

Charles DeCarli

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

180
papers

9,866
citations

50
h-index

96
g-index

207
ext. papers

12,847
ext. citations

6.8
avg. IF

6.05
L-index

#	Paper	IF	Citations
180	Imaging Markers of Vascular Brain Health: Quantification, Clinical Implications, and Future Directions.. <i>Stroke</i> , 2022 , STROKEAHA120032611	6.7	2
179	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	5.2	1
178	Blood metabolites predicting mild cognitive impairment in the study of Latinos-investigation of neurocognitive aging (HCHS/SOL).. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022 , 14, e12259	5.2	0
177	Examination of Neurofilament Light Chain Serum Concentrations, Physical Activity, and Cognitive Decline in Older Adults.. <i>JAMA Network Open</i> , 2022 , 5, e223596	10.4	0
176	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	7.6	
175	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	10.4	0
174	BrainSec: Automated Brain Tissue Segmentation Pipeline for Scalable Neuropathological Analysis. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
173	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 , 1-12	4.3	
172	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	5.2	0
171	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	14.3	5
170	The link between blood pressure and Alzheimer's disease. <i>Lancet Neurology</i> , 2021 , 20, 878-879	24.1	2
169	Race/Ethnic Disparities in Mild Cognitive Impairment and Dementia: The Northern Manhattan Study. <i>Journal of Alzheimer's Disease</i> , 2021 , 80, 1129-1138	4.3	6
168	Measuring cognitive health in ethnically diverse older adults. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2021 ,	4.6	3
167	Plasma amyloid β levels are driven by genetic variants near APOE, BACE1, APP, PSEN2: A genome-wide association study in over 12,000 non-demented participants. <i>Alzheimer's and Dementia</i> , 2021 , 17, 1663-1674	1.2	5
166	Bone Mineral Density Measurements and Association With Brain Structure and Cognitive Function: The Framingham Offspring Cohort. <i>Alzheimer Disease and Associated Disorders</i> , 2021 , 35, 291-297	2.5	0
165	Convolutional Neural Net Learning Can Achieve Production-Level Brain Segmentation in Structural Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , 2021 , 15, 683426	5.1	1
164	Diagnostic Accuracy of Amyloid versus F-Fluorodeoxyglucose Positron Emission Tomography in Autopsy-Confirmed Dementia. <i>Annals of Neurology</i> , 2021 , 89, 389-401	9.4	7

163	Amyloid-PET imaging offers small improvements in predictions of future cognitive trajectories. <i>NeuroImage: Clinical</i> , 2021 , 31, 102713	5.3	1
162	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	3.9	0
161	Association of Social Support With Brain Volume and Cognition. <i>JAMA Network Open</i> , 2021 , 4, e212112210.4	10.4	12
160	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	4.9	3
159	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	4.9	1
158	Using the Alzheimer's Disease Neuroimaging Initiative to improve early detection, diagnosis, and treatment of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021 ,	1.2	4
157	MarkVICID cerebral small vessel consortium: II. Neuroimaging protocols. <i>Alzheimer's and Dementia</i> , 2021 , 17, 716-725	1.2	15
156	Towards a generalized deep learning framework for production scale segmentation of brain structures. <i>Alzheimer's and Dementia</i> , 2020 , 16, e038010	1.2	
155	Whole genome sequence association analyses of brain volumes in the TOPMed program. <i>Alzheimer's and Dementia</i> , 2020 , 16, e040627	1.2	
154	Association of plasma EFEMP1 with brain aging and dementia. <i>Alzheimer's and Dementia</i> , 2020 , 16, e041009	1.2	
153	Plasma YKL40 as a biomarker for brain aging and injury in three community cohorts. <i>Alzheimer's and Dementia</i> , 2020 , 16, e042094	1.2	
152	The aetiology of frontal white matter lesions in Alzheimer's disease are associated with both neurodegenerative and ischemic mechanisms. <i>Alzheimer's and Dementia</i> , 2020 , 16, e043253	1.2	
151	Quantification of small vessel disease in frontal and parietal white matter, genu and splenium. <i>Alzheimer's and Dementia</i> , 2020 , 16, e043504	1.2	
150	A comparison of cerebral small vessel disease severity between autopsy cohorts in the northeast of England and Sacramento County in California, USA. <i>Alzheimer's and Dementia</i> , 2020 , 16, e043543	1.2	
149	APOE alleles' association with neurocognitive function differ across Hispanic background groups. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044169	1.2	0
148	Structural brain network efficiency and cognitive processing speed in healthy aging. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044563	1.2	0
147	Diabetes, cognitive decline and mild cognitive impairment among diverse Hispanics/Latinos: Hispanic Community Health Study/Study of Latinos (HCHS-SOL) investigation of cognitive aging results. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044601	1.2	
146	Cerebral small vessel disease genomics and its implications across the lifespan. <i>Nature Communications</i> , 2020 , 11, 6285	17.4	22

