

M. Arfan Ikram

List of Publications by Year in descending order

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Version: 2024-02-01

824
papers

72,107
citations

764

119
h-index

1250

226
g-index

877
all docs

877
docs citations

877
times ranked

72314
citing authors

#	ARTICLE	IF	CITATIONS
1	Associations of neuroimaging markers with depressive symptoms over time in middle-aged and elderly persons. <i>Psychological Medicine</i> , 2023, 53, 4355-4363.	2.7	6
2	Subcortical brain structures and the risk of dementia in the Rotterdam Study. <i>Alzheimer's and Dementia</i> , 2023, 19, 646-657.	0.4	5
3	Sex steroids and markers of micro- and macrovascular damage among women and men from the general population. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1322-1330.	0.8	14
4	Social Health Is Associated With Structural Brain Changes in Older Adults: The Rotterdam Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 659-668.	1.1	9
5	Cohort Profile: The LoCARP—a population-based prospective cohort study in middle-aged and older adults in India. <i>International Journal of Epidemiology</i> , 2022, 51, 29-30m.	0.9	7
6	Skin Autofluorescence, a Noninvasive Biomarker for Advanced Glycation End-products, Is Associated With Sarcopenia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e793-e803.	1.8	13
7	Adiponectin, Leptin, and Resistin and the Risk of Dementia. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 1245-1249.	1.7	17
8	Cardiovascular health, genetic predisposition, and lifetime risk of type 2 diabetes. <i>European Journal of Preventive Cardiology</i> , 2022, 28, 1850-1857.	0.8	10
9	Sleep and perivascular spaces in the middle-aged and elderly population. <i>Journal of Sleep Research</i> , 2022, 31, e13485.	1.7	9
10	QTc-interval prolongation and increased risk of sudden cardiac death associated with hydroxychloroquine. <i>European Journal of Preventive Cardiology</i> , 2022, 28, 1875-1882.	0.8	8
11	A NOS1AP gene variant is associated with a paradoxical increase of the QT-interval shortening effect of digoxin. <i>Pharmacogenomics Journal</i> , 2022, 22, 55-61.	0.9	0
12	Life expectancy with and without dementia in persons with mild cognitive impairment in the community. <i>Journal of the American Geriatrics Society</i> , 2022, 70, 481-489.	1.3	6
13	Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. <i>Diabetes Care</i> , 2022, 45, 232-240.	4.3	10
14	Vascular risk factors as predictors of epilepsy in older age: The Framingham Heart Study. <i>Epilepsia</i> , 2022, 63, 237-243.	2.6	17
15	Loneliness, Not Social Support, Is Associated with Cognitive Decline and Dementia Across Two Longitudinal Population-Based Cohorts. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 295-308.	1.2	23
16	Gene-mapping study of extremes of cerebral small vessel disease reveals TRIM47 as a strong candidate. <i>Brain</i> , 2022, 145, 1992-2007.	3.7	6
17	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> , 2022, 11, e023967.	1.6	5
18	Fat metabolism is associated with telomere length in six population-based studies. <i>Human Molecular Genetics</i> , 2022, 31, 1159-1170.	1.4	7

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19	Healthy lifestyle in older adults and life expectancy with and without heart failure. <i>European Journal of Epidemiology</i> , 2022, 37, 205-214.	2.5	10
20	MIND diet and the risk of dementia: a population-based study. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 8.	3.0	30
21	Long-term association of pregnancy and maternal brain structure: the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2022, 37, 271-281.	2.5	4
22	Functional genomics analysis identifies T and NK cell activation as a driver of epigenetic clock progression. <i>Genome Biology</i> , 2022, 23, 24.	3.8	30
23	Matrix metalloproteinase 10 is linked to the risk of progression to dementia of the Alzheimer's type. <i>Brain</i> , 2022, 145, 2507-2517.	3.7	16
24	Type 2 Diabetes Partitioned Polygenic Scores Associate With Disease Outcomes in 454,193 Individuals Across 13 Cohorts. <i>Diabetes Care</i> , 2022, 45, 674-683.	4.3	29
25	Circulating Metabolome and White Matter Hyperintensities in Women and Men. <i>Circulation</i> , 2022, 145, 1040-1052.	1.6	17
26	Challenges at the APOE locus: a robust quality control approach for accurate APOE genotyping. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 22.	3.0	5
27	Risk factors, neuroimaging correlates and prognosis of the motoric cognitive risk syndrome: A population-based comparison with mild cognitive impairment. <i>European Journal of Neurology</i> , 2022, 29, 1587-1599.	1.7	11
28	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.	9.4	135
29	Elucidating the relationship between migraine risk and brain structure using genetic data. <i>Brain</i> , 2022, 145, 3214-3224.	3.7	7
30	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.	1.3	2
31	Kidney function and the risk of sudden cardiac death in the general population. <i>CKJ: Clinical Kidney Journal</i> , 2022, 15, 1524-1533.	1.4	4
32	Peripheral Immune Cell Numbers and C-Reactive Protein in Parkinson's Disease: Results from a Population-Based Study. <i>Journal of Parkinson's Disease</i> , 2022, 12, 667-678.	1.5	8
33	Plasma β -Amyloid, Total-Tau, and Neurofilament Light Chain Levels and the Risk of Stroke. <i>Neurology</i> , 2022, 98, .	1.5	11
34	Multi-phenotype analyses of hemostatic traits with cardiovascular events reveal novel genetic associations. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 1331-1349.	1.9	12
35	Genetic and clinical determinants of abdominal aortic diameter: genome-wide association studies, exome array data and Mendelian randomization study. <i>Human Molecular Genetics</i> , 2022, 31, 3566-3579.	1.4	5
36	Finding Correspondence between Metabolomic Features in Untargeted Liquid Chromatography-Mass Spectrometry Metabolomics Datasets. <i>Analytical Chemistry</i> , 2022, 94, 5493-5503.	3.2	9

