Mohammad Kamran Ikram

List of Publications by Year in descending order

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127 papers 6,986 citations

94433 37 h-index 79698 73 g-index

129 all docs

129 docs citations

times ranked

129

11692 citing authors

#	Article	IF	CITATIONS
1	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. Nature Communications, 2018, 9, 2098.	12.8	484
2	Are Retinal Arteriolar or Venular Diameters Associated with Markers for Cardiovascular Disorders? The Rotterdam Study., 2004, 45, 2129.		455
3	Objectives, design and main findings until 2020 from the Rotterdam Study. European Journal of Epidemiology, 2020, 35, 483-517.	5.7	314
4	Retinal Vessel Diameters and Risk of Hypertension. Hypertension, 2006, 47, 189-194.	2.7	293
5	Microvascular network alterations in the retina of patients with Alzheimer's disease. Alzheimer's and Dementia, 2014, 10, 135-142.	0.8	255
6	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	12.8	250
7	Spectral-Domain OCT Measurements in Alzheimer's Disease. Ophthalmology, 2019, 126, 497-510.	5.2	236
8	Twenty-seven-year time trends in dementia incidence in Europe and the United States. Neurology, 2020, 95, e519-e531.	1.1	227
9	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
10	Retinal vessel diameters and cerebral small vessel disease: the Rotterdam Scan Study. Brain, 2006, 129, 182-188.	7.6	203
11	Imaging retina to study dementia and stroke. Progress in Retinal and Eye Research, 2017, 57, 89-107.	15.5	195
12	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
13	The effect of APOE and other common genetic variants on the onset of Alzheimer's disease and dementia: a community-based cohort study. Lancet Neurology, The, 2018, 17, 434-444.	10.2	177
14	Association of Retinal Neurodegeneration on Optical Coherence Tomography With Dementia. JAMA Neurology, 2018, 75, 1256.	9.0	160
15	Prevalence, risk factors and consequences of cerebral small vessel diseases: data from three Asian countries. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 669-674.	1.9	151
16	Four Novel Loci (19q13, 6q24, 12q24, and 5q14) Influence the Microcirculation In Vivo. PLoS Genetics, 2010, 6, e1001184.	3.5	134
17	Genetic predisposition, modifiable-risk-factor profile and long-term dementia risk in the general population. Nature Medicine, 2019, 25, 1364-1369.	30.7	132
18	Retinal Vessel Diameters and Risk of Impaired Fasting Glucose or Diabetes. Diabetes, 2006, 55, 506-510.	0.6	114

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19	Meta-analysis of genome-wide association studies of adult height in East Asians identifies 17 novel loci. Human Molecular Genetics, 2015, 24, 1791-1800.	2.9	105
20	Atherosclerotic Carotid Plaque Composition and Incident Stroke and Coronary Events. Journal of the American College of Cardiology, 2021, 77, 1426-1435.	2.8	103
21	Cortical cerebral microinfarcts on 3T MRI. Neurology, 2016, 87, 1583-1590.	1.1	101
22	Relationship between Refraction and Prevalent as well as Incident Age-Related Maculopathy: The Rotterdam Study., 2003, 44, 3778.		92
23	Enlarged perivascular spaces and cognition. Neurology, 2018, 91, e832-e842.	1.1	88
24	Retinal Vascular Fractal Dimension Is Associated with Cognitive Dysfunction. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 43-50.	1.6	76
25	Subregional volumes of the hippocampus in relation to cognitive function and risk of dementia. Neurolmage, 2018, 178, 129-135.	4.2	75
26	Retinal neurodegeneration and brain MRI markers: the Rotterdam Study. Neurobiology of Aging, 2017, 60, 183-191.	3.1	73
27	Hemoglobin and anemia in relation to dementia risk and accompanying changes on brain MRI. Neurology, 2019, 93, e917-e926.	1.1	66
28	Lifetime risk and multimorbidity of non-communicable diseases and disease-free life expectancy in the general population: A population-based cohort study. PLoS Medicine, 2019, 16, e1002741.	8.4	66
29	Prevalence and determinants of healthcare avoidance during the COVID-19 pandemic: A population-based cross-sectional study. PLoS Medicine, 2021, 18, e1003854.	8.4	65
30	Sleep and risk of parkinsonism and Parkinson's disease: a population-based study. Brain, 2019, 142, 2013-2022.	7.6	63
31	Development and Validation of a Dementia Risk Prediction Model in the General Population: An Analysis of Three Longitudinal Studies. American Journal of Psychiatry, 2019, 176, 543-551.	7.2	61
32	Association Between Subclinical Cardiac Biomarkers and Clinically Manifest Cardiac Diseases With Cortical Cerebral Microinfarcts. JAMA Neurology, 2017, 74, 403.	9.0	57
33	Balance between innate versus adaptive immune system and the risk of dementia: a population-based cohort study. Journal of Neuroinflammation, 2019, 16, 68.	7.2	55
34	Practical Small Vessel Disease Score Relates to Stroke, Dementia, and Death. Stroke, 2018, 49, 2857-2865.	2.0	51
35	Lifetime risk of common neurological diseases in the elderly population. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 148-156.	1.9	50
36	Variation in blood pressure and long-term risk of dementia: A population-based cohort study. PLoS Medicine, 2019, 16, e1002933.	8.4	49