145	White matter hyperintensities and CSF Alzheimer disease biomarkers in preclinical Alzheimer disease. <i>Neurology</i> , 2020 , 94, e950-e960	6.5	23
144	Flavonoid Intake and MRI Markers of Brain Health in the Framingham Offspring Cohort. <i>Journal of Nutrition</i> , 2020 , 150, 1545-1553	4.1	6
143	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	5.3	5
142	Circulating ceramide ratios and risk of vascular brain aging and dementia. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 160-168	5.3	10
141	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	3.1	8
140	Plasma biomarkers of astrocytic and neuronal dysfunction in early- and late-onset Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, 681-695	1.2	56
139	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	5.6	11
138	Association Between Central Blood Pressure and Subclinical Cerebrovascular Disease in Older Adults. <i>Hypertension</i> , 2020 , 75, 580-587	8.5	4
137	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	4.3	2
136	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020 , 11, 4796	17.4	16
135	Association of vascular brain injury, neurodegeneration, amyloid, and cognitive trajectory. <i>Neurology</i> , 2020 , 95, e2622-e2634	6.5	14
134	Mid to Late Life Hypertension Trends and Cerebral Small Vessel Disease in the Framingham Heart Study. <i>Hypertension</i> , 2020 , 76, 707-714	8.5	8
133	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	8.6	1
132	Cognitive reserve and midlife vascular risk: Cognitive and clinical outcomes. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 1307-1317	5.3	6
131	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	4.3	3
130	Remote Blood Biomarkers of Longitudinal Cognitive Outcomes in a Population Study. <i>Annals of Neurology</i> , 2020 , 88, 1065-1076	9.4	26
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	8.8	8
128	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	14.6	10

127	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	4.1	13
126	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	5.6	17
125	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	3.7	13
124	Association of Accelerometer-Measured Light-Intensity Physical Activity With Brain Volume: The Framingham Heart Study. <i>JAMA Network Open</i> , 2019 , 2, e192745	10.4	52
123	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	5.2	33
122	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	5.2	1
121	Cerebral white matter free water: A sensitive biomarker of cognition and function. <i>Neurology</i> , 2019 , 92, e2221-e2231	6.5	25
120	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019 , 2, 285	6.7	14
119	Plasma total-tau as a biomarker of stroke risk in the community. <i>Annals of Neurology</i> , 2019 , 86, 463-467	9.4	8
118	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	36.3	917
117	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	4.3	29
116	IC-P-087: ASSOCIATION BETWEEN COGNITION AND CEREBRAL WHITE MATTER FREE WATER IN ADULTS FROM THE FRAMINGHAM HEART STUDY: A DIFFUSION TENSOR IMAGING VOXEL-BASED STUDY 2019 , 15, P77-P78		1
115	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	1.2	28
114	IC-P-031: REDUCED STRUCTURAL BRAIN NETWORK MODULARITY IN HEALTHY AGING: RESULTS FROM THE FRAMINGHAM HEART STUDY 2019 , 15, P37-P38		
113	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636	36.3	81
112	Multisite study of the relationships between antemortem [C]PIB-PET Centiloid values and postmortem measures of Alzheimer's disease neuropathology. <i>Alzheimer's and Dementia</i> , 2019 , 15, 205-216	1.2	82
111	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	6	19
110	Education amplifies brain atrophy effect on cognitive decline: implications for cognitive reserve. <i>Neurobiology of Aging</i> , 2018 , 68, 142-150	5.6	59