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37	Polysomnography-estimated sleep and the negative feedback loop of the hypothalamic-pituitary-adrenal (HPA) axis. <i>Psychoneuroendocrinology</i> , 2022, 141, 105749.	1.3	4
38	Genetic evidence for the most common risk factors for chronic axonal polyneuropathy in the general population. <i>European Journal of Neurology</i> , 2022, 29, 2066-2073.	1.7	2
39	Child mental health problems as a risk factor for academic underachievement: A multi-informant, population-based study. <i>Acta Psychiatrica Scandinavica</i> , 2022, 145, 578-590.	2.2	6
40	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.	3.9	10
41	Carotid Plaque Composition and Prediction of Incident Atherosclerotic Cardiovascular Disease. Circulation: Cardiovascular Imaging, 2022, 15, CIRCIMAGING121013602.	1.3	9
42	Lung function impairment in relation to cognition and vascular brain lesions: the Rotterdam Study. <i>Journal of Neurology</i> , 2022, 269, 4141-4153.	1.8	4
43	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	7.1	75
44	Appendectomy and the subsequent risk of cancer: A prospective population-based cohort study with long follow-up. <i>Cancer Epidemiology</i> , 2022, 77, 102120.	0.8	5
45	Meta-analysis of genome-wide association studies identifies ancestry-specific associations underlying circulating total tau levels. <i>Communications Biology</i> , 2022, 5, 336.	2.0	6
46	New insights into the genetic etiology of Alzheimer's disease and related dementias. <i>Nature Genetics</i> , 2022, 54, 412-436.	9.4	700
47	Disentangling the association between kidney function and atrial fibrillation: a bidirectional Mendelian randomization study. <i>International Journal of Cardiology</i> , 2022, 355, 15-22.	0.8	13
48	Sarcopenia, systemic immune-inflammation index and all-cause mortality in middle-aged and older people with COPD and asthma: a population-based study. <i>ERJ Open Research</i> , 2022, 8, 00628-2021.	1.1	9
49	Circulatory MicroRNAs in Plasma and Atrial Fibrillation in the General Population: The Rotterdam Study. <i>Genes</i> , 2022, 13, 11.	1.0	12
50	Sex-specific anthropometric and blood pressure trajectories and risk of incident atrial fibrillation: the Rotterdam Study. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1744-1755.	0.8	3
51	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. <i>Nature Genetics</i> , 2022, 54, 560-572.	9.4	250
52	The longitudinal association of sleep and 24-hour activity rhythms with cortisol response to a very low dose of dexamethasone. <i>Sleep Health</i> , 2022, 8, 398-405.	1.3	3
53	Research Aims in Clinical Medicine: Description, Identification, or Explanation. <i>World Neurosurgery</i> , 2022, 161, 240-244.	0.7	1
54	Bidirectional Association Between Kidney Function and Atrial Fibrillation: A Population-Based Cohort Study. <i>Journal of the American Heart Association</i> , 2022, 11, e025303.	1.6	15

