

Claudia L Satizabal

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

7,732
citations

136950

32
h-index

64796

79
g-index

124
all docs

124
docs citations

124
times ranked

13056
citing authors

#	ARTICLE	IF	CITATIONS
1	Incidence of Dementia over Three Decades in the Framingham Heart Study. <i>New England Journal of Medicine</i> , 2016, 374, 523-532.	27.0	788
2	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017, 49, 1373-1384.	21.4	783
3	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
4	New insights into the genetic etiology of Alzheimer's disease and related dementias. <i>Nature Genetics</i> , 2022, 54, 412-436.	21.4	700
5	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	12.8	484
6	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
7	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
8	Twenty-seven-year time trends in dementia incidence in Europe and the United States. <i>Neurology</i> , 2020, 95, e519-e531.	1.1	227
9	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
10	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192
11	Sleep architecture and the risk of incident dementia in the community. <i>Neurology</i> , 2017, 89, 1244-1250.	1.1	174
12	Assessment of Plasma Total Tau Level as a Predictive Biomarker for Dementia and Related Endophenotypes. <i>JAMA Neurology</i> , 2019, 76, 598.	9.0	143
13	Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. <i>Nature Communications</i> , 2021, 12, 3417.	12.8	140
14	Identification of additional risk loci for stroke and small vessel disease: a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , The, 2016, 15, 695-707.	10.2	130
15	Sugar- and Artificially Sweetened Beverages and the Risks of Incident Stroke and Dementia. <i>Stroke</i> , 2017, 48, 1139-1146.	2.0	128
16	Aortic Stiffness and the Risk of Incident Mild Cognitive Impairment and Dementia. <i>Stroke</i> , 2016, 47, 2256-2261.	2.0	120
17	The cortical origin and initial spread of medial temporal tauopathy in Alzheimer's disease assessed with positron emission tomography. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	111
18	Association of Nonalcoholic Fatty Liver Disease With Lower Brain Volume in Healthy Middle-aged Adults in the Framingham Study. <i>JAMA Neurology</i> , 2018, 75, 97.	9.0	107

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19	Association of Ideal Cardiovascular Health With Vascular Brain Injury and Incident Dementia. <i>Stroke</i> , 2016, 47, 1201-1206.	2.0	101
20	Effects of Arterial Stiffness on Brain Integrity in Young Adults From the Framingham Heart Study. <i>Stroke</i> , 2016, 47, 1030-1036.	2.0	99
21	Aortic Stiffness, Increased White Matter Free Water, and Altered Microstructural Integrity. <i>Stroke</i> , 2017, 48, 1567-1573.	2.0	92
22	Cerebral small vessel disease genomics and its implications across the lifespan. <i>Nature Communications</i> , 2020, 11, 6285.	12.8	89
23	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. <i>Stroke</i> , 2020, 51, 2111-2121.	2.0	71
24	Meta-analysis of epigenome-wide association studies of cognitive abilities. <i>Molecular Psychiatry</i> , 2018, 23, 2133-2144.	7.9	68
25	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	12.8	61
26	Associations between social relationship measures, serum brain-derived neurotrophic factor, and risk of stroke and dementia. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 229-237.	3.7	51
27	Prevalence of and factors associated with current asthma symptoms in school children aged 6 and 13 years old in Bogotá, Colombia. <i>Pediatric Allergy and Immunology</i> , 2008, 19, 307-314.	2.6	49
28	Rare Functional Variant in TM2D3 is Associated with Late-Onset Alzheimer's Disease. <i>PLoS Genetics</i> , 2016, 12, e1006327.	3.5	47
29	Vascular risk at younger ages most strongly associates with current and future brain volume. <i>Neurology</i> , 2018, 91, e1479-e1486.	1.1	43
30	Association of common genetic variants with brain microbleeds. <i>Neurology</i> , 2020, 95, e3331-e3343.	1.1	40
31	Sugary beverage intake and preclinical Alzheimer's disease in the community. <i>Alzheimer's and Dementia</i> , 2017, 13, 955-964.	0.8	37
32	Role of Improved Vascular Health in the Declining Incidence of Dementia. <i>Stroke</i> , 2017, 48, 2013-2020.	2.0	37
33	Cerebral tract integrity relates to white matter hyperintensities, cortex volume, and cognition. <i>Neurobiology of Aging</i> , 2018, 72, 14-22.	3.1	37
34	Cardiovascular health, genetic risk, and risk of dementia in the Framingham Heart Study. <i>Neurology</i> , 2020, 95, e1341-e1350.	1.1	37
35	Whole genome sequence analyses of brain imaging measures in the Framingham Study. <i>Neurology</i> , 2018, 90, e188-e196.	1.1	34
36	<i>APOE</i> and the Association of Fatty Acids With the Risk of Stroke, Coronary Heart Disease, and Mortality. <i>Stroke</i> , 2018, 49, 2822-2829.	2.0	34

