

David Cash

List of Publications by Citations

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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.

219
papers

5,135
citations

37
h-index

68
g-index

267
ext. papers

6,608
ext. citations

5.4
avg, IF

5.17
L-index

#	Paper	IF	Citations
219	Presymptomatic cognitive and neuroanatomical changes in genetic frontotemporal dementia in the Genetic Frontotemporal dementia Initiative (GENFI) study: a cross-sectional analysis. <i>Lancet Neurology, The</i> , 2015 , 14, 253-62	24.1	328
218	Faciobrachial dystonic seizures: the influence of immunotherapy on seizure control and prevention of cognitive impairment in a broadening phenotype. <i>Brain</i> , 2013 , 136, 3151-62	11.2	298
217	Regional variability of imaging biomarkers in autosomal dominant Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E4502-9	11.5	253
216	Spatial patterns of neuroimaging biomarker change in individuals from families with autosomal dominant Alzheimer's disease: a longitudinal study. <i>Lancet Neurology, The</i> , 2018 , 17, 241-250	24.1	224
215	Geodesic Information Flows: Spatially-Variant Graphs and Their Application to Segmentation and Fusion. <i>IEEE Transactions on Medical Imaging</i> , 2015 , 34, 1976-88	11.7	194
214	STEPS: Similarity and Truth Estimation for Propagated Segmentations and its application to hippocampal segmentation and brain parcellation. <i>Medical Image Analysis</i> , 2013 , 17, 671-84	15.4	188
213	Accurate multimodal probabilistic prediction of conversion to Alzheimer's disease in patients with mild cognitive impairment. <i>NeuroImage: Clinical</i> , 2013 , 2, 735-45	5.3	171
212	Neurofilament light chain: a biomarker for genetic frontotemporal dementia. <i>Annals of Clinical and Translational Neurology</i> , 2016 , 3, 623-36	5.3	163
211	Global image registration using a symmetric block-matching approach. <i>Journal of Medical Imaging</i> , 2014 , 1, 024003	2.6	163
210	A data-driven model of biomarker changes in sporadic Alzheimer's disease. <i>Brain</i> , 2014 , 137, 2564-77	11.2	149
209	Uncovering the heterogeneity and temporal complexity of neurodegenerative diseases with Subtype and Stage Inference. <i>Nature Communications</i> , 2018 , 9, 4273	17.4	125
208	Cortical surface registration for image-guided neurosurgery using laser-range scanning. <i>IEEE Transactions on Medical Imaging</i> , 2003 , 22, 973-85	11.7	118
207	Patterns of gray matter atrophy in genetic frontotemporal dementia: results from the GENFI study. <i>Neurobiology of Aging</i> , 2018 , 62, 191-196	5.6	104
206	Concepts and preliminary data toward the realization of image-guided liver surgery. <i>Journal of Gastrointestinal Surgery</i> , 2007 , 11, 844-59	3.3	99
205	Associations between blood pressure across adulthood and late-life brain structure and pathology in the neuroscience substudy of the 1946 British birth cohort (Insight 46): an epidemiological study. <i>Lancet Neurology, The</i> , 2019 , 18, 942-952	24.1	95
204	Application of soft tissue modelling to image-guided surgery. <i>Medical Engineering and Physics</i> , 2005 , 27, 893-909	2.4	91
203	An unbiased longitudinal analysis framework for tracking white matter changes using diffusion tensor imaging with application to Alzheimer's disease. <i>NeuroImage</i> , 2013 , 72, 153-63	7.9	86

