

Charles DeCarli

List of Publications by Year in descending order

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Version: 2024-02-01

192
papers

15,223
citations

25014

57
h-index

22147

113
g-index

207
all docs

207
docs citations

207
times ranked

19924
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A β , tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019, 51, 414-430.	9.4	1,962
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.	9.4	783
3	The Uniform Data Set (UDS): Clinical and Cognitive Variables and Descriptive Data From Alzheimer Disease Centers. <i>Alzheimer Disease and Associated Disorders</i> , 2006, 20, 210-216.	0.6	743
4	Measures of brain morphology and infarction in the framingham heart study: establishing what is normal. <i>Neurobiology of Aging</i> , 2005, 26, 491-510.	1.5	588
5	Mild cognitive impairment: prevalence, prognosis, aetiology, and treatment. <i>Lancet Neurology</i> , The, 2003, 2, 15-21.	4.9	475
6	Anatomical Mapping of White Matter Hyperintensities (WMH). <i>Stroke</i> , 2005, 36, 50-55.	1.0	459
7	Impact of multiple pathologies on the threshold for clinically overt dementia. <i>Acta Neuropathologica</i> , 2017, 134, 171-186.	3.9	429
8	Gram-negative bacterial molecules associate with Alzheimer disease pathology. <i>Neurology</i> , 2016, 87, 2324-2332.	1.5	374
9	Association of White Matter Hyperintensity Volume With Decreased Cognitive Functioning. <i>Archives of Neurology</i> , 2006, 63, 246.	4.9	332
10	Existing Pittsburgh Compound-B positron emission tomography thresholds are too high: statistical and pathological evaluation. <i>Brain</i> , 2015, 138, 2020-2033.	3.7	319
11	Progress toward standardized diagnosis of vascular cognitive impairment: Guidelines from the Vascular Impairment of Cognition Classification Consensus Study. <i>Alzheimer's and Dementia</i> , 2018, 14, 280-292.	0.4	246
12	Method for Quantification of Brain, Ventricular, and Subarachnoid CSF Volumes from MR Images. <i>Journal of Computer Assisted Tomography</i> , 1992, 16, 274-284.	0.5	237
13	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	7.1	213
14	Structural Imaging Measures of Brain Aging. <i>Neuropsychology Review</i> , 2014, 24, 271-289.	2.5	199
15	White Matter Changes Compromise Prefrontal Cortex Function in Healthy Elderly Individuals. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 418-429.	1.1	195
16	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
17	Qualitative Estimates of Medial Temporal Atrophy as a Predictor of Progression From Mild Cognitive Impairment to Dementia. <i>Archives of Neurology</i> , 2007, 64, 108.	4.9	178
18	Effects of Multiple Genetic Loci on Age at Onset in Late-Onset Alzheimer Disease. <i>JAMA Neurology</i> , 2014, 71, 1394.	4.5	166

