

Mohammad Kamran Ikram

List of Publications by Year in descending order

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Version: 2024-02-01

127
papers

6,986
citations

94269

37
h-index

79541

73
g-index

129
all docs

129
docs citations

129
times ranked

11692
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	5.8	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. <i>European Journal of Epidemiology</i> , 2020, 35, 483-517.	2.5	314
4	Retinal Vessel Diameters and Risk of Hypertension. <i>Hypertension</i> , 2006, 47, 189-194.	1.3	293
5	Microvascular network alterations in the retina of patients with Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2014, 10, 135-142.	0.4	255
6	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	5.8	250
7	Spectral-Domain OCT Measurements in Alzheimer's Disease. <i>Ophthalmology</i> , 2019, 126, 497-510.	2.5	236
8	Twenty-seven-year time trends in dementia incidence in Europe and the United States. <i>Neurology</i> , 2020, 95, e519-e531.	1.5	227
9	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	7.1	213
10	Retinal vessel diameters and cerebral small vessel disease: the Rotterdam Scan Study. <i>Brain</i> , 2006, 129, 182-188.	3.7	203
11	Imaging retina to study dementia and stroke. <i>Progress in Retinal and Eye Research</i> , 2017, 57, 89-107.	7.3	195
12	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	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. <i>Lancet Neurology</i> , The, 2018, 17, 434-444.	4.9	177
14	Association of Retinal Neurodegeneration on Optical Coherence Tomography With Dementia. <i>JAMA Neurology</i> , 2018, 75, 1256.	4.5	160
15	Prevalence, risk factors and consequences of cerebral small vessel diseases: data from three Asian countries. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 669-674.	0.9	151
16	Four Novel Loci (19q13, 6q24, 12q24, and 5q14) Influence the Microcirculation In Vivo. <i>PLoS Genetics</i> , 2010, 6, e1001184.	1.5	134
17	Genetic predisposition, modifiable-risk-factor profile and long-term dementia risk in the general population. <i>Nature Medicine</i> , 2019, 25, 1364-1369.	15.2	132
18	Retinal Vessel Diameters and Risk of Impaired Fasting Glucose or Diabetes: The Rotterdam Study. <i>Diabetes</i> , 2006, 55, 506-510.	0.3	114