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37	Circulating IGFBP ² : a novel biomarker for incident dementia. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1659-1670.	3.7	34
38	Temporal Trends in Ischemic Stroke Incidence in Younger Adults in the Framingham Study. <i>Stroke</i> , 2019, 50, 1558-1560.	2.0	33
39	Growth Differentiation Factor 15 and NT-proBNP as Blood-Based Markers of Vascular Brain Injury and Dementia. <i>Journal of the American Heart Association</i> , 2020, 9, e014659.	3.7	32
40	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. <i>Nature Communications</i> , 2018, 9, 3945.	12.8	31
41	Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. <i>Neurology</i> , 2019, 92, .	1.1	30
42	Inflammatory Proteins and the Severity of Dilated Virchow-Robin Spaces in the Elderly. <i>Journal of Alzheimer's Disease</i> , 2012, 33, 323-328.	2.6	29
43	Circulating fibroblast growth factor 23 levels and incident dementia: The Framingham heart study. <i>PLoS ONE</i> , 2019, 14, e0213321.	2.5	29
44	Menopause Status Moderates Sex Differences in Tau Burden: A Framingham PET Study. <i>Annals of Neurology</i> , 2022, 92, 11-22.	5.3	29
45	Slow-Wave Sleep and MRI Markers of Brain Aging in a Community-Based Sample. <i>Neurology</i> , 2021, 96, e1462-e1469.	1.1	28
46	White Matter Lesion Progression. <i>Stroke</i> , 2015, 46, 3048-3057.	2.0	27
47	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019, 2, 285.	4.4	27
48	Circulating ceramide ratios and risk of vascular brain aging and dementia. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 160-168.	3.7	25
49	Instrumental validation of free water, peak-width of skeletonized mean diffusivity, and white matter hyperintensities: MarkVCID neuroimaging kits. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12261.	2.4	25
50	Association of Circulating Metabolites in Plasma or Serum and Risk of Stroke. <i>Neurology</i> , 2021, 96, .	1.1	24
51	Trends in the incidence of dementia: design and methods in the Alzheimer Cohorts Consortium. <i>European Journal of Epidemiology</i> , 2017, 32, 931-938.	5.7	23
52	Determining Vascular Risk Factors for Dementia and Dementia Risk Prediction Across Mid- to Later Life. <i>Neurology</i> , 2022, 99, .	1.1	23
53	Cerebral amyloid angiopathy interacts with neuritic amyloid plaques to promote tau and cognitive decline. <i>Brain</i> , 2022, 145, 2823-2833.	7.6	22
54	Association of CD14 with incident dementia and markers of brain aging and injury. <i>Neurology</i> , 2020, 94, e254-e266.	1.1	21