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19	The EADCâ€ADNI Harmonized Protocol for manual hippocampal segmentation on magnetic resonance: Evidence of validity. <i>Alzheimer's and Dementia</i> , 2015, 11, 111-125.	0.4	162
20	Vitamin D Status and Rates of Cognitive Decline in a Multiethnic Cohort of Older Adults. <i>JAMA Neurology</i> , 2015, 72, 1295.	4.5	162
21	Blood pressure from midâ€to late life and risk of incident dementia. <i>Neurology</i> , 2017, 89, 2447-2454.	1.5	162
22	Multisite study of the relationships between <i>antemortem</i> [¹¹ C]PIBâ€PET Centiloid values and <i>postmortem</i> measures of Alzheimer's disease neuropathology. <i>Alzheimer's and Dementia</i> , 2019, 15, 205-216.	0.4	155
23	White Matter Hyperintensities and Their Penumbra Lie Along a Continuum of Injury in the Aging Brain. <i>Stroke</i> , 2014, 45, 1721-1726.	1.0	148
24	The Vascular Impairment of Cognition Classification Consensus Study. <i>Alzheimer's and Dementia</i> , 2017, 13, 624-633.	0.4	143
25	Plasma biomarkers of astrocytic and neuronal dysfunction in earlyâ€and lateâ€onset Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, 681-695.	0.4	143
26	Magnetic resonance imaging in Alzheimer's Disease Neuroimaging Initiative 2. <i>Alzheimer's and Dementia</i> , 2015, 11, 740-756.	0.4	142
27	Common variants at 12q15 and 12q24 are associated with infant head circumference. <i>Nature Genetics</i> , 2012, 44, 532-538.	9.4	130
28	Delphi definition of the EADCâ€ADNI Harmonized Protocol for hippocampal segmentation on magnetic resonance. <i>Alzheimer's and Dementia</i> , 2015, 11, 126-138.	0.4	123
29	Diagnostic value of lobar microbleeds in individuals without intracerebral hemorrhage. <i>Alzheimer's and Dementia</i> , 2015, 11, 1480-1488.	0.4	119
30	Prolonged sleep duration as a marker of early neurodegeneration predicting incident dementia. <i>Neurology</i> , 2017, 88, 1172-1179.	1.5	116
31	Glucose indices are associated with cognitive and structural brain measures in young adults. <i>Neurology</i> , 2015, 84, 2329-2337.	1.5	115
32	Loss of Fornix White Matter Volume as a Predictor of Cognitive Impairment in Cognitively Normal Elderly Individuals. <i>JAMA Neurology</i> , 2013, 70, 1389.	4.5	108
33	White Matter Changes Compromise Prefrontal Cortex Function in Healthy Elderly Individuals. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 418-429.	1.1	108
34	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.	4.5	107
35	Female sex, early-onset hypertension, and risk of dementia. <i>Neurology</i> , 2017, 89, 1886-1893.	1.5	100
36	Biological heterogeneity in ADNI amnesic mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2014, 10, 511.	0.4	99

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37	Association of Serum Vitamin D with the Risk of Incident Dementia and Subclinical Indices of Brain Aging: The Framingham Heart Study. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 451-461.	1.2	99
38	Effects of Arterial Stiffness on Brain Integrity in Young Adults From the Framingham Heart Study. <i>Stroke</i> , 2016, 47, 1030-1036.	1.0	99
39	Physical Activity, Brain Volume, and Dementia Risk: The Framingham Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, glw130.	1.7	97
40	Education amplifies brain atrophy effect on cognitive decline: implications for cognitive reserve. <i>Neurobiology of Aging</i> , 2018, 68, 142-150.	1.5	95
41	MRI predictors of cognitive change in a diverse and carefully characterized elderly population. <i>Neurobiology of Aging</i> , 2012, 33, 83-95.e2.	1.5	94
42	Aortic Stiffness, Increased White Matter Free Water, and Altered Microstructural Integrity. <i>Stroke</i> , 2017, 48, 1567-1573.	1.0	92
43	Association of Accelerometer-Measured Light-Intensity Physical Activity With Brain Volume. <i>JAMA Network Open</i> , 2019, 2, e192745.	2.8	89
44	Cerebral small vessel disease genomics and its implications across the lifespan. <i>Nature Communications</i> , 2020, 11, 6285.	5.8	89
45	Validation of a Regression Technique for Segmentation of White Matter Hyperintensities in Alzheimer's Disease. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 1758-1768.	5.4	85
46	Assessment of Extent and Role of Tau in Subcortical Vascular Cognitive Impairment Using ¹⁸ F-AV1451 Positron Emission Tomography Imaging. <i>JAMA Neurology</i> , 2018, 75, 999.	4.5	85
47	Vascular risk and A β interact to reduce cortical thickness in AD vulnerable brain regions. <i>Neurology</i> , 2014, 83, 40-47.	1.5	83
48	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
49	Remote Blood Biomarkers of Longitudinal Cognitive Outcomes in a Population Study. <i>Annals of Neurology</i> , 2020, 88, 1065-1076.	2.8	81
50	Vascular factors in dementia: an overview. <i>Journal of the Neurological Sciences</i> , 2004, 226, 19-23.	0.3	79
51	Performance comparison of 10 different classification techniques in segmenting white matter hyperintensities in aging. <i>NeuroImage</i> , 2017, 157, 233-249.	2.1	79
52	Brain Behavior Relationships Among African Americans, Whites, and Hispanics. <i>Alzheimer Disease and Associated Disorders</i> , 2008, 22, 382-391.	0.6	75
53	Association of Serum Docosahexaenoic Acid With Cerebral Amyloidosis. <i>JAMA Neurology</i> , 2016, 73, 1208.	4.5	72
54	Myelin Basic Protein Associates with A β PP, A β 1-42, and Amyloid Plaques in Cortex of Alzheimer's Disease Brain. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 1213-1229.	1.2	67