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55	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.	1.1	2
56	Association of Nonalcoholic Fatty Liver Disease and Fibrosis With Incident Dementia and Cognition. <i>Neurology</i> , 2022, 99, .	1.5	23
57	Projected prevalence and incidence of dementia accounting for secular trends and birth cohort effects: a population-based microsimulation study. <i>European Journal of Epidemiology</i> , 2022, 37, 807-814.	2.5	6
58	Genetic loci and prioritization of genes for kidney function decline derived from a meta-analysis of 62 longitudinal genome-wide association studies. <i>Kidney International</i> , 2022, 102, 624-639.	2.6	18
59	Differential and shared genetic effects on kidney function between diabetic and non-diabetic individuals. <i>Communications Biology</i> , 2022, 5, .	2.0	17
60	Nutrition state of science and dementia prevention: recommendations of the Nutrition for Dementia Prevention Working Group. <i>The Lancet Healthy Longevity</i> , 2022, 3, e501-e512.	2.0	26
61	Genomic analysis of diet composition finds novel loci and associations with health and lifestyle. <i>Molecular Psychiatry</i> , 2021, 26, 2056-2069.	4.1	79
62	Associations of vitamin D deficiency with MRI markers of brain health in a community sample. <i>Clinical Nutrition</i> , 2021, 40, 72-78.	2.3	17
63	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.	1.2	10
64	Microbiomics, Metabolomics, Predicted Metagenomics, and Hepatic Steatosis in a Population-Based Study of 1,355 Adults. <i>Hepatology</i> , 2021, 73, 968-982.	3.6	43
65	Genome-wide association study identifies 48 common genetic variants associated with handedness. <i>Nature Human Behaviour</i> , 2021, 5, 59-70.	6.2	79
66	Hypothetical blood-pressure-lowering interventions and risk of stroke and dementia. <i>European Journal of Epidemiology</i> , 2021, 36, 69-79.	2.5	13
67	Association of Circulating Metabolites in Plasma or Serum and Risk of Stroke. <i>Neurology</i> , 2021, 96, .	1.5	24
68	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.	6.2	193
69	Immunity and amyloid beta, total tau and neurofilament light chain: Findings from a community-based cohort study. <i>Alzheimer's and Dementia</i> , 2021, 17, 446-456.	0.4	14
70	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.	2.5	6
71	Multi-ancestry genome-wide association study accounting for gene-psychosocial factor interactions identifies novel loci for blood pressure traits. <i>Human Genetics and Genomics Advances</i> , 2021, 2, 100013.	1.0	2
72	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , 2021, 99, 926-939.	2.6	42

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73	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.	2.6	8
74	Circulating metabolites are associated with brain atrophy and white matter hyperintensities. <i>Alzheimer's and Dementia</i> , 2021, 17, 205-214.	0.4	17
75	Hearing loss and cognitive decline in the general population: a prospective cohort study. <i>Journal of Neurology</i> , 2021, 268, 860-871.	1.8	18
76	Assessment of Advanced Glycation End Products and Receptors and the Risk of Dementia. <i>JAMA Network Open</i> , 2021, 4, e2033012.	2.8	29
77	<i>miR-142-3p</i> regulates cortical oligodendrocyte gene co-expression networks associated with tauopathy. <i>Human Molecular Genetics</i> , 2021, 30, 103-118.	1.4	5
78	Common and Rare Variants Genetic Association Analysis of Circulating Neutrophil Extracellular Traps. <i>Frontiers in Immunology</i> , 2021, 12, 615527.	2.2	8
79	Genetic scores for adult subcortical volumes associate with subcortical volumes during infancy and childhood. <i>Human Brain Mapping</i> , 2021, 42, 1583-1593.	1.9	6
80	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.	2.5	2
81	Genome-wide association study in almost 195,000 individuals identifies 50 previously unidentified genetic loci for eye color. <i>Science Advances</i> , 2021, 7, .	4.7	36
82	Tinnitus and Its Central Correlates: A Neuroimaging Study in a Large Aging Population. <i>Ear and Hearing</i> , 2021, 42, 1428-1435.	1.0	3
83	Clinical Relevance of Cortical Cerebral Microinfarcts on 1.5T Magnetic Resonance Imaging in the Late-Adult Population. <i>Stroke</i> , 2021, 52, 922-930.	1.0	6
84	Age-dependent sex differences in calcium and phosphate homeostasis. <i>Endocrine Connections</i> , 2021, 10, 273-282.	0.8	19
85	Circulatory MicroRNAs as Potential Biomarkers for Stroke Risk. <i>Stroke</i> , 2021, 52, 945-953.	1.0	26
86	First participant diagnosed with Creutzfeldt-Jakob disease in the population-based Rotterdam Study was classified with mild cognitive impairment. <i>BMJ Case Reports</i> , 2021, 14, e235509.	0.2	0
87	Cardiovascular health and chronic axonal polyneuropathy: A population-based study. <i>European Journal of Neurology</i> , 2021, 28, 2046-2053.	1.7	1
88	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.	2.3	14
89	Plasma Brain-Derived Neurotrophic Factor Levels Are Associated with Aging and Smoking But Not with Future Dementia in the Rotterdam Study. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 1139-1149.	1.2	8
90	Multiomics integrative analysis identifies APOE allele-specific blood biomarkers associated to Alzheimer's disease etiopathogenesis. <i>Aging</i> , 2021, 13, 9277-9329.	1.4	15