202	Compensating for intraoperative soft-tissue deformations using incomplete surface data and finite elements. <i>IEEE Transactions on Medical Imaging</i> , 2005 , 24, 1479-91	11.7	83
201	MIRIAD--Public release of a multiple time point Alzheimer's MR imaging dataset. <i>NeuroImage</i> , 2013 , 70, 33-6	7.9	70
200	Serum neurofilament light chain in genetic frontotemporal dementia: a longitudinal, multicentre cohort study. <i>Lancet Neurology</i> , <i>The</i> , 2019 , 18, 1103-1111	24.1	68
199	Data-driven models of dominantly-inherited Alzheimer's disease progression. <i>Brain</i> , 2018 , 141, 1529-1544	11.2	66
198	The importance of group-wise registration in tract based spatial statistics study of neurodegeneration: a simulation study in Alzheimer's disease. <i>PLoS ONE</i> , 2012 , 7, e45996	3.7	65
197	A method to track cortical surface deformations using a laser range scanner. <i>IEEE Transactions on Medical Imaging</i> , 2005 , 24, 767-81	11.7	65
196	Incorporation of a laser range scanner into image-guided liver surgery: surface acquisition, registration, and tracking. <i>Medical Physics</i> , 2003 , 30, 1671-82	4.4	63
195	The pattern of atrophy in familial Alzheimer disease: volumetric MRI results from the DIAN study. <i>Neurology</i> , 2013 , 81, 1425-33	6.5	56
194	Cortical microstructure in young onset Alzheimer's disease using neurite orientation dispersion and density imaging. <i>Human Brain Mapping</i> , 2018 , 39, 3005-3017	5.9	55
193	ApoE influences regional white-matter axonal density loss in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017 , 57, 8-17	5.6	49
192	Assessing atrophy measurement techniques in dementia: Results from the MIRIAD atrophy challenge. <i>NeuroImage</i> , 2015 , 123, 149-64	7.9	48
191	Patterns of regional cerebellar atrophy in genetic frontotemporal dementia. <i>NeuroImage: Clinical</i> , 2016 , 11, 287-290	5.3	47
190	White matter hyperintensities are associated with disproportionate progressive hippocampal atrophy. <i>Hippocampus</i> , 2017 , 27, 249-262	3.5	45
189	APOE ϵ is associated with disproportionate progressive hippocampal atrophy in AD. <i>PLoS ONE</i> , 2014 , 9, e97608	3.7	44
188	White matter hyperintensities are seen only in mutation carriers in the GENFI cohort. <i>NeuroImage: Clinical</i> , 2017 , 15, 171-180	5.3	43
187	The impact of occipital lobe cortical thickness on cognitive task performance: An investigation in Huntington's Disease. <i>Neuropsychologia</i> , 2015 , 79, 138-46	3.2	42
186	Study protocol: Insight 46 - a neuroscience sub-study of the MRC National Survey of Health and Development. <i>BMC Neurology</i> , 2017 , 17, 75	3.1	42
185	Plasma glial fibrillary acidic protein is raised in progranulin-associated frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 263-270	5.5	40

