiatric Research</i> , 2019 , 112, 77-82	5.2	11
524	Predicting Global Cognitive Decline in the General Population Using the Disease State Index. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 379	5.3	1
523	Association of dietary macronutrient composition and non-alcoholic fatty liver disease in an ageing population: the Rotterdam Study. <i>Gut</i> , 2019 , 68, 1088-1098	19.2	57
522	EIF2AK3 variants in Dutch patients with Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019 , 73, 229.e11-229.e18	29.6	187
521	A metabolic profile of all-cause mortality risk identified in an observational study of 44,168 individuals. <i>Nature Communications</i> , 2019 , 10, 3346	17.4	89
520	Vitamin D Status and Risk of Stroke: The Rotterdam Study. <i>Stroke</i> , 2019 , 50, 2293-2298	6.7	24
519	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019 , 2, 285	6.7	14
518	Dietary antioxidant capacity and risk of type 2 diabetes mellitus, prediabetes and insulin resistance: the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2019 , 34, 853-861	12.1	32
517	High-Dimensional Mapping of Cognition to the Brain Using Voxel-Based Morphometry and Subcortical Shape Analysis. <i>Journal of Alzheimeris Disease</i> , 2019 , 71, 141-152	4.3	1
516	Potential Interplay between Dietary Saturated Fats and Genetic Variants of the NLRP3 Inflammasome to Modulate Insulin Resistance and Diabetes Risk: Insights from a Meta-Analysis of 19005 Individuals. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1900226	5.9	11
515	Body Composition Is Not Related to Structural or Vascular Brain Changes. <i>Frontiers in Neurology</i> , 2019 , 10, 559	4.1	6
514	Hemoglobin and anemia in relation to dementia risk and accompanying changes on brain MRI. <i>Neurology</i> , 2019 , 93, e917-e926	6.5	32
513	Epidemiology of Vascular Dementia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 1542-1549	9.4	84

512	A functional variant in the miR-142 promoter modulating its expression and conferring risk of Alzheimer disease. <i>Human Mutation</i> , 2019 , 40, 2131-2145	4.7	15
511	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	5.6	5
510	The impact of APOE genotype on survival: Results of 38,537 participants from six population-based cohorts (E2-CHARGE). <i>PLoS ONE</i> , 2019 , 14, e0219668	3.7	31
509	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	7
508	Intestinal microbiome composition and its relation to joint pain and inflammation. <i>Nature Communications</i> , 2019 , 10, 4881	17.4	73
507	Genome-wide association meta-analysis identifies five novel loci for age-related hearing impairment. <i>Scientific Reports</i> , 2019 , 9, 15192	4.9	14
506	Carotid Atherosclerosis Is Associated With Poorer Hearing in Older Adults. <i>Journal of the American Medical Directors Association</i> , 2019 , 20, 1617-1622.e1	5.9	6
505	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	11.5	62
504	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019 , 10, 4957	17.4	40
503	Variation in blood pressure and long-term risk of dementia: A population-based cohort study. <i>PLoS Medicine</i> , 2019 , 16, e1002933	11.6	25
502	Diet-Dependent Acid Load-The Missing Link Between an Animal Protein-Rich Diet and Nonalcoholic Fatty Liver Disease?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 6325-6337	5.6	8
501	Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. <i>Nature Communications</i> , 2019 , 10, 5121	17.4	31
500	Thyroid function and life expectancy with and without noncommunicable diseases: A population-based study. <i>PLoS Medicine</i> , 2019 , 16, e1002957	11.6	5
499	The association between obesity, diet quality and hearing loss in older adults. <i>Aging</i> , 2019 , 11, 48-62	5.6	11
498	Alzheimer's disease as a multistage process: an analysis from a population-based cohort study. <i>Aging</i> , 2019 , 11, 1163-1176	5.6	7
497	Genetic variation underlying cognition and its relation with neurological outcomes and brain imaging. <i>Aging</i> , 2019 , 11, 1440-1456	5.6	1
496	Differences in topological progression profile among neurodegenerative diseases from imaging data. <i>ELife</i> , 2019 , 8,	8.9	8
495	Novel genetic loci affecting facial shape variation in humans. <i>ELife</i> , 2019 , 8,	8.9	22

494	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	0.9	8
493	Automated Lesion Detection by Regressing Intensity-Based Distance with a Neural Network. <i>Lecture Notes in Computer Science</i> , 2019 , 234-242	0.9	9
492	Hydranet: Data Augmentation for Regression Neural Networks. <i>Lecture Notes in Computer Science</i> , 2019 , 438-446	0.9	1
491	Equivalence of LD-Score Regression and Individual-Level-Data Methods 2019 ,		8
490	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A β tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019 , 51, 414-430	36.3	917
489	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. <i>Nature Genetics</i> , 2019 , 51, 452-469	36.3	44
488	Prevalence and clinical relevance of diffusion-weighted imaging lesions: The Rotterdam study. <i>Neurology</i> , 2019 , 93, e1058-e1067	6.5	11
487	O3-05-01: GENETIC PREDISPOSITION, MODIFIABLE RISK FACTOR PROFILE, AND LONG-TERM DEMENTIA RISK IN THE GENERAL POPULATION 2019 , 15, P889-P890		
486	Relationship between gut microbiota and circulating metabolites in population-based cohorts. <i>Nature Communications</i> , 2019 , 10, 5813	17.4	63
485	Diet quality and chronic axonal polyneuropathy: a population-based study. <i>Annals of Clinical and Translational Neurology</i> , 2019 , 6, 2460-2467	5.3	2
484	Extending Applicability of Risk Prediction Models: Response to Naparstek et al. <i>American Journal of Psychiatry</i> , 2019 , 176, 1050-1051	11.9	
483	Plant-based Diet and Adiposity Over Time in a Middle-aged and Elderly Population: The Rotterdam Study. <i>Epidemiology</i> , 2019 , 30, 303-310	3.1	20
482	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	4.1	6
481	P4152 Implications of the ACC/AHA risk score for heart failure risk prediction and its comparison with existing heart failure risk prediction models: A prospective population-based cohort study. <i>European Heart Journal</i> , 2019 , 40,	9.5	1
480	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636	36.3	81
479	Diet as a risk factor for antimicrobial resistance in community-acquired urinary tract infections in a middle-aged and elderly population: a case-control study. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 613-619	9.5	3
478	Clinical interpretation of negative mediated interaction. <i>International Journal of Epidemiology</i> , 2019 , 48, 1286-1293	7.8	1
477	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. <i>American Journal of Human Genetics</i> , 2019 , 104, 112-138	11	54

476	The neutrophil-to-lymphocyte ratio is associated with mortality in the general population: The Rotterdam Study. <i>European Journal of Epidemiology</i> , 2019 , 34, 463-470	12.1	43
475	3D regression neural network for the quantification of enlarged perivascular spaces in brain MRI. <i>Medical Image Analysis</i> , 2019 , 51, 89-100	15.4	25
474	Range of Normal Liver Stiffness and Factors Associated With Increased Stiffness Measurements in Apparently Healthy Individuals. <i>Clinical Gastroenterology and Hepatology</i> , 2019 , 17, 54-64.e1	6.9	31
473	Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. <i>Neurology</i> , 2019 ,	6.5	17
472	Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences. <i>Nature Genetics</i> , 2019 , 51, 245-257	36.3	259
471	Relationship of Estimated GFR and Albuminuria to Concurrent Laboratory Abnormalities: An Individual Participant Data Meta-analysis in a Global Consortium. <i>American Journal of Kidney Diseases</i> , 2019 , 73, 206-217	7.4	25
470	Life Expectancy With and Without Dementia: A Population-Based Study of Dementia Burden and Preventive Potential. <i>American Journal of Epidemiology</i> , 2019 , 188, 372-381	3.8	17
469	Enlarged perivascular spaces in brain MRI: Automated quantification in four regions. <i>NeuroImage</i> , 2019 , 185, 534-544	7.9	37
468	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	11.9	34
467	Serum 25-hydroxyvitamin D is associated with advanced glycation end products (AGEs) measured as skin autofluorescence: The Rotterdam Study. <i>European Journal of Epidemiology</i> , 2019 , 34, 67-77	12.1	9
466	Are Bone Mineral Density and Fractures Related to the Incidence and Progression of Radiographic Osteoarthritis of the Knee, Hip, and Hand in Elderly Men and Women? The Rotterdam Study. <i>Arthritis and Rheumatology</i> , 2019 , 71, 361-369	9.5	14
465	Lifetime risk of common neurological diseases in the elderly population. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019 , 90, 148-156	5.5	30
464	Chronic obstructive pulmonary disease and the development of atrial fibrillation. <i>International Journal of Cardiology</i> , 2019 , 276, 118-124	3.2	23
463	A healthy diet in women is associated with less facial wrinkles in a large Dutch population-based cohort. <i>Journal of the American Academy of Dermatology</i> , 2019 , 80, 1358-1363.e2	4.5	12
462	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	15.1	30
461	Erythrocyte sedimentation rate as an independent prognostic marker for mortality: a prospective population-based cohort study. <i>Journal of Internal Medicine</i> , 2019 , 285, 341-348	10.8	2
460	Association of branched-chain amino acids and other circulating metabolites with risk of incident dementia and Alzheimer's disease: A prospective study in eight cohorts. <i>Alzheimer's and Dementia</i> , 2018 , 14, 723-733	1.2	90
459	Microvascular endothelial function and cognitive performance: The ELSA-Brasil cohort study. <i>Vascular Medicine</i> , 2018 , 23, 212-218	3.3	4