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91	Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , 2021, 26, 6293-6304.	4.1	13
92	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.	0.5	21
93	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>Alzheimer's and Dementia</i> , 2021, 17, 1134-1144.	0.4	13
94	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.	1.5	7
95	Plasma amyloid β levels are driven by genetic variants near <i>APOE</i> , <i>BACE1</i> , <i>APP</i> , <i>PSEN2</i> : A genome-wide association study in over 12,000 non-demented participants. <i>Alzheimer's and Dementia</i> , 2021, 17, 1663-1674.	0.4	20
96	Epigenome-wide association meta-analysis of DNA methylation with coffee and tea consumption. <i>Nature Communications</i> , 2021, 12, 2830.	5.8	35
97	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.	2.4	21
98	Genetic analysis in European ancestry individuals identifies 517 loci associated with liver enzymes. <i>Nature Communications</i> , 2021, 12, 2579.	5.8	51
99	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	9.4	341
100	Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. <i>Nature Communications</i> , 2021, 12, 3417.	5.8	140
101	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. <i>Nature Communications</i> , 2021, 12, 3987.	5.8	18
102	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.	0.1	0
103	Meta-analysis of epigenome-wide association studies of carotid intima-media thickness. <i>European Journal of Epidemiology</i> , 2021, 36, 1143-1155.	2.5	10
104	C-factor: a summary measure for systemic arterial calcifications. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 317.	0.7	2
105	Thyroid Function and Physical Activity: A Population-Based Cohort Study. <i>Thyroid</i> , 2021, 31, 870-875.	2.4	12
106	Ageing, 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.	1.8	16
107	Lung Function Impairment and the Risk of Incident Dementia: The Rotterdam Study. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 621-630.	1.2	10
108	Longitudinal diffusion MRI analysis using Segis-Net: A single-step deep-learning framework for simultaneous segmentation and registration. <i>NeuroImage</i> , 2021, 235, 118004.	2.1	12

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109	Identification of 371 genetic variants for age at first sex and birth linked to externalising behaviour. <i>Nature Human Behaviour</i> , 2021, 5, 1717-1730.	6.2	62
110	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.	1.3	9
111	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.	2.5	9
112	Association of Insulin Resistance and Type 2 Diabetes With Gut Microbial Diversity. <i>JAMA Network Open</i> , 2021, 4, e2118811.	2.8	119
113	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) Tj ETQq1,1,0.784314 rgBT /O e003288.	1.6	4
114	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.	1.1	18
115	Multiethnic Genome-Wide Association Study of Subclinical Atherosclerosis in Individuals With Type 2 Diabetes. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003258.	1.6	4
116	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.	0.3	1
117	Genetic insights into biological mechanisms governing human ovarian ageing. <i>Nature</i> , 2021, 596, 393-397.	13.7	183
118	Association of Thyroid Dysfunction With Cognitive Function. <i>JAMA Internal Medicine</i> , 2021, 181, 1440.	2.6	51
119	Progression along data-driven disease timelines is predictive of Alzheimer's disease in a population-based cohort. <i>NeuroImage</i> , 2021, 238, 118233.	2.1	5
120	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.	2.0	24
121	Age at Natural Menopause and Blood Pressure Traits: Mendelian Randomization Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 4299.	1.0	8
122	P28...Social relationships and cognitive decline in adulthood: an investigation from the MRC national survey of health and development and the English longitudinal study of ageing. , 2021, , .		0
123	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. <i>Nature Genetics</i> , 2021, 53, 1311-1321.	9.4	218
124	GenNet framework: interpretable deep learning for predicting phenotypes from genetic data. <i>Communications Biology</i> , 2021, 4, 1094.	2.0	20
125	Sex-specific normal values and determinants of infrarenal abdominal aortic diameter among non-aneurysmal elderly population. <i>Scientific Reports</i> , 2021, 11, 17762.	1.6	6
126	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 European Society of Cardiology/European Atherosclerosis Society Clinical Practice Guidelines. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021, 14, e007183.	0.9	5

