David Cash

List of Publications by Year
in descending order

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236 papers	7,794 citations	66315 42 h-index	62565 80 g-index
267 all docs	267 docs citations	267 times ranked	9745 citing authors

#	Article	IF	Citations
1	Presymptomatic cognitive and neuroanatomical changes in genetic frontotemporal dementia in the Genetic Frontotemporal dementia Initiative (GENFI) study: a cross-sectional analysis. Lancet Neurology, The, 2015, 14, 253-262.	4.9	432
2	Spatial patterns of neuroimaging biomarker change in individuals from families with autosomal dominant Alzheimer's disease: a longitudinal study. Lancet Neurology, The, 2018, 17, 241-250.	4.9	383
3	Faciobrachial dystonic seizures: the influence of immunotherapy on seizure control and prevention of cognitive impairment in a broadening phenotype. Brain, 2013, 136, 3151-3162.	3.7	373
4	Regional variability of imaging biomarkers in autosomal dominant Alzheimerâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4502-9.	3.3	309
5	Geodesic Information Flows: Spatially-Variant Graphs and Their Application to Segmentation and Fusion. IEEE Transactions on Medical Imaging, 2015, 34, 1976-1988.	5.4	265
6	Uncovering the heterogeneity and temporal complexity of neurodegenerative diseases with Subtype and Stage Inference. Nature Communications, 2018, 9, 4273.	5.8	263
7	Global image registration using a symmetric block-matching approach. Journal of Medical Imaging, 2014, 1, 024003.	0.8	245
8	A data-driven model of biomarker changes in sporadic Alzheimer's disease. Brain, 2014, 137, 2564-2577.	3.7	243
9	STEPS: Similarity and Truth Estimation for Propagated Segmentations and its application to hippocampal segmentation and brain parcelation. Medical Image Analysis, 2013, 17, 671-684.	7.0	215
10	Accurate multimodal probabilistic prediction of conversion to Alzheimer's disease in patients with mild cognitive impairment. NeuroImage: Clinical, 2013, 2, 735-745.	1.4	209
11	Neurofilament light chain: a biomarker for genetic frontotemporal dementia. Annals of Clinical and Translational Neurology, 2016, 3, 623-636.	1.7	207
12	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. Lancet Neurology, The, 2019, 18, 942-952.	4.9	178
13	Patterns of gray matter atrophy in genetic frontotemporal dementia: results from the GENFI study. Neurobiology of Aging, 2018, 62, 191-196.	1.5	151
14	Cortical surface registration for image-guided neurosurgery using laser-range scanning. IEEE Transactions on Medical Imaging, 2003, 22, 973-985.	5.4	138
15	Serum neurofilament light chain in genetic frontotemporal dementia: a longitudinal, multicentre cohort study. Lancet Neurology, The, 2019, 18, 1103-1111.	4.9	128
16	Concepts and Preliminary Data Toward the Realization of Image-guided Liver Surgery. Journal of Gastrointestinal Surgery, 2007, 11, 844-859.	0.9	112
17	An unbiased longitudinal analysis framework for tracking white matter changes using diffusion tensor imaging with application to Alzheimer's disease. NeuroImage, 2013, 72, 153-163.	2.1	111
18	MIRIADâ€”Public release of a multiple time point Alzheimer's MR imaging dataset. NeuroImage, 2013, 70, 33-36.	2.1	111