458	Disentangling the biological pathways involved in early features of Alzheimer's disease in the Rotterdam Study. <i>Alzheimeris and Dementia</i> , 2018 , 14, 848-857	1.2	23
457	Coronary heart disease, heart failure, and the risk of dementia: A systematic review and meta-analysis. <i>Alzheimeris and Dementia</i> , 2018 , 14, 1493-1504	1.2	58
456	Sarcopenia and Its Clinical Correlates in the General Population: The Rotterdam Study. <i>Journal of Bone and Mineral Research</i> , 2018 , 33, 1209-1218	6.3	28
455	The association between lifestyle and overall health, using the frailty index. <i>Archives of Gerontology and Geriatrics</i> , 2018 , 76, 85-91	4	18
454	Genome-wide association meta-analysis of individuals of European ancestry identifies new loci explaining a substantial fraction of hair color variation and heritability. <i>Nature Genetics</i> , 2018 , 50, 652-658	36.3	59
453	Genome-wide association study identifies nine novel loci for 2D:4D finger ratio, a putative retrospective biomarker of testosterone exposure in utero. <i>Human Molecular Genetics</i> , 2018 , 27, 2025-2038	5.6	27
452	Von Willebrand factor and ADAMTS13 activity in relation to risk of dementia: a population-based study. <i>Scientific Reports</i> , 2018 , 8, 5474	4.9	12
451	Asthma and its comorbidities in middle-aged and older adults; the Rotterdam Study. <i>Respiratory Medicine</i> , 2018 , 139, 6-12	4.6	19
450	Meditation and yoga practice are associated with smaller right amygdala volume: the Rotterdam study. <i>Brain Imaging and Behavior</i> , 2018 , 12, 1631-1639	4.1	16
449	A systematic analysis highlights multiple long non-coding RNAs associated with cardiometabolic disorders. <i>Journal of Human Genetics</i> , 2018 , 63, 431-446	4.3	14
448	Genome-wide association study in 79,366 European-ancestry individuals informs the genetic architecture of 25-hydroxyvitamin D levels. <i>Nature Communications</i> , 2018 , 9, 260	17.4	174
447	Prolonged Grief and Cognitive Decline: A Prospective Population-Based Study in Middle-Aged and Older Persons. <i>American Journal of Geriatric Psychiatry</i> , 2018 , 26, 451-460	6.5	16
446	Circulating metabolites and general cognitive ability and dementia: Evidence from 11 cohort studies. <i>Alzheimeris and Dementia</i> , 2018 , 14, 707-722	1.2	76
445	High Circulating Free Thyroxine Levels May Increase the Risk of Frailty: The Rotterdam Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 328-335	5.6	16
444	Meta-analysis of epigenome-wide association studies of cognitive abilities. <i>Molecular Psychiatry</i> , 2018 , 23, 2133-2144	15.1	46
443	12 Year Trajectories of Depressive Symptoms in Community-Dwelling Older Adults and the Subsequent Risk of Death Over 13 Years. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 820-827	6.4	18
442	Life-Course Genome-wide Association Study Meta-analysis of Total Body BMD and Assessment of Age-Specific Effects. <i>American Journal of Human Genetics</i> , 2018 , 102, 88-102	11	119
441	Systemic and Ocular Determinants of Peripapillary Retinal Nerve Fiber Layer Thickness Measurements in the European Eye Epidemiology (E3) Population. <i>Ophthalmology</i> , 2018 , 125, 1526-1538	7.3	41

440	Common Variant Burden Contributes to the Familial Aggregation of Migraine in 1,589 Families. <i>Neuron</i> , 2018 , 98, 743-753.e4	13.9	42
439	Inflammatory markers and the risk of dementia and Alzheimer's disease: A meta-analysis. <i>Alzheimeris and Dementia</i> , 2018 , 14, 1450-1459	1.2	73
438	Response by Wolters and Ikram to Letter Regarding Article, "Cerebral Perfusion and the Risk of Dementia: A Population-Based Study". <i>Circulation</i> , 2018 , 137, 1416-1417	16.7	1
437	Genetic Determinants of Circulating Estrogen Levels and Evidence of a Causal Effect of Estradiol on Bone Density in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 991-1004	5.6	37
436	Sex steroids, sex hormone-binding globulin and levels of N-terminal pro-brain natriuretic peptide in postmenopausal women. <i>International Journal of Cardiology</i> , 2018 , 261, 189-195	3.2	15
435	Kidney function, gait pattern and fall in the general population: a cohort study. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, 2165-2172	4.3	7
434	The effect of APOE and other common genetic variants on the onset of Alzheimer's disease and dementia: a community-based cohort study. <i>Lancet Neurology</i> , 2018 , 17, 434-444	24.1	101
433	Seasonality of Insulin Resistance, Glucose, and Insulin Among Middle-Aged and Elderly Population: The Rotterdam Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 946-955	5.6	10
432	Metabolic profiling of intra- and extracranial carotid artery atherosclerosis. <i>Atherosclerosis</i> , 2018 , 272, 60-65	3.1	21
431	Heritability and genome-wide associations studies of cerebral blood flow in the general population. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 1598-1608	7.3	8
430	Osteoporotic Vertebral Fracture Prevalence Varies Widely Between Qualitative and Quantitative Radiological Assessment Methods: The Rotterdam Study. <i>Journal of Bone and Mineral Research</i> , 2018 , 33, 560-568	6.3	44
429	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	15.7	26
428	Age-dependent association of thyroid function with brain morphology and microstructural organization: evidence from brain imaging. <i>Neurobiology of Aging</i> , 2018 , 61, 44-51	5.6	9
427	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	5.6	16
426	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	9.5	25
425	Enlarged perivascular spaces and cognition: A meta-analysis of 5 population-based studies. <i>Neurology</i> , 2018 , 91, e832-e842	6.5	44
424	Plasma amyloid- β levels, cerebral atrophy and risk of dementia: a population-based study. <i>Alzheimeris Research and Therapy</i> , 2018 , 10, 63	9	25
423	Exome Chip Analysis Identifies Low-Frequency and Rare Variants in MRPL38 for White Matter Hyperintensities on Brain Magnetic Resonance Imaging. <i>Stroke</i> , 2018 , 49, 1812-1819	6.7	10

4 ²²	Professional occupation and the risk of Parkinson's disease. <i>European Journal of Neurology</i> , 2018 , 25, 1470-1476	6	6
4 ²¹	Molecular genetic overlap between migraine and major depressive disorder. <i>European Journal of Human Genetics</i> , 2018 , 26, 1202-1216	5.3	32
4 ²⁰	Reference values for white blood-cell-based inflammatory markers in the Rotterdam Study: a population-based prospective cohort study. <i>Scientific Reports</i> , 2018 , 8, 10566	4.9	75
4 ¹⁹	Genome-wide association study in 176,678 Europeans reveals genetic loci for tanning response to sun exposure. <i>Nature Communications</i> , 2018 , 9, 1684	17.4	51
4 ¹⁸	External validation of four dementia prediction models for use in the general community-dwelling population: a comparative analysis from the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2018 , 33, 645-655	12.1	35
4 ¹⁷	Cancer and dementia: Two sides of the same coin?. <i>European Journal of Clinical Investigation</i> , 2018 , 48, e13019	4.6	26
4 ¹⁶	Male-specific epistasis between WWC1 and TLN2 genes is associated with Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018 , 72, 188.e3-188.e12	5.6	13
4 ¹⁵	Thiazide but not loop diuretics is associated with hypomagnesaemia in the general population. <i>Pharmacoepidemiology and Drug Safety</i> , 2018 , 27, 1166-1173	2.6	15
4 ¹⁴	Cognitive Impairment, Sexual Activity and Physical Tenderness in Community-Dwelling Older Adults: A Cross-Sectional Exploration. <i>Gerontology</i> , 2018 , 64, 589-602	5.5	15
4 ¹³	Disconnection due to white matter hyperintensities is associated with lower cognitive scores. <i>NeuroImage</i> , 2018 , 183, 745-756	7.9	18
4 ¹²	Thyroid function and atrial fibrillation: Is there a mediating role for epicardial adipose tissue?. <i>Clinical Epidemiology</i> , 2018 , 10, 225-234	5.9	1
4 ¹¹	Three Decades of Dementia Research: Insights from One Small Community of Indomitable Rotterdammers. <i>Journal of Alzheimer's Disease</i> , 2018 , 64, S145-S159	4.3	1
4 ¹⁰	Standard process-oriented workflow introduces pre-analytical error when used in large study sample batches. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018 , 56, e277-e279	5.9	
4 ⁰⁹	Physical activity types and atrial fibrillation risk in the middle-aged and elderly: The Rotterdam Study. <i>European Journal of Preventive Cardiology</i> , 2018 , 25, 1316-1323	3.9	11
4 ⁰⁸	Subjective Sleep Quality is not Associated with Incident Dementia: The Rotterdam Study. <i>Journal of Alzheimer's Disease</i> , 2018 , 64, 239-247	4.3	19
4 ⁰⁷	Fracture incidence and secular trends between 1989 and 2013 in a population based cohort: The Rotterdam Study. <i>Bone</i> , 2018 , 114, 116-124	4.7	39
4 ⁰⁶	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018 , 13, e0198166	3.7	31
4 ⁰⁵	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 2018 , 3, 4	4.8	16

404	Primary prevention of cardiovascular disease: The past, present, and future of blood pressure- and cholesterol-lowering treatments. <i>PLoS Medicine</i> , 2018 , 15, e1002539	11.6	7
403	A spatio-temporal reference model of the aging brain. <i>NeuroImage</i> , 2018 , 169, 11-22	7.9	34
402	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018 , 50, 26-41	36.3	186
401	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. <i>Nature Genetics</i> , 2018 , 50, 524-537	36.3	536
400	Depressive symptoms prior to and after incident cardiovascular disease and long-term survival. A population-based study of older persons. <i>Depression and Anxiety</i> , 2018 , 35, 18-31	8.4	6
399	Assessing gaps in cholesterol treatment guidelines for primary prevention of cardiovascular disease based on available randomised clinical trial evidence: The Rotterdam Study. <i>European Journal of Preventive Cardiology</i> , 2018 , 25, 420-431	3.9	9
398	Genetic variants associated with earlier age at menopause increase the risk of cardiovascular events in women. <i>Menopause</i> , 2018 , 25, 451-457	2.5	12
397	Dietary patterns and changes in frailty status: the Rotterdam study. <i>European Journal of Nutrition</i> , 2018 , 57, 2365-2375	5.2	20
396	Consensus statement on current and emerging methods for the diagnosis and evaluation of cerebrovascular disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 1391-1417	7.3	33
395	F3-02-02: CIRCULATING METABOLITES ASSOCIATION WITH ALZHEIMER'S DISEASE ASSOCIATED GENETIC VARIANTS 2018 , 14, P997-P998		
394	P3-246: C-REACTIVE PROTEIN, PLASMA AMYLOID BETA LEVELS AND MRI MARKERS: THE ROTTERDAM STUDY 2018 , 14, P1166-P1167		1
393	O3-09-04: PLASMA AMYLOID β LEVELS, CEREBRAL ATROPHY AND DEMENTIA RISK: THE ROTTERDAM STUDY 2018 , 14, P1037-P1038		
392	O5-04-05: GENETIC VARIATION UNDERLYING COGNITION AND ITS RELATION WITH NEUROLOGICAL OUTCOMES 2018 , 14, P1652-P1653		
391	P3-134: CIRCULATING METABOLITES ARE ASSOCIATED WITH WHITE MATTER HYPERINTENSITIES 2018 , 14, P1119-P1119		
390	P3-436: MECHANISTIC PROFILES OF NEURODEGENERATION: A STUDY IN ALZHEIMER'S DISEASE, HEALTHY AGEING AND PRIMARY PROGRESSIVE MULTIPLE SCLEROSIS 2018 , 14, P1280-P1281		
389	O1-05-01: TRENDS IN INCIDENCE OF DEMENTIA AND ALZHEIMER'S DISEASE: RESULTS OF THE ALZHEIMER COHORTS CONSORTIUM 2018 , 14, P227-P227		
388	O3-03-03: EPIGENOME-WIDE ASSOCIATION STUDIES IMPLICATE GENES INVOLVED IN GLIAL CELL FUNCTION AND VIRAL RESPONSE IN CEREBRAL WHITE MATTER HYPERINTENSITIES 2018 , 14, P1015-P1016		
387	Association of Blood Pressure and Arterial Stiffness With Cognition in 2 Population-Based Child and Adult Cohorts. <i>Journal of the American Heart Association</i> , 2018 , 7, e009847	6	18