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127	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.	2.4	6
128	Dietary taste patterns in early childhood: the Generation R Study. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 63-69.	2.2	9
129	Hypertensive Disorders of Pregnancy and Cognitive Impairment. <i>Neurology</i> , 2021, 96, e709-e718.	1.5	34
130	Differences Between MR Brain Region Segmentation Methods: Impact on Single-Subject Analysis. <i>Frontiers in Big Data</i> , 2021, 4, 577164.	1.8	2
131	Validating biomarkers and models for epigenetic inference of alcohol consumption from blood. <i>Clinical Epigenetics</i> , 2021, 13, 198.	1.8	7
132	Determinants of the Evolution of Kidney Function With Age. <i>Kidney International Reports</i> , 2021, 6, 3054-3063.	0.4	28
133	Arterial calcification at different sites and prediction of atherosclerotic cardiovascular disease among women and men. <i>Atherosclerosis</i> , 2021, 337, 27-34.	0.4	3
134	Neural correlates of orbital telorism. <i>Cortex</i> , 2021, 145, 315-326.	1.1	0
135	Heterogeneity in Reports of Dementia Disease Duration and Severity: A Review of the Literature. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 1515-1522.	1.2	7
136	The Effect of Hearing Aid Use on the Association Between Hearing Loss and Brain Structure in Older Adults. <i>Ear and Hearing</i> , 2021, Publish Ahead of Print, .	1.0	2
137	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.	2.3	11
138	Sarcopenia in older people with chronic airway diseases: the Rotterdam study. <i>ERJ Open Research</i> , 2021, 7, 00522-2020.	1.1	8
139	Circulatory microRNAs as potential biomarkers for fatty liver disease: the Rotterdam study. <i>Alimentary Pharmacology and Therapeutics</i> , 2021, 53, 432-442.	1.9	9
140	Prevalence and determinants of healthcare avoidance during the COVID-19 pandemic: A population-based cross-sectional study. <i>PLoS Medicine</i> , 2021, 18, e1003854.	3.9	65
141	Association of low-frequency and rare coding variants with information processing speed. <i>Translational Psychiatry</i> , 2021, 11, 613.	2.4	2
142	The power of genetic diversity in genome-wide association studies of lipids. <i>Nature</i> , 2021, 600, 675-679.	18.7	353
143	How do dementia risk differences between birth cohorts affect future incidence predictions: A microsimulation study. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
144	Aetiology and prognosis of the motoric cognitive risk syndrome: A population-based comparison with mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0

