

Prashanthi Vemuri

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.

203
papers

14,201
citations

61
h-index

117
g-index

235
ext. papers

17,828
ext. citations

7.5
avg, IF

6.36
L-index

#	Paper	IF	Citations
203	Long-term associations between amyloid positron emission tomography, sex, apolipoprotein E and incident dementia and mortality among individuals without dementia: hazard ratios and absolute risk.. <i>Brain Communications</i> , 2022 , 4, fcac017	4.5	2
202	Imaging Markers of Vascular Brain Health: Quantification, Clinical Implications, and Future Directions.. <i>Stroke</i> , 2022 , STROKEAHA120032611	6.7	2
201	H MR spectroscopy biomarkers of neuronal and synaptic function are associated with tau deposition in cognitively unimpaired older adults.. <i>Neurobiology of Aging</i> , 2022 , 112, 16-26	5.6	2
200	White matter damage due to vascular, tau, and TDP-43 pathologies and its relevance to cognition.. <i>Acta Neuropathologica Communications</i> , 2022 , 10, 16	7.3	1
199	Exploring common genetic contributors to neuroprotection from amyloid pathology.. <i>Brain Communications</i> , 2022 , 4, fcac066	4.5	1
198	Deep learning identifies brain structures that predict cognition and explain heterogeneity in cognitive aging.. <i>NeuroImage</i> , 2022 , 251, 119020	7.9	0
197	Tau polygenic risk scoring: a cost-effective aid for prognostic counseling in Alzheimer's disease.. <i>Acta Neuropathologica</i> , 2022 , 143, 571	14.3	0
196	Artificial Intelligence-Enabled Electrocardiogram for Atrial Fibrillation Identifies Cognitive Decline Risk and Cerebral Infarcts.. <i>Mayo Clinic Proceedings</i> , 2022 , 97, 871-880	6.4	0
195	White matter changes in empirically derived incident MCI subtypes in the Mayo Clinic Study of Aging.. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021 , 13, e12269	5.2	
194	Tau-Atrophy Variability Reveals Phenotypic Heterogeneity in Alzheimer's Disease. <i>Annals of Neurology</i> , 2021 , 90, 751-762	9.4	3
193	A novel method for causal structure discovery from EHR data and its application to type-2 diabetes mellitus. <i>Scientific Reports</i> , 2021 , 11, 21025	4.9	0
192	Cerebrospinal fluid dynamics and discordant amyloid biomarkers. <i>Neurobiology of Aging</i> , 2021 , 110, 27-36.6	3.6	2
191	Comparison of CSF neurofilament light chain, neurogranin, and tau to MRI markers. <i>Alzheimer's and Dementia</i> , 2021 , 17, 801-812	1.2	7
190	White matter abnormalities are key components of cerebrovascular disease impacting cognitive decline. <i>Brain Communications</i> , 2021 , 3, fcab076	4.5	2
189	NIA-AA Alzheimer's Disease Framework: Clinical Characterization of Stages. <i>Annals of Neurology</i> , 2021 , 89, 1145-1156	9.4	8
188	Diffusion models reveal white matter microstructural changes with ageing, pathology and cognition. <i>Brain Communications</i> , 2021 , 3, fcab106	4.5	4
187	Cerebral Amyloid Angiopathy Burden and Cerebral Microbleeds: Pathological Evidence for Distinct Phenotypes. <i>Journal of Alzheimer's Disease</i> , 2021 , 81, 113-122	4.3	2