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19	Meta-analysis of genome-wide association studies of adult height in East Asians identifies 17 novel loci. <i>Human Molecular Genetics</i> , 2015, 24, 1791-1800.	1.4	105
20	Atherosclerotic Carotid Plaque Composition and Incident Stroke and Coronary Events. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1426-1435.	1.2	103
21	Cortical cerebral microinfarcts on 3T MRI. <i>Neurology</i> , 2016, 87, 1583-1590.	1.5	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. <i>Neurology</i> , 2018, 91, e832-e842.	1.5	88
24	Retinal Vascular Fractal Dimension Is Associated with Cognitive Dysfunction. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 43-50.	0.7	76
25	Subregional volumes of the hippocampus in relation to cognitive function and risk of dementia. <i>NeuroImage</i> , 2018, 178, 129-135.	2.1	75
26	Retinal neurodegeneration and brain MRI markers: the Rotterdam Study. <i>Neurobiology of Aging</i> , 2017, 60, 183-191.	1.5	73
27	Hemoglobin and anemia in relation to dementia risk and accompanying changes on brain MRI. <i>Neurology</i> , 2019, 93, e917-e926.	1.5	66
28	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.	3.9	66
29	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
30	Sleep and risk of parkinsonism and Parkinsonâ€™s disease: a population-based study. <i>Brain</i> , 2019, 142, 2013-2022.	3.7	63
31	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.	4.0	61
32	Association Between Subclinical Cardiac Biomarkers and Clinically Manifest Cardiac Diseases With Cortical Cerebral Microinfarcts. <i>JAMA Neurology</i> , 2017, 74, 403.	4.5	57
33	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.	3.1	55
34	Practical Small Vessel Disease Score Relates to Stroke, Dementia, and Death. <i>Stroke</i> , 2018, 49, 2857-2865.	1.0	51
35	Lifetime risk of common neurological diseases in the elderly population. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 148-156.	0.9	50
36	Variation in blood pressure and long-term risk of dementia: A population-based cohort study. <i>PLoS Medicine</i> , 2019, 16, e1002933.	3.9	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.	1.0	47
39	Parental family history of dementia in relation to subclinical brain disease and dementia risk. Neurology, 2017, 88, 1642-1649.	1.5	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.	1.1	42
41	Vitamin D Status and Risk of Stroke. Stroke, 2019, 50, 2293-2298.	1.0	41
42	Posterior Eye Shape Measurement With Retinal OCT Compared to MRI. , 2016, 57, OCT196.		39
43	Plasma amyloid- β^2 levels, cerebral atrophy and risk of dementia: a population-based study. Alzheimer's Research and Therapy, 2018, 10, 63.	3.0	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.	1.2	38
46	Serum magnesium is associated with the risk of dementia. Neurology, 2017, 89, 1716-1722.	1.5	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.	2.0	36
48	Serum IL-8 is a marker of white matter hyperintensities in patients with Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 7, 41-47.	1.2	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.	0.6	34
50	Actigraphy-estimated sleep and 24-hour activity rhythms and the risk of dementia. Alzheimer's and Dementia, 2020, 16, 1259-1267.	0.4	34
51	Retinal Vessel Diameters and the Risk of Incident Age-Related Macular DiseaseThe Rotterdam study. Ophthalmology, 2005, 112, 548-552.	2.5	30
52	Influence of Maternal Angiogenic Factors During Pregnancy on Microvascular Structure in School-Age Children. Hypertension, 2015, 65, 722-728.	1.3	30
53	Retinal Microvasculature Is Associated With Long-Term Survival in the General Adult Dutch Population. Hypertension, 2016, 67, 281-287.	1.3	30
54	Quantitative gait, cognitive decline, and incident dementia: The Rotterdam Study. Alzheimer's and Dementia, 2019, 15, 1264-1273.	0.4	30

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55	Vertebrobasilar artery calcification: Prevalence and risk factors in the general population. <i>Atherosclerosis</i> , 2019, 286, 46-52.	0.4	30
56	MIND diet and the risk of dementia: a population-based study. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 8.	3.0	30
57	Retinal microvasculature and white matter microstructure. <i>Neurology</i> , 2016, 87, 1003-1010.	1.5	29
58	Enlarged Perivascular Spaces and Dementia: A Systematic Review. <i>Journal of Alzheimer's Disease</i> , 2019, 72, 247-256.	1.2	29
59	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.	3.9	29
60	Assessment of Advanced Glycation End Products and Receptors and the Risk of Dementia. <i>JAMA Network Open</i> , 2021, 4, e2033012.	2.8	29
61	Life expectancy of parkinsonism patients in the general population. <i>Parkinsonism and Related Disorders</i> , 2020, 77, 94-99.	1.1	28
62	Subjective Sleep Quality is not Associated with Incident Dementia: The Rotterdam Study. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 239-247.	1.2	26
63	Circulatory MicroRNAs as Potential Biomarkers for Stroke Risk. <i>Stroke</i> , 2021, 52, 945-953.	1.0	26
64	Long-term trajectories of decline in cognition and daily functioning before and after stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 1158-1163.	0.9	26
65	Cerebral microbleeds and neuropsychiatric symptoms in an elderly Asian cohort. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 7-11.	0.9	25
66	Retinal Vascular Calibers and Risk of Late-Life Depression: The Rotterdam Study. <i>American Journal of Geriatric Psychiatry</i> , 2010, 18, 452-455.	0.6	24
67	Trends in the incidence of dementia: design and methods in the Alzheimer Cohorts Consortium. <i>European Journal of Epidemiology</i> , 2017, 32, 931-938.	2.5	23
68	Retinal Microvascular Calibers Are Associated With Enlarged Perivascular Spaces in the Brain. <i>Stroke</i> , 2016, 47, 1374-1376.	1.0	22
69	Risk of hemorrhagic and ischemic stroke in patients with Alzheimer disease. <i>Neurology</i> , 2020, 94, 265-272.	1.5	22
70	Time Trends in Survival Following First Hemorrhagic or Ischemic Stroke Between 1991 and 2015 in the Rotterdam Study. <i>Stroke</i> , 2020, 51, 824-829.	1.0	21
71	Von Willebrand factor and ADAMTS13 activity in relation to risk of dementia: a population-based study. <i>Scientific Reports</i> , 2018, 8, 5474.	1.6	20
72	N-Terminal Pro-B α -Type Natriuretic Peptide Is Related to Retinal Microvascular Damage. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1698-1702.	1.1	16