184	Imaging endpoints for clinical trials in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2014 , 6, 87	9	40
183	Detailed volumetric analysis of the hypothalamus in behavioral variant frontotemporal dementia. <i>Journal of Neurology</i> , 2015 , 262, 2635-42	5.5	34
182	Comparison of arterial spin labeling registration strategies in the multi-center GENetic frontotemporal dementia initiative (GENFI). <i>Journal of Magnetic Resonance Imaging</i> , 2018 , 47, 131-140	5.6	32
181	Cognitive reserve and TMEM106B genotype modulate brain damage in presymptomatic frontotemporal dementia: a GENFI study. <i>Brain</i> , 2017 , 140, 1784-1791	11.2	31
180	Progranulin plasma levels predict the presence of GRN mutations in asymptomatic subjects and do not correlate with brain atrophy: results from the GENFI study. <i>Neurobiology of Aging</i> , 2018 , 62, 245.e9-245.e12 ³⁰	5.6	30
179	Poly(GP), neurofilament and grey matter deficits in expansion carriers. <i>Annals of Clinical and Translational Neurology</i> , 2018 , 5, 583-597	5.3	29
178	Presymptomatic white matter integrity loss in familial frontotemporal dementia in the GENFI cohort: A cross-sectional diffusion tensor imaging study. <i>Annals of Clinical and Translational Neurology</i> , 2018 , 5, 1025-1036	5.3	29
177	Correction of inter-scanner and within-subject variance in structural MRI based automated diagnosing. <i>NeuroImage</i> , 2014 , 98, 405-15	7.9	29
176	Presymptomatic atrophy in autosomal dominant Alzheimer's disease: A serial magnetic resonance imaging study. <i>Alzheimer's and Dementia</i> , 2018 , 14, 43-53	1.2	28
175	Phenomenological model of diffuse global and regional atrophy using finite-element methods. <i>IEEE Transactions on Medical Imaging</i> , 2006 , 25, 1417-30	11.7	28
174	Neuropsychiatry and White Matter Microstructure in Huntington's Disease. <i>Journal of Huntington's Disease</i> , 2015 , 4, 239-49	1.9	27
173	Prominent effects and neural correlates of visual crowding in a neurodegenerative disease population. <i>Brain</i> , 2014 , 137, 3284-99	11.2	25
172	Distinct patterns of brain atrophy in Genetic Frontotemporal Dementia Initiative (GENFI) cohort revealed by visual rating scales. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 46	9	24
171	Functional network resilience to pathology in presymptomatic genetic frontotemporal dementia. <i>Neurobiology of Aging</i> , 2019 , 77, 169-177	5.6	24
170	Cerebral perfusion changes in presymptomatic genetic frontotemporal dementia: a GENFI study. <i>Brain</i> , 2019 , 142, 1108-1120	11.2	23
169	Patterns of progressive atrophy vary with age in Alzheimer's disease patients. <i>Neurobiology of Aging</i> , 2018 , 63, 22-32	5.6	23
168	Neuronal pentraxin 2: a synapse-derived CSF biomarker in genetic frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 612-621	5.5	22
167	Differences in hippocampal subfield volume are seen in phenotypic variants of early onset Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019 , 21, 101632	5.3	22

166	Corpus callosal atrophy in premanifest and early Huntington's disease. <i>Journal of Huntington's Disease</i> , 2013 , 2, 517-26	1.9	21
165	Design and implementation of a PC-based image-guided surgical system. <i>Computer Methods and Programs in Biomedicine</i> , 2002 , 69, 211-24	6.9	21
164	Population-based blood screening for preclinical Alzheimer's disease in a British birth cohort at age 70. <i>Brain</i> , 2021 , 144, 434-449	11.2	21
163	Associations Between Vascular Risk Across Adulthood and Brain Pathology in Late Life: Evidence From a British Birth Cohort. <i>JAMA Neurology</i> , 2020 , 77, 175-183	17.2	21
162	Thalamic nuclei in frontotemporal dementia: Mediodorsal nucleus involvement is universal but pulvinar atrophy is unique to C9orf72. <i>Human Brain Mapping</i> , 2020 , 41, 1006-1016	5.9	20
161	(Con)text-specific effects of visual dysfunction on reading in posterior cortical atrophy. <i>Cortex</i> , 2014 , 57, 92-106	3.8	19
160	The inner fluctuations of the brain in presymptomatic Frontotemporal Dementia: The chronnectome fingerprint. <i>NeuroImage</i> , 2019 , 189, 645-654	7.9	18
159	Measuring brain atrophy with a generalized formulation of the boundary shift integral. <i>Neurobiology of Aging</i> , 2015 , 36 Suppl 1, S81-90	5.6	18
158	Probabilistic non-linear registration with spatially adaptive regularisation. <i>Medical Image Analysis</i> , 2015 , 26, 203-16	15.4	18
157	Multiple Orderings of Events in Disease Progression. <i>Lecture Notes in Computer Science</i> , 2015 , 24, 711-220.9	22.9	18
156	Hippocampal Subfield Volumetry: Differential Pattern of Atrophy in Different Forms of Genetic Frontotemporal Dementia. <i>Journal of Alzheimer's Disease</i> , 2018 , 64, 497-504	4.3	17
155	Distinct Neuroanatomical Correlates of Neuropsychiatric Symptoms in the Three Main Forms of Genetic Frontotemporal Dementia in the GENFI Cohort. <i>Journal of Alzheimer's Disease</i> , 2018 , 65, 147-163	4.3	17
154	Cognition at age 70: Life course predictors and associations with brain pathologies. <i>Neurology</i> , 2019 , 93, e2144-e2156	6.5	17
153	Serum neurofilament light chain levels are associated with white matter integrity in autosomal dominant Alzheimer's disease. <i>Neurobiology of Disease</i> , 2020 , 142, 104960	7.5	15
152	Inverse-Consistent Symmetric Free Form Deformation. <i>Lecture Notes in Computer Science</i> , 2012 , 79-88	0.9	15
151	Intraoperative cortical surface characterization using laser range scanning: preliminary results. <i>Operative Neurosurgery</i> , 2006 , 59, ONS368-76; discussion ONS376-7	1.6	14
150	Progression of Behavioral Disturbances and Neuropsychiatric Symptoms in Patients With Genetic Frontotemporal Dementia. <i>JAMA Network Open</i> , 2021 , 4, e2030194	10.4	14
149	Hippocampal subfield volumes and pre-clinical Alzheimer's disease in 408 cognitively normal adults born in 1946. <i>PLoS ONE</i> , 2019 , 14, e0224030	3.7	13