186	The Longitudinal Early-onset Alzheimer's Disease Study (LEADS): Framework and methodology. <i>Alzheimer's and Dementia</i> , 2021 ,	1.2	5
185	Changing the face of neuroimaging research: Comparing a new MRI de-facing technique with popular alternatives. <i>NeuroImage</i> , 2021 , 231, 117845	7.9	8
184	Lipidomic Network of Mild Cognitive Impairment from the Mayo Clinic Study of Aging. <i>Journal of Alzheimer's Disease</i> , 2021 , 81, 533-543	4.3	
183	Cerebral Microbleeds: Relationship to Antithrombotic Medications. <i>Stroke</i> , 2021 , 52, 2347-2355	6.7	1
182	Brain Regional Glucose Metabolism, Neuropsychiatric Symptoms, and the Risk of Incident Mild Cognitive Impairment: The Mayo Clinic Study of Aging. <i>American Journal of Geriatric Psychiatry</i> , 2021 , 29, 179-191	6.5	6
181	Association of Hospitalization with Long-Term Cognitive Trajectories in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2021 , 69, 660-668	5.6	6
180	Associations of quantitative susceptibility mapping with Alzheimer's disease clinical and imaging markers. <i>NeuroImage</i> , 2021 , 224, 117433	7.9	13
179	Association of Initial β Amyloid Levels With Subsequent Flortaucipir Positron Emission Tomography Changes in Persons Without Cognitive Impairment. <i>JAMA Neurology</i> , 2021 , 78, 217-228	17.2	13
178	Brain MRI after critical care admission: A longitudinal imaging study. <i>Journal of Critical Care</i> , 2021 , 62, 117-123	4	2
177	Association of Cortical and Subcortical β Amyloid With Standardized Measures of Depressive and Anxiety Symptoms in Adults Without Dementia. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2021 , 33, 64-71	2.7	4
176	Study of Symptomatic vs. Silent Brain Infarctions on MRI in Elderly Subjects. <i>Frontiers in Neurology</i> , 2021 , 12, 615024	4.1	1
175	Gait Speed and Instrumental Activities of Daily Living in Older Adults After Hospitalization: A Longitudinal Population-Based Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, e272-e280	6.4	
174	Coping with brain amyloid: genetic heterogeneity and cognitive resilience to Alzheimer's pathophysiology. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 48	7.3	6
173	Comparison of CSF phosphorylated tau 181 and 217 for cognitive decline. <i>Alzheimer's and Dementia</i> , 2021 ,	1.2	3
172	Cognitive Impairment and Dementia After Stroke: Design and Rationale for the DISCOVERY Study. <i>Stroke</i> , 2021 , 52, e499-e516	6.7	6
171	Chronic Kidney Disease Associated with Worsening White Matter Disease and Ventricular Enlargement. <i>Journal of Alzheimer's Disease</i> , 2021 , 83, 1729-1740	4.3	0
170	Cerebral Amyloid Angiopathy Pathology and Its Association With Amyloid- β PET Signal. <i>Neurology</i> , 2021 , 97, e1799-e1808	6.5	1
169	Associations of amyloid and neurodegeneration plasma biomarkers with comorbidities. <i>Alzheimer's and Dementia</i> , 2021 ,	1.2	9

168	Selecting software pipelines for change in flortaucipir SUVR: Balancing repeatability and group separation. <i>NeuroImage</i> , 2021 , 238, 118259	7.9	4
167	Comparison of Plasma Phosphorylated Tau Species With Amyloid and Tau Positron Emission Tomography, Neurodegeneration, Vascular Pathology, and Cognitive Outcomes. <i>JAMA Neurology</i> , 2021 , 78, 1108-1117	17.2	25
166	-Jacksonville (V236E) variant reduces self-aggregation and risk of dementia. <i>Science Translational Medicine</i> , 2021 , 13, eabc9375	17.5	6
165	Relationships between Amyloid and tau in an elderly population: An accelerated failure time model. <i>NeuroImage</i> , 2021 , 242, 118440	7.9	1
164	Longitudinal deterioration of white-matter integrity: heterogeneity in the ageing population. <i>Brain Communications</i> , 2021 , 3, fcaa238	4.5	3
163	Comparison of plasma neurofilament light and total tau as neurodegeneration markers: associations with cognitive and neuroimaging outcomes.. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 199	9	2
162	Cortical atrophy patterns of incident MCI subtypes in the Mayo Clinic Study of Aging. <i>Alzheimer's and Dementia</i> , 2020 , 16, 1013-1022	1.2	7
161	Prevalence and Heterogeneity of Cerebrovascular Disease Imaging Lesions. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 1195-1205	6.4	13
160	Exposure to surgery with general anaesthesia during adult life is not associated with increased brain amyloid deposition in older adults. <i>British Journal of Anaesthesia</i> , 2020 , 124, 594-602	5.4	7
159	Witnessed apneas are associated with elevated tau-PET levels in cognitively unimpaired elderly. <i>Neurology</i> , 2020 , 94, e1793-e1802	6.5	13
158	Better stress coping associated with lower tau in amyloid-positive cognitively unimpaired older adults. <i>Neurology</i> , 2020 , 94, e1571-e1579	6.5	8
157	Challenges and Opportunities with Causal Discovery Algorithms: Application to Alzheimer's Pathophysiology. <i>Scientific Reports</i> , 2020 , 10, 2975	4.9	17
156	Imaging Biomarkers of Alzheimer Disease in Multiple Sclerosis. <i>Annals of Neurology</i> , 2020 , 87, 556-567	9.4	11
155	Fully bayesian longitudinal unsupervised learning for the assessment and visualization of AD heterogeneity and progression. <i>Aging</i> , 2020 , 12, 12622-12647	5.6	5
154	Cerebral microbleed incidence, relationship to amyloid burden: The Mayo Clinic Study of Aging. <i>Neurology</i> , 2020 , 94, e190-e199	6.5	20
153	REM sleep atonia loss distinguishes synucleinopathy in older adults with cognitive impairment. <i>Neurology</i> , 2020 , 94, e15-e29	6.5	13
152	Predicting future rates of tau accumulation on PET. <i>Brain</i> , 2020 , 143, 3136-3150	11.2	25
151	Reduced fractional anisotropy of the genu of the corpus callosum as a cerebrovascular disease marker and predictor of longitudinal cognition in MCI. <i>Neurobiology of Aging</i> , 2020 , 96, 176-183	5.6	14