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55	Progression from normal cognition to mild cognitive impairment in a diverse clinic-based and community-based elderly cohort. <i>Alzheimer's and Dementia</i> , 2017, 13, 399-405.	0.4	67
56	Validation of T1w-based segmentations of white matter hyperintensity volumes in large-scale datasets of aging. <i>Human Brain Mapping</i> , 2018, 39, 1093-1107.	1.9	65
57	Harmonizing brain magnetic resonance imaging methods for vascular contributions to neurodegeneration. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 191-204.	1.2	65
58	Current Concepts of Analysis of Cerebral White Matter Hyperintensities on Magnetic Resonance Imaging. <i>Topics in Magnetic Resonance Imaging</i> , 2005, 16, 399-407.	0.7	64
59	Effects of traumatic brain injury and posttraumatic stress disorder on development of Alzheimer's disease in Vietnam Veterans using the Alzheimer's Disease Neuroimaging Initiative: Preliminary report. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 177-188.	1.8	64
60	Prevalence and correlates of mild cognitive impairment among diverse Hispanics/Latinos: Study of Latinos—Investigation of Neurocognitive Aging results. <i>Alzheimer's and Dementia</i> , 2019, 15, 1507-1515.	0.4	62
61	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	5.8	61
62	Chronic Depressive Symptomatology in Mild Cognitive Impairment Is Associated with Frontal Atrophy Rate which Hastens Conversion to Alzheimer Dementia. <i>American Journal of Geriatric Psychiatry</i> , 2016, 24, 126-135.	0.6	60
63	Migraine, White Matter Hyperintensities, and Subclinical Brain Infarction in a Diverse Community. <i>Stroke</i> , 2014, 45, 1830-1832.	1.0	58
64	Cerebral white matter free water. <i>Neurology</i> , 2019, 92, e2221-e2231.	1.5	56
65	Neuropathological Diagnoses of Demented Hispanic, Black, and Non-Hispanic White Decedents Seen at an Alzheimer's Disease Center. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 145-158.	1.2	56
66	Using the Alzheimer's Disease Neuroimaging Initiative to improve early detection, diagnosis, and treatment of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2022, 18, 824-857.	0.4	56
67	Baseline White Matter Hyperintensities and Hippocampal Volume are Associated With Conversion From Normal Cognition to Mild Cognitive Impairment in the Framingham Offspring Study. <i>Alzheimer Disease and Associated Disorders</i> , 2018, 32, 50-56.	0.6	56
68	A Clinicopathological Investigation of White Matter Hyperintensities and Alzheimer's Disease Neuropathology. <i>Journal of Alzheimer's Disease</i> , 2018, 63, 1347-1360.	1.2	55
69	Influence of functional connectivity and structural MRI measures on episodic memory. <i>Neurobiology of Aging</i> , 2012, 33, 2612-2620.	1.5	54
70	Associations of Circulating Growth Differentiation Factor-15 and ST2 Concentrations With Subclinical Vascular Brain Injury and Incident Stroke. <i>Stroke</i> , 2015, 46, 2568-2575.	1.0	54
71	Longitudinal trajectories of everyday function by diagnostic status.. <i>Psychology and Aging</i> , 2013, 28, 1070-1075.	1.4	53
72	Association of Physical Function with Clinical and Subclinical Brain Disease: The Framingham Offspring Study. <i>Journal of Alzheimer's Disease</i> , 2016, 53, 1597-1608.	1.2	52