148	Using florbetapir positron emission tomography to explore cerebrospinal fluid cut points and gray zones in small sample sizes. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015 , 1, 440-446	5.2	13
147	Large-scale brain network abnormalities in Huntington's disease revealed by structural covariance. <i>Human Brain Mapping</i> , 2016 , 37, 67-80	5.9	13
146	White matter hyperintensities in progranulin-associated frontotemporal dementia: A longitudinal GENFI study. <i>NeuroImage: Clinical</i> , 2019 , 24, 102077	5.3	13
145	Multi-STEPS: Multi-label similarity and truth estimation for propagated segmentations 2012 ,		12
144	Plasma Neurofilament Light for Prediction of Disease Progression in Familial Frontotemporal Lobar Degeneration. <i>Neurology</i> , 2021 , 96, e2296-e2312	6.5	12
143	Amygdala subnuclei are differentially affected in the different genetic and pathological forms of frontotemporal dementia. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019 , 11, 136-141	5.2	11
142	A Bayesian approach for spatially adaptive regularisation in non-rigid registration. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 10-8	0.9	11
141	Ventricular volume expansion in presymptomatic genetic frontotemporal dementia. <i>Neurology</i> , 2019 , 93, e1699-e1706	6.5	11
140	Faster Cortical Thinning and Surface Area Loss in Presymptomatic and Symptomatic C9orf72 Repeat Expansion Adult Carriers. <i>Annals of Neurology</i> , 2020 , 88, 113-122	9.4	11
139	Utility of perfusion PET measures to assess neuronal injury in Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018 , 10, 669-677	5.2	11
138	The habenula: an under-recognised area of importance in frontotemporal dementia?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 910-2	5.5	10
137	Spatiotemporal analysis for detection of pre-symptomatic shape changes in neurodegenerative diseases: Initial application to the GENFI cohort. <i>NeuroImage</i> , 2019 , 188, 282-290	7.9	10
136	Segmentation of medial temporal subregions reveals early right-sided involvement in semantic variant PPA. <i>Alzheimer's Research and Therapy</i> , 2019 , 11, 41	9	9
135	Automated Brainstem Segmentation Detects Differential Involvement in Atypical Parkinsonian Syndromes. <i>Journal of Movement Disorders</i> , 2020 , 13, 39-46	2.9	9
134	Apathy in presymptomatic genetic frontotemporal dementia predicts cognitive decline and is driven by structural brain changes. <i>Alzheimer's and Dementia</i> , 2021 , 17, 969-983	1.2	9
133	A modified Camel and Cactus Test detects presymptomatic semantic impairment in genetic frontotemporal dementia within the GENFI cohort. <i>Applied Neuropsychology Adult</i> , 2020 , 1-8	1.9	8
132	Learning Imaging Biomarker Trajectories from Noisy Alzheimer's Disease Data Using a Bayesian Multilevel Model. <i>Lecture Notes in Computer Science</i> , 2014 , 85-94	0.9	8
131	Cortical folding analysis on patients with Alzheimer's disease and mild cognitive impairment. <i>Lecture Notes in Computer Science</i> , 2012 , 15, 289-96	0.9	8