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19	Data-driven models of dominantly-inherited Alzheimerâ€™s disease progression. Brain, 2018, 141, 1529-1544.	3.7	111
20	Plasma glial fibrillary acidic protein is raised in progranulin-associated frontotemporal dementia. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 263-270.	0.9	106
21	Application of soft tissue modelling to image-guided surgery. Medical Engineering and Physics, 2005, 27, 893-909.	0.8	104
22	Compensating for intraoperative soft-tissue deformations using incomplete surface data and finite elements. IEEE Transactions on Medical Imaging, 2005, 24, 1479-1491.	5.4	98
23	Cortical microstructure in young onset Alzheimer's disease using neurite orientation dispersion and density imaging. Human Brain Mapping, 2018, 39, 3005-3017.	1.9	87
24	ApoE influences regional white-matter axonal density loss in Alzheimer's disease. Neurobiology of Aging, 2017, 57, 8-17.	1.5	82
25	The Importance of Group-Wise Registration in Tract Based Spatial Statistics Study of Neurodegeneration: A Simulation Study in Alzheimer's Disease. PLoS ONE, 2012, 7, e45996.	1.1	81
26	Incorporation of a laser range scanner into image-guided liver surgery: Surface acquisition, registration, and tracking. Medical Physics, 2003, 30, 1671-1682.	1.6	74
27	A method to track cortical surface deformations using a laser range scanner. IEEE Transactions on Medical Imaging, 2005, 24, 767-781.	5.4	74
28	The pattern of atrophy in familial Alzheimer disease. Neurology, 2013, 81, 1425-1433.	1.5	67
29	Study protocol: Insight 46 â€“ a neuroscience sub-study of the MRC National Survey of Health and Development. BMC Neurology, 2017, 17, 75.	0.8	64
30	Assessing atrophy measurement techniques in dementia: Results from the MIRIAD atrophy challenge. NeuroImage, 2015, 123, 149-164.	2.1	63
31	White matter hyperintensities are seen only in GRN mutation carriers in the GENFI cohort. NeuroImage: Clinical, 2017, 15, 171-180.	1.4	63
32	White matter hyperintensities are associated with disproportionate progressive hippocampal atrophy. Hippocampus, 2017, 27, 249-262.	0.9	62
33	Detailed volumetric analysis of the hypothalamus in behavioral variant frontotemporal dementia. Journal of Neurology, 2015, 262, 2635-2642.	1.8	60
34	The impact of occipital lobe cortical thickness on cognitive task performance: An investigation in Huntington's Disease. Neuropsychologia, 2015, 79, 138-146.	0.7	56
35	Cognitive reserve and TMEM106B genotype modulate brain damage in presymptomatic frontotemporal dementia: a GENFI study. Brain, 2017, 140, 1784-1791.	3.7	55
36	Associations Between Vascular Risk Across Adulthood and Brain Pathology in Late Life. JAMA Neurology, 2020, 77, 175.	4.5	55

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37	Neuronal pentraxin 2: a synapse-derived CSF biomarker in genetic frontotemporal dementia. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 612-621.	0.9	55
38	Patterns of regional cerebellar atrophy in genetic frontotemporal dementia. NeuroImage: Clinical, 2016, 11, 287-290.	1.4	54
39	OUP accepted manuscript. Brain, 2021, 144, 434-449.	3.7	54
40	APOE Îµ4 Is Associated with Disproportionate Progressive Hippocampal Atrophy in AD. PLoS ONE, 2014, 9, e97608.	1.1	53
41	Plasma Neurofilament Light for Prediction of Disease Progression in Familial Frontotemporal Lobar Degeneration. Neurology, 2021, 96, e2296-e2312.	1.5	52
42	Poly(GP), neurofilament and grey matter deficits in C9orf72 expansion carriers. Annals of Clinical and Translational Neurology, 2018, 5, 583-597.	1.7	48
43	Imaging endpoints for clinical trials in Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2014, 6, 87.	3.0	47
44	Functional network resilience to pathology in presymptomatic genetic frontotemporal dementia. Neurobiology of Aging, 2019, 77, 169-177.	1.5	47
45	Thalamic nuclei in frontotemporal dementia: Mediodorsal nucleus involvement is universal but pulvinar atrophy is unique to C9orf72. Human Brain Mapping, 2020, 41, 1006-1016.	1.9	44
46	Presymptomatic atrophy in autosomal dominant Alzheimer's disease: AÂserial magnetic resonance imaging study. Alzheimer's and Dementia, 2018, 14, 43-53.	0.4	42
47	Progression of Behavioral Disturbances and Neuropsychiatric Symptoms in Patients With Genetic Frontotemporal Dementia. JAMA Network Open, 2021, 4, e2030194.	2.8	42
48	Comparison of arterial spin labeling registration strategies in the multiâ€center GENetic frontotemporal dementia initiative (GENFI). Journal of Magnetic Resonance Imaging, 2018, 47, 131-140.	1.9	41
49	Cerebral perfusion changes in presymptomatic genetic frontotemporal dementia: a GENFI study. Brain, 2019, 142, 1108-1120.	3.7	41
50	Correction of inter-scanner and within-subject variance in structural MRI based automated diagnosing. NeuroImage, 2014, 98, 405-415.	2.1	40
51	Progranulin plasma levels predict the presence of GRN mutations in asymptomatic subjects and do not correlate with brain atrophy: results from the GENFI study. Neurobiology of Aging, 2018, 62, 245.e9-245.e12.	1.5	40
52	Presymptomatic white matter integrity loss in familial frontotemporal dementia in the <scp>GENFI</scp> cohort: A crossâ€sectional diffusion tensor imaging study. Annals of Clinical and Translational Neurology, 2018, 5, 1025-1036.	1.7	39
53	Cognition at age 70. Neurology, 2019, 93, e2144-e2156.	1.5	37
54	Differences in hippocampal subfield volume are seen in phenotypic variants of early onset Alzheimer's disease. NeuroImage: Clinical, 2019, 21, 101632.	1.4	37