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73	Ethical Considerations in Screening for Rapid Eye Movement Sleep Behavior Disorder in the General Population. <i>Movement Disorders</i> , 2020, 35, 1939-1944.	2.2	16
74	The Revised Framingham Stroke Risk Profile in a Primary Prevention Population. <i>Circulation</i> , 2017, 135, 2207-2209.	1.6	15
75	Prevalence and clinical relevance of diffusion-weighted imaging lesions. <i>Neurology</i> , 2019, 93, e1058-e1067.	1.5	15
76	Gestational hypertensive disorders and retinal microvasculature: the Generation R Study. <i>BMC Medicine</i> , 2017, 15, 153.	2.3	14
77	Homocysteine and Cerebral Atrophy: The Epidemiology of Dementia in Singapore Study. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 877-885.	1.2	14
78	Kidney Function and the Risk of Stroke and Dementia: The Rotterdam Study. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 821-826.	1.2	14
79	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.	1.7	14
80	Mild Cognitive Impairment and Dementia Show Contrasting Associations with Risk of Cancer. <i>Neuroepidemiology</i> , 2018, 50, 207-215.	1.1	13
81	Maternal cardiovascular adaptation to twin pregnancy: a population-based prospective cohort study. <i>BMC Pregnancy and Childbirth</i> , 2020, 20, 327.	0.9	13
82	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
83	Morphological Subtypes of Intracranial Internal Carotid Artery Arteriosclerosis and the Risk of Stroke. <i>Stroke</i> , 2022, 53, 1339-1347.	1.0	13
84	Thoracic Aortic Diameter and Cardiovascular Events and Mortality among Women and Men. <i>Radiology</i> , 2022, 304, 208-215.	3.6	13
85	Response to Are Narrower or Wider Retinal Venules Associated With Incident Hypertension?. <i>Hypertension</i> , 2006, 48, .	1.3	11
86	Orthostatic Hypotension: A Prodromal Marker of Parkinson's Disease?. <i>Movement Disorders</i> , 2021, 36, 164-170.	2.2	11
87	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
88	Associations of Maternal Retinal Vasculature with Subsequent Fetal Growth and Birth Size. <i>PLoS ONE</i> , 2015, 10, e0118250.	1.1	10
89	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.	1.1	10
90	Structural disconnectivity and the risk of dementia in the general population. <i>Neurology</i> , 2020, 95, e1528-e1537.	1.5	10