386	Novel pleiotropic risk loci for melanoma and nevus density implicate multiple biological pathways. <i>Nature Communications</i> , 2018 , 9, 4774	17.4	47
385	Inflammation markers and cognitive performance in breast cancer survivors 20 years after completion of chemotherapy: a cohort study. <i>Breast Cancer Research</i> , 2018 , 20, 135	8.3	50
384	Blood Metabolomic Measures Associate With Present and Future Glycemic Control in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 4569-4579	5.6	18
383	P4-042: HIGH-DIMENSIONAL ANALYSIS OF RNA EXPRESSION WITH CORTICAL THICKNESS 2018 , 14, P1449-P1449		
382	O3-11-01: USE OF BLOOD PRESSURE-LOWERING DRUGS AND RISK OF INCIDENT DEMENTIA AND ALZHEIMER'S DISEASE IN OLDER PEOPLE WITH AND WITHOUT HIGH BLOOD PRESSURE: A META-ANALYSIS OF INDIVIDUAL PARTICIPANT DATA FROM PROSPECTIVE COHORT STUDIES 2018 , 14, P1045-P1046		
381	Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. <i>Nature Genetics</i> , 2018 , 50, 1505-1513	36.3	675
380	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. <i>Nature Communications</i> , 2018 , 9, 3945	17.4	16
379	FP043RENAL CYSTS IN THE GENERAL POPULATION: ASSOCIATIONS WITH KIDNEY FUNCTION AND MORTALITY. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, i62-i62	4.3	
378	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. <i>Nature Communications</i> , 2018 , 9, 4455	17.4	75
377	C-Reactive Protein, Plasma Amyloid- β Levels, and Their Interaction With Magnetic Resonance Imaging Markers. <i>Stroke</i> , 2018 , 49, 2692-2698	6.7	20
376	Practical Small Vessel Disease Score Relates to Stroke, Dementia, and Death. <i>Stroke</i> , 2018 , 49, 2857-2865	6.7	30
375	Rare gene deletions in genetic generalized and Rolandic epilepsies. <i>PLoS ONE</i> , 2018 , 13, e0202022	3.7	3
374	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018 , 9, 2098	17.4	254
373	Mild Cognitive Impairment and Dementia Show Contrasting Associations with Risk of Cancer. <i>Neuroepidemiology</i> , 2018 , 50, 207-215	5.4	9
372	Better diet quality relates to larger brain tissue volumes: The Rotterdam Study. <i>Neurology</i> , 2018 , 90, e2166-e2173	6.5	31
371	Common Carotid Artery Diameter and Risk of Cardiovascular Events and Mortality: Pooled Analyses of Four Cohort Studies. <i>Hypertension</i> , 2018 , 72, 85-92	8.5	28
370	Cerebral small vessel disease and the risk of dementia: A systematic review and meta-analysis of population-based evidence. <i>Alzheimeris and Dementia</i> , 2018 , 14, 1482-1492	1.2	70
369	Subregional volumes of the hippocampus in relation to cognitive function and risk of dementia. <i>NeuroImage</i> , 2018 , 178, 129-135	7.9	43

368	Predictive value for cardiovascular events of common carotid intima media thickness and its rate of change in individuals at high cardiovascular risk - Results from the PROG-IMT collaboration. <i>PLoS ONE</i> , 2018 , 13, e0191172	3.7	31
367	Plant versus animal based diets and insulin resistance, prediabetes and type 2 diabetes: the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2018 , 33, 883-893	12.1	93
366	The AGES-Reykjavik Study suggests that change in kidney measures is associated with subclinical brain pathology in older community-dwelling persons. <i>Kidney International</i> , 2018 , 94, 608-615	9.9	5
365	Broadening the scope of epidemiologic dementia research. <i>European Journal of Epidemiology</i> , 2018 , 33, 617-620	12.1	2
364	Helicobacter pylori and the risk of dementia: A population-based study. <i>Alzheimeris and Dementia</i> , 2018 , 14, 1377-1382	1.2	22
363	Thinner retinal layers are associated with changes in the visual pathway: A population-based study. <i>Human Brain Mapping</i> , 2018 , 39, 4290-4301	5.9	14
362	Association of Retinal Neurodegeneration on Optical Coherence Tomography With Dementia: A Population-Based Study. <i>JAMA Neurology</i> , 2018 , 75, 1256-1263	17.2	82
361	Genome-wide association meta-analysis in 269,867 individuals identifies new genetic and functional links to intelligence. <i>Nature Genetics</i> , 2018 , 50, 912-919	36.3	475
360	Cortical abnormalities in adults and adolescents with major depression based on brain scans from 20 cohorts worldwide in the ENIGMA Major Depressive Disorder Working Group. <i>Molecular Psychiatry</i> , 2017 , 22, 900-909	15.1	514
359	Simple Test of Manual Dexterity Can Help to Identify Persons at High Risk for Neurodegenerative Diseases in the Community. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 75-81	6.4	19
358	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017 , 8, 13624	17.4	173
357	Development of a Healthy Aging Score in the Population-Based Rotterdam Study: Evaluating Age and Sex Differences. <i>Journal of the American Medical Directors Association</i> , 2017 , 18, 276.e1-276.e7	5.9	16
356	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017 , 542, 186-190	50.4	412
355	Gray matter heritability in family-based and population-based studies using voxel-based morphometry. <i>Human Brain Mapping</i> , 2017 , 38, 2408-2423	5.9	7
354	Impact of physical activity on the association of overweight and obesity with cardiovascular disease: The Rotterdam Study. <i>European Journal of Preventive Cardiology</i> , 2017 , 24, 934-941	3.9	46
353	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	5.6	9
352	Novel inflammatory markers for incident pre-diabetes and type 2 diabetes: the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2017 , 32, 217-226	12.1	30
351	High body mass and kidney dysfunction relate to worse nerve function, even in adults without neuropathy. <i>Journal of the Peripheral Nervous System</i> , 2017 , 22, 112-120	4.7	15

350	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. <i>Nature Genetics</i> , 2017 , 49, 834-841	36.3	257
349	Genetics of vascular dementia - review from the ICVD working group. <i>BMC Medicine</i> , 2017 , 15, 48	11.4	39
348	The changing prevalence and incidence of dementia over time - current evidence. <i>Nature Reviews Neurology</i> , 2017 , 13, 327-339	15	319
347	Dementia and death: Separate sides of the atrial fibrillation coin?. <i>International Journal of Cardiology</i> , 2017 , 227, 189	3.2	1
346	A common haplotype lowers PU.1 expression in myeloid cells and delays onset of Alzheimer's disease. <i>Nature Neuroscience</i> , 2017 , 20, 1052-1061	25.5	228
345	Coffee and herbal tea consumption is associated with lower liver stiffness in the general population: The Rotterdam study. <i>Journal of Hepatology</i> , 2017 , 67, 339-348	13.4	47
344	Cerebral Perfusion and the Risk of Dementia: A Population-Based Study. <i>Circulation</i> , 2017 , 136, 719-728	16.7	203
343	Genome-wide association meta-analysis of 78,308 individuals identifies new loci and genes influencing human intelligence. <i>Nature Genetics</i> , 2017 , 49, 1107-1112	36.3	280
342	Characterization of pathogenic SORL1 genetic variants for association with Alzheimer's disease: a clinical interpretation strategy. <i>European Journal of Human Genetics</i> , 2017 , 25, 973-981	5.3	62
341	The Revised Framingham Stroke Risk Profile in a Primary Prevention Population: The Rotterdam Study. <i>Circulation</i> , 2017 , 135, 2207-2209	16.7	6
340	Polyneuropathy relates to impairment in daily activities, worse gait, and fall-related injuries. <i>Neurology</i> , 2017 , 89, 76-83	6.5	18
339	Smoking, APOE Genotype, and Cognitive Decline: The Rotterdam Study. <i>Journal of Alzheimer's Disease</i> , 2017 , 57, 1191-1195	4.3	13
338	Parental family history of dementia in relation to subclinical brain disease and dementia risk. <i>Neurology</i> , 2017 , 88, 1642-1649	6.5	27
337	Relation of antioxidant capacity of diet and markers of oxidative status with C-reactive protein and adipocytokines: a prospective study. <i>Metabolism: Clinical and Experimental</i> , 2017 , 71, 171-181	12.7	11
336	Subjective measures of health and all-cause mortality - the Rotterdam Study. <i>Psychological Medicine</i> , 2017 , 47, 1971-1980	6.9	9
335	Underestimation of pancreatic cancer in the national cancer registry - Reconsidering the incidence and survival rates. <i>European Journal of Cancer</i> , 2017 , 72, 186-191	7.5	37
334	Serum Levels of Apolipoproteins and Incident Type 2 Diabetes: A Prospective Cohort Study. <i>Diabetes Care</i> , 2017 , 40, 346-351	14.6	31
333	N-Terminal Pro-B-Type Natriuretic Peptide and Subclinical Brain Damage in the General Population. <i>Radiology</i> , 2017 , 283, 205-214	20.5	15