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73	Late life cognitive control deficits are accentuated by white matter disease burden. <i>Brain</i> , 2011, 134, 1673-1683.	3.7	51
74	The Role of Cerebrovascular Disease in Dementia. <i>Neurologist</i> , 2003, 9, 123-136.	0.4	50
75	Cerebral Amyloid and Hypertension are Independently Associated with White Matter Lesions in Elderly. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 221.	1.7	50
76	Regional correlations between [11 C]PIB PET and post-mortem burden of amyloid-beta pathology in a diverse neuropathological cohort. <i>NeuroImage: Clinical</i> , 2017, 13, 130-137.	1.4	50
77	Cerebral microbleeds and risk of incident dementia: the Framingham Heart Study. <i>Neurobiology of Aging</i> , 2017, 54, 94-99.	1.5	49
78	White matter hyperintensities and CSF Alzheimer disease biomarkers in preclinical Alzheimer disease. <i>Neurology</i> , 2020, 94, e950-e960.	1.5	48
79	Alcohol intake and brain structure in a multiethnic elderly cohort. <i>Clinical Nutrition</i> , 2014, 33, 662-667.	2.3	47
80	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
81	MarkVCID cerebral small vessel consortium: II. Neuroimaging protocols. <i>Alzheimer's and Dementia</i> , 2021, 17, 716-725.	0.4	45
82	Frontal white matter lesions in Alzheimer's disease are associated with both small vessel disease and AD-associated cortical pathology. <i>Acta Neuropathologica</i> , 2021, 142, 937-950.	3.9	45
83	Carotid Atherosclerosis and Cerebral Microbleeds: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2016, 5, e002377.	1.6	41
84	Relation of Dysglycemia to Structural Brain Changes in a Multiethnic Elderly Cohort. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 277-285.	1.3	41
85	Ethnoracial differences in brain structure change and cognitive change.. <i>Neuropsychology</i> , 2018, 32, 529-540.	1.0	41
86	Infectious Burden and Cognitive Decline in the Northern Manhattan Study. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 1540-1545.	1.3	40
87	Clinically Asymptomatic Vascular Brain Injury: A Potent Cause of Cognitive Impairment Among Older Individuals. <i>Journal of Alzheimer's Disease</i> , 2012, 33, S417-S426.	1.2	38
88	Session II: Mechanisms of Age-Related Cognitive Change and Targets for Intervention: Neural Circuits, Networks, and Plasticity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67, 747-753.	1.7	37
89	A Multiancestral Genome-Wide Exome Array Study of Alzheimer Disease, Frontotemporal Dementia, and Progressive Supranuclear Palsy. <i>JAMA Neurology</i> , 2015, 72, 414.	4.5	37
90	Sugary beverage intake and preclinical Alzheimer's disease in the community. <i>Alzheimer's and Dementia</i> , 2017, 13, 955-964.	0.4	37