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55	Midlife and late-life vascular risk factor burden and neuropathology in old age. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2403-2412.	3.7	18
56	Exome Chip Analysis Identifies Low-Frequency and Rare Variants in <i>MRPL38</i> for White Matter Hyperintensities on Brain Magnetic Resonance Imaging. <i>Stroke</i> , 2018, 49, 1812-1819.	2.0	17
57	Plasma total-tau as a biomarker of stroke risk in the community. <i>Annals of Neurology</i> , 2019, 86, 463-467.	5.3	15
58	Multomics integrative analysis identifies APOE allele-specific blood biomarkers associated to Alzheimer's disease etiopathogenesis. <i>Aging</i> , 2021, 13, 9277-9329.	3.1	15
59	The genetics of circulating BDNF: towards understanding the role of BDNF in brain structure and function in middle and old ages. <i>Brain Communications</i> , 2020, 2, fcaa176.	3.3	14
60	Blood biomarkers for dementia in Hispanic and non-Hispanic White adults. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2021, 7, e12164.	3.7	14
61	Red Blood Cell DHA Is Inversely Associated with Risk of Incident Alzheimer's Disease and All-Cause Dementia: Framingham Offspring Study. <i>Nutrients</i> , 2022, 14, 2408.	4.1	14
62	The Role of Systemic Antibiotics in Acquiring Respiratory Tract Colonization With Gram-Negative Bacteria in Intensive Care Patients. <i>Critical Care Medicine</i> , 2015, 43, 774-780.	0.9	12
63	Circulating Vascular Growth Factors and Magnetic Resonance Imaging Markers of Small Vessel Disease and Atrophy in Middle-Aged Adults. <i>Stroke</i> , 2018, 49, 2227-2229.	2.0	12
64	Association of Midlife Depressive Symptoms with Regional Amyloid- β^2 and Tau in the Framingham Heart Study. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 249-260.	2.6	9
65	Association of Serum Neurofilament Light Chain Concentration and MRI Findings in Older Adults. <i>Neurology</i> , 2022, 98, .	1.1	9
66	Blood Phosphorylated Tau 181 as a Biomarker for Amyloid Burden on Brain PET in Cognitively Healthy Adults. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 1517-1526.	2.6	8
67	Multi-vendor and multisite evaluation of cerebrovascular reactivity mapping using hypercapnia challenge. <i>NeuroImage</i> , 2021, 245, 118754.	4.2	7
68	Gene-mapping study of extremes of cerebral small vessel disease reveals TRIM47 as a strong candidate. <i>Brain</i> , 2022, 145, 1992-2007.	7.6	6
69	Blood biomarkers for cognitive decline and clinical progression in a Mexican American cohort. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12298.	2.4	6
70	Meta-analysis of genome-wide association studies identifies ancestry-specific associations underlying circulating total tau levels. <i>Communications Biology</i> , 2022, 5, 336.	4.4	6
71	Insulin-Like Growth Factor, Inflammation, and MRI Markers of Alzheimer's Disease in Predominantly Middle-Aged Adults. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 311-322.	2.6	6
72	O5-03-05: TEMPORAL TRENDS IN DEMENTIA INCIDENCE IN THE FRAMINGHAM STUDY. , 2014, 10, P296-P296.		5