150	Variants in and are associated with higher tau deposition. <i>Brain Communications</i> , 2020 , 2, fcaa159	4.5	3
149	Theoretical frameworks and approaches used within the Reserve, Resilience and Protective Factors professional interest area of the Alzheimer's Association International Society to Advance Alzheimer's Research and Treatment. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020 , 12, e121115	5.2	5
148	Artificial Intelligence-Electrocardiography to Predict Incident Atrial Fibrillation: A Population-Based Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020 , 13, e009355	6.4	23
147	Neuroimaging in dementias 2020 , 187-197		
146	Associations Between Plasma Ceramides and Cerebral Microbleeds or Lacunes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 2785-2793	9.4	1
145	Whitepaper: Defining and investigating cognitive reserve, brain reserve, and brain maintenance. <i>Alzheimer's and Dementia</i> , 2020 , 16, 1305-1311	1.2	365
144	Brain amyloid, cortical thickness, and changes in activities of daily living. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 474-485	5.3	1
143	Improving the resistance and resilience framework for aging and dementia studies. <i>Alzheimer's Research and Therapy</i> , 2020 , 12, 41	9	11
142	The bivariate distribution of amyloid- β and tau: relationship with established neurocognitive clinical syndromes. <i>Brain</i> , 2019 , 142, 3230-3242	11.2	77
141	Cardiometabolic Health and Longitudinal Progression of White Matter Hyperintensity: The Mayo Clinic Study of Aging. <i>Stroke</i> , 2019 , 50, 3037-3044	6.7	15
140	Elevated Plasma Ceramides Are Associated With Higher White Matter Hyperintensity Volume-Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 2431-2436	9.4	5
139	Associations of Amyloid, Tau, and Neurodegeneration Biomarker Profiles With Rates of Memory Decline Among Individuals Without Dementia. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 2316-2325	27.4	115
138	Cross-sectional associations of tau-PET signal with cognition in cognitively unimpaired adults. <i>Neurology</i> , 2019 , 93, e29-e39	6.5	36
137	Plasma and CSF neurofilament light: Relation to longitudinal neuroimaging and cognitive measures. <i>Neurology</i> , 2019 , 93, e252-e260	6.5	81
136	White matter hyperintensities: relationship to amyloid and tau burden. <i>Brain</i> , 2019 , 142, 2483-2491	11.2	62
135	Investigation of white matter PiB uptake as a marker of white matter integrity. <i>Annals of Clinical and Translational Neurology</i> , 2019 , 6, 678-688	5.3	11
134	The metabolic brain signature of cognitive resilience in the 80+: beyond Alzheimer pathologies. <i>Brain</i> , 2019 , 142, 1134-1147	11.2	44
133	White matter hyperintensities in vascular contributions to cognitive impairment and dementia (VCID): Knowledge gaps and opportunities. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019 , 5, 107-117	6	129