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145	The association of serum immunoglobulins with cognition and dementia: The Rotterdam Study. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
146	Serum immunoglobulins and biomarkers of dementia: A population-based study. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
147	Are we targeting the right population? Application of eligibility criteria of 10 dementia prevention trials to the general population. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.4	0
148	A meta-analysis of genome-wide association studies identifies new genetic loci associated with all-cause and vascular dementia.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e056081.	0.4	0
149	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.	2.3	55
150	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.	2.3	95
151	Diet quality in early and mid-childhood in relation to trajectories of growth and body composition. <i>Clinical Nutrition</i> , 2020, 39, 845-852.	2.3	20
152	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.	4.1	191
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405	P3â€²134: CIRCULATING METABOLITES ARE ASSOCIATED WITH WHITE MATTER HYPERINTENSITIES. <i>Alzheimer's and Dementia</i> , 2018, 14, P1119.	0.4	0
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408	P4449Sex steroids, sex hormone-binding globulin and markers of micro- and macrovascular damage. <i>European Heart Journal</i> , 2018, 39, .	1.0	0
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416	P4042: HIGH-DIMENSIONAL ANALYSIS OF RNA EXPRESSION WITH CORTICAL THICKNESS. <i>Alzheimer's and Dementia</i> , 2018, 14, P1449.	0.4	0
417	O31101: 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. <i>Alzheimer's and Dementia</i> , 2018, 14, P1045.	0.4	0
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436	Thinner retinal layers are associated with changes in the visual pathway: A population-based study. <i>Human Brain Mapping</i> , 2018, 39, 4290-4301.	1.9	25
437	Association of Retinal Neurodegeneration on Optical Coherence Tomography With Dementia. <i>JAMA Neurology</i> , 2018, 75, 1256.	4.5	160
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443	Professional occupation and the risk of Parkinson's disease. <i>European Journal of Neurology</i> , 2018, 25, 1470-1476.	1.7	8
444	Molecular genetic overlap between migraine and major depressive disorder. <i>European Journal of Human Genetics</i> , 2018, 26, 1202-1216.	1.4	56
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455	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.	1.4	0
456	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.	0.8	19
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614	Adiposity as a cause of cardiovascular disease: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2015, 44, 578-586.	0.9	123
615	Concordance of genetic risk across migraine subgroups: Impact on current and future genetic association studies. <i>Cephalalgia</i> , 2015, 35, 489-499.	1.8	32
616	Shared genetic basis for migraine and ischemic stroke. <i>Neurology</i> , 2015, 84, 2132-2145.	1.5	91
617	A priori collaboration in population imaging: The Uniform Neuroimaging of Virchow-Robin Spaces Enlargement consortium. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 513-520.	1.2	46
618	Arterial Stiffness and Decline in Kidney Function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 2190-2197.	2.2	117
619	A proposed clinical and biological interpretation of mediated interaction. <i>European Journal of Epidemiology</i> , 2015, 30, 1115-1118.	2.5	23
620	The Rotterdam Scan Study: design update 2016 and main findings. <i>European Journal of Epidemiology</i> , 2015, 30, 1299-1315.	2.5	182
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624	O4-05-03: Whole exome sequence analysis of white matter hyperintensities on cranial MRI. , 2015, 11, P278-P279.		1
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627	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	13.7	772
628	Association of Alzheimer's disease GWAS loci with MRI markers of brain aging. <i>Neurobiology of Aging</i> , 2015, 36, 1765.e7-1765.e16.	1.5	82
629	Age- and Sex-Specific Causal Effects of Adiposity on Cardiovascular Risk Factors. <i>Diabetes</i> , 2015, 64, 1841-1852.	0.3	63
630	Genetic overlap between Alzheimer's disease and Parkinson's disease at the MAPT locus. <i>Molecular Psychiatry</i> , 2015, 20, 1588-1595.	4.1	133