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91	Cerebral tract integrity relates to white matter hyperintensities, cortex volume, and cognition. <i>Neurobiology of Aging</i> , 2018, 72, 14-22.	1.5	37
92	Age-related white matter integrity differences in oldest-old without dementia. <i>Neurobiology of Aging</i> , 2017, 56, 108-114.	1.5	36
93	Whole genome sequence analyses of brain imaging measures in the Framingham Study. <i>Neurology</i> , 2018, 90, e188-e196.	1.5	34
94	Diagnostic Accuracy of Amyloid versus ¹⁸ F-Fluorodeoxyglucose Positron Emission Tomography in Autopsy-Confirmed Dementia. <i>Annals of Neurology</i> , 2021, 89, 389-401.	2.8	34
95	Cerebral amyloid is associated with greater white-matter hyperintensity accrual in cognitively normal older adults. <i>Neurobiology of Aging</i> , 2016, 48, 48-52.	1.5	32
96	Early Brain Loss in Circuits Affected by Alzheimer's Disease is Predicted by Fornix Microstructure but may be Independent of Gray Matter. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 106.	1.7	31
97	Cooccurrence of vascular risk factors and late-life white-matter integrity changes. <i>Neurobiology of Aging</i> , 2015, 36, 1670-1677.	1.5	31
98	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. <i>Nature Communications</i> , 2018, 9, 3945.	5.8	31
99	Association of Social Support With Brain Volume and Cognition. <i>JAMA Network Open</i> , 2021, 4, e2121122.	2.8	31
100	Association between atrial fibrillation and volumetric magnetic resonance imaging brain measures: Framingham Offspring Study. <i>Heart Rhythm</i> , 2016, 13, 2020-2024.	0.3	30
101	Race/Ethnic Disparities in Mild Cognitive Impairment and Dementia: The Northern Manhattan Study. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 1129-1138.	1.2	30
102	White Matter Hyperintensities among Older Adults Are Associated with Futile Increase in Frontal Activation and Functional Connectivity during Spatial Search. <i>PLoS ONE</i> , 2015, 10, e0122445.	1.1	28
103	White Matter Hyperintensities and Hippocampal Atrophy in Relation to Cognition: The 90+ Study. <i>Journal of the American Geriatrics Society</i> , 2019, 67, 1827-1834.	1.3	28
104	Mid to Late Life Hypertension Trends and Cerebral Small Vessel Disease in the Framingham Heart Study. <i>Hypertension</i> , 2020, 76, 707-714.	1.3	28
105	White Matter Lesion Progression. <i>Stroke</i> , 2015, 46, 3048-3057.	1.0	27
106	β -amyloid, hippocampal atrophy and their relation to longitudinal brain change in cognitively normal individuals. <i>Neurobiology of Aging</i> , 2016, 40, 173-180.	1.5	27
107	Subclinical Cerebrovascular Disease Increases the Risk of Incident Stroke and Mortality: The Northern Manhattan Study. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	27
108	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019, 2, 285.	2.0	27

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109	Association of vascular brain injury, neurodegeneration, amyloid, and cognitive trajectory. <i>Neurology</i> , 2020, 95, e2622-e2634.	1.5	27
110	Fibroblast Growth Factor 23 Is Associated With Subclinical Cerebrovascular Damage. <i>Stroke</i> , 2016, 47, 923-928.	1.0	26
111	Circulating ceramide ratios and risk of vascular brain aging and dementia. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 160-168.	1.7	25
112	Instrumental validation of free water, peak width of skeletonized mean diffusivity, and white matter hyperintensities: MarkV/CID neuroimaging kits. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12261.	1.2	25
113	Extravascular fibrinogen in the white matter of Alzheimer's disease and normal aged brains: implications for fibrinogen as a biomarker for Alzheimer's disease. <i>Brain Pathology</i> , 2019, 29, 414-424.	2.1	24
114	Diabetes, Cognitive Decline, and Mild Cognitive Impairment Among Diverse Hispanics/Latinos: Study of Latinos—Investigation of Neurocognitive Aging Results (HCHS/SOL). <i>Diabetes Care</i> , 2020, 43, 1111-1117.	4.3	24
115	Night-time systolic blood pressure and subclinical cerebrovascular disease: the Cardiovascular Abnormalities and Brain Lesions (CABL) study. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 765-771.	0.5	23
116	Lacunar Infarcts and Intracerebral Hemorrhage Differences. <i>Stroke</i> , 2017, 48, 486-489.	1.0	22
117	ERP abnormalities elicited by word repetition in fragile X-associated tremor/ataxia syndrome (FXTAS) and amnesic MCI. <i>Neuropsychologia</i> , 2014, 63, 34-42.	0.7	21
118	Staging of amyloid β , τ , regional atrophy rates, and cognitive change in a nondemented cohort: Results of serial mediation analyses. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 382-393.	1.2	21
119	Cardiovascular disease risk factor burden and cognition: Implications of ethnic diversity within the Hispanic Community Health Study/Study of Latinos. <i>PLoS ONE</i> , 2019, 14, e0215378.	1.1	21
120	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
121	Cerebral Microbleeds as Predictors of Mortality. <i>Stroke</i> , 2017, 48, 781-783.	1.0	19
122	Cognitive reserve and rate of change in Alzheimer's and cerebrovascular disease biomarkers among cognitively normal individuals. <i>Neurobiology of Aging</i> , 2020, 88, 33-41.	1.5	19
123	Left ventricular mass-geometry and silent cerebrovascular disease: The Cardiovascular Abnormalities and Brain Lesions (CABL) study. <i>American Heart Journal</i> , 2017, 185, 85-92.	1.2	18
124	Inter-Relations of Orthostatic Blood Pressure Change, Aortic Stiffness, and Brain Structure and Function in Young Adults. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	18
125	"Liquid Biopsy" of White Matter Hyperintensity in Functionally Normal Elders. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 343.	1.7	18
126	Relation of plasma β -amyloid, clusterin, and tau with cerebral microbleeds: Framingham Heart Study. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1083-1091.	1.7	18