132	Cortical β -amyloid burden, neuropsychiatric symptoms, and cognitive status: the Mayo Clinic Study of Aging. <i>Translational Psychiatry</i> , 2019 , 9, 123	8.6	34
131	Longitudinal association between phosphatidylcholines, neuroimaging measures of Alzheimer's disease pathophysiology, and cognition in the Mayo Clinic Study of Aging. <i>Neurobiology of Aging</i> , 2019 , 79, 43-49	5.6	4
130	Relationship Between Risk Factors and Brain Reserve in Late Middle Age: Implications for Cognitive Aging. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 355	5.3	14
129	The Association of Multimorbidity With Preclinical AD Stages and SNAP in Cognitively Unimpaired Persons. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 877-883	6.4	10
128	Prevalence of Biologically vs Clinically Defined Alzheimer Spectrum Entities Using the National Institute on Aging-Alzheimer's Association Research Framework. <i>JAMA Neurology</i> , 2019 ,	17.2	106
127	Exposure to surgery under general anaesthesia and brain magnetic resonance imaging changes in older adults. <i>British Journal of Anaesthesia</i> , 2019 , 123, 808-817	5.4	7
126	Identification of Anonymous MRI Research Participants with Face-Recognition Software. <i>New England Journal of Medicine</i> , 2019 , 381, 1684-1686	59.2	67
125	Association of Apolipoprotein E e4, Educational Level, and Sex With Tau Deposition and Tau-Mediated Metabolic Dysfunction in Older Adults. <i>JAMA Network Open</i> , 2019 , 2, e1913909	10.4	22
124	Amyloid, Vascular, and Resilience Pathways Associated with Cognitive Aging. <i>Annals of Neurology</i> , 2019 , 86, 866-877	9.4	20
123	Incidence of Convexal Subarachnoid Hemorrhage in the Elderly: The Mayo Clinic Study of Aging. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019 , 28, 104451	2.8	1
122	Comparison of variables associated with cerebrospinal fluid neurofilament, total-tau, and neurogranin. <i>Alzheimer's and Dementia</i> , 2019 , 15, 1437-1447	1.2	20
121	Mechanisms underlying resilience in ageing. <i>Nature Reviews Neuroscience</i> , 2019 , 20, 246	13.5	19
120	Predicting Short-term MCI-to-AD Progression Using Imaging, CSF, Genetic Factors, Cognitive Resilience, and Demographics. <i>Scientific Reports</i> , 2019 , 9, 2235	4.9	24
119	Entorhinal cortex tau, amyloid- β cortical thickness and memory performance in non-demented subjects. <i>Brain</i> , 2019 , 142, 1148-1160	11.2	49
118	2019 ,		1
117	O3-04-01: BIOMARKERS FOR CAPTURING AMYLOID-INDEPENDENT EFFECTS OF VASCULAR HEALTH ON COGNITIVE DECLINE 2019 , 15, P885-P886		
116	Cerebrospinal fluid dynamics disorders: Relationship to Alzheimer biomarkers and cognition. <i>Neurology</i> , 2019 , 93, e2237-e2246	6.5	7
115	Cerebral microbleeds: Prevalence and relationship to amyloid burden. <i>Neurology</i> , 2019 , 92, e253-e262	6.5	31

114	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
113	A Comparison of Partial Volume Correction Techniques for Measuring Change in Serial Amyloid PET SUVR. <i>Journal of Alzheimer's Disease</i> , 2019 , 67, 181-195	4.3	24
112	Joint associations of Amyloidosis and cortical thickness with cognition. <i>Neurobiology of Aging</i> , 2018 , 65, 121-131	5.6	21
111	Frequency of Acute and Subacute Infarcts in a Population-Based Study. <i>Mayo Clinic Proceedings</i> , 2018 , 93, 300-306	6.4	3
110	Plasma phospho-tau181 increases with Alzheimer's disease clinical severity and is associated with tau- and amyloid-positron emission tomography. <i>Alzheimer's and Dementia</i> , 2018 , 14, 989-997	1.2	217
109	The National Institute on Aging and the Alzheimer's Association Research Framework for Alzheimer's disease: Perspectives from the Research Roundtable. <i>Alzheimer's and Dementia</i> , 2018 , 14, 563-575	1.2	61
108	Sex differences in cerebrovascular pathologies on FLAIR in cognitively unimpaired elderly. <i>Neurology</i> , 2018 , 90, e466-e473	6.5	26
107	Widespread brain tau and its association with ageing, Braak stage and Alzheimer's dementia. <i>Brain</i> , 2018 , 141, 271-287	11.2	139
106	Longitudinal Association Between Brain Amyloid-Beta and Gait in the Mayo Clinic Study of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 1244-1250	6.4	19
105	Resistance vs resilience to Alzheimer disease: Clarifying terminology for preclinical studies. <i>Neurology</i> , 2018 , 90, 695-703	6.5	120
104	Imaging correlations of tau, amyloid, metabolism, and atrophy in typical and atypical Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2018 , 14, 1005-1014	1.2	47
103	Longitudinal tau PET in ageing and Alzheimer's disease. <i>Brain</i> , 2018 , 141, 1517-1528	11.2	194
102	Association of Excessive Daytime Sleepiness With Longitudinal Amyloid Accumulation in Elderly Persons Without Dementia. <i>JAMA Neurology</i> , 2018 , 75, 672-680	17.2	95
101	Considerations for Performing Level-2 Centiloid Transformations for Amyloid PET SUVR values. <i>Scientific Reports</i> , 2018 , 8, 7421	4.9	5
100	Depressive and anxiety symptoms and cortical amyloid deposition among cognitively normal elderly persons: the Mayo Clinic Study of Aging. <i>International Psychogeriatrics</i> , 2018 , 30, 245-251	3.4	28
99	PL-05-02: AD BIOMARKER EPIDEMIOLOGY IN THE AGING POPULATION: PREVALENCE, RISK FACTORS, AND OUTCOMES 2018 , 14, P1635-P1635		
98	Association Between Functional Performance and Alzheimer's Disease Biomarkers in Individuals Without Dementia. <i>Journal of the American Geriatrics Society</i> , 2018 , 66, 2274-2281	5.6	9
97	Development of a cerebrovascular magnetic resonance imaging biomarker for cognitive aging. <i>Annals of Neurology</i> , 2018 , 84, 705-716	9.4	30