130	Olfactory impairment in posterior cortical atrophy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013 , 84, 588-90	5.5	8
129	Intraoperative registration of the liver for image-guided surgery using laser range scanning and deformable models 2003 ,		8
128	Brain functional network integrity sustains cognitive function despite atrophy in presymptomatic genetic frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2021 , 17, 500-514	1.2	8
127	Basal forebrain atrophy in frontotemporal dementia. <i>NeuroImage: Clinical</i> , 2020 , 26, 102210	5.3	7
126	Pure tone audiometry and cerebral pathology in healthy older adults. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 172-176	5.5	7
125	Simulating neurodegeneration through longitudinal population analysis of structural and diffusion weighted MRI data. <i>Lecture Notes in Computer Science</i> , 2014 , 17, 57-64	0.9	7
124	Social cognition impairment in genetic frontotemporal dementia within the GENFI cohort. <i>Cortex</i> , 2020 , 133, 384-398	3.8	7
123	Incidental findings on brain imaging and blood tests: results from the first phase of Insight 46, a prospective observational substudy of the 1946 British birth cohort. <i>BMJ Open</i> , 2019 , 9, e029502	3	7
122	Reduced acquisition time PET pharmacokinetic modelling using simultaneous ASL-MRI: proof of concept. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 2419-2432	7.3	7
121	Single-subject grey matter network trajectories over the disease course of autosomal dominant Alzheimer's disease. <i>Brain Communications</i> , 2020 , 2, fcaa102	4.5	6
120	Analysis of brain atrophy and local gene expression in genetic frontotemporal dementia. <i>Brain Communications</i> , 2020 , 2,	4.5	6
119	Differential early subcortical involvement in genetic FTD within the GENFI cohort. <i>NeuroImage: Clinical</i> , 2021 , 30, 102646	5.3	6
118	The TMEM106B risk allele is associated with lower cortical volumes in a clinically diagnosed frontotemporal dementia cohort. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, 997-998	5.5	5
117	Robust surface registration using salient anatomical features in image-guided liver surgery 2006 , 6141, 105		5
116	Cortical Surface Registration Using Texture Mapped Point Clouds and Mutual Information. <i>Lecture Notes in Computer Science</i> , 2002 , 533-540	0.9	5
115	Immediate ROI Search for 3-D Medical Images. <i>Lecture Notes in Computer Science</i> , 2013 , 56-67	0.9	5
114	Abnormal pain perception is associated with thalamo-cortico-striatal atrophy in expansion carriers in the GENFI cohort. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 1325-1328	5.5	5
113	Resting-State Functional Connectivity Disruption as a Pathological Biomarker in Autosomal Dominant Alzheimer Disease. <i>Brain Connectivity</i> , 2021 , 11, 239-249	2.7	5

112	Modeling autosomal dominant Alzheimer's disease with machine learning. <i>Alzheimer's and Dementia</i> , 2021 , 17, 1005-1016	1.2	5
111	Longitudinal (F)AV-1451 PET imaging in a patient with frontotemporal dementia due to a Q351R MAPT mutation. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 106-108	5.5	4
110	Comparing cortical signatures of atrophy between late-onset and autosomal dominant Alzheimer disease. <i>NeuroImage: Clinical</i> , 2020 , 28, 102491	5.3	4
109	Increased variability in reaction time is associated with amyloid beta pathology at age 70. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020 , 12, e12076	5.2	4
108	Amyloid β influences the relationship between cortical thickness and vascular load. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020 , 12, e12022	5.2	4
107	Early anterior cingulate involvement is seen in presymptomatic MAPT P301L mutation carriers. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 42	9	4
106	Longitudinal Accumulation of Cerebral Microhemorrhages in Dominantly Inherited Alzheimer Disease. <i>Neurology</i> , 2021 , 96, e1632-e1645	6.5	4
105	Concordance of CSF measures of Alzheimer's pathology with amyloid PET status in a preclinical cohort: A comparison of Lumipulse and established immunoassays. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020 , 12, e12097	5.2	3
104	A symmetric block-matching framework for global registration 2014 ,		3
103	Fast accurate surface acquisition using a laser range scanner for image-guided liver surgery 2002 ,		3
102	A data-driven disease progression model of fluid biomarkers in genetic frontotemporal dementia. <i>Brain</i> , 2021 ,	11.2	3
101	Spatio-Temporal Shape Analysis of Cross-Sectional Data for Detection of Early Changes in Neurodegenerative Disease. <i>Lecture Notes in Computer Science</i> , 2016 , 63-75	0.9	3
100	Uncovering the heterogeneity and temporal complexity of neurodegenerative diseases with Subtype and Stage Inference		3
99	Strategies to reduce sample sizes in Alzheimer's disease primary and secondary prevention trials using longitudinal amyloid PET imaging. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 82	9	3
98	Characterizing the Clinical Features and Atrophy Patterns of τ -Related Frontotemporal Dementia With Disease Progression Modeling. <i>Neurology</i> , 2021 , 97, e941-e952	6.5	3
97	APOE- ϵ carriers have superior recall on the 'What was where?' visual short-term memory binding test at age 70, despite a detrimental effect of β amyloid. <i>Alzheimer's and Dementia</i> , 2020 , 16, e041090	1.2	2
96	Identification of deformation using invariant surface information 2004 ,		2
95	Semiautomatic segmentation of textured laser range scans for use in image-guided procedures 2005 ,		2

94	Conceptual framework for the definition of preclinical and prodromal frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2021 ,	1.2	2
93	Stratifying the Presymptomatic Phase of Genetic Frontotemporal Dementia by Serum NFL and pNFH: A Longitudinal Multicentre Study. <i>Annals of Neurology</i> , 2021 ,	9.4	2
92	Dissociable effects of β and $\text{A}\beta$ amyloid pathology on visual working memory. <i>Nature Aging</i> , 2021 , 1, 1002-1009		2
91	Analysis of brain atrophy and local gene expression in genetic frontotemporal dementia		2
90	Subjective cognitive complaints at age 70: associations with amyloid and mental health. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021 , 92, 1215-1221	5.5	2
89	The Revised Self-Monitoring Scale detects early impairment of social cognition in genetic frontotemporal dementia within the GENFI cohort. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 127	9	2
88	Visuomotor integration deficits are common to familial and sporadic preclinical Alzheimer's disease. <i>Brain Communications</i> , 2021 , 3, fcab003	4.5	2
87	Disease-related cortical thinning in presymptomatic granulin mutation carriers. <i>NeuroImage: Clinical</i> , 2021 , 29, 102540	5.3	2
86	Dynamic PET imaging reduces sample sizes to detect longitudinal amyloid accumulation. <i>Alzheimer's and Dementia</i> , 2020 , 16, e042623	1.2	1
85	Serum neurofilament light and whole brain volume associate with machine-learning derived brain-predicted age in the British 1946 birth cohort. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045965	1.2	1
84	Olfactory testing does not predict $\text{A}\beta$ amyloid, MRI measures of neurodegeneration or vascular pathology in the British 1946 birth cohort. <i>Journal of Neurology</i> , 2020 , 267, 3329-3336	5.5	1
83	[P1043]: MULTIPLE DISTINCT ATROPHY PATTERNS FOUND IN GENETIC FRONTOTEMPORAL DEMENTIA USING SUBTYPE AND STAGE INFERENCE (SUSTAIN) 2017 , 13, P453-P454		1
82	[P4042]: ADNI-3 MRI ACQUISITIONS 2017 , 13, P1368-P1369		1
81	[IC-P-137]: ADNI-3 MRI PROTOCOL 2017 , 13, P104-P105		1
80	[IC-P-154]: CHARACTERISING THE PROGRESSION OF ALZHEIMER'S DISEASE SUBTYPES USING SUBTYPE AND STAGE INFERENCE (SUSTAIN) 2017 , 13, P116-P117		1
79	Incorporation of a laser range scanner into an image-guided surgical system 2003 ,		1
78	Gaussian Processes with optimal kernel construction for neuro-degenerative clinical onset prediction 2018 ,		1
77	Loss and dispersion of superficial white matter in Alzheimer's disease: a diffusion MRI study. <i>Brain Communications</i> , 2021 , 3, fcab272	4.5	1