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127	Cognitive reserve and midlife vascular risk: Cognitive and clinical outcomes. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1307-1317.	1.7	17
128	Plasma total β -tau as a biomarker of stroke risk in the community. <i>Annals of Neurology</i> , 2019, 86, 463-467.	2.8	15
129	Application of an amyloid and tau classification system in subcortical vascular cognitive impairment patients. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 292-303.	3.3	15
130	Convolutional Neural Net Learning Can Achieve Production-Level Brain Segmentation in Structural Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , 2021, 15, 683426.	1.4	15
131	Low-frequency oscillations in default mode subnetworks are associated with episodic memory impairments in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 59, 98-106.	1.5	14
132	Elevated complement mediator levels in endothelial-derived plasma exosomes implicate endothelial innate inflammation in diminished brain function of aging humans. <i>Scientific Reports</i> , 2021, 11, 16198.	1.6	14
133	White matter hyperintensities are associated with visual search behavior independent of generalized slowing in aging. <i>Neuropsychologia</i> , 2014, 52, 93-101.	0.7	13
134	Association of descending thoracic aortic plaque with brain atrophy and white matter hyperintensities: The Framingham Heart Study. <i>Atherosclerosis</i> , 2017, 265, 305-311.	0.4	13
135	Measuring Cognitive Health in Ethnically Diverse Older Adults. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2022, 77, 261-271.	2.4	13
136	Imaging Markers of Vascular Brain Health: Quantification, Clinical Implications, and Future Directions. <i>Stroke</i> , 2022, 53, 416-426.	1.0	13
137	Atherosclerotic Plaques in the Aortic Arch and Subclinical Cerebrovascular Disease. <i>Stroke</i> , 2016, 47, 2813-2819.	1.0	12
138	Flavonoid Intake and MRI Markers of Brain Health in the Framingham Offspring Cohort. <i>Journal of Nutrition</i> , 2020, 150, 1545-1553.	1.3	12
139	Differential Item Functioning of the Everyday Cognition (ECog) Scales in Relation to Racial/Ethnic Groups. <i>Journal of the International Neuropsychological Society</i> , 2020, 26, 515-526.	1.2	12
140	Aging, prevalence and risk factors of MRI-visible enlarged perivascular spaces. <i>Aging</i> , 2022, 14, 6844-6858.	1.4	12
141	Interarm differences in systolic blood pressure and the risk of dementia and subclinical brain injury. <i>Alzheimer's and Dementia</i> , 2016, 12, 438-445.	0.4	11
142	Procalcitonin and Midregional Proatrial Natriuretic Peptide as Biomarkers of Subclinical Cerebrovascular Damage. <i>Stroke</i> , 2017, 48, 604-610.	1.0	10
143	The Impact of Amyloid- β or Tau on Cognitive Change in the Presence of Severe Cerebrovascular Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 573-585.	1.2	10
144	Bone Mineral Density Measurements and Association With Brain Structure and Cognitive Function. <i>Alzheimer Disease and Associated Disorders</i> , 2021, 35, 291-297.	0.6	10