332	Genetic variation at 16q24.2 is associated with small vessel stroke. <i>Annals of Neurology</i> , 2017 , 81, 383-394	4.4	51
331	Homocysteine levels associate with subtle changes in leukocyte DNA methylation: an epigenome-wide analysis. <i>Epigenomics</i> , 2017 , 9, 1403-1422	4.4	4
330	The Rotterdam Study: 2018 update on objectives, design and main results. <i>European Journal of Epidemiology</i> , 2017 , 32, 807-850	12.1	296
329	Thyroid Function and the Risk of Atherosclerotic Cardiovascular Morbidity and Mortality: The Rotterdam Study. <i>Circulation Research</i> , 2017 , 121, 1392-1400	15.7	49
328	Association of Thyroid Function With Life Expectancy With and Without Cardiovascular Disease: The Rotterdam Study. <i>JAMA Internal Medicine</i> , 2017 , 177, 1650-1657	11.5	36
327	Trends in the incidence of dementia: design and methods in the Alzheimer Cohorts Consortium. <i>European Journal of Epidemiology</i> , 2017 , 32, 931-938	12.1	19
326	Plasma Amyloid- β Levels, Cerebral Small Vessel Disease, and Cognition: The Rotterdam Study. <i>Journal of Alzheimer's Disease</i> , 2017 , 60, 977-987	4.3	26
325	Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. <i>Nature Communications</i> , 2017 , 8, 910	17.4	78
324	APOE-related risk of mild cognitive impairment and dementia for prevention trials: An analysis of four cohorts. <i>PLoS Medicine</i> , 2017 , 14, e1002254	11.6	86
323	Adherence to the 2015 Dutch dietary guidelines and risk of non-communicable diseases and mortality in the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2017 , 32, 993-1005	12.1	73
322	Retinal neurodegeneration and brain MRI markers: the Rotterdam Study. <i>Neurobiology of Aging</i> , 2017 , 60, 183-191	5.6	40
321	Serum magnesium is associated with the risk of dementia. <i>Neurology</i> , 2017 , 89, 1716-1722	6.5	22
320	Age at natural menopause and risk of type 2 diabetes: a prospective cohort study. <i>Diabetologia</i> , 2017 , 60, 1951-1960	10.3	52
319	Population-specific genetic variation in large sequencing data sets: why more data is still better. <i>European Journal of Human Genetics</i> , 2017 , 25, 1173-1175	5.3	13
318	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017 , 49, 1373-1384	36.3	508
317	Low-Frequency Synonymous Coding Variation in CYP2R1 Has Large Effects on Vitamin D Levels and Risk of Multiple Sclerosis. <i>American Journal of Human Genetics</i> , 2017 , 101, 227-238	11	76
316	[P3048]: PLASMA AMYLOID BETA LEVELS, CEREBRAL SMALL-VESSEL DISEASES AND COGNITION: THE ROTTERDAM STUDY 2017 , 13, P1035-P1037		
315	Carotid Plaque Morphology and Ischemic Vascular Brain Disease on MRI. <i>American Journal of Neuroradiology</i> , 2017 , 38, 1776-1782	4.4	12

314	ADAMTS13 activity as a novel risk factor for incident type 2 diabetes mellitus: a population-based cohort study. <i>Diabetologia</i> , 2017 , 60, 280-286	10.3	11
313	Mild cognitive impairment and risk of depression and anxiety: A population-based study. <i>Alzheimeris and Dementia</i> , 2017 , 13, 130-139	1.2	47
312	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	15.1	35
311	[P1B51]: RISK SCORE FOR PREDICTION OF DEMENTIA RISK IN 10 YEARS AMONG OLDER ADULTS: A NORDIC POPULATION-BASED STUDY WITH THREE COHORTS 2017 , 13, P505-P505		
310	A Genome-Wide Scan for MicroRNA-Related Genetic Variants Associated With Primary Open-Angle Glaucoma 2017 , 58, 5368-5377		14
309	Genetically defined elevated homocysteine levels do not result in widespread changes of DNA methylation in leukocytes. <i>PLoS ONE</i> , 2017 , 12, e0182472	3.7	8
308	The complex genetics of gait speed: genome-wide meta-analysis approach. <i>Aging</i> , 2017 , 9, 209-246	5.6	16
307	Aortic Valve Calcification and the Risk of dementia: A Population-Based Study. <i>Journal of Alzheimeris Disease</i> , 2017 , 55, 893-897	4.3	5
306	Association of Coronary Artery Calcium Score vs Age With Cardiovascular Risk in Older Adults: An Analysis of Pooled Population-Based Studies. <i>JAMA Cardiology</i> , 2017 , 2, 986-994	16.2	49
305	Body shape index in comparison with other anthropometric measures in prediction of total and cause-specific mortality. <i>Journal of Epidemiology and Community Health</i> , 2016 , 70, 90-6	5.1	75
304	The N-terminal pro B-type natriuretic peptide, and risk of dementia and cognitive decline: a 10-year follow-up study in the general population. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 356-62	5.5	33
303	GWAS for executive function and processing speed suggests involvement of the CADM2 gene. <i>Molecular Psychiatry</i> , 2016 , 21, 189-197	15.1	85
302	A novel Alzheimer disease locus located near the gene encoding tau protein. <i>Molecular Psychiatry</i> , 2016 , 21, 108-17	15.1	175
301	Low ADAMTS-13 activity and the risk of coronary heart disease - a prospective cohort study: the Rotterdam Study. <i>Journal of Thrombosis and Haemostasis</i> , 2016 , 14, 2114-2120	15.4	26
300	O2-10-02: Genetic Determinants of MRI Subcortical Brain Structures: 24 Novel Loci Identified Through Gwas in 26,000 Persons 2016 , 12, P251-P251		
299	Amyloid-β transmission or unexamined bias?. <i>Nature</i> , 2016 , 537, E7-9	50.4	3
298	Thyroid function and the risk of dementia: The Rotterdam Study. <i>Neurology</i> , 2016 , 87, 1688-1695	6.5	61
297	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016 , 48, 1171-1184	36.3	251

296	Prestroke Vascular Pathology and the Risk of Recurrent Stroke and Poststroke Dementia. <i>Stroke</i> , 2016 , 47, 2119-22	6.7	34
295	Genome-wide identification of microRNA-related variants associated with risk of Alzheimer's disease. <i>Scientific Reports</i> , 2016 , 6, 28387	4.9	32
294	Prevalence and Prognostic Implications of Coronary Artery Calcification in Low-Risk Women: A Meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 2126-2134	27.4	79
293	Von Willebrand Factor, ADAMTS13, and the Risk of Mortality: The Rotterdam Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 2446-2451	9.4	38
292	HASE: Framework for efficient high-dimensional association analyses. <i>Scientific Reports</i> , 2016 , 6, 36076	4.9	11
291	The association of thyroid function and the risk of kidney function decline: a population-based cohort study. <i>European Journal of Endocrinology</i> , 2016 , 175, 653-660	6.5	22
290	Aortic Valve Calcification and Risk of Stroke: The Rotterdam Study. <i>Stroke</i> , 2016 , 47, 2859-2861	6.7	9
289	Asymmetric similarity-weighted ensembles for image segmentation 2016 ,		3
288	Structural Brain Alterations in Community Dwelling Individuals with Chronic Joint Pain. <i>American Journal of Neuroradiology</i> , 2016 , 37, 430-8	4.4	13
287	Apnea-hypopnea index, nocturnal arousals, oxygen desaturation and structural brain changes: A population-based study. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2016 , 1, 1-7	2.9	8
286	Association of Cerebral Microbleeds With Cognitive Decline and Dementia. <i>JAMA Neurology</i> , 2016 , 73, 934-43	17.2	185
285	Meta-analysis of 375,000 individuals identifies 38 susceptibility loci for migraine. <i>Nature Genetics</i> , 2016 , 48, 856-66	36.3	355
284	Trajectories of body mass index before the diagnosis of cardiovascular disease: a latent class trajectory analysis. <i>European Journal of Epidemiology</i> , 2016 , 31, 583-92	12.1	22
283	Trends in the Incidence of Parkinson Disease in the General Population: The Rotterdam Study. <i>American Journal of Epidemiology</i> , 2016 , 183, 1018-26	3.8	36
282	Markers of cerebral small vessel disease and severity of depression in the general population. <i>Psychiatry Research - Neuroimaging</i> , 2016 , 253, 1-6	2.9	18
281	The functions of estrogen receptor beta in the female brain: A systematic review. <i>Maturitas</i> , 2016 , 93, 41-57	5	29
280	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	20.5	76
279	Inflammatory markers and extent and progression of early atherosclerosis: Meta-analysis of individual-participant-data from 20 prospective studies of the PROG-IMT collaboration. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 194-205	3.9	60

278	Genome-Wide Association Analysis of Young-Onset Stroke Identifies a Locus on Chromosome 10q25 Near HABP2. <i>Stroke</i> , 2016 , 47, 307-16	6.7	39
277	Genetic loci for serum lipid fractions and intracerebral hemorrhage. <i>Atherosclerosis</i> , 2016 , 246, 287-92	3.1	7
276	Gene-based pleiotropy across migraine with aura and migraine without aura patient groups. <i>Cephalalgia</i> , 2016 , 36, 648-57	6.1	31
275	Heritability and Genome-Wide Association Analyses of Human Gait Suggest Contribution of Common Variants. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016 , 71, 740-6	6.4	12
274	Loci associated with ischaemic stroke and its subtypes (SiGN): a genome-wide association study. <i>Lancet Neurology</i> , 2016 , 15, 174-184	24.1	159
273	Retinal Microvascular Calibers Are Associated With Enlarged Perivascular Spaces in the Brain. <i>Stroke</i> , 2016 , 47, 1374-6	6.7	15
272	Anxiety and the Risk of Stroke: The Rotterdam Study. <i>Stroke</i> , 2016 , 47, 1120-3	6.7	5
271	Serum apolipoprotein E is associated with long-term risk of Alzheimer's disease: The Rotterdam Study. <i>Neuroscience Letters</i> , 2016 , 617, 139-42	3.3	20
270	The epidemiology and risk factors of chronic polyneuropathy. <i>European Journal of Epidemiology</i> , 2016 , 31, 5-20	12.1	103
269	Retinal Microvasculature Is Associated With Long-Term Survival in the General Adult Dutch Population. <i>Hypertension</i> , 2016 , 67, 281-7	8.5	24
268	Heritability and Genome-Wide Association Analyses of Intracranial Carotid Artery Calcification: The Rotterdam Study. <i>Stroke</i> , 2016 , 47, 912-7	6.7	11
267	Antidepressant Use Is Associated With an Increased Risk of Developing Microbleeds. <i>Stroke</i> , 2016 , 47, 251-4	6.7	22
266	Cerebral Vasoreactivity, Apolipoprotein E, and the Risk of Dementia: A Population-Based Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 204-10	9.4	33
265	White Matter Degeneration with Aging: Longitudinal Diffusion MR Imaging Analysis. <i>Radiology</i> , 2016 , 279, 532-41	20.5	60
264	Gait characteristics in older adults with diabetes and impaired fasting glucose: The Rotterdam Study. <i>Journal of Diabetes and Its Complications</i> , 2016 , 30, 61-6	3.2	7
263	Role of Prestroke Vascular Pathology in Long-Term Prognosis After Stroke: The Rotterdam Study. <i>Stroke</i> , 2016 , 47, 80-7	6.7	9
262	Rare Functional Variant in TM2D3 is Associated with Late-Onset Alzheimer's Disease. <i>PLoS Genetics</i> , 2016 , 12, e1006327	6	38
261	Evaluation of Presumably Disease Causing SCN1A Variants in a Cohort of Common Epilepsy Syndromes. <i>PLoS ONE</i> , 2016 , 11, e0150426	3.7	10