109	Cortical tau pathology: a major player in fibre-specific white matter reductions in Alzheimer's disease?. <i>Brain</i> , 2018 , 141, e44	11.2	3
108	Whole genome sequence analyses of brain imaging measures in the Framingham Study. <i>Neurology</i> , 2018 , 90, e188-e196	6.5	19
107	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	1.2	136
106	Cerebral tract integrity relates to white matter hyperintensities, cortex volume, and cognition. <i>Neurobiology of Aging</i> , 2018 , 72, 14-22	5.6	23
105	Ethnoracial differences in brain structure change and cognitive change. <i>Neuropsychology</i> , 2018 , 32, 529-540	3.4	25
104	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	2.5	29
103	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, 97-104	17.2	54
102	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	5.9	32
101	"Liquid Biopsy" of White Matter Hyperintensity in Functionally Normal Elders. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 343	5.3	9
100	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. <i>Nature Communications</i> , 2018 , 9, 3945	17.4	16
99	Electrocardiographic left atrial abnormality and silent vascular brain injury: The Northern Manhattan Study. <i>PLoS ONE</i> , 2018 , 13, e0203774	3.7	3
98	Assessment of Extent and Role of Tau in Subcortical Vascular Cognitive Impairment Using 18F-AV1451 Positron Emission Tomography Imaging. <i>JAMA Neurology</i> , 2018 , 75, 999-1007	17.2	60
97	A Clinicopathological Investigation of White Matter Hyperintensities and Alzheimer's Disease Neuropathology. <i>Journal of Alzheimer's Disease</i> , 2018 , 63, 1347-1360	4.3	30
96	Staging of amyloid β -tau, 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	5.2	13
95	Regional correlations between [C]PIB PET and post-mortem burden of amyloid-beta pathology in a diverse neuropathological cohort. <i>NeuroImage: Clinical</i> , 2017 , 13, 130-137	5.3	37
94	Cerebral Microbleeds as Predictors of Mortality: The Framingham Heart Study. <i>Stroke</i> , 2017 , 48, 781-783	6.7	16
93	Procalcitonin and Midregional Proatrial Natriuretic Peptide as Biomarkers of Subclinical Cerebrovascular Damage: The Northern Manhattan Study. <i>Stroke</i> , 2017 , 48, 604-610	6.7	6
92	Prolonged sleep duration as a marker of early neurodegeneration predicting incident dementia. <i>Neurology</i> , 2017 , 88, 1172-1179	6.5	71

91	Medicare Expenditure Correlates of Atrophy and Cerebrovascular Disease in Older Adults. <i>Experimental Aging Research</i> , 2017 , 43, 149-160	1.7	2
90	Sugary beverage intake and preclinical Alzheimer's disease in the community. <i>Alzheimer's and Dementia</i> , 2017 , 13, 955-964	1.2	25
89	Cerebral microbleeds and risk of incident dementia: the Framingham Heart Study. <i>Neurobiology of Aging</i> , 2017 , 54, 94-99	5.6	35
88	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	11.7	43
87	Impact of multiple pathologies on the threshold for clinically overt dementia. <i>Acta Neuropathologica</i> , 2017 , 134, 171-186	14.3	248
86	Aortic Stiffness, Increased White Matter Free Water, and Altered Microstructural Integrity: A Continuum of Injury. <i>Stroke</i> , 2017 , 48, 1567-1573	6.7	62
85	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	6	45
84	Lacunar Infarcts and Intracerebral Hemorrhage Differences: A Nested Case-Control Analysis in the FHS (Framingham Heart Study). <i>Stroke</i> , 2017 , 48, 486-489	6.7	15
83	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	4.9	14
82	Relation of Dysglycemia to Structural Brain Changes in a Multiethnic Elderly Cohort. <i>Journal of the American Geriatrics Society</i> , 2017 , 65, 277-285	5.6	32
81	The Vascular Impairment of Cognition Classification Consensus Study. <i>Alzheimer's and Dementia</i> , 2017 , 13, 624-633	1.2	106
80	Female sex, early-onset hypertension, and risk of dementia. <i>Neurology</i> , 2017 , 89, 1886-1893	6.5	63
79	Physical Activity, Brain Volume, and Dementia Risk: The Framingham Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 789-795	6.4	56
78	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,	6	20
77	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,	6	10
76	Rare coding variants in PLAG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017 , 49, 1373-1384	36.3	508
75	Age-related white matter integrity differences in oldest-old without dementia. <i>Neurobiology of Aging</i> , 2017 , 56, 108-114	5.6	28
74	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	5.6	6