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37	Retinal Vessel Diameters and Incident Open-Angle Glaucoma and Optic Disc Changes: The Rotterdam Study. , 2005, 46, 1182.		47
38	Prestroke Vascular Pathology and the Risk of Recurrent Stroke and Poststroke Dementia. Stroke, 2016, 47, 2119-2122.	2.0	47
39	Parental family history of dementia in relation to subclinical brain disease and dementia risk. Neurology, 2017, 88, 1642-1649.	1.1	44
40	Prevalence of Tinnitus in an Aging Population and Its Relation to Age and Hearing Loss. Otolaryngology - Head and Neck Surgery, 2021, 164, 859-868.	1.9	42
41	Vitamin D Status and Risk of Stroke. Stroke, 2019, 50, 2293-2298.	2.0	41
42	Posterior Eye Shape Measurement With Retinal OCT Compared to MRI., 2016, 57, OCT196.		39
43	Plasma amyloid- \hat{l}^2 levels, cerebral atrophy and risk of dementia: a population-based study. Alzheimer's Research and Therapy, 2018, 10, 63.	6.2	39
44	Placental Growth Factor as an Indicator of Maternal Cardiovascular Risk After Pregnancy. Circulation, 2019, 139, 1698-1709.	1.6	38
45	Blood Pressure Variation and Subclinical Brain Disease. Journal of the American College of Cardiology, 2020, 75, 2387-2399.	2.8	38
46	Serum magnesium is associated with the risk of dementia. Neurology, 2017, 89, 1716-1722.	1.1	37
47	Associations of Endogenous Estradiol and Testosterone Levels With Plaque Composition and Risk of Stroke in Subjects With Carotid Atherosclerosis. Circulation Research, 2018, 122, 97-105.	4.5	36
48	Serum ILâ€8 is a marker of whiteâ€matter hyperintensities in patients with Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 7, 41-47.	2.4	34
49	A genome-wide association study identifies new loci for factor VII and implicates factor VII in ischemic stroke etiology. Blood, 2019, 133, 967-977.	1.4	34
50	Actigraphyâ€estimated sleep and 24â€hour activity rhythms and the risk of dementia. Alzheimer's and Dementia, 2020, 16, 1259-1267.	0.8	34
51	Retinal Vessel Diameters and the Risk of Incident Age-Related Macular DiseaseThe Rotterdam study. Ophthalmology, 2005, 112, 548-552.	5.2	30
52	Influence of Maternal Angiogenic Factors During Pregnancy on Microvascular Structure in School-Age Children. Hypertension, 2015, 65, 722-728.	2.7	30
53	Retinal Microvasculature Is Associated With Long-Term Survival in the General Adult Dutch Population. Hypertension, 2016, 67, 281-287.	2.7	30
54	Quantitative gait, cognitive decline, and incident dementia: The Rotterdam Study. Alzheimer's and Dementia, 2019, 15, 1264-1273.	0.8	30