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91	Analyzing the effect of APOE on Alzheimer's disease progression using an event-based model for stratified populations. <i>NeuroImage</i> , 2021, 227, 117646.	2.1	10
92	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
93	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
94	Ankle brachial index, MRI markers and cognition: The Epidemiology of Dementia in Singapore study. <i>Atherosclerosis</i> , 2017, 263, 272-277.	0.4	9
95	Automated Segmentation and Volume Measurement of Intracranial Internal Carotid Artery Calcification at Noncontrast CT. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200226.	3.0	9
96	Carotid Plaque Composition and Prediction of Incident Atherosclerotic Cardiovascular Disease. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, CIRCIMAGING121013602.	1.3	9
97	Global cerebrovascular burden and long-term clinical outcomes in Asian elderly across the spectrum of cognitive impairment. <i>International Psychogeriatrics</i> , 2018, 30, 1355-1363.	0.6	8
98	Additive effect of cerebral atrophy on cognition in dementia-free elderly with cerebrovascular disease. <i>Stroke and Vascular Neurology</i> , 2019, 4, 135-140.	1.5	7
99	Low Accuracy of Brief Cognitive Tests in Tracking Longitudinal Cognitive Decline in an Asian Elderly Cohort. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 409-416.	1.2	6
100	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
101	Probing the Pre-diagnostic Phase of Parkinson's Disease in Population-Based Studies. <i>Frontiers in Neurology</i> , 2021, 12, 702502.	1.1	6
102	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
103	Changing Patterns of Patient Characteristics in a Memory Clinic in Singapore. <i>Journal of the American Medical Directors Association</i> , 2016, 17, 863.e9-863.e14.	1.2	5
104	Caregiver-Reported Sleep Disturbances Are Associated With Behavioral and Psychological Symptoms in an Asian Elderly Cohort With Cognitive Impairment-No Dementia. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2018, 31, 70-75.	1.2	5
105	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
106	Genetic Determinants of Serum Calcification Propensity and Cardiovascular Outcomes in the General Population. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 809717.	1.1	5
107	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
108	Impact of maternal smoking during pregnancy on microvasculature in childhood. <i>The Generation R Study</i> . <i>Early Human Development</i> , 2015, 91, 607-611.	0.8	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.	1.2	3
110	Unspecified Strokes: Time Trends, Determinants, and Long-Term Prognosis in the General Population. Neuroepidemiology, 2020, 54, 334-342.	1.1	3
111	Arterial calcification at different sites and prediction of atherosclerotic cardiovascular disease among women and men. Atherosclerosis, 2021, 337, 27-34.	0.4	3
112	Translational Epidemiology in Ophthalmology: From Etiologic Research to Personalized Health Impact. Translational Vision Science and Technology, 2012, 1, 1.	1.1	2
113	C-factor: a summary measure for systemic arterial calcifications. BMC Cardiovascular Disorders, 2021, 21, 317.	0.7	2
114	[P1â€“012]: HAEMOGLOBIN IN RELATION TO CEREBRAL PERFUSION AND RISK OF DEMENTIA: A POPULATIONâ€“BASED STUDY. Alzheimer's and Dementia, 2017, 13, P237.	0.4	1
115	Response by Berghout et al to Letters Regarding Article, â€œVitamin D Status and Risk of Stroke: The Rotterdam Studyâ€œ. Stroke, 2019, 50, e432.	1.0	1
116	Clinical interpretation of negative mediated interaction. International Journal of Epidemiology, 2019, 48, 1286-1293.	0.9	1
117	[P2â€“529]: MILD COGNITIVE IMPAIRMENT IS, IN CONTRAST TO DEMENTIA, ASSOCIATED WITH AN INCREASED RISK OF CANCER. Alzheimer's and Dementia, 2017, 13, P845.	0.4	0
118	[P1â€“578]: HAEMOGLOBIN IN RELATION TO CEREBRAL PERFUSION AND RISK OF DEMENTIA: A POPULATIONâ€“BASED STUDY. Alzheimer's and Dementia, 2017, 13, P516.	0.4	0
119	O5â€“04â€“05: GENETIC VARIATION UNDERLYING COGNITION AND ITS RELATION WITH NEUROLOGICAL OUTCOMES. Alzheimer's and Dementia, 2018, 14, P1652.	0.4	0
120	Case-Control Studies in Neurosurgery: the Issue of Effect Estimates. World Neurosurgery, 2022, , .	0.7	0
121	The association of serum immunoglobulins with cognition and dementia: The Rotterdam Study. Alzheimer's and Dementia, 2021, 17, .	0.4	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, .	0.4	0
123	Title is missing!. , 2020, 17, e1003115.		0
124	Title is missing!. , 2020, 17, e1003115.		0
125	Title is missing!. , 2020, 17, e1003115.		0
126	Title is missing!. , 2020, 17, e1003115.		0

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127	Title is missing!. , 2020, 17, e1003115.		0