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73	Incident prolonged QT interval in midlife and late-life cognitive performance. PLoS ONE, 2020, 15, e0229519.	2.5	4
74	[O3â€“05â€“06]: REM SLEEP MECHANISMS PREDICT INCIDENT DEMENTIA IN THE FRAMINGHAM HEART STUDY. Alzheimer's and Dementia, 2017, 13, P910.	0.8	3
75	Association of low-frequency and rare coding variants with information processing speed. Translational Psychiatry, 2021, 11, 613.	4.8	2
76	P3-081: Associations between BDNF serum levels and Alzheimer's disease-related measures: The framingham study. , 2015, 11, P649-P649.		1
77	ICâ€“02â€“04: REGIONAL ASYMMETRIES IN AMYLOID AND TAU GO TOGETHER: EVIDENCE FOR LOCAL INTERACTION. Alzheimer's and Dementia, 2018, 14, P4.	0.8	1
78	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
79	Structural brain network efficiency and cognitive processing speed in healthy aging. Alzheimer's and Dementia, 2020, 16, e044563.	0.8	1
80	Genomic Studies Across the Lifespan Point to Early Mechanisms Determining Subcortical Volumes. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 616-628.	1.5	1
81	Cross-Sectional Association Between Blood Cell Phenotypes, Cognitive Function, and Brain Imaging Measures in the Community-Based Framingham Heart Study. Journal of Alzheimer's Disease, 2022, 87, 1291-1305.	2.6	1
82	O4-05-02: Genome-wide association study of lobar brain volumes. , 2015, 11, P278-P278.		0
83	P1-244: Adipokines are associated with MRI markers of brain aging in young adults. , 2015, 11, P446-P447.		0
84	O1â€“02â€“01: Nonâ€“Alcoholic Fatty Liver Disease is Associated with Lower Brain Volume in Healthy Middleâ€“Aged Adults: the Framingham Study. Alzheimer's and Dementia, 2016, 12, P173.	0.8	0
85	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
86	P1â€“019: Largeâ€“Scale Metaâ€“Analysis of Genomeâ€“Wide Association Data on Delayed Recall Memory Performance: The Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium. Alzheimer's and Dementia, 2016, 12, P406.	0.8	0
87	O2-10-02: Genetic Determinants of MRI Subcortical Brain Structures: 24 Novel Loci Identified Through Gwas in 26,000 Persons. , 2016, 12, P251-P251.		0
88	[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
89	[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
90	[O1â€“11â€“04]: TOPMED WHOLE GENOME SEQUENCE (WGS) ASSOCIATIONS WITH BRAIN MRI MEASURES IN THE FRAMINGHAM STUDY. Alzheimer's and Dementia, 2017, 13, P219.	0.8	0

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91	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
92	P1â€443: ASSOCIATION BETWEEN REGIONAL AMYLOID AND REGIONAL TAU IN YOUNGER, NONâ€DEMENTED INDIVIDUALS IN THE FRAMINGHAM HEART STUDY. Alzheimer's and Dementia, 2018, 14, P482.	0.8	0
93	P4â€159: MIDLIFE INCIDENT PROLONGED RATEâ€CORRECTED QT INTERVAL DOES NOT PREDICT LATEâ€LIFE COGNITIVE PERFORMANCE: THE HONOLULUâ€ASIA AGING STUDY. Alzheimer's and Dementia, 2018, 14, P1500.	0.8	0
94	ICâ€Pâ€138: ASSOCIATION BETWEEN REGIONAL AMYLOID AND REGIONAL TAU WITHIN YOUNGER, NONâ€DEMENTED INDIVIDUALS OF THE FRAMINGHAM HEART STUDY. Alzheimer's and Dementia, 2018, 14, P115.	0.8	0
95	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
96	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
97	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
98	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
99	Whole genome sequence association analyses of brain volumes in the TOPMed program. Alzheimer's and Dementia, 2020, 16, e040627.	0.8	0
100	PSMD, a novel marker of small vessel disease, and its association with cognitive function in the community. Alzheimer's and Dementia, 2020, 16, e041993.	0.8	0
101	Lifestyle Factors and the Risk of Stroke. , 2016, , 240-251.		0
102	Blood markers of neuronal/axonal and glial injury for clinical progression in a predominately Hispanic cohort: The Texas Alzheimerâ€™s Research and Care Consortium. Alzheimer's and Dementia, 2021, 17, .	0.8	0
103	Identification of a robust cortical thickness signature of AD in the Framingham Heart Study. Alzheimer's and Dementia, 2021, 17, .	0.8	0
104	Incident prolonged QT interval in midlife and late-life cognitive performance. , 2020, 15, e0229519.		0
105	Incident prolonged QT interval in midlife and late-life cognitive performance. , 2020, 15, e0229519.		0
106	Incident prolonged QT interval in midlife and late-life cognitive performance. , 2020, 15, e0229519.		0
107	Incident prolonged QT interval in midlife and late-life cognitive performance. , 2020, 15, e0229519.		0