96	Physical exercise and cognitive engagement outcomes for mild neurocognitive disorder: a group-randomized pilot trial. <i>Trials</i> , 2018 , 19, 573	2.8	8
95	Statins and Brain Health: Alzheimer's Disease and Cerebrovascular Disease Biomarkers in Older Adults. <i>Journal of Alzheimer's Disease</i> , 2018 , 65, 1345-1352	4.3	18
94	"Exceptional brain aging" without Alzheimer's disease: triggers, accelerators, and the net sum game. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 53	9	13
93	Regional cortical perfusion on arterial spin labeling MRI in dementia with Lewy bodies: Associations with clinical severity, glucose metabolism and tau PET. <i>NeuroImage: Clinical</i> , 2018 , 19, 939-947	5.3	15
92	Stemming the Alzheimer tsunami: introduction to the special issue on reserve and resilience in Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2017 , 11, 301-303	4.1	2
91	Association Between Mentally Stimulating Activities in Late Life and the Outcome of Incident Mild Cognitive Impairment, With an Analysis of the APOE ϵ Genotype. <i>JAMA Neurology</i> , 2017 , 74, 332-338	17.2	44
90	Contributions of imprecision in PET-MRI rigid registration to imprecision in amyloid PET SUVR measurements. <i>Human Brain Mapping</i> , 2017 , 38, 3323-3336	5.9	19
89	Evaluation of Amyloid Protective Factors and Alzheimer Disease Neurodegeneration Protective Factors in Elderly Individuals. <i>JAMA Neurology</i> , 2017 , 74, 718-726	17.2	87
88	Age-specific and sex-specific prevalence of cerebral β -amyloidosis, tauopathy, and neurodegeneration in cognitively unimpaired individuals aged 50-95 years: a cross-sectional study. <i>Lancet Neurology</i> , 2017 , 16, 435-444	24.1	174
87	Linking Amyloid- β and Tau Deposition in Alzheimer Disease. <i>JAMA Neurology</i> , 2017 , 74, 766-768	17.2	8
86	Tau-PET uptake: Regional variation in average SUVR and impact of amyloid deposition. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017 , 6, 21-30	5.2	57
85	Prevalence and Natural History of Superficial Siderosis: A Population-Based Study. <i>Stroke</i> , 2017 , 48, 3210-3214	6.3	24
84	Age, vascular health, and Alzheimer disease biomarkers in an elderly sample. <i>Annals of Neurology</i> , 2017 , 82, 706-718	9.4	99
83	Uptake of AV-1451 in meningiomas. <i>Annals of Nuclear Medicine</i> , 2017 , 31, 736-743	2.5	4
82	Neuroimaging Correlates of Cerebral Microbleeds: The ARIC Study (Atherosclerosis Risk in Communities). <i>Stroke</i> , 2017 , 48, 2964-2972	6.7	40
81	Weighting and standardization of frequencies to determine prevalence of AD imaging biomarkers. <i>Neurology</i> , 2017 , 89, 2039-2048	6.5	13
80	[Formula: see text]Practice effects and longitudinal cognitive change in clinically normal older adults differ by Alzheimer imaging biomarker status. <i>Clinical Neuropsychologist</i> , 2017 , 31, 99-117	4.4	33
79	Excessive daytime sleepiness and fatigue may indicate accelerated brain aging in cognitively normal late middle-aged and older adults. <i>Sleep Medicine</i> , 2017 , 32, 236-243	4.6	49