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145	Genome-wide association study of cognitive function in diverse Hispanics/Latinos: results from the Hispanic Community Health Study/Study of Latinos. <i>Translational Psychiatry</i> , 2020, 10, 245.	2.4	9
146	Association of Subjective Memory Complaints With White Matter Hyperintensities and Cognitive Decline Among Older Adults in Chicago, Illinois. <i>JAMA Network Open</i> , 2022, 5, e227512.	2.8	9
147	Association Between Central Blood Pressure and Subclinical Cerebrovascular Disease in Older Adults. <i>Hypertension</i> , 2020, 75, 580-587.	1.3	8
148	Association Between Leptin, Cognition, and Structural Brain Measures Among "Early" Middle-Aged Adults: Results from the Framingham Heart Study Third Generation Cohort. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1279-1289.	1.2	8
149	Cognitive impairment in racially/ethnically diverse older adults: Accounting for sources of diagnostic bias. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12265.	1.2	8
150	Accounting for lack of representation in dementia research: Generalizing KHANDLE study findings on the prevalence of cognitive impairment to the California older population. <i>Alzheimer's and Dementia</i> , 2022, 18, 2209-2217.	0.4	8
151	Examination of Neurofilament Light Chain Serum Concentrations, Physical Activity, and Cognitive Decline in Older Adults. <i>JAMA Network Open</i> , 2022, 5, e223596.	2.8	8
152	Electrocardiographic left atrial abnormality and silent vascular brain injury: The Northern Manhattan Study. <i>PLoS ONE</i> , 2018, 13, e0203774.	1.1	6
153	Amyloid-PET imaging offers small improvements in predictions of future cognitive trajectories. <i>NeuroImage: Clinical</i> , 2021, 31, 102713.	1.4	6
154	Kidney Function Is Not Related to Brain Amyloid Burden on PET Imaging in The 90+ Study Cohort. <i>Frontiers in Medicine</i> , 2021, 8, 671945.	1.2	6
155	The link between blood pressure and Alzheimer's disease. <i>Lancet Neurology</i> , The, 2021, 20, 878-879.	4.9	6
156	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.	1.2	6
157	Neuroimaging of the Aging Brain: Introduction to the Special Issue of <i>Neuropsychology Review</i> . <i>Neuropsychology Review</i> , 2014, 24, 267-270.	2.5	5
158	Blood Pressure Control and Cognitive Performance. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 1963.	3.8	5
159	BrainSec: Automated Brain Tissue Segmentation Pipeline for Scalable Neuropathological Analysis. <i>IEEE Access</i> , 2022, 10, 49064-49079.	2.6	5
160	Structural Brain MRI Trait Polygenic Score Prediction of Cognitive Abilities. <i>Twin Research and Human Genetics</i> , 2015, 18, 738-745.	0.3	4
161	Verbal Memory and Brain Aging. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2015, 30, 622-628.	0.9	4
162	Neck Circumference, Brain Imaging Measures, and Neuropsychological Testing Measures. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 1570-1581.	0.7	4