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632	Genetic Overlap Between Diagnostic Subtypes of Ischemic Stroke. <i>Stroke</i> , 2015, 46, 615-619.	1.0	34
633	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, 850-855.	0.8	42
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635	Cognition, structural brain changes and complicated grief. A population-based study. <i>Psychological Medicine</i> , 2015, 45, 1389-1399.	2.7	34
636	Cerebral Microbleeds Are Associated With an Increased Risk of Stroke. <i>Circulation</i> , 2015, 132, 509-516.	1.6	182
637	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	13.7	173
638	Atherosclerotic calcification is related to a higher risk of dementia and cognitive decline. <i>Alzheimer's and Dementia</i> , 2015, 11, 639.	0.4	97
639	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, 2181-2191.	1.8	164
640	Tract-specific white matter degeneration in aging: The Rotterdam Study. <i>Alzheimer's and Dementia</i> , 2015, 11, 321-330.	0.4	179
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643	Subclinical cardiac dysfunction increases the risk of stroke and dementia. <i>Neurology</i> , 2015, 84, 833-840.	1.5	42
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645	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.	1.6	23
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653	Association Between Atrial Fibrillation and Dementia in the General Population. <i>JAMA Neurology</i> , 2015, 72, 1288.	4.5	207
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655	Carotid Stiffness Is Associated With Incident Stroke. <i>Journal of the American College of Cardiology</i> , 2015, 66, 2116-2125.	1.2	172
656	Cerebral small vessel disease is related to disturbed 24h activity rhythms: a population-based study. <i>European Journal of Neurology</i> , 2015, 22, 1482-1487.	1.7	38
657	The potential for prevention of dementia across two decades: the prospective, population-based Rotterdam Study. <i>BMC Medicine</i> , 2015, 13, 132.	2.3	217
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668	Common variation in PHACTR1 is associated with susceptibility to cervical artery dissection. <i>Nature Genetics</i> , 2015, 47, 78-83.	9.4	195
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675	EN-RAGE. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2695-2699.	1.1	60
676	Intracranial Carotid Artery Atherosclerosis and the Risk of Stroke in Whites. <i>JAMA Neurology</i> , 2014, 71, 405.	4.5	160
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681	Pleiotropic genes for metabolic syndrome and inflammation. <i>Molecular Genetics and Metabolism</i> , 2014, 112, 317-338.	0.5	107
682	Patterns of cognitive function in aging: the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2014, 29, 133-140.	2.5	143
683	Anxiety Is Not Associated with the Risk of Dementia or Cognitive Decline: The Rotterdam Study. <i>American Journal of Geriatric Psychiatry</i> , 2014, 22, 1382-1390.	0.6	40
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686	Cerebral Vasomotor Reactivity and Risk of Mortality. <i>Stroke</i> , 2014, 45, 42-47.	1.0	73
687	Predicting Stroke Through Genetic Risk Functions. <i>Stroke</i> , 2014, 45, 403-412.	1.0	62
688	Multilocus Genetic Risk Score Associates With Ischemic Stroke in Case-Control and Prospective Cohort Studies. <i>Stroke</i> , 2014, 45, 394-402.	1.0	56
689	Shared Genetic Susceptibility to Ischemic Stroke and Coronary Artery Disease. <i>Stroke</i> , 2014, 45, 24-36.	1.0	302
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691	A genome-wide association meta-analysis of plasma A β 2 peptides concentrations in the elderly. <i>Molecular Psychiatry</i> , 2014, 19, 1326-1335.	4.1	36
692	Inhibition of Serotonin Reuptake by Antidepressants and Cerebral Microbleeds in the General Population. <i>Stroke</i> , 2014, 45, 1951-1957.	1.0	28
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697	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. <i>BMJ, The</i> , 2014, 349, g4164-g4164.	3.0	528
698	Cognition and gait show a distinct pattern of association in the general population. <i>Alzheimer's and Dementia</i> , 2014, 10, 328-335.	0.4	95
699	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.	0.7	23
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704	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, 452-461.	4.1	61
705	Separate prediction of intracerebral hemorrhage and ischemic stroke. <i>Neurology</i> , 2014, 82, 1804-1812.	1.5	20
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707	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.		0
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709	P4-282: PLD3 ASSOCIATES TO PROLINE A PROPOSED BIOMARKER IN MAPSTONE ET AL. , 2014, 10, P887-P888.		2
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712	Abstract 55: Trans-Ethnic Meta-Analysis of Genome-Wide Association Studies on Cerebral White Matter Lesions Identifies New Loci. <i>Stroke</i> , 2014, 45, .	1.0	0
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717	The Rotterdam Study: 2014 objectives and design update. <i>European Journal of Epidemiology</i> , 2013, 28, 889-926.	2.5	282
718	The Relation of Uric Acid to Brain Atrophy and Cognition: The Rotterdam Scan Study. <i>Neuroepidemiology</i> , 2013, 41, 29-34.	1.1	64
719	Changes in Normal-Appearing White Matter Precede Development of White Matter Lesions. <i>Stroke</i> , 2013, 44, 1037-1042.	1.0	209
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722	Variant of <i>TREM2</i> Associated with the Risk of Alzheimer's Disease. <i>New England Journal of Medicine</i> , 2013, 368, 107-116.	13.9	2,085
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724	Brain cortical thickness in the general elderly population: The Rotterdam Scan Study. <i>Neuroscience Letters</i> , 2013, 550, 189-194.	1.0	70
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726	Alzheimer's Disease Genes and Cognition in the Nondemented General Population. <i>Biological Psychiatry</i> , 2013, 73, 429-434.	0.7	79
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729	Genome-wide meta-analysis identifies new susceptibility loci for migraine. <i>Nature Genetics</i> , 2013, 45, 912-917.	9.4	338
730	The association between physical activity and dementia in an elderly population: the Rotterdam Study. <i>European Journal of Epidemiology</i> , 2013, 28, 277-283.	2.5	106
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732	Rating Method for Dilated Virchow's "Robin Spaces on Magnetic Resonance Imaging. <i>Stroke</i> , 2013, 44, 1732-1735.	1.0	67
733	Psoriasis Is Not Associated with Atherosclerosis and Incident Cardiovascular Events: The Rotterdam Study. <i>Journal of Investigative Dermatology</i> , 2013, 133, 2347-2354.	0.3	102
734	The Role of Adiposity in Cardiometabolic Traits: A Mendelian Randomization Analysis. <i>PLoS Medicine</i> , 2013, 10, e1001474.	3.9	178
735	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, 2233-2239.	1.1	44
736	Retinal Vascular Calibers Associate Differentially With Cerebral Gray Matter and White Matter Atrophy. <i>Alzheimer Disease and Associated Disorders</i> , 2013, 27, 351-355.	0.6	18
737	High Blood Pressure and Cerebral White Matter Lesion Progression in the General Population. <i>Hypertension</i> , 2013, 61, 1354-1359.	1.3	180
738	Genetic Loci for Coronary Calcification and Serum Lipids Relate to Aortic and Carotid Calcification. <i>Circulation: Cardiovascular Genetics</i> , 2013, 6, 47-53.	5.1	19