78	Mediterranean diet, micronutrients and macronutrients, and MRI measures of cortical thickness. <i>Alzheimer's and Dementia</i> , 2017 , 13, 168-177	1.2	70
77	Optimizing PiB-PET SUVR change-over-time measurement by a large-scale analysis of longitudinal reliability, plausibility, separability, and correlation with MMSE. <i>NeuroImage</i> , 2017 , 144, 113-127	7.9	49
76	Defining imaging biomarker cut points for brain aging and Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2017 , 13, 205-216	1.2	358
75	Cerebral Amyloid Deposition Is Associated with Gait Parameters in the Mayo Clinic Study of Aging. <i>Journal of the American Geriatrics Society</i> , 2017 , 65, 792-799	5.6	32
74	[IC-P-122]: THE MAYO CLINIC ADULT LIFE SPAN TEMPLATE: BETTER QUANTIFICATION ACROSS THE LIFE SPAN 2017 , 13, P93-P94		17
73	[O40402]: MULTIMODAL IMAGING APPROACH TO UNDERSTAND THE IMPACT OF VASCULAR HEALTH ON BRAIN DIFFUSION, PERFUSION, METABOLISM, AND STRUCTURE 2017 , 13, P1235		
72	Association of Kidney Function Biomarkers with Brain MRI Findings: The BRINK Study. <i>Journal of Alzheimer's Disease</i> , 2017 , 55, 1069-1082	4.3	20
71	Effects of hormone therapy on brain structure: A randomized controlled trial. <i>Neurology</i> , 2016 , 87, 887-965		33
70	A large-scale comparison of cortical thickness and volume methods for measuring Alzheimer's disease severity. <i>NeuroImage: Clinical</i> , 2016 , 11, 802-812	5.3	137
69	Age and neurodegeneration imaging biomarkers in persons with Alzheimer disease dementia. <i>Neurology</i> , 2016 , 87, 691-8	6.5	20
68	Evolution of neurodegeneration-imaging biomarkers from clinically normal to dementia in the Alzheimer disease spectrum. <i>Neurobiology of Aging</i> , 2016 , 46, 32-42	5.6	13
67	Cascading network failure across the Alzheimer's disease spectrum. <i>Brain</i> , 2016 , 139, 547-62	11.2	265
66	Transition rates between amyloid and neurodegeneration biomarker states and to dementia: a population-based, longitudinal cohort study. <i>Lancet Neurology</i> , 2016 , 15, 56-64	24.1	82
65	The Brain in Kidney Disease (BRINK) Cohort Study: Design and Baseline Cognitive Function. <i>American Journal of Kidney Diseases</i> , 2016 , 67, 593-600	7.4	29
64	Effect of intellectual enrichment on AD biomarker trajectories: Longitudinal imaging study. <i>Neurology</i> , 2016 , 86, 1128-35	6.5	55
63	Influence of amyloid and APOE on cognitive performance in a late middle-aged cohort. <i>Alzheimer's and Dementia</i> , 2016 , 12, 281-91	1.2	34
62	Mixed tau and TDP-43 pathology in a patient with unclassifiable primary progressive aphasia. <i>Neurocase</i> , 2016 , 22, 55-9	0.8	8
61	Atrial fibrillation, cognitive impairment, and neuroimaging. <i>Alzheimer's and Dementia</i> , 2016 , 12, 391-8	1.2	43