260	Metabolically Healthy Obesity and the Risk of Cardiovascular Disease in the Elderly Population. <i>PLoS ONE</i> , 2016 , 11, e0154273	3.7	37
259	Orthostatic Hypotension and the Long-Term Risk of Dementia: A Population-Based Study. <i>PLoS Medicine</i> , 2016 , 13, e1002143	11.6	69
258	Global Efficiency of Structural Networks Mediates Cognitive Control in Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 292	5.3	30
257	Comparison of ACC/AHA and ESC Guideline Recommendations Following Trial Evidence for Statin Use in Primary Prevention of Cardiovascular Disease: Results From the Population-Based Rotterdam Study. <i>JAMA Cardiology</i> , 2016 , 1, 708-13	16.2	14
256	Assessment scales for the diagnosis of polyneuropathy. <i>Journal of the Peripheral Nervous System</i> , 2016 , 21, 61-73	4.7	7
255	Genetic Variants in MicroRNAs and Their Binding Sites Are Associated with the Risk of Parkinson Disease. <i>Human Mutation</i> , 2016 , 37, 292-300	4.7	39
254	P1-381: Evaluation of The Absolute Genetic Risk of Alzheimer's Disease in The Aging Population 2016 , 12, P578-P578		1
253	Association of Coffee Consumption with MRI Markers and Cognitive Function: A Population-Based Study. <i>Journal of Alzheimeris Disease</i> , 2016 , 53, 451-61	4.3	14
252	Heritability of the shape of subcortical brain structures in the general population. <i>Nature Communications</i> , 2016 , 7, 13738	17.4	47
251	Gait patterns associated with thyroid function: The Rotterdam Study. <i>Scientific Reports</i> , 2016 , 6, 38912	4.9	13
250	N-Terminal Pro-B-Type Natriuretic Peptide Is Related to Retinal Microvascular Damage: The Rotterdam Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1698-702	9.4	13
249	O1-13-05: Mild Cognitive Impairment and Risk of Depression and Anxiety: a Population-Based Study 2016 , 12, P211-P211		0
248	O2-09-03: Orthostatic Hypotension and the Long-Term Risk of Dementia: A Population-Based Study 2016 , 12, P248-P248		1
247	P1-276: Anterior Commissure: Neuroanatomic and Cognitive Correlates in a Population-Based Study 2016 , 12, P523-P523		
246	P1-396: Simple Test of Manual Dexterity Can Identify Persons at High Risk for Neurodegenerative Diseases in The Community 2016 , 12, P585-P585		1
245	F1-02-03: Metabolites Associated with Cognitive Function in the Rotterdam Study and Erasmus Rucphen Family Study 2016 , 12, P165-P165		4
244	O1-09-04: Identification of Whole Exome Sequencing Variants Associated with Late-Onset Alzheimer's Disease in the Cohorts for Heart and Aging Research in Genomic Epidemiology (Charge) Consortium 2016 , 12, P197-P198		
243	O3-03-06: Grey Matter Density in Relation to Cognitive Function 2016 , 12, P288-P288		

242	P1-013: Von Willebrand Factor and the Risk of Dementia: A Population-Based Study 2016 , 12, P404-P404		
241	P1-118: Association of Low-Frequency and Rare Coding Variants with Information Processing Speed 2016 , 12, P448-P448		
240	Evaluation of a Genetic Risk Score to Improve Risk Prediction for Alzheimer's Disease. <i>Journal of Alzheimeris Disease</i> , 2016 , 53, 921-32	4.3	54
239	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, 1319-37	7.3	65
238	Identification of additional risk loci for stroke and small vessel disease: a meta-analysis of genome-wide association studies. <i>Lancet Neurology, The</i> , 2016 , 15, 695-707	24.1	100
237	10-year trajectories of depressive symptoms and risk of dementia: a population-based study. <i>Lancet Psychiatry,the</i> , 2016 , 3, 628-35	23.3	128
236	Mid- to Late-Life Trajectories of Blood Pressure and the Risk of Stroke: The Rotterdam Study. <i>Hypertension</i> , 2016 , 67, 1126-32	8.5	32
235	Carotid Atherosclerotic Plaque Characteristics on Magnetic Resonance Imaging Relate With History of Stroke and Coronary Heart Disease. <i>Stroke</i> , 2016 , 47, 1542-7	6.7	39
234	Obesity in older adults and life expectancy with and without cardiovascular disease. <i>International Journal of Obesity</i> , 2016 , 40, 1535-1540	5.5	23
233	Thyroid Function Within the Reference Range and the Risk of Stroke: An Individual Participant Data Analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 4270-4282	5.6	50
232	Fine-mapping the effects of Alzheimer's disease risk loci on brain morphology. <i>Neurobiology of Aging</i> , 2016 , 48, 204-211	5.6	20
231	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016 , 19, 1569-1582	25.5	147
230	Prevalence of polyneuropathy in the general middle-aged and elderly population. <i>Neurology</i> , 2016 , 87, 1892-1898	6.5	87
229	White Matter Microstructure Improves Stroke Risk Prediction in the General Population. <i>Stroke</i> , 2016 , 47, 2756-2762	6.7	16
228	Novel Genetic Variants Associated With Increased Vertebral Volumetric BMD, Reduced Vertebral Fracture Risk, and Increased Expression of SLC1A3 and EPHB2. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 2085-2097	6.3	33
227	Lower microstructural integrity of brain white matter is related to higher mortality. <i>Neurology</i> , 2016 , 87, 927-34	6.5	16
226	von Willebrand Factor, ADAMTS13 Activity, and Decline in Kidney Function: A Population-Based Cohort Study. <i>American Journal of Kidney Diseases</i> , 2016 , 68, 726-732	7.4	11
225	Retinal microvasculature and white matter microstructure: The Rotterdam Study. <i>Neurology</i> , 2016 , 87, 1003-10	6.5	22

224	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015 , 520, 224-9	50.4	601
223	Association of Alzheimer's disease GWAS loci with MRI markers of brain aging. <i>Neurobiology of Aging</i> , 2015 , 36, 1765.e7-1765.e16	5.6	63
222	Age- and sex-specific causal effects of adiposity on cardiovascular risk factors. <i>Diabetes</i> , 2015 , 64, 1841-529	50	
221	Genetic overlap between Alzheimer's disease and Parkinson's disease at the MAPT locus. <i>Molecular Psychiatry</i> , 2015 , 20, 1588-95	15.1	107
220	Genetic contributions to variation in general cognitive function: a meta-analysis of genome-wide association studies in the CHARGE consortium (N=53949). <i>Molecular Psychiatry</i> , 2015 , 20, 183-92	15.1	250
219	Genetic overlap between diagnostic subtypes of ischemic stroke. <i>Stroke</i> , 2015 , 46, 615-9	6.7	33
218	Associations of the 24-h activity rhythm and sleep with cognition: a population-based study of middle-aged and elderly persons. <i>Sleep Medicine</i> , 2015 , 16, 850-5	4.6	28
217	Carotid intima-media thickness progression and risk of vascular events in people with diabetes: results from the PROG-IMT collaboration. <i>Diabetes Care</i> , 2015 , 38, 1921-9	14.6	52
216	Cognition, structural brain changes and complicated grief. A population-based study. <i>Psychological Medicine</i> , 2015 , 45, 1389-99	6.9	22
215	Cerebral Microbleeds Are Associated With an Increased Risk of Stroke: The Rotterdam Study. <i>Circulation</i> , 2015 , 132, 509-16	16.7	135
214	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015 , 523, 459-462	50.4	119
213	Atherosclerotic calcification is related to a higher risk of dementia and cognitive decline. <i>Alzheimeris and Dementia</i> , 2015 , 11, 639-47.e1	1.2	67
212	Subclinical Hypothyroidism and the Risk of Stroke Events and Fatal Stroke: An Individual Participant Data Analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 2181-91	5.6	112
211	Tract-specific white matter degeneration in aging: the Rotterdam Study. <i>Alzheimeris and Dementia</i> , 2015 , 11, 321-30	1.2	127
210	Kidney function and microstructural integrity of brain white matter. <i>Neurology</i> , 2015 , 85, 154-61	6.5	25
209	Genetic variants in the ADAMTS13 and SUPT3H genes are associated with ADAMTS13 activity. <i>Blood</i> , 2015 , 125, 3949-55	2.2	20
208	Subclinical cardiac dysfunction increases the risk of stroke and dementia: the Rotterdam Study. <i>Neurology</i> , 2015 , 84, 833-40	6.5	30
207	Genetic risk of neurodegenerative diseases is associated with mild cognitive impairment and conversion to dementia. <i>Alzheimeris and Dementia</i> , 2015 , 11, 1277-85	1.2	59