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55	Vertebrobasilar artery calcification: Prevalence and risk factors in the general population. Atherosclerosis, 2019, 286, 46-52.	0.8	30
56	MIND diet and the risk of dementia: a population-based study. Alzheimer's Research and Therapy, 2022, 14, 8.	6.2	30
57	Retinal microvasculature and white matter microstructure. Neurology, 2016, 87, 1003-1010.	1.1	29
58	Enlarged Perivascular Spaces and Dementia: A Systematic Review. Journal of Alzheimer's Disease, 2019, 72, 247-256.	2.6	29
59	The association of innate and adaptive immunity, subclinical atherosclerosis, and cardiovascular disease in the Rotterdam Study: A prospective cohort study. PLoS Medicine, 2020, 17, e1003115.	8.4	29
60	Assessment of Advanced Glycation End Products and Receptors and the Risk of Dementia. JAMA Network Open, 2021, 4, e2033012.	5.9	29
61	Life expectancy of parkinsonism patients in the general population. Parkinsonism and Related Disorders, 2020, 77, 94-99.	2.2	28
62	Subjective Sleep Quality is not Associated with Incident Dementia: The Rotterdam Study. Journal of Alzheimer's Disease, 2018, 64, 239-247.	2.6	26
63	Circulatory MicroRNAs as Potential Biomarkers for Stroke Risk. Stroke, 2021, 52, 945-953.	2.0	26
64	Long-term trajectories of decline in cognition and daily functioning before and after stroke. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 1158-1163.	1.9	26
65	Cerebral microbleeds and neuropsychiatric symptoms in an elderly Asian cohort. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 7-11.	1.9	25
66	Retinal Vascular Calibers and Risk of Late-Life Depression: The Rotterdam Study. American Journal of Geriatric Psychiatry, 2010, 18, 452-455.	1.2	24
67	Trends in the incidence of dementia: design and methods in the Alzheimer Cohorts Consortium. European Journal of Epidemiology, 2017, 32, 931-938.	5.7	23
68	Retinal Microvascular Calibers Are Associated With Enlarged Perivascular Spaces in the Brain. Stroke, 2016, 47, 1374-1376.	2.0	22
69	Risk of hemorrhagic and ischemic stroke in patients with Alzheimer disease. Neurology, 2020, 94, 265-272.	1.1	22
70	Time Trends in Survival Following First Hemorrhagic or Ischemic Stroke Between 1991 and 2015 in the Rotterdam Study. Stroke, 2020, 51, 824-829.	2.0	21
71	Von Willebrand factor and ADAMTS13 activity in relation to risk of dementia: a population-based study. Scientific Reports, 2018, 8, 5474.	3.3	20
72	N-Terminal Pro-B–Type Natriuretic Peptide Is Related to Retinal Microvascular Damage. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1698-1702.	2.4	16