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741	Genome-wide haplotype association study identifies the FRMD4A gene as a risk locus for Alzheimer's disease. <i>Molecular Psychiatry</i> , 2013, 18, 461-470.	4.1	103
742	Chronic Obstructive Pulmonary Disease and Cerebral Microbleeds. The Rotterdam Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 783-788.	2.5	63
743	Genome-Wide Profiling of Blood Pressure in Adults and Children. <i>Hypertension</i> , 2012, 59, 241-247.	1.3	31
744	Insulin Resistance and the Risk of Stroke and Stroke Subtypes in the Nondiabetic Elderly. <i>American Journal of Epidemiology</i> , 2012, 176, 699-707.	1.6	34
745	Cerebral microbleeds are associated with worse cognitive function. <i>Neurology</i> , 2012, 78, 326-333.	1.5	319
746	Genome-Wide Association Study of Vascular Dementia. <i>Stroke</i> , 2012, 43, 315-319.	1.0	51
747	The Thyroid Hormone Receptor Alpha Locus and White Matter Lesions: A Role for the Clock Gene <i>REV-ERBβ</i> . <i>Thyroid</i> , 2012, 22, 1181-1186.	2.4	3
748	Arterial Stiffness and Cerebral Small Vessel Disease. <i>Stroke</i> , 2012, 43, 2637-2642.	1.0	208
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750	Common variants at 12q14 and 12q24 are associated with hippocampal volume. <i>Nature Genetics</i> , 2012, 44, 545-551.	9.4	212
751	Common variants at 12q15 and 12q24 are associated with infant head circumference. <i>Nature Genetics</i> , 2012, 44, 532-538.	9.4	130
752	Common Genetic Variation in the <i>BCL11B</i> Gene Desert Is Associated With Carotid-Femoral Pulse Wave Velocity and Excess Cardiovascular Disease Risk. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 81-90.	5.1	90
753	A Genome-Wide Association Study Identifies Five Loci Influencing Facial Morphology in Europeans. <i>PLoS Genetics</i> , 2012, 8, e1002932.	1.5	274
754	Intracranial Carotid Artery Atherosclerosis. <i>Stroke</i> , 2012, 43, 1878-1884.	1.0	151
755	Genetic, Physiological, and Lifestyle Predictors of Mortality in the General Population. <i>American Journal of Public Health</i> , 2012, 102, e3-e10.	1.5	42
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758	Vascular risk factors, apolipoprotein E, and hippocampal decline on magnetic resonance imaging over a 10-year follow-up. <i>Alzheimer's and Dementia</i> , 2012, 8, 417-425.	0.4	21
759	Atherosclerotic calcification relates to cognitive function and to brain changes on magnetic resonance imaging. <i>Alzheimer's and Dementia</i> , 2012, 8, S104-11.	0.4	77
760	Genome-wide association study for circulating levels of PAI-1 provides novel insights into its regulation. <i>Blood</i> , 2012, 120, 4873-4881.	0.6	90
761	Is dementia incidence declining?. <i>Neurology</i> , 2012, 78, 1456-1463.	1.5	362
762	Next frontiers in the genetic epidemiology of Alzheimer's disease. <i>European Journal of Epidemiology</i> , 2012, 27, 831-836.	2.5	4
763	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	9.4	594
764	Transferrin and HFE genes interact in Alzheimer's disease risk: the Epistasis Project. <i>Neurobiology of Aging</i> , 2012, 33, 202.e1-202.e13.	1.5	51
765	Determinants of cerebellar and cerebral volume in the general elderly population. <i>Neurobiology of Aging</i> , 2012, 33, 2774-2781.	1.5	55
766	Assessment of cerebral small vessel disease predicts individual stroke risk. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 1174-1179.	0.9	33
767	Common variants at 6p21.1 are associated with large artery atherosclerotic stroke. <i>Nature Genetics</i> , 2012, 44, 1147-1151.	9.4	152
768	Genetic risk factors for ischaemic stroke and its subtypes (the METASTROKE Collaboration): a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , The, 2012, 11, 951-962.	4.9	445
769	Cerebral Hemodynamics and Incident Depression: The Rotterdam Study. <i>Biological Psychiatry</i> , 2012, 72, 318-323.	0.7	50
770	Automated measurement of local white matter lesion volume. <i>NeuroImage</i> , 2012, 59, 3901-3908.	2.1	14
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