#	ARTICLE	IF	CITATIONS
163	Cortical tau pathology: a major player in fibre-specific white matter reductions in Alzheimer's disease?. <i>Brain</i> , 2018, 141, e44-e44.	3.7	4
164	Coronary Artery Calcium Assessed Years Before Was Positively Associated With Subtle White Matter Injury of the Brain in Asymptomatic Middle-Aged Men: The Framingham Heart Study. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e011753.	1.3	4
165	Association of Apolipoprotein E ϵ 4 Allele with Enlarged Perivascular Spaces. <i>Annals of Neurology</i> , 2022, 92, 23-31.	2.8	4
166	APOE alleles' association with neurocognitive function differ across Hispanic background groups. <i>Alzheimer's and Dementia</i> , 2020, 16, e044169.	0.4	3
167	Blood metabolites predicting mild cognitive impairment in the study of Latinosâ€œinvestigation of neurocognitive aging (HCHS/SOL). <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12259.	1.2	3
168	Associations Between the Digital Clock Drawing Test and Brain Volume: Large Community-Based Prospective Cohort (Framingham Heart Study). <i>Journal of Medical Internet Research</i> , 2022, 24, e34513.	2.1	3
169	A Call for New Thoughts About What Might Influence Human Brain Aging. <i>JAMA Neurology</i> , 2015, 72, 500.	4.5	2
170	Medicare Expenditure Correlates of Atrophy and Cerebrovascular Disease in Older Adults. <i>Experimental Aging Research</i> , 2017, 43, 149-160.	0.6	2
171	'Brain health': what is it, what can we do about it and when should we start?. <i>Nature Reviews Neurology</i> , 2018, 14, 6-8.	4.9	2
172	25-Hydroxyvitamin D in Patients With Cognitive Declineâ€œReply. <i>JAMA Neurology</i> , 2016, 73, 358.	4.5	1
173	Full exploitation of high dimensionality in brain imaging: The JPND working group statement and findings. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 286-290.	1.2	1
174	ICâ€œPâ€œ087: ASSOCIATION BETWEEN COGNITION AND CEREBRAL WHITE MATTER FREE WATER IN ADULTS FROM THE FRAMINGHAM HEART STUDY: A DIFFUSION TENSOR IMAGING VOXELâ€œBASED STUDY. <i>Alzheimer's and Dementia</i> , 2019, 15, P77.	0.4	1
175	Plasma YKL40 as a biomarker for brain aging and injury in three community cohorts. <i>Alzheimer's and Dementia</i> , 2020, 16, e042094.	0.4	1
176	Structural brain network efficiency and cognitive processing speed in healthy aging. <i>Alzheimer's and Dementia</i> , 2020, 16, e044563.	0.4	1
177	Diabetes, cognitive decline and mild cognitive impairment among diverse Hispanics/Latinos: Hispanic Community Health Study/Study of Latinos (HCHSâ€œSOL) investigation of cognitive aging results. <i>Alzheimer's and Dementia</i> , 2020, 16, e044601.	0.4	1
178	Genomic Studies Across the Lifespan Point to Early Mechanisms Determining Subcortical Volumes. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 616-628.	1.1	1
179	Abstract 59: Relation of Plasma B-amyloid, Tau and Clusterin and Cerebral Microbleeds: Framingham Heart Study. <i>Stroke</i> , 2019, 50, .	1.0	1
180	Interview: Understanding the complex pathways from normal cognition to dementia: the role of neuroimaging. <i>Neurodegenerative Disease Management</i> , 2013, 3, 413-416.	1.2	0

#	ARTICLE	IF	CITATIONS
181	ICA€Pã€031: REDUCED STRUCTURAL BRAIN NETWORK MODULARITY IN HEALTHY AGING: RESULTS FROM THE FRAMINGHAM HEART STUDY. Alzheimer's and Dementia, 2019, 15, P37.	0.4	0
182	Towards a generalized deep learning framework for production scale segmentation of brain structures. Alzheimer's and Dementia, 2020, 16, e038010.	0.4	0
183	Whole genome sequence association analyses of brain volumes in the TOPMed program. Alzheimer's and Dementia, 2020, 16, e040627.	0.4	0
184	Association of plasma EFEMP1 with brain aging and dementia. Alzheimer's and Dementia, 2020, 16, e041009.	0.4	0
185	The aetiology of frontal white matter lesions in Alzheimerâ€™s disease are associated with both neurodegenerative and ischemic mechanisms. Alzheimer's and Dementia, 2020, 16, e043253.	0.4	0
186	Quantification of small vessel disease in frontal and parietal white matter, genu and splenium. Alzheimer's and Dementia, 2020, 16, e043504.	0.4	0
187	A comparison of cerebral small vessel disease severity between autopsy cohorts in the northeast of England and Sacramento County in California, USA. Alzheimer's and Dementia, 2020, 16, e043543.	0.4	0
188	DEMENTIA FROM BRAIN VASCULAR DISEASE: THE SILENT EPIDEMIC. , 2003, , .		0
189	Abstract 148: Whole Exome Sequence Analysis of Cerebral White Matter Hyperintensities on MRI. Stroke, 2015, 46, .	1.0	0
190	Abstract TMP115: Carotid Atherosclerosis Progression and Hippocampal Volume. Stroke, 2019, 50, .	1.0	0
191	Abstract 16816: Association of Exhaled Carbon Monoxide With Stroke Incidence and Subclinical Vascular Brain Injury: The Framingham Study. Circulation, 2015, 132, .	1.6	0
192	Abstract 46: Adherence to Ideal Cardiovascular Health Guidelines Prevents Stroke and Preserves Cognitive Function. Stroke, 2016, 47, .	1.0	0