206	Positive affect is not associated with incidence of cardiovascular disease: a population-based study of older persons. <i>Preventive Medicine</i> , 2015 , 74, 14-20	4.3	18
205	Multiethnic genome-wide association study of cerebral white matter hyperintensities on MRI. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 398-409		119
204	Gait patterns in COPD: the Rotterdam Study. <i>European Respiratory Journal</i> , 2015 , 46, 88-95	13.6	36
203	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, 588-93	2.2	33
202	PLD3 variants in population studies. <i>Nature</i> , 2015 , 520, E2-3	50.4	47
201	Subjective memory complaints and the risk of stroke. <i>Stroke</i> , 2015 , 46, 170-5	6.7	20
200	Polygenic Overlap Between C-Reactive Protein, Plasma Lipids, and Alzheimer Disease. <i>Circulation</i> , 2015 , 131, 2061-2069	16.7	100
199	Kidney function and cerebral small vessel disease in the general population. <i>International Journal of Stroke</i> , 2015 , 10, 603-8	6.3	43
198	Association Between Atrial Fibrillation and Dementia in the General Population. <i>JAMA Neurology</i> , 2015 , 72, 1288-94	17.2	133
197	The Rotterdam study: why fall in COPD?. <i>European Respiratory Journal</i> , 2015 , 46, 1530-1	13.6	1
196	Carotid stiffness is associated with incident stroke: a systematic review and individual participant data meta-analysis. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2116-2125	15.1	124
195	Cerebral small vessel disease is related to disturbed 24-h activity rhythms: a population-based study. <i>European Journal of Neurology</i> , 2015 , 22, 1482-7	6	20
194	The potential for prevention of dementia across two decades: the prospective, population-based Rotterdam Study. <i>BMC Medicine</i> , 2015 , 13, 132	11.4	170
193	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, 1882-7	7.3	35
192	Genetic Determinants of Unruptured Intracranial Aneurysms in the General Population. <i>Stroke</i> , 2015 , 46, 2961-4	6.7	7
191	Chronic obstructive pulmonary disease and cerebrovascular disease: A comprehensive review. <i>Respiratory Medicine</i> , 2015 , 109, 1371-80	4.6	70
190	WHO guidelines for a healthy diet and mortality from cardiovascular disease in European and American elderly: the CHANCES project. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 745-56	7	50
189	Genetic analysis for a shared biological basis between migraine and coronary artery disease. <i>Neurology: Genetics</i> , 2015 , 1, e10	3.8	46

188	The Rotterdam Study: 2016 objectives and design update. <i>European Journal of Epidemiology</i> , 2015 , 30, 661-708	12.1	307
187	Convergent genetic and expression data implicate immunity in Alzheimer's disease. <i>Alzheimeris and Dementia</i> , 2015 , 11, 658-71	1.2	146
186	Disability and not osteoarthritis predicts cardiovascular disease: a prospective population-based cohort study. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 752-6	2.4	44
185	Left-sided strokes are more often recognized than right-sided strokes: the Rotterdam study. <i>Stroke</i> , 2015 , 46, 252-4	6.7	27
184	Genome-wide studies of verbal declarative memory in nondemented older people: the Cohorts for Heart and Aging Research in Genomic Epidemiology consortium. <i>Biological Psychiatry</i> , 2015 , 77, 749-63	7.9	48
183	Common variation in PHACTR1 is associated with susceptibility to cervical artery dissection. <i>Nature Genetics</i> , 2015 , 47, 78-83	36.3	149
182	Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. <i>Molecular Psychiatry</i> , 2015 , 20, 647-656	15.1	167
181	Delayed-start analysis for demonstrating disease modification of solanezumab. <i>Alzheimeris and Dementia: Translational Research and Clinical Interventions</i> , 2015 , 1, 196-197	6	
180	O3-02-01: The potential for prevention of dementia across two decades: The rotterdam study 2015 , 11, P219-P219		
179	O4-05-02: Genome-wide association study of lobar brain volumes 2015 , 11, P278-P278		
178	Low ADAMTS13 activity is associated with an increased risk of ischemic stroke. <i>Blood</i> , 2015 , 126, 2739-46.	46.2	92
177	Education plays a greater role than age in cognitive test performance among participants of the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). <i>BMC Neurology</i> , 2015 , 15, 191	3.1	43
176	Rare variants in GABA _A receptor genes in rolandic epilepsy and related syndromes. <i>Annals of Neurology</i> , 2015 , 77, 972-86	9.4	40
175	Inconsistency of Association between Coffee Consumption and Cognitive Function in Adults and Elderly in a Cross-Sectional Study (ELSA-Brasil). <i>Nutrients</i> , 2015 , 7, 9590-601	6.7	16
174	Integrated Analysis and Visualization of Group Differences in Structural and Functional Brain Connectivity: Applications in Typical Ageing and Schizophrenia. <i>PLoS ONE</i> , 2015 , 10, e0137484	3.7	3
173	Drug-Gene Interactions of Antihypertensive Medications and Risk of Incident Cardiovascular Disease: A Pharmacogenomics Study from the CHARGE Consortium. <i>PLoS ONE</i> , 2015 , 10, e0140496	3.7	12
172	Adiposity as a cause of cardiovascular disease: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2015 , 44, 578-86	7.8	97
171	Concordance of genetic risk across migraine subgroups: Impact on current and future genetic association studies. <i>Cephalalgia</i> , 2015 , 35, 489-99	6.1	25

170	Shared genetic basis for migraine and ischemic stroke: A genome-wide analysis of common variants. <i>Neurology</i> , 2015 , 84, 2132-45	6.5	71
169	A priori collaboration in population imaging: The Uniform Neuro-Imaging of Virchow-Robin Spaces Enlargement consortium. <i>Alzheimeris and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015 , 1, 513-20	5.2	30
168	Arterial Stiffness and Decline in Kidney Function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015 , 10, 2190-7	6.9	84
167	A proposed clinical and biological interpretation of mediated interaction. <i>European Journal of Epidemiology</i> , 2015 , 30, 1115-8	12.1	17
166	The Rotterdam Scan Study: design update 2016 and main findings. <i>European Journal of Epidemiology</i> , 2015 , 30, 1299-315	12.1	131
165	Comparison of Atherosclerotic Calcification in Major Vessel Beds on the Risk of All-Cause and Cause-Specific Mortality: The Rotterdam Study. <i>Circulation: Cardiovascular Imaging</i> , 2015 , 8,	3.9	59
164	P2-024: Whole-exome sequencing in dutch families with Alzheimer's disease 2015 , 11, P490-P490		
163	O2-11-01: Does cognitive reserve protect against dementia after a stroke or tia? the rotterdam study 2015 , 11, P199-P200		
162	O4-05-03: Whole exome sequence analysis of white matter hyperintensities on cranial MRI 2015 , 11, P278-P279		1
161	Molecular pathological epidemiology: the role of epidemiology in the omics-era. <i>European Journal of Epidemiology</i> , 2015 , 30, 1077-8	12.1	7
160	The dystrophin gene and cognitive function in the general population. <i>European Journal of Human Genetics</i> , 2015 , 23, 837-43	5.3	5
159	Patterns of cognitive function in aging: the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2014 , 29, 133-40	12.1	104
158	Anxiety is not associated with the risk of dementia or cognitive decline: the Rotterdam Study. <i>American Journal of Geriatric Psychiatry</i> , 2014 , 22, 1382-90	6.5	31
157	Determinants, MRI correlates, and prognosis of mild cognitive impairment: the Rotterdam Study. <i>Journal of Alzheimeris Disease</i> , 2014 , 42 Suppl 3, S239-49	4.3	47
156	Insulin-like growth factor-I receptor stimulating activity is associated with dementia. <i>Journal of Alzheimeris Disease</i> , 2014 , 42, 137-42	4.3	20
155	Cerebral vasomotor reactivity and risk of mortality: the Rotterdam Study. <i>Stroke</i> , 2014 , 45, 42-7	6.7	57
154	Predicting stroke through genetic risk functions: the CHARGE Risk Score Project. <i>Stroke</i> , 2014 , 45, 403-10	6.7	46
153	Multilocus genetic risk score associates with ischemic stroke in case-control and prospective cohort studies. <i>Stroke</i> , 2014 , 45, 394-402	6.7	46

152	Shared genetic susceptibility to ischemic stroke and coronary artery disease: a genome-wide analysis of common variants. <i>Stroke</i> , 2014 , 45, 24-36	6.7	245
151	Use of coumarin anticoagulants and cerebral microbleeds in the general population. <i>Stroke</i> , 2014 , 45, 3436-9	6.7	40
150	A genome-wide association meta-analysis of plasma A β peptides concentrations in the elderly. <i>Molecular Psychiatry</i> , 2014 , 19, 1326-35	15.1	27
149	Inhibition of serotonin reuptake by antidepressants and cerebral microbleeds in the general population. <i>Stroke</i> , 2014 , 45, 1951-7	6.7	22
148	Large-scale meta-analysis of genome-wide association data identifies six new risk loci for Parkinson's disease. <i>Nature Genetics</i> , 2014 , 46, 989-93	36.3	1261
147	Meta-analysis in more than 17,900 cases of ischemic stroke reveals a novel association at 12q24.12. <i>Neurology</i> , 2014 , 83, 678-85	6.5	78
146	The heart-brain connection: a multidisciplinary approach targeting a missing link in the pathophysiology of vascular cognitive impairment. <i>Journal of Alzheimer's Disease</i> , 2014 , 42 Suppl 4, S443-51	4.3	37
145	Apolipoprotein E genotype influences spatial distribution of cerebral microbleeds. <i>Neurobiology of Aging</i> , 2014 , 35, 899-905	5.6	21
144	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. <i>BMJ, The</i> , 2014 , 349, g4164	5.9	406
143	Cognition and gait show a distinct pattern of association in the general population. <i>Alzheimer's and Dementia</i> , 2014 , 10, 328-35	1.2	71
142	Comparison of prognosis in unrecognized versus recognized myocardial infarction in men versus women >55 years of age (from the Rotterdam Study). <i>American Journal of Cardiology</i> , 2014 , 113, 1-6	3	20
141	TMEM106B influences volume of left-sided temporal lobe and interhemispheric structures in the general population. <i>Biological Psychiatry</i> , 2014 , 76, 503-8	7.9	14
140	Effect of genetic variants associated with plasma homocysteine levels on stroke risk. <i>Stroke</i> , 2014 , 45, 1920-4	6.7	22
139	Modifiable lifestyle factors in dementia: a systematic review of longitudinal observational cohort studies. <i>Journal of Alzheimer's Disease</i> , 2014 , 42, 119-35	4.3	99
138	The sex-specific associations of the aromatase gene with Alzheimer's disease and its interaction with IL10 in the Epistasis Project. <i>European Journal of Human Genetics</i> , 2014 , 22, 216-20	5.3	32
137	Allelic differences between Europeans and Chinese for CREB1 SNPs and their implications in gene expression regulation, hippocampal structure and function, and bipolar disorder susceptibility. <i>Molecular Psychiatry</i> , 2014 , 19, 452-61	15.1	52
136	Separate prediction of intracerebral hemorrhage and ischemic stroke. <i>Neurology</i> , 2014 , 82, 1804-12	6.5	15
135	THE HEALTHY COFFEE-DRINKER EFFECT: DIFFERENT SHORT- AND LONG-TERM ASSOCIATIONS BETWEEN COFFEE INTAKE AND DEMENTIA 2014 , 10, P295-P296		