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55	Prominent effects and neural correlates of visual crowding in a neurodegenerative disease population. Brain, 2014, 137, 3284-3299.	3.7	36
56	Brain functional network integrity sustains cognitive function despite atrophy in presymptomatic genetic frontotemporal dementia. Alzheimer's and Dementia, 2021, 17, 500-514.	0.4	36
57	Distinct patterns of brain atrophy in Genetic Frontotemporal Dementia Initiative (GENFI) cohort revealed by visual rating scales. Alzheimer's Research and Therapy, 2018, 10, 46.	3.0	34
58	Neuropsychiatry and White Matter Microstructure in Huntingtonâ€™s Disease. Journal of Huntington's Disease, 2015, 4, 239-249.	0.9	33
59	The inner fluctuations of the brain in presymptomatic Frontotemporal Dementia: The chronnectome fingerprint. NeuroImage, 2019, 189, 645-654.	2.1	33
60	Phenomenological Model of Diffuse Global and Regional Atrophy Using Finite-Element Methods. IEEE Transactions on Medical Imaging, 2006, 25, 1417-1430.	5.4	32
61	Patterns of progressive atrophy vary with age in Alzheimer's disease patients. Neurobiology of Aging, 2018, 63, 22-32.	1.5	31
62	Serum neurofilament light chain levels are associated with white matter integrity in autosomal dominant Alzheimer's disease. Neurobiology of Disease, 2020, 142, 104960.	2.1	31
63	Apathy in presymptomatic genetic frontotemporal dementia predicts cognitive decline and is driven by structural brain changes. Alzheimer's and Dementia, 2021, 17, 969-983.	0.4	31
64	Corpus Callosal Atrophy in Premanifest and Early Huntington's Disease. Journal of Huntington's Disease, 2013, 2, 517-526.	0.9	29
65	Characterizing the Clinical Features and Atrophy Patterns of MAPT -Related Frontotemporal Dementia With Disease Progression Modeling. Neurology, 2021, 97, e941-e952.	1.5	29
66	Distinct Neuroanatomical Correlates of Neuropsychiatric Symptoms in the Three Main Forms of Genetic Frontotemporal Dementia in the GENFI Cohort. Journal of Alzheimer's Disease, 2018, 65, 1-16.	1.2	28
67	Differential early subcortical involvement in genetic FTD within the GENFI cohort. NeuroImage: Clinical, 2021, 30, 102646.	1.4	28
68	White matter hyperintensities in progranulin-associated frontotemporal dementia: A longitudinal GENFI study. NeuroImage: Clinical, 2019, 24, 102077.	1.4	27
69	A data-driven disease progression model of fluid biomarkers in genetic frontotemporal dementia. Brain, 2022, 145, 1805-1817.	3.7	27
70	Design and implementation of a PC-based image-guided surgical system. Computer Methods and Programs in Biomedicine, 2002, 69, 211-224.	2.6	26
71	Hippocampal Subfield Volumetry: Differential Pattern of Atrophy in Different Forms of Genetic Frontotemporal Dementia. Journal of Alzheimer's Disease, 2018, 64, 497-504.	1.2	26
72	Hippocampal subfield volumes and pre-clinical Alzheimerâ€™s disease in 408 cognitively normal adults born in 1946. PLoS ONE, 2019, 14, e0224030.	1.1	26