73	Blood pressure from mid- to late life and risk of incident dementia. <i>Neurology</i> , 2017 , 89, 2447-2454	6.5	91
72	Performance comparison of 10 different classification techniques in segmenting white matter hyperintensities in aging. <i>NeuroImage</i> , 2017 , 157, 233-249	7.9	40
71	Association of descending thoracic aortic plaque with brain atrophy and white matter hyperintensities: The Framingham Heart Study. <i>Atherosclerosis</i> , 2017 , 265, 305-311	3.1	8
70	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	1.2	45
69	Association of Serum Docosahexaenoic Acid With Cerebral Amyloidosis. <i>JAMA Neurology</i> , 2016 , 73, 1208-1216	12.16	57
68	25-Hydroxyvitamin D in Patients With Cognitive Decline-Reply. <i>JAMA Neurology</i> , 2016 , 73, 358	17.2	1
67	Association between atrial fibrillation and volumetric magnetic resonance imaging brain measures: Framingham Offspring Study. <i>Heart Rhythm</i> , 2016 , 13, 2020-4	6.7	18
66	Atherosclerotic Plaques in the Aortic Arch and Subclinical Cerebrovascular Disease. <i>Stroke</i> , 2016 , 47, 2813-2819	6.7	8
65	Gram-negative bacterial molecules associate with Alzheimer disease pathology. <i>Neurology</i> , 2016 , 87, 2324-2332	6.5	253
64	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, 126-35	6.5	42
63	Carotid Atherosclerosis and Cerebral Microbleeds: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2016 , 5, e002377	6	36
62	Amyloid, hippocampal atrophy and their relation to longitudinal brain change in cognitively normal individuals. <i>Neurobiology of Aging</i> , 2016 , 40, 173-180	5.6	22
61	Fibroblast Growth Factor 23 Is Associated With Subclinical Cerebrovascular Damage: The Northern Manhattan Study. <i>Stroke</i> , 2016 , 47, 923-8	6.7	22
60	Effects of Arterial Stiffness on Brain Integrity in Young Adults From the Framingham Heart Study. <i>Stroke</i> , 2016 , 47, 1030-6	6.7	70
59	Association of Physical Function with Clinical and Subclinical Brain Disease: The Framingham Offspring Study. <i>Journal of Alzheimer's Disease</i> , 2016 , 53, 1597-608	4.3	31
58	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, 451-61	4.3	72
57	Neck Circumference, Brain Imaging Measures, and Neuropsychological Testing Measures. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016 , 25, 1570-1581	2.8	3
56	Interarm differences in systolic blood pressure and the risk of dementia and subclinical brain injury. <i>Alzheimer's and Dementia</i> , 2016 , 12, 438-45	1.2	10