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73	Ethical Considerations in Screening for Rapid Eye Movement Sleep Behavior Disorder in the General Population. Movement Disorders, 2020, 35, 1939-1944.	3.9	16
74	The Revised Framingham Stroke Risk Profile in a Primary Prevention Population. Circulation, 2017, 135, 2207-2209.	1.6	15
75	Prevalence and clinical relevance of diffusion-weighted imaging lesions. Neurology, 2019, 93, e1058-e1067.	1.1	15
76	Gestational hypertensive disorders and retinal microvasculature: the Generation R Study. BMC Medicine, 2017, 15, 153.	5.5	14
77	Homocysteine and Cerebral Atrophy: The Epidemiology of Dementia in Singapore Study. Journal of Alzheimer's Disease, 2018, 62, 877-885.	2.6	14
78	Kidney Function and the Risk of Stroke and Dementia: The Rotterdam Study. Journal of Alzheimer's Disease, 2019, 67, 821-826.	2.6	14
79	Unraveling the Association Between Gait and Mortality—One Step at a Time. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1184-1190.	3.6	14
80	Mild Cognitive Impairment and Dementia Show Contrasting Associations with Risk of Cancer. Neuroepidemiology, 2018, 50, 207-215.	2.3	13
81	Maternal cardiovascular adaptation to twin pregnancy: a population-based prospective cohort study. BMC Pregnancy and Childbirth, 2020, 20, 327.	2.4	13
82	Lower complexity and higher variability in beatâ€toâ€beat systolic blood pressure are associated with elevated longâ€term risk of dementia: The Rotterdam Study. Alzheimer's and Dementia, 2021, 17, 1134-1144.	0.8	13
83	Morphological Subtypes of Intracranial Internal Carotid Artery Arteriosclerosis and the Risk of Stroke. Stroke, 2022, 53, 1339-1347.	2.0	13
84	Thoracic Aortic Diameter and Cardiovascular Events and Mortality among Women and Men. Radiology, 2022, 304, 208-215.	7.3	13
85	Response to Are Narrower or Wider Retinal Venules Associated With Incident Hypertension?. Hypertension, 2006, 48, .	2.7	11
86	Orthostatic Hypotension: A Prodromal Marker of Parkinson's Disease?. Movement Disorders, 2021, 36, 164-170.	3.9	11
87	Risk factors, neuroimaging correlates and prognosis of the motoric cognitive risk syndrome: A populationâ€based comparison with mild cognitive impairment. European Journal of Neurology, 2022, 29, 1587-1599.	3.3	11
88	Associations of Maternal Retinal Vasculature with Subsequent Fetal Growth and Birth Size. PLoS ONE, 2015, 10, e0118250.	2.5	10
89	Application of an Imaging-Based Sum Score for Cerebral Amyloid Angiopathy to the General Population: Risk of Major Neurological Diseases and Mortality. Frontiers in Neurology, 2019, 10, 1276.	2.4	10
90	Structural disconnectivity and the risk of dementia in the general population. Neurology, 2020, 95, e1528-e1537.	1.1	10

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91	Analyzing the effect of APOE on Alzheimer's disease progression using an event-based model for stratified populations. Neurolmage, 2021, 227, 117646.	4.2	10
92	Lung Function Impairment and the Risk of Incident Dementia: The Rotterdam Study. Journal of Alzheimer's Disease, 2021, 82, 621-630.	2.6	10
93	Visit-to-visit blood pressure variability and the risk of stroke in the Netherlands: A population-based cohort study. PLoS Medicine, 2022, 19, e1003942.	8.4	10
94	Ankle brachial index, MRI markers and cognition: The Epidemiology of Dementia in Singapore study. Atherosclerosis, 2017, 263, 272-277.	0.8	9
95	Automated Segmentation and Volume Measurement of Intracranial Internal Carotid Artery Calcification at Noncontrast CT. Radiology: Artificial Intelligence, 2021, 3, e200226.	5 . 8	9
96	Carotid Plaque Composition and Prediction of Incident Atherosclerotic Cardiovascular Disease. Circulation: Cardiovascular Imaging, 2022, 15, CIRCIMAGING121013602.	2.6	9
97	Global cerebrovascular burden and long-term clinical outcomes in Asian elderly across the spectrum of cognitive impairment. International Psychogeriatrics, 2018, 30, 1355-1363.	1.0	8
98	Additive effect of cerebral atrophy on cognition in dementia-free elderly with cerebrovascular disease. Stroke and Vascular Neurology, 2019, 4, 135-140.	3.3	7
99	Low Accuracy of Brief Cognitive Tests in Tracking Longitudinal Cognitive Decline in an Asian Elderly Cohort. Journal of Alzheimer's Disease, 2018, 62, 409-416.	2.6	6
100	Clinical Relevance of Cortical Cerebral Microinfarcts on 1.5T Magnetic Resonance Imaging in the Late-Adult Population. Stroke, 2021, 52, 922-930.	2.0	6
101	Probing the Pre-diagnostic Phase of Parkinson's Disease in Population-Based Studies. Frontiers in Neurology, 2021, 12, 702502.	2.4	6
102	Life expectancy with and without dementia in persons with mild cognitive impairment in the community. Journal of the American Geriatrics Society, 2022, 70, 481-489.	2.6	6
103	Changing Patterns of Patient Characteristics in a Memory Clinic in Singapore. Journal of the American Medical Directors Association, 2016, 17, 863.e9-863.e14.	2.5	5
104	Caregiver-Reported Sleep Disturbances Are Associated With Behavioral and Psychological Symptoms in an Asian Elderly Cohort With Cognitive Impairment-No Dementia. Journal of Geriatric Psychiatry and Neurology, 2018, 31, 70-75.	2.3	5
105	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. Circulation:	2.2	5
106	Cardiovascular Quality and Outcomes, 2021, 14, e007183. Genetic Determinants of Serum Calcification Propensity and Cardiovascular Outcomes in the General Population. Frontiers in Cardiovascular Medicine, 2021, 8, 809717.	2.4	5
107	Lung function impairment in relation to cognition and vascular brain lesions: the Rotterdam Study. Journal of Neurology, 2022, 269, 4141-4153.	3.6	4
108	Impact of maternal smoking during pregnancy on microvasculature in childhood. The Generation R Study. Early Human Development, 2015, 91, 607-611.	1.8	3