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73	Social cognition impairment in genetic frontotemporal dementia within the GENFI cohort. Cortex, 2020, 133, 384-398.	1.1	26
74	(Con)text-specific effects of visual dysfunction on reading in posterior cortical atrophy. Cortex, 2014, 57, 92-106.	1.1	25
75	Measuring brain atrophy with a generalized formulation of the boundary shift integral. Neurobiology of Aging, 2015, 36, S81-S90.	1.5	24
76	Conceptual framework for the definition of preclinical and prodromal frontotemporal dementia. Alzheimer's and Dementia, 2022, 18, 1408-1423.	0.4	24
77	Probabilistic non-linear registration with spatially adaptive regularisation. Medical Image Analysis, 2015, 26, 203-216.	7.0	22
78	Multiple Orderings of Events in Disease Progression. Lecture Notes in Computer Science, 2015, 24, 711-722.	1.0	22
79	Stratifying the Presymptomatic Phase of Genetic Frontotemporal Dementia by Serum <scp>NfL</scp> and <scp>pNfH</scp>: A Longitudinal Multicentre Study. Annals of Neurology, 2022, 91, 33-47.	2.8	21
80	Analysis of brain atrophy and local gene expression in genetic frontotemporal dementia. Brain Communications, 2020, 2, .	1.5	20
81	Inverse-Consistent Symmetric Free Form Deformation. Lecture Notes in Computer Science, 2012, , 79-88.	1.0	20
82	Ventricular volume expansion in presymptomatic genetic frontotemporal dementia. Neurology, 2019, 93, e1699-e1706.	1.5	19
83	Faster Cortical Thinning and Surface Area Loss in Presymptomatic and Symptomatic C9orf72 Repeat Expansion Adult Carriers. Annals of Neurology, 2020, 88, 113-122.	2.8	19
84	Concordance of CSF measures of Alzheimer's pathology with amyloid PET status in a preclinical cohort: A comparison of Lumipulse and established immunoassays. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12131.	1.2	19
85	Intraoperative Cortical Surface Characterization using Laser Range Scanning: Preliminary Results. Operative Neurosurgery, 2006, 59, ONS-368-ONS-377.	0.4	18
86	A modified Camel and Cactus Test detects presymptomatic semantic impairment in genetic frontotemporal dementia within the GENFI cohort. Applied Neuropsychology Adult, 2022, 29, 112-119.	0.7	18
87	Resting-State Functional Connectivity Disruption as a Pathological Biomarker in Autosomal Dominant Alzheimer Disease. Brain Connectivity, 2021, 11, 239-249.	0.8	18
88	Loss and dispersion of superficial white matter in Alzheimerâ€™s disease: a diffusion MRI study. Brain Communications, 2021, 3, fcab272.	1.5	18
89	Amygdala subnuclei are differentially affected in the different genetic and pathological forms of frontotemporal dementia. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 136-141.	1.2	17
90	Comparing cortical signatures of atrophy between late-onset and autosomal dominant Alzheimer disease. NeuroImage: Clinical, 2020, 28, 102491.	1.4	17

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91	Using florbetapir positron emission tomography to explore cerebrospinal fluid cut points and gray zones in small sample sizes. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2015, 1, 440-446.	1.2	16
92	Segmentation of medial temporal subregions reveals early right-sided involvement in semantic variant PPA. Alzheimer's Research and Therapy, 2019, 11, 41.	3.0	16
93	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. BMJ Open, 2019, 9, e029502.	0.8	16
94	Spatiotemporal analysis for detection of pre-symptomatic shape changes in neurodegenerative diseases: Initial application to the GENFI cohort. NeuroImage, 2019, 188, 282-290.	2.1	16
95	Pure tone audiometry and cerebral pathology in healthy older adults. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 172-176.	0.9	16
96	Subjective cognitive complaints at age 70: associations with amyloid and mental health. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 1215-1221.	0.9	16
97	Longitudinal Accumulation of Cerebral Microhemorrhages in Dominantly Inherited Alzheimer Disease. Neurology, 2021, 96, e1632-e1645.	1.5	16
98	Automated Brainstem Segmentation Detects Differential Involvement in Atypical Parkinsonian Syndromes. Journal of Movement Disorders, 2020, 13, 39-46.	0.7	16
99	Dissociable effects of APOE Îµ4 and Î²-amyloid pathology on visual working memory. Nature Aging, 2021, 1, 1002-1009.	5.3	16
100	Learning Imaging Biomarker Trajectories from Noisy Alzheimerâ€™s Disease Data Using a Bayesian Multilevel Model. Lecture Notes in Computer Science, 2014, , 85-94.	1.0	15
101	Large-scale brain network abnormalities in Huntington's disease revealed by structural covariance. Human Brain Mapping, 2016, 37, 67-80.	1.9	15
102	Multi-STEPS: Multi-label similarity and truth estimation for propagated segmentations. , 2012, , .		14
103	The habenula: an under-recognised area of importance in frontotemporal dementia?. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 910-912.	0.9	14
104	Utility of perfusion PET measures to assess neuronal injury in Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2018, 10, 669-677.	1.2	14
105	Strategies to reduce sample sizes in Alzheimerâ€™s disease primary and secondary prevention trials using longitudinal amyloid PET imaging. Alzheimer's Research and Therapy, 2021, 13, 82.	3.0	14
106	Intraoperative registration of the liver for image-guided surgery using laser range scanning and deformable models. , 2003, , .		13
107	Olfactory impairment in posterior cortical atrophy. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 588-590.	0.9	13
108	Basal forebrain atrophy in frontotemporal dementia. NeuroImage: Clinical, 2020, 26, 102210.	1.4	13