134	P3-201: STRUCTURAL BRAIN CHANGES ASSOCIATE ESPECIALLY WITH DECLINE IN DAILY FUNCTIONING AND LESS WITH COGNITIVE DECLINE, INDEPENDENT OF INCIDENT DEMENTIA 2014 , 10, P704-P704		
133	O4-10-04: AMINO TERMINAL PRO B-TYPE NATRIURETIC PEPTIDE IN RELATION TO COGNITIVE DECLINE AND RISK OF DEMENTIA: THE ROTTERDAM STUDY 2014 , 10, P272-P272		1
132	P4-282: PLD3 ASSOCIATES TO PROLINE A PROPOSED BIOMARKER IN MAPSTONE ET AL 2014 , 10, P887-P888		2
131	ATP5H/KCTD2 locus is associated with Alzheimer's disease risk. <i>Molecular Psychiatry</i> , 2014 , 19, 682-7	15.1	46
130	Association of renal function with vascular stiffness in older adults: the Rotterdam study. <i>Age and Ageing</i> , 2014 , 43, 827-33	3	10
129	Modifiable etiological factors and the burden of stroke from the Rotterdam study: a population-based cohort study. <i>PLoS Medicine</i> , 2014 , 11, e1001634	11.6	62
128	Sex differences in lifetime risk and first manifestation of cardiovascular disease: prospective population based cohort study. <i>BMJ, The</i> , 2014 , 349, g5992	5.9	142
127	Comparison of application of the ACC/AHA guidelines, Adult Treatment Panel III guidelines, and European Society of Cardiology guidelines for cardiovascular disease prevention in a European cohort. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 1416-23	27.4	231
126	EN-RAGE: a novel inflammatory marker for incident coronary heart disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2695-9	9.4	39
125	Intracranial carotid artery atherosclerosis and the risk of stroke in whites: the Rotterdam Study. <i>JAMA Neurology</i> , 2014 , 71, 405-11	17.2	122
124	Association of uric acid genetic risk score with blood pressure: the Rotterdam study. <i>Hypertension</i> , 2014 , 64, 1061-6	8.5	21
123	Hippocampal shape is predictive for the development of dementia in a normal, elderly population. <i>Human Brain Mapping</i> , 2014 , 35, 2359-71	5.9	33
122	Depressive symptoms predict incident dementia during short- but not long-term follow-up period. <i>Alzheimeris and Dementia</i> , 2014 , 10, S323-S329.e1	1.2	39
121	Performance of Framingham cardiovascular disease (CVD) predictions in the Rotterdam Study taking into account competing risks and disentangling CVD into coronary heart disease (CHD) and stroke. <i>International Journal of Cardiology</i> , 2014 , 171, 413-8	3.2	11
120	Pleiotropic genes for metabolic syndrome and inflammation. <i>Molecular Genetics and Metabolism</i> , 2014 , 112, 317-38	3.7	81
119	Gene-wide analysis detects two new susceptibility genes for Alzheimer's disease. <i>PLoS ONE</i> , 2014 , 9, e94661	3.7	90
118	Associations of NINJ2 sequence variants with incident ischemic stroke in the Cohorts for Heart and Aging in Genomic Epidemiology (CHARGE) consortium. <i>PLoS ONE</i> , 2014 , 9, e99798	3.7	8
117	Common carotid intima-media thickness does not add to Framingham risk score in individuals with diabetes mellitus: the USE-IMT initiative. <i>Diabetologia</i> , 2013 , 56, 1494-502	10.3	49

116	Plasma amyloid β depression, and dementia in community-dwelling elderly. <i>Journal of Psychiatric Research</i> , 2013 , 47, 479-85	5.2	21
115	Meta-analysis of 74,046 individuals identifies 11 new susceptibility loci for Alzheimer's disease. <i>Nature Genetics</i> , 2013 , 45, 1452-8	36.3	2714
114	Cerebral microbleeds and the risk of mortality in the general population. <i>European Journal of Epidemiology</i> , 2013 , 28, 815-21	12.1	35
113	The Rotterdam Study: 2014 objectives and design update. <i>European Journal of Epidemiology</i> , 2013 , 28, 889-926	12.1	253
112	The relation of uric acid to brain atrophy and cognition: the Rotterdam Scan Study. <i>Neuroepidemiology</i> , 2013 , 41, 29-34	5.4	40
111	Changes in normal-appearing white matter precede development of white matter lesions. <i>Stroke</i> , 2013 , 44, 1037-42	6.7	165
110	Cerebral microbleeds are related to loss of white matter structural integrity. <i>Neurology</i> , 2013 , 81, 1930-6.5	48	
109	Ischemic stroke is associated with the ABO locus: the EuroCLOT study. <i>Annals of Neurology</i> , 2013 , 73, 16-31	9.4	105
108	Variant of TREM2 associated with the risk of Alzheimer's disease. <i>New England Journal of Medicine</i> , 2013 , 368, 107-16	59.2	1603
107	Improving alignment in Tract-based spatial statistics: evaluation and optimization of image registration. <i>NeuroImage</i> , 2013 , 76, 400-11	7.9	120
106	Brain cortical thickness in the general elderly population: the Rotterdam Scan Study. <i>Neuroscience Letters</i> , 2013 , 550, 189-94	3.3	58
105	Silent brain infarcts: a cause of depression in the elderly?. <i>Psychiatry Research - Neuroimaging</i> , 2013 , 211, 180-2	2.9	22
104	Alzheimer's disease genes and cognition in the nondemented general population. <i>Biological Psychiatry</i> , 2013 , 73, 429-34	7.9	67
103	Total antioxidant capacity of the diet and major neurologic outcomes in older adults. <i>Neurology</i> , 2013 , 80, 904-10	6.5	27
102	A systematic evaluation of stroke surveillance studies in low- and middle-income countries. <i>Neurology</i> , 2013 , 80, 677-84	6.5	28
101	Genome-wide meta-analysis identifies new susceptibility loci for migraine. <i>Nature Genetics</i> , 2013 , 45, 912-917	36.3	276
100	The association between physical activity and dementia in an elderly population: the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2013 , 28, 277-83	12.1	81
99	Gait patterns in a community-dwelling population aged 50 years and older. <i>Gait and Posture</i> , 2013 , 37, 500-5	2.6	88

98	Rating method for dilated Virchow-Robin spaces on magnetic resonance imaging. <i>Stroke</i> , 2013 , 44, 1732-5	4.8	48
97	Psoriasis is not associated with atherosclerosis and incident cardiovascular events: the Rotterdam Study. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 2347-2354	4.3	78
96	The role of adiposity in cardiometabolic traits: a Mendelian randomization analysis. <i>PLoS Medicine</i> , 2013 , 10, e1001474	11.6	144
95	Risk scores of common genetic variants for lipid levels influence atherosclerosis and incident coronary heart disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 2233-9	9.4	40
94	Retinal vascular calibers associate differentially with cerebral gray matter and white matter atrophy. <i>Alzheimer Disease and Associated Disorders</i> , 2013 , 27, 351-5	2.5	13
93	High blood pressure and cerebral white matter lesion progression in the general population. <i>Hypertension</i> , 2013 , 61, 1354-9	8.5	142
92	Genetic loci for coronary calcification and serum lipids relate to aortic and carotid calcification. <i>Circulation: Cardiovascular Genetics</i> , 2013 , 6, 47-53		16
91	Multiethnic meta-analysis of genome-wide association studies in >100 000 subjects identifies 23 fibrinogen-associated Loci but no strong evidence of a causal association between circulating fibrinogen and cardiovascular disease. <i>Circulation</i> , 2013 , 128, 1310-24	16.7	107
90	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	6	26
89	Genome-wide haplotype association study identifies the FRMD4A gene as a risk locus for Alzheimer's disease. <i>Molecular Psychiatry</i> , 2013 , 18, 461-70	15.1	77
88	Chronic obstructive pulmonary disease and cerebral microbleeds. The Rotterdam Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 783-8	10.2	53
87	Genetic determinants of von Willebrand factor plasma levels and the risk of stroke: the Rotterdam Study. <i>Journal of Thrombosis and Haemostasis</i> , 2012 , 10, 550-6	15.4	14
86	Association of two single nucleotide polymorphisms from genomewide association studies with clinical phenotypes of cerebral ischemia. <i>International Journal of Stroke</i> , 2012 , 7, 219-23	6.3	4
85	Improved MR imaging detection of cerebral microbleeds more accurately identifies persons with vasculopathy. <i>American Journal of Neuroradiology</i> , 2012 , 33, 1553-6	4.4	19
84	Linkage analysis for plasma amyloid beta levels in persons with hypertension implicates APOE levels to presenilin 2. <i>Human Genetics</i> , 2012 , 131, 1869-76	6.3	6
83	Vascular risk factors, apolipoprotein E, and hippocampal decline on magnetic resonance imaging over a 10-year follow-up. <i>Alzheimeris and Dementia</i> , 2012 , 8, 417-25	1.2	18
82	Atherosclerotic calcification relates to cognitive function and to brain changes on magnetic resonance imaging. <i>Alzheimeris and Dementia</i> , 2012 , 8, S104-11	1.2	59
81	Genome-wide association study for circulating levels of PAI-1 provides novel insights into its regulation. <i>Blood</i> , 2012 , 120, 4873-81	2.2	65

80	Is dementia incidence declining?: Trends in dementia incidence since 1990 in the Rotterdam Study. <i>Neurology</i> , 2012 , 78, 1456-63	6.5	291
79	Next frontiers in the genetic epidemiology of Alzheimer's disease. <i>European Journal of Epidemiology</i> , 2012 , 27, 831-6	12.1	3
78	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012 , 44, 552-61	36.3	498
77	Transferrin and HFE genes interact in Alzheimer's disease risk: the Epistasis Project. <i>Neurobiology of Aging</i> , 2012 , 33, 202.e1-13	5.6	43
76	Determinants of cerebellar and cerebral volume in the general elderly population. <i>Neurobiology of Aging</i> , 2012 , 33, 2774-81	5.6	42
75	Assessment of cerebral small vessel disease predicts individual stroke risk. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012 , 83, 1174-9	5.5	29
74	Common variants at 6p21.1 are associated with large artery atherosclerotic stroke. <i>Nature Genetics</i> , 2012 , 44, 1147-51	36.3	126
73	Genetic risk factors for ischaemic stroke and its subtypes (the METASTROKE collaboration): a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , 2012 , 11, 951-62	24.1	359
72	Cerebral hemodynamics and incident depression: the Rotterdam Study. <i>Biological Psychiatry</i> , 2012 , 72, 318-23	7.9	40
71	Automated measurement of local white matter lesion volume. <i>NeuroImage</i> , 2012 , 59, 3901-8	7.9	11
70	International epidemiology of intracerebral hemorrhage. <i>Current Atherosclerosis Reports</i> , 2012 , 14, 300-6		137
69	Trends in stroke incidence rates and stroke risk factors in Rotterdam, the Netherlands from 1990 to 2008. <i>European Journal of Epidemiology</i> , 2012 , 27, 287-95	12.1	120
68	Genome-wide profiling of blood pressure in adults and children. <i>Hypertension</i> , 2012 , 59, 241-7	8.5	28
67	Insulin resistance and the risk of stroke and stroke subtypes in the nondiabetic elderly. <i>American Journal of Epidemiology</i> , 2012 , 176, 699-707	3.8	24
66	Cerebral microbleeds are associated with worse cognitive function: the Rotterdam Scan Study. <i>Neurology</i> , 2012 , 78, 326-33	6.5	260
65	Genome-wide association study of vascular dementia. <i>Stroke</i> , 2012 , 43, 315-9	6.7	44
64	The thyroid hormone receptor alpha locus and white matter lesions: a role for the clock gene REV-ERB β . <i>Thyroid</i> , 2012 , 22, 1181-6	6.2	3
63	Arterial stiffness and cerebral small vessel disease: the Rotterdam Scan Study. <i>Stroke</i> , 2012 , 43, 2637-426.7		172