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109	Epidemiology of Polypharmacy in the General Population: 27-Year Prospective Cohort Study. Journal of the American Medical Directors Association, 2020, 21, 1177-1179.	2.5	3
110	Unspecified Strokes: Time Trends, Determinants, and Long-Term Prognosis in the General Population. Neuroepidemiology, 2020, 54, 334-342.	2.3	3
111	Arterial calcification at different sites and prediction of atherosclerotic cardiovascular disease among women and men. Atherosclerosis, 2021, 337, 27-34.	0.8	3
112	Translational Epidemiology in Ophthalmology: From Etiologic Research to Personalized Health Impact. Translational Vision Science and Technology, 2012, 1, 1.	2.2	2
113	C-factor: a summary measure for systemic arterial calcifications. BMC Cardiovascular Disorders, 2021, 21, 317.	1.7	2
114	[P1–012]: HAEMOGLOBIN IN RELATION TO CEREBRAL PERFUSION AND RISK OF DEMENTIA: A POPULATIONâ€BASED STUDY. Alzheimer's and Dementia, 2017, 13, P237.	0.8	1
115	Response by Berghout et al to Letters Regarding Article, "Vitamin D Status and Risk of Stroke: The Rotterdam Study― Stroke, 2019, 50, e432.	2.0	1
116	Clinical interpretation of negative mediated interaction. International Journal of Epidemiology, 2019, 48, 1286-1293.	1.9	1
117	[P2–529]: MILD COGNITIVE IMPAIRMENT IS, IN CONTRAST TO DEMENTIA, ASSOCIATED WITH AN INCREASED RISK OF CANCER. Alzheimer's and Dementia, 2017, 13, P845.	0.8	0
118	[P1–578]: HAEMOGLOBIN IN RELATION TO CEREBRAL PERFUSION AND RISK OF DEMENTIA: A POPULATIONâ€BASED STUDY. Alzheimer's and Dementia, 2017, 13, P516.	0.8	0
119	O5â€04â€05: GENETIC VARIATION UNDERLYING COGNITION AND ITS RELATION WITH NEUROLOGICAL OUTCOM Alzheimer's and Dementia, 2018, 14, P1652.	ES. 0.8	0
120	Case-Control Studies in Neurosurgery: the Issue of Effect Estimates. World Neurosurgery, 2022, , .	1.3	0
121	The association of serum immunoglobulins with cognition and dementia: The Rotterdam Study. Alzheimer's and Dementia, 2021, 17, .	0.8	0
122	Are we targeting the right population? Application of eligibility criteria of 10 dementia prevention trials to the general population. Alzheimer's and Dementia, 2021, 17, .	0.8	0
123	Title is missing!. , 2020, 17, e1003115.		О
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