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109	Early anterior cingulate involvement is seen in presymptomatic MAPT P301L mutation carriers. Alzheimer's Research and Therapy, 2021, 13, 42.	3.0	13
110	Abnormal pain perception is associated with thalamo-cortico-striatal atrophy in C9orf72 expansion carriers in the GENFI cohort. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 1325-1328.	0.9	12
111	The Revised Self-Monitoring Scale detects early impairment of social cognition in genetic frontotemporal dementia within the GENFI cohort. Alzheimer's Research and Therapy, 2021, 13, 127.	3.0	12
112	Modeling autosomal dominant Alzheimer's disease with machine learning. Alzheimer's and Dementia, 2021, 17, 1005-1016.	0.4	12
113	Associations of Î²-Amyloid and Vascular Burden With Rates of Neurodegeneration in Cognitively Normal Members of the 1946 British Birth Cohort. Neurology, 2022, 99, .	1.5	12
114	A data-driven model of brain volume changes in progressive supranuclear palsy. Brain Communications, 2022, 4, .	1.5	12
115	Reduced acquisition time PET pharmacokinetic modelling using simultaneous ASLâ€“MRI: proof of concept. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 2419-2432.	2.4	11
116	Single-subject grey matter network trajectories over the disease course of autosomal dominant Alzheimerâ€™s disease. Brain Communications, 2020, 2, fcaa102.	1.5	11
117	Impairment of episodic memory in genetic frontotemporal dementia: A GENFI study. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12185.	1.2	11
118	A Bayesian Approach for Spatially Adaptive Regularisation in Non-rigid Registration. Lecture Notes in Computer Science, 2013, 16, 10-18.	1.0	11
119	Robust surface registration using salient anatomical features in image-guided liver surgery. , 2006, 6141, 105.		9
120	Cortical Folding Analysis on Patients with Alzheimerâ€™s Disease and Mild Cognitive Impairment. Lecture Notes in Computer Science, 2012, 15, 289-296.	1.0	9
121	The TMEM106B risk allele is associated with lower cortical volumes in a clinically diagnosed frontotemporal dementia cohort. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 997-998.	0.9	9
122	A panel of CSF proteins separates genetic frontotemporal dementia from presymptomatic mutation carriers: a GENFI study. Molecular Neurodegeneration, 2021, 16, 79.	4.4	9
123	Cortical Surface Registration Using Texture Mapped Point Clouds and Mutual Information. Lecture Notes in Computer Science, 2002, , 533-540.	1.0	8
124	[ICâ€Pâ€137]: ADNIâ€3 MRI PROTOCOL. Alzheimer's and Dementia, 2017, 13, P104.	0.4	8
125	Longitudinal (¹⁸F)AV-1451 PET imaging in a patient with frontotemporal dementia due to a Q351R MAPT mutation. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 106-108.	0.9	8
126	Increased variability in reaction time is associated with amyloid beta pathology at age 70. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2020, 12, e12076.	1.2	8

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127	Uncertainty analysis of MR-PET image registration for precision neuro-PET imaging. NeuroImage, 2021, 232, 117821.	2.1	8
128	Visuomotor integration deficits are common to familial and sporadic preclinical Alzