Jayanadra J Himali

List of Publications by Year
in descending order

81 papers	6,588 citations	136950 32 h-index	106344 65 g-index
91 all docs	91 docs citations	91 times ranked	11398 citing authors

#	Article	IF	Citations
1	Genetic meta-analysis of diagnosed Alzheimerâ€™s disease identifies new risk loci and implicates AÎ², tau, immunity and lipid processing. Nature Genetics, 2019, 51, 414-430.	21.4	1,962
2	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. Nature Genetics, 2017, 49, 1373-1384.	21.4	783
3	Association of MRI Markers of Vascular Brain Injury With Incident Stroke, Mild Cognitive Impairment, Dementia, and Mortality. Stroke, 2010, 41, 600-606.	2.0	418
4	Relations of arterial stiffness and endothelial function to brain aging in the community. Neurology, 2013, 81, 984-991.	1.1	213
5	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
6	Sleep architecture and the risk of incident dementia in the community. Neurology, 2017, 89, 1244-1250.	1.1	174
7	Antihypertensive medications and risk for incident dementia and Alzheimer's disease: a meta-analysis of individual participant data from prospective cohort studies. Lancet Neurology, The, 2020, 19, 61-70.	10.2	161
8	Assessment of Plasma Total Tau Level as a Predictive Biomarker for Dementia and Related Endophenotypes. JAMA Neurology, 2019, 76, 598.	9.0	143
9	Revised Framingham Stroke Risk Profile to Reflect Temporal Trends. Circulation, 2017, 135, 1145-1159.	1.6	142
10	Low Cardiac Index Is Associated With Incident Dementia and Alzheimer Disease. Circulation, 2015, 131, 1333-1339.	1.6	140
11	Sugar- and Artificially Sweetened Beverages and the Risks of Incident Stroke and Dementia. Stroke, 2017, 48, 1139-1146.	2.0	128
12	Association of Aortic Stiffness With Cognition and Brain Aging in Young and Middle-Aged Adults. Hypertension, 2016, 67, 513-519.	2.7	127
13	Aortic Stiffness and the Risk of Incident Mild Cognitive Impairment and Dementia. Stroke, 2016, 47, 2256-2261.	2.0	120
14	Diagnostic value of lobar microbleeds in individuals without intracerebral hemorrhage. Alzheimer's and Dementia, 2015, 11, 1480-1488.	0.8	119
15	Prolonged sleep duration as a marker of early neurodegeneration predicting incident dementia. Neurology, 2017, 88, 1172-1179.	1.1	116
16	Glucose indices are associated with cognitive and structural brain measures in young adults. Neurology, 2015, 84, 2329-2337.	1.1	115
17	Association of Ideal Cardiovascular Health With Vascular Brain Injury and Incident Dementia. Stroke, 2016, 47, 1201-1206.	2.0	101
18	Effects of Arterial Stiffness on Brain Integrity in Young Adults From the Framingham Heart Study. Stroke, 2016, 47, 1030-1036.	2.0	99

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19	Association of arterial stiffness with progression of subclinical brain and cognitive disease. Neurology, 2016, 86, 619-626.	1.1	97
20	Aortic Stiffness, Increased White Matter Free Water, and Altered Microstructural Integrity. Stroke, 2017, 48, 1567-1573.	2.0	92
21	Circulating cortisol and cognitive and structural brain measures. Neurology, 2018, 91, e1961-e1970.	1.1	90
22	Clinical significance of cerebral microbleeds on MRI: A comprehensive meta-analysis of risk of intracerebral hemorrhage, ischemic stroke, mortality, and dementia in cohort studies (v1). International Journal of Stroke, 2018, 13, 454-468.	5.9	82
23	Nonâ€alcoholic fatty liver disease, liver fibrosis score and cognitive function in middleâ€aged adults: The Framingham Study. Liver International, 2019, 39, 1713-1721.	3.9	68
24	Lipid and lipoprotein measurements and the risk of ischemic vascular events. Neurology, 2015, 84, 472-479.	1.1	62
25	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. Nature Communications, 2020, 11, 4796.	12.8	61
26	Atrial fibrillation and cognitive decline in the Framingham Heart Study. Heart Rhythm, 2018, 15, 166-172.	0.7	60
27	Serum Insulin-Like Growth Factor 1 and the Risk of Ischemic Stroke. Stroke, 2017, 48, 1760-1765.	2.0	54
28	Vascular risk at younger ages most strongly associates with current and future brain volume. Neurology, 2018, 91, e1479-e1486.	1.1	43
29	Association of common genetic variants with brain microbleeds. Neurology, 2020, 95, e3331-e3343.	1.1	40
30	Sugary beverage intake and preclinical Alzheimer's disease in the community. Alzheimer's and Dementia, 2017, 13, 955-964.	0.8	37
31	Cerebral tract integrity relates to white matter hyperintensities, cortex volume, and cognition. Neurobiology of Aging, 2018, 72, 14-22.	3.1	37
32	Overweight, Obesity, and Survival After Stroke in the Framingham Heart Study. Journal of the American Heart Association, 2017, 6, .	3.7	35
33	Temporal Trends in Ischemic Stroke Incidence in Younger Adults in the Framingham Study. Stroke, 2019, 50, 1558-1560.	2.0	33
34	Mind Diet Adherence and Cognitive Performance in the Framingham Heart Study. Journal of Alzheimer's Disease, 2021, 82, 827-839.	2.6	30
35	Slow-Wave Sleep and MRI Markers of Brain Aging in a Community-Based Sample. Neurology, 2021, 96, e1462-e1469.	1.1	28
36	Methionine Sulfoxide Reductase-B3 (MsrB3) Protein Associates with Synaptic Vesicles and its Expression Changes in the Hippocampi of Alzheimerâ€™s Disease Patients. Journal of Alzheimer's Disease, 2017, 60, 43-56.	2.6	24

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37	Interaction Between Midlife Blood Glucose and APOE Genotype Predicts Later Alzheimerâ€™s Disease Pathology. Journal of Alzheimer's Disease, 2016, 53, 1553-1562.	2.6	23
38	Determining Vascular Risk Factors for Dementia and Dementia Risk Prediction Across Mid- to Later Life. Neurology, 2022, 99, .	1.1	23
39	Serum Leptin Levels and the Risk of Stroke. Stroke, 2015, 46, 2881-2885.	2.0	22
40	Midlife exercise blood pressure, heart rate, and fitness relate to brain volume 2 decades later. Neurology, 2016, 86, 1313-1319.	1.1	21
41	Effects of white matter integrity and brain volumes on late life depression in the Framingham Heart Study. International Journal of Geriatric Psychiatry, 2017, 32, 214-221.	2.7	21
42	Association of CD14 with incident dementia and markers of brain aging and injury. Neurology, 2020, 94, e254-e266.	1.1	21
43	Cerebral Microbleeds as Predictors of Mortality. Stroke, 2017, 48, 781-783.	2.0	19
44	Relation of plasma Î²â€amyloid, clusterin, and tau with cerebral microbleeds: Framingham Heart Study. Annals of Clinical and Translational Neurology, 2020, 7, 1083-1091.	3.7	18
45	Vascular risk factors as predictors of epilepsy in older age: The Framingham Heart Study. Epilepsia, 2022, 63, 237-243.	5.1	17
46	Vascular risk factor burden and new-onset depression in the community. Preventive Medicine, 2018, 111, 348-350.	3.4	13
47	Associations of the Mediterranean-Dietary Approaches to Stop Hypertension Intervention for Neurodegenerative Delay diet with cardiac remodelling in the community: the Framingham Heart Study. British Journal of Nutrition, 2021, 126, 1888-1896.	2.3	13
48	Circulating Vascular Growth Factors and Magnetic Resonance Imaging Markers of Small Vessel Disease and Atrophy in Middle-Aged Adults. Stroke, 2018, 49, 2227-2229.	2.0	12
49	Aging, prevalence and risk factors of MRI-visible enlarged perivascular spaces. Aging, 2022, 14, 6844-6858.	3.1	12
50	Midlife Hypertension Risk and Cognition inÂthe Non-Demented Oldest Old: Framingham Heart Study. Journal of Alzheimer's Disease, 2015, 47, 197-204.	2.6	10
51	Cortical superficial siderosis in the general population: The Framingham Heart and Rotterdam studies. International Journal of Stroke, 2021, 16, 798-808.	5.9	9
52	Relations of Metabolic Health and Obesity to Brain Aging in Young to Middleâ€Aged Adults. Journal of the American Heart Association, 2022, 11, e022107.	3.7	9
53	Blood Phosphorylated Tau 181 as a Biomarker for Amyloid Burden on Brain PET in Cognitively Healthy Adults. Journal of Alzheimer's Disease, 2022, 87, 1517-1526.	2.6	8
54	Methionine Sulfoxide Reductase-B3 Risk Allele Implicated in Alzheimerâ€™s Disease Associates with Increased Odds for Brain Infarcts. Journal of Alzheimer's Disease, 2019, 68, 357-365.	2.6	7

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55	Identifying Blood Biomarkers for Dementia Using Machine Learning Methods in the Framingham Heart Study. Cells, 2022, 11, 1506.	4.1	7
56	Factors Associated With New-Onset Depression After Stroke. Journal of Neuropsychiatry and Clinical Neurosciences, 2016, 28, 286-291.	1.8	6
57	Insulin-Like Growth Factor, Inflammation, and MRI Markers of Alzheimerâ€™s Disease in Predominantly Middle-Aged Adults. Journal of Alzheimer's Disease, 2022, 88, 311-322.	2.6	6
58	O5-03-05: TEMPORAL TRENDS IN DEMENTIA INCIDENCE IN THE FRAMINGHAM STUDY. , 2014, 10, P296-P296.		5
59	[O3â€“05â€“06]: REM SLEEP MECHANISMS PREDICT INCIDENT DEMENTIA IN THE FRAMINGHAM HEART STUDY. Alzheimer's and Dementia, 2017, 13, P910.	0.8	3
60	O2â€05â€02: IMPACT OF AGE ON THE ASSOCIATION BETWEEN VASCULAR RISK FACTOR BURDEN AND BRAIN VOLUME. Alzheimer's and Dementia, 2018, 14, P627.	0.8	1
61	ICâ€Pâ€087: ASSOCIATION BETWEEN COGNITION AND CEREBRAL WHITE MATTER FREE WATER IN ADULTS FROM THE FRAMINGHAM HEART STUDY: A DIFFUSION TENSOR IMAGING VOXELâ€BASED STUDY. Alzheimer's and Dementia, 2019, 15, P77.	0.8	1
62	Plasma YKL40 as a biomarker for brain aging and injury in three community cohorts. Alzheimer's and Dementia, 2020, 16, e042094.	0.8	1
63	Structural brain network efficiency and cognitive processing speed in healthy aging. Alzheimer's and Dementia, 2020, 16, e044563.	0.8	1
64	Aortic stiffness and cerebral microbleeds: The Framingham Heart Study. Vascular Medicine, 2021, 26, 312-314.	1.5	1
65	P1-244: Adipokines are associated with MRI markers of brain aging in young adults. , 2015, 11, P446-P447.		0
66	P3-297: CVD is Pathologically Associated with Greater Alzheimer's Disease in Non-Demented Older Adults. , 2016, 12, P954-P955.		0
67	O2â€09â€01: Aortic Stiffness and the Risk of Incident Mild Cognitive Impairment and Dementia. Alzheimer's and Dementia, 2016, 12, P247.	0.8	0
68	Response by Pase et al to Letter Regarding Article, â€œSweetened Beverages and the Risks of Incident Stroke and Dementiaâ€• Stroke, 2017, 48, e269.	2.0	0
69	Response by Pase et al to Letters Regarding Article, â€œSugar- and Artificially Sweetened Beverages and the Risks of Incident Stroke and Dementia. A Prospective Cohort Studyâ€• Stroke, 2017, 48, .	2.0	0
70	[P3â€“241]: MRI FINDINGS ASSOCIATED WITH CIRCULATING VEGF AND STIE2 CONCENTRATIONS IN YOUNG AND MIDDLEâ€AGED ADULTS IN THE FRAMINGHAM HEART STUDY. Alzheimer's and Dementia, 2017, 13, P1032.	0.8	0
71	[ICâ€Pâ€102]: CIRCULATING VEGF AND STIE2 AND MRI FINDINGS IN YOUNG AND MIDDLEâ€AGED ADULTS IN THE FRAMINGHAM HEART STUDY. Alzheimer's and Dementia, 2017, 13, P78.	0.8	0
72	O2â€10â€01: OMEGAâ€3 FATTY ACID LEVELS ARE ASSOCIATED WITH BRAIN MRI MEASURES IN MIDDLEâ€AGED ADULTS FROM THE FRAMINGHAM HEART STUDY. Alzheimer's and Dementia, 2018, 14, P644.	0.8	0

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73	ICâ€Pâ€127: CEREBRAL TRACT INTEGRITY RELATES TO WHITE MATTER HYPERINTENSITIES, CORTEX VOLUME, AND COGNITION. Alzheimer's and Dementia, 2018, 14, P106.	0.8	0
74	ICâ€Pâ€107: IGFâ€1 AND IGFBPâ€3 ASSOCIATIONS WITH BRAIN MRI: METAâ€ANALYSIS IN MIDDLEâ€AGED ADULTS FROM THE FRAMINGHAM HEART STUDY AND STUDY OF HEALTH IN POMERANIA. Alzheimer's and Dementia, 2018, 14, P92.	0.8	0
75	P3â€237: IGFâ€1 AND IGFBPâ€3 ASSOCIATIONS WITH BRAIN MRI: METAâ€ANALYSIS IN MIDDLEâ€AGED ADULTS FROM THE FRAMINGHAM HEART STUDY AND STUDY OF HEALTH IN POMERANIA. Alzheimer's and Dementia, 2018, 14, P1163.	0.8	0
76	P3â€561: ADHERENCE TO THE MIND DIET IS ASSOCIATED WITH BETTER COGNITION IN THE FRAMINGHAM HEART STUDY. Alzheimer's and Dementia, 2018, 14, P1338.	0.8	0
77	ICâ€Pâ€031: REDUCED STRUCTURAL BRAIN NETWORK MODULARITY IN HEALTHY AGING: RESULTS FROM THE FRAMINGHAM HEART STUDY. Alzheimer's and Dementia, 2019, 15, P37.	0.8	0
78	Association of plasma EFEMP1 with brain aging and dementia. Alzheimer's and Dementia, 2020, 16, e041009.	0.8	0
79	Impact of vascular factors and tau deposition on functional brain network connectivity in participants of the Framingham Heart Study. Alzheimer's and Dementia, 2020, 16, e044831.	0.8	0
80	Decreases in slow wave sleep associate with a higher risk of incident Alzheimerâ€™s disease dementia in a community sample. Alzheimer's and Dementia, 2020, 16, e045936.	0.8	0
81	Higher dietary inflammatory index scores are associated with increased incidence of allâ€cause dementia in the Framingham Heart Study. Alzheimer's and Dementia, 2021, 17, .	0.8	0