76	Altered visual and haptic verticality perception in posterior cortical atrophy and Alzheimer's disease. <i>Journal of Physiology</i> , 2021 , 600, 373	3.9	1
75	Spatiotemporal analysis for detection of pre-symptomatic shape changes in neurodegenerative diseases: applied to GENFI study		1
74	A Multi-component similarity measure for improved robustness of non-rigid registration of combined FDG PET-CT head and neck images. <i>IFMBE Proceedings</i> , 2009 , 433-435	0.2	1
73	A population-based study of head injury, cognitive function and pathological markers. <i>Annals of Clinical and Translational Neurology</i> , 2021 , 8, 842-856	5.3	1
72	Uncertainty analysis of MR-PET image registration for precision neuro-PET imaging. <i>NeuroImage</i> , 2021 , 232, 117821	7.9	1
71	Impairment of episodic memory in genetic frontotemporal dementia: A GENFI study. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021 , 13, e12185	5.2	1
70	O2-05-01: INFLUENCES OF BLOOD PRESSURE AND BLOOD PRESSURE TRAJECTORIES ON CEREBRAL PATHOLOGY AT AGE 70: RESULTS FROM A BRITISH BIRTH COHORT 2018 , 14, P626-P627		1
69	Neuroimaging within the Dominantly Inherited Alzheimer Network (DIAN): PET and MRI		1
68	Cognitive composites for genetic frontotemporal dementia: GENFI-Cog.. <i>Alzheimer's Research and Therapy</i> , 2022 , 14, 10	9	0
67	A panel of CSF proteins separates genetic frontotemporal dementia from presymptomatic mutation carriers: a GENFI study. <i>Molecular Neurodegeneration</i> , 2021 , 16, 79	19	0
66	Subtype and stage inference identifies distinct atrophy patterns in genetic frontotemporal dementia that MAP onto specific MAPT mutations. <i>Alzheimer's and Dementia</i> , 2020 , 16, e042996	1.2	0
65	Investigating the relationship between BMI across adulthood and late life brain pathologies. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 91	9	0
64	Concordance of CSF measures of Alzheimer's pathology with amyloid PET status in a preclinical cohort: A comparison of Lumipulse and established immunoassays. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021 , 13, e12131	5.2	0
63	Sex-related differences in whole brain volumes at age 70 in association with hyperglycemia during adult life.. <i>Neurobiology of Aging</i> , 2021 , 112, 161-169	5.6	0
62	Dissemination in time and space in presymptomatic granulin mutation carriers: a GENFI spatial chronnectome study. <i>Neurobiology of Aging</i> , 2021 , 108, 155-167	5.6	0
61	Plasma phospho-tau181 in over 400 cognitively healthy 69- to 71-year-olds: Associations with cerebral amyloid, structural imaging and cognition in the Insight 46 study. <i>Alzheimer's and Dementia</i> , 2020 , 16, e037848	1.2	
60	Vascular risk factors and amyloid pathology: Additive or interactive associations?. <i>Alzheimer's and Dementia</i> , 2020 , 16, e037922	1.2	
59	White matter hyperintensity increases are a feature of familial AD and are associated with increased brain atrophy. <i>Alzheimer's and Dementia</i> , 2020 , 16, e038925	1.2	

- 58 Uncovering superficial white matter changes in young-onset Alzheimer's disease. *Alzheimer's and Dementia*, **2020**, 16, e039746 1.2
- 57 Performance on the graded naming test in a population-based sample of 72-year-olds: Associations with life-course predictors and Amyloid pathology. *Alzheimer's and Dementia*, **2020**, 16, e040897 1.2
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