55	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016 , 19, 1569-1582	25.5	147
54	Cerebral amyloid is associated with greater white-matter hyperintensity accrual in cognitively normal older adults. <i>Neurobiology of Aging</i> , 2016 , 48, 48-52	5.6	26
53	Association of Alzheimer's disease GWAS loci with MRI markers of brain aging. <i>Neurobiology of Aging</i> , 2015 , 36, 1765.e7-1765.e16	5.6	63
52	A multiancestral genome-wide exome array study of Alzheimer disease, frontotemporal dementia, and progressive supranuclear palsy. <i>JAMA Neurology</i> , 2015 , 72, 414-22	17.2	33
51	The EADC-ADNI Harmonized Protocol for manual hippocampal segmentation on magnetic resonance: evidence of validity. <i>Alzheimer's and Dementia</i> , 2015 , 11, 111-25	1.2	137
50	Magnetic resonance imaging in Alzheimer's Disease Neuroimaging Initiative 2. <i>Alzheimer's and Dementia</i> , 2015 , 11, 740-56	1.2	101
49	Glucose indices are associated with cognitive and structural brain measures in young adults. <i>Neurology</i> , 2015 , 84, 2329-37	6.5	78
48	Cooccurrence of vascular risk factors and late-life white-matter integrity changes. <i>Neurobiology of Aging</i> , 2015 , 36, 1670-1677	5.6	20
47	Delphi definition of the EADC-ADNI Harmonized Protocol for hippocampal segmentation on magnetic resonance. <i>Alzheimer's and Dementia</i> , 2015 , 11, 126-38	1.2	96
46	A call for new thoughts about what might influence human brain aging: aging, apolipoprotein E, and amyloid. <i>JAMA Neurology</i> , 2015 , 72, 500-2	17.2	2
45	Verbal memory and brain aging: an exploratory analysis of the role of error responses in the Framingham Study. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2015 , 30, 622-8	2.5	4
44	Associations of Circulating Growth Differentiation Factor-15 and ST2 Concentrations With Subclinical Vascular Brain Injury and Incident Stroke. <i>Stroke</i> , 2015 , 46, 2568-75	6.7	38
43	White Matter Lesion Progression: Genome-Wide Search for Genetic Influences. <i>Stroke</i> , 2015 , 46, 3048-57.7	5.7	18
42	Diagnostic value of lobar microbleeds in individuals without intracerebral hemorrhage. <i>Alzheimer's and Dementia</i> , 2015 , 11, 1480-1488	1.2	89
41	Vitamin D Status and Rates of Cognitive Decline in a Multiethnic Cohort of Older Adults. <i>JAMA Neurology</i> , 2015 , 72, 1295-303	17.2	117
40	Structural Brain MRI Trait Polygenic Score Prediction of Cognitive Abilities. <i>Twin Research and Human Genetics</i> , 2015 , 18, 738-45	2.2	3
39	Myelin basic protein associates with A β , A τ -42, and amyloid plaques in cortex of Alzheimer's disease brain. <i>Journal of Alzheimer's Disease</i> , 2015 , 44, 1213-29	4.3	46
38	Infectious Burden and Cognitive Decline in the Northern Manhattan Study. <i>Journal of the American Geriatrics Society</i> , 2015 , 63, 1540-5	5.6	27

37	Cerebral Amyloid and Hypertension are Independently Associated with White Matter Lesions in Elderly. <i>Frontiers in Aging Neuroscience</i> , 2015 , 7, 221	5.3	39
36	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	3.7	20
35	Blood pressure control and cognitive performance: something to think about with aging. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 1963-4	27.4	5
34	A priori collaboration in population imaging: The Uniform Neuro-Imaging of Virchow-Robin Spaces Enlargement consortium. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015 , 1, 513-20	5.2	30
33	Existing Pittsburgh Compound-B positron emission tomography thresholds are too high: statistical and pathological evaluation. <i>Brain</i> , 2015 , 138, 2020-33	11.2	227
32	White matter hyperintensities and their penumbra lie along a continuum of injury in the aging brain. <i>Stroke</i> , 2014 , 45, 1721-6	6.7	100
31	White matter hyperintensities are associated with visual search behavior independent of generalized slowing in aging. <i>Neuropsychologia</i> , 2014 , 52, 93-101	3.2	9
30	Vascular risk and A β interact to reduce cortical thickness in AD vulnerable brain regions. <i>Neurology</i> , 2014 , 83, 40-7	6.5	67
29	Structural imaging measures of brain aging. <i>Neuropsychology Review</i> , 2014 , 24, 271-89	7.7	144
28	ERP abnormalities elicited by word repetition in fragile X-associated tremor/ataxia syndrome (FXTAS) and amnesic MCI. <i>Neuropsychologia</i> , 2014 , 63, 34-42	3.2	15
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