60	The role of cerebrovascular disease when there is concomitant Alzheimer disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 952-6	6.9	30
59	Cognitive interventions in Alzheimer [®] and Parkinson [®] diseases: emerging mechanisms and role of imaging. <i>Current Opinion in Neurology</i> , 2016 , 29, 405-11	7.1	11
58	Imaging markers of cerebrovascular pathologies: Pathophysiology, clinical presentation, and risk factors. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016 , 5, 5-14	5.2	9
57	IC-01-01: Predictors of Regional TAU-PET Uptake: Mayo Clinic Study of Aging 2016 , 12, P1-P1		
56	O2-05-04: Resilience Factors for Amyloid Deposition and Neurodegeneration are Different 2016 , 12, P234-P235		
55	Working memory and language network dysfunctions in logopenic aphasia: a task-free fMRI comparison with Alzheimer [®] dementia. <i>Neurobiology of Aging</i> , 2015 , 36, 1245-52	5.6	64
54	Magnetic resonance imaging in Alzheimer [®] Disease Neuroimaging Initiative 2. <i>Alzheimer's and Dementia</i> , 2015 , 11, 740-56	1.2	101
53	Vascular and amyloid pathologies are independent predictors of cognitive decline in normal elderly. <i>Brain</i> , 2015 , 138, 761-71	11.2	173
52	Age, Sex, and APOE ϵ Effects on Memory, Brain Structure, and β Amyloid Across the Adult Life Span. <i>JAMA Neurology</i> , 2015 , 72, 511-9	17.2	229
51	Accelerated vs. unaccelerated serial MRI based TBM-SyN measurements for clinical trials in Alzheimer [®] disease. <i>NeuroImage</i> , 2015 , 113, 61-9	7.9	26
50	Different definitions of neurodegeneration produce similar amyloid/neurodegeneration biomarker group findings. <i>Brain</i> , 2015 , 138, 3747-59	11.2	128
49	Role of β Amyloidosis and Neurodegeneration in Subsequent Imaging Changes in Mild Cognitive Impairment. <i>JAMA Neurology</i> , 2015 , 72, 1475-83	17.2	19
48	IC-P-151: Longitudinal outcomes and profiles of distinct biomarker clusters based on vascular disease, neurodegeneration, and amyloid deposition 2015 , 11, P102-P102		
47	F5-01-03: Better intellectual lifestyle to keep cognitive impairment away 2015 , 11, P303-P304		
46	Independent comparison of CogState computerized testing and a standard cognitive battery with neuroimaging. <i>Alzheimer's and Dementia</i> , 2014 , 10, 779-89	1.2	19
45	Age-specific population frequencies of cerebral β amyloidosis and neurodegeneration among people with normal cognitive function aged 50-89 years: a cross-sectional study. <i>Lancet Neurology</i> , 2014 , 13, 997-1005	24.1	246
44	Clinicopathologic assessment and imaging of tauopathies in neurodegenerative dementias. <i>Alzheimer's Research and Therapy</i> , 2014 , 6, 1	9	110
43	¹⁸ F-fluorodeoxyglucose positron emission tomography, aging, and apolipoprotein E genotype in cognitively normal persons. <i>Neurobiology of Aging</i> , 2014 , 35, 2096-106	5.6	85

42	Improved DTI registration allows voxel-based analysis that outperforms tract-based spatial statistics. <i>NeuroImage</i> , 2014 , 94, 65-78	7.9	135
41	Sex and gender differences in the causes of dementia: a narrative review. <i>Maturitas</i> , 2014 , 79, 196-201	5	103
40	Clinical epidemiology of Alzheimer's disease: assessing sex and gender differences. <i>Clinical Epidemiology</i> , 2014 , 6, 37-48	5.9	521
39	Antemortem MRI findings associated with microinfarcts at autopsy. <i>Neurology</i> , 2014 , 82, 1951-8	6.5	39
38	Association of hypometabolism and amyloid levels in aging, normal subjects. <i>Neurology</i> , 2014 , 82, 1959-67	6.5	60
37	The GGGGCC repeat expansion in C9ORF72 in a case with discordant clinical and FDG-PET findings: PET trumps syndrome. <i>Neurocase</i> , 2014 , 20, 110-20	0.8	13
36	Association of lifetime intellectual enrichment with cognitive decline in the older population. <i>JAMA Neurology</i> , 2014 , 71, 1017-24	17.2	123
35	Progranulin-associated PiB-negative logopenic primary progressive aphasia. <i>Journal of Neurology</i> , 2014 , 261, 604-14	5.5	48
34	MRI and MRS predictors of mild cognitive impairment in a population-based sample. <i>Neurology</i> , 2013 , 81, 126-33	6.5	71
33	Tracking pathophysiological processes in Alzheimer's disease: an updated hypothetical model of dynamic biomarkers. <i>Lancet Neurology</i> , 2013 , 12, 207-16	24.1	2557
32	MRI and pathology of REM sleep behavior disorder in dementia with Lewy bodies. <i>Neurology</i> , 2013 , 81, 1681-9	6.5	46
31	Brain amyloid load approaches a plateau. <i>Neurology</i> , 2013 , 80, 890-6	6.5	260
30	Thrombogenic microvesicles and white matter hyperintensities in postmenopausal women. <i>Neurology</i> , 2013 , 80, 911-8	6.5	68
29	Brain injury biomarkers are not dependent on amyloid in normal elderly. <i>Annals of Neurology</i> , 2013 , 73, 472-80	9.4	133
28	Amyloid-first and neurodegeneration-first profiles characterize incident amyloid PET positivity. <i>Neurology</i> , 2013 , 81, 1732-40	6.5	142
27	Selective worsening of brain injury biomarker abnormalities in cognitively normal elderly persons with amyloidosis. <i>JAMA Neurology</i> , 2013 , 70, 1030-8	17.2	58
26	Characterization of a family with c9FTD/ALS associated with the GGGGCC repeat expansion in C9ORF72. <i>Archives of Neurology</i> , 2012 , 69, 1164-9		16
25	Effect of lifestyle activities on Alzheimer disease biomarkers and cognition. <i>Annals of Neurology</i> , 2012 , 72, 730-8	9.4	118