62	Common variants at 6q22 and 17q21 are associated with intracranial volume. <i>Nature Genetics</i> , 2012 , 44, 539-44	36.3	104
61	Common variants at 12q14 and 12q24 are associated with hippocampal volume. <i>Nature Genetics</i> , 2012 , 44, 545-51	36.3	175
60	Common variants at 12q15 and 12q24 are associated with infant head circumference. <i>Nature Genetics</i> , 2012 , 44, 532-538	36.3	94
59	Common genetic variation in the 3'-BCL11B gene desert is associated with carotid-femoral pulse wave velocity and excess cardiovascular disease risk: the AortaGen Consortium. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 81-90		76
58	A genome-wide association study identifies five loci influencing facial morphology in Europeans. <i>PLoS Genetics</i> , 2012 , 8, e1002932	6	194
57	Intracranial carotid artery atherosclerosis: prevalence and risk factors in the general population. <i>Stroke</i> , 2012 , 43, 1878-84	6.7	123
56	Genetic, physiological, and lifestyle predictors of mortality in the general population. <i>American Journal of Public Health</i> , 2012 , 102, e3-10	5.1	32
55	Comparative effectiveness and cost-effectiveness of computed tomography screening for coronary artery calcium in asymptomatic individuals. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 1690-701	15.1	56
54	Statistical analysis of minimum cost path based structural brain connectivity. <i>NeuroImage</i> , 2011 , 55, 557-65	6.5	8
53	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011 , 478, 103-9	50.4	1564
52	Serum levels of pregnancy zone protein are elevated in presymptomatic Alzheimer's disease. <i>Journal of Proteome Research</i> , 2011 , 10, 4902-10	5.6	42
51	Cathepsin D gene and the risk of Alzheimer's disease: a population-based study and meta-analysis. <i>Neurobiology of Aging</i> , 2011 , 32, 1607-14	5.6	29
50	Factor VII Activating Protease Polymorphism (G534E) Is Associated with Increased Risk for Stroke and Mortality. <i>Stroke Research and Treatment</i> , 2011 , 2011, 424759	1.7	34
49	Association of HSP70 and its co-chaperones with Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2011 , 25, 93-102	4.3	18
48	Lobar distribution of cerebral microbleeds: the Rotterdam Scan Study. <i>Archives of Neurology</i> , 2011 , 68, 656-9		56
47	Common variants at ABCA7, MS4A6A/MS4A4E, EPHA1, CD33 and CD2AP are associated with Alzheimer's disease. <i>Nature Genetics</i> , 2011 , 43, 429-35	36.3	1421
46	Meta-analysis of genome-wide association for migraine in six population-based European cohorts. <i>European Journal of Human Genetics</i> , 2011 , 19, 901-7	5.3	70
45	The Rotterdam Study: 2012 objectives and design update. <i>European Journal of Epidemiology</i> , 2011 , 26, 657-86	12.1	255

44	The Rotterdam Scan Study: design and update up to 2012. <i>European Journal of Epidemiology</i> , 2011 , 26, 811-24	12.1	97
43	Association of heat shock proteins with Parkinson's disease. <i>European Journal of Epidemiology</i> , 2011 , 26, 933-5	12.1	7
42	Genome-wide association studies of cerebral white matter lesion burden: the CHARGE consortium. <i>Annals of Neurology</i> , 2011 , 69, 928-39	9.4	146
41	Genetic variants of the NOTCH3 gene in the elderly and magnetic resonance imaging correlates of age-related cerebral small vessel disease. <i>Brain</i> , 2011 , 134, 3384-97	11.2	86
40	Incidence of cerebral microbleeds in the general population: the Rotterdam Scan Study. <i>Stroke</i> , 2011 , 42, 656-61	6.7	188
39	Replication study of chr17q25 with cerebral white matter lesion volume. <i>Stroke</i> , 2011 , 42, 3297-9	6.7	29
38	Calcification in major vessel beds relates to vascular brain disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2331-7	9.4	95
37	Serum lipid levels and the risk of intracerebral hemorrhage: the Rotterdam Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2982-9	9.4	83
36	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. <i>Human Molecular Genetics</i> , 2011 , 20, 2273-84	5.6	146
35	Genetic risk factors for cerebral small-vessel disease in hypertensive patients from a genetically isolated population. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011 , 82, 41-4	5.5	27
34	Genome-wide analysis of genetic loci associated with Alzheimer disease. <i>JAMA - Journal of the American Medical Association</i> , 2010 , 303, 1832-40	27.4	888
33	Four novel Loci (19q13, 6q24, 12q24, and 5q14) influence the microcirculation in vivo. <i>PLoS Genetics</i> , 2010 , 6, e1001184	6	111
32	Prevalence and risk factors of cerebral microbleeds: an update of the Rotterdam scan study. <i>Stroke</i> , 2010 , 41, S103-6	6.7	383
31	Accuracy and reproducibility study of automatic MRI brain tissue segmentation methods. <i>NeuroImage</i> , 2010 , 51, 1047-56	7.9	93
30	Brain tissue volumes in relation to cognitive function and risk of dementia. <i>Neurobiology of Aging</i> , 2010 , 31, 378-86	5.6	99
29	Vascular brain disease and depression in the elderly. <i>Epidemiology</i> , 2010 , 21, 78-81	3.1	32
28	Genome-wide association studies of MRI-defined brain infarcts: meta-analysis from the CHARGE Consortium. <i>Stroke</i> , 2010 , 41, 210-7	6.7	74
27	The dopamine β-hydroxylase -1021C/T polymorphism is associated with the risk of Alzheimer's disease in the Epistasis Project. <i>BMC Medical Genetics</i> , 2010 , 11, 162	2.1	43

26	Genomewide association studies of stroke. <i>New England Journal of Medicine</i> , 2009 , 360, 1718-28	59.2	376
25	White matter microstructural integrity and cognitive function in a general elderly population. <i>Archives of General Psychiatry</i> , 2009 , 66, 545-53		242
24	Superficial siderosis in the general population. <i>Neurology</i> , 2009 , 73, 202-5	6.5	94
23	Brain tissue volumes and small vessel disease in relation to the risk of mortality. <i>Neurobiology of Aging</i> , 2009 , 30, 450-6	5.6	57
22	The GAB2 gene and the risk of Alzheimer's disease: replication and meta-analysis. <i>Biological Psychiatry</i> , 2009 , 65, 995-9	7.9	36
21	White matter lesion extension to automatic brain tissue segmentation on MRI. <i>NeuroImage</i> , 2009 , 45, 1151-61	7.9	222
20	A study of the SORL1 gene in Alzheimer's disease and cognitive function. <i>Journal of Alzheimer's Disease</i> , 2009 , 18, 51-64	4.3	32
19	Total cerebral blood flow in relation to cognitive function: the Rotterdam Scan Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008 , 28, 1652-5	7.3	68
18	Total cerebral blood flow and total brain perfusion in the general population: the Rotterdam Scan Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008 , 28, 412-9	7.3	113
17	Brain tissue volumes in the general elderly population. The Rotterdam Scan Study. <i>Neurobiology of Aging</i> , 2008 , 29, 882-90	5.6	152
16	Arteriolar oxygen saturation, cerebral blood flow, and retinal vessel diameters. The Rotterdam Study. <i>Ophthalmology</i> , 2008 , 115, 887-92	7.3	55
15	White matter atrophy and lesion formation explain the loss of structural integrity of white matter in aging. <i>NeuroImage</i> , 2008 , 43, 470-7	7.9	152
14	Cerebral microbleeds: accelerated 3D T2*-weighted GRE MR imaging versus conventional 2D T2*-weighted GRE MR imaging for detection. <i>Radiology</i> , 2008 , 248, 272-7	20.5	119
13	Prevalence and risk factors of cerebral microbleeds: the Rotterdam Scan Study. <i>Neurology</i> , 2008 , 70, 1208-14	6.5	599
12	Intravestibular lipoma: an important imaging diagnosis. <i>JAMA Otolaryngology</i> , 2008 , 134, 1225-8		4
11	Unrecognized myocardial infarction in relation to risk of dementia and cerebral small vessel disease. <i>Stroke</i> , 2008 , 39, 1421-6	6.7	75
10	Kidney function is related to cerebral small vessel disease. <i>Stroke</i> , 2008 , 39, 55-61	6.7	233
9	Multi-spectral brain tissue segmentation using automatically trained k-Nearest-Neighbor classification. <i>NeuroImage</i> , 2007 , 37, 71-81	7.9	247

8	Incidental findings on brain MRI in the general population. <i>New England Journal of Medicine</i> , 2007 , 357, 1821-8	59.2	1084
7	Unrecognized myocardial infarction and the risk of stroke: the Rotterdam Study. <i>Neurology</i> , 2006 , 67, 1635-9	6.5	22
6	The Trans-Ancestral Genomic Architecture of Glycaemic Traits		1
5	GWAS meta-analysis (N=279,930) identifies new genes and functional links to intelligence		9
4	Genetic variants for head size share genes and pathways with cancer		2
3	The genetic architecture of the human cerebral cortex		12
2	The thyroid hormone receptor locus and white matter lesions: a role for the clock gene REV-ERB β <i>Thyroid</i> , 120814093637002	6.2	
1	Genome-wide analysis of 102,084 migraine cases identifies 123 risk loci and subtype-specific risk alleles		2