24	Resting state functional MRI in Alzheimer's Disease. <i>Alzheimer's Research and Therapy</i> , 2012 , 4, 2	9	76
23	Diagnostic neuroimaging across diseases. <i>NeuroImage</i> , 2012 , 61, 457-63	7.9	199
22	Non-stationarity in the "resting brain" modular architecture. <i>PLoS ONE</i> , 2012 , 7, e39731	3.7	293
21	Imaging and acetylcholinesterase inhibitor response in dementia with Lewy bodies. <i>Brain</i> , 2012 , 135, 2470-7	11.2	53
20	Focal atrophy on MRI and neuropathologic classification of dementia with Lewy bodies. <i>Neurology</i> , 2012 , 79, 553-60	6.5	69
19	An operational approach to National Institute on Aging-Alzheimer's Association criteria for preclinical Alzheimer disease. <i>Annals of Neurology</i> , 2012 , 71, 765-75	9.4	435
18	Characterization of frontotemporal dementia and/or amyotrophic lateral sclerosis associated with the GGGGCC repeat expansion in C9ORF72. <i>Brain</i> , 2012 , 135, 765-83	11.2	277
17	Shapes of the trajectories of 5 major biomarkers of Alzheimer disease. <i>Archives of Neurology</i> , 2012 , 69, 856-67		86
16	A quantitative postmortem MRI design sensitive to white matter hyperintensity differences and their relationship with underlying pathology. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012 , 71, 1113-22	3.1	60
15	Antemortem differential diagnosis of dementia pathology using structural MRI: Differential-STAND. <i>NeuroImage</i> , 2011 , 55, 522-31	7.9	74
14	Effects of hardware heterogeneity on the performance of SVM Alzheimer's disease classifier. <i>NeuroImage</i> , 2011 , 58, 785-92	7.9	71
13	Time-to-event voxel-based techniques to assess regional atrophy associated with MCI risk of progression to AD. <i>NeuroImage</i> , 2011 , 54, 985-91	7.9	22
12	Effect of APOE ϵ status on intrinsic network connectivity in cognitively normal elderly subjects. <i>Archives of Neurology</i> , 2011 , 68, 1131-6		176
11	Disrupted thalamocortical connectivity in PSP: a resting-state fMRI, DTI, and VBM study. <i>Parkinsonism and Related Disorders</i> , 2011 , 17, 599-605	3.6	125
10	Evidence for ordering of Alzheimer disease biomarkers. <i>Archives of Neurology</i> , 2011 , 68, 1526-35		170
9	Cognitive reserve and Alzheimer's disease biomarkers are independent determinants of cognition. <i>Brain</i> , 2011 , 134, 1479-92	11.2	96
8	Brain beta-amyloid measures and magnetic resonance imaging atrophy both predict time-to-progression from mild cognitive impairment to Alzheimer's disease. <i>Brain</i> , 2010 , 133, 3336-48	11.2	377
7	Role of structural MRI in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2010 , 2, 23	9	76

6	Effect of apolipoprotein E on biomarkers of amyloid load and neuronal pathology in Alzheimer disease. <i>Annals of Neurology</i> , 2010 , 67, 308-16	9.4	130
5	Distinct anatomical subtypes of the behavioural variant of frontotemporal dementia: a cluster analysis study. <i>Brain</i> , 2009 , 132, 2932-46	11.2	223
4	Alzheimer's disease diagnosis in individual subjects using structural MR images: validation studies. <i>NeuroImage</i> , 2008 , 39, 1186-97	7.9	342
3	Antemortem MRI based STructural Abnormality iNDex (STAND)-scores correlate with postmortem Braak neurofibrillary tangle stage. <i>NeuroImage</i> , 2008 , 42, 559-67	7.9	137
2	Automatic detection of three-dimensional vascular tree centerlines and bifurcations in high-resolution magnetic resonance angiography. <i>Investigative Radiology</i> , 2005 , 40, 661-71	10.1	14
1	Association of Performance on the Financial Capacity Instrument Short Form With Brain Amyloid Load and Cortical Thickness in Older Adults. <i>Neurology: Clinical Practice</i> , 10.1212/CPJ.0000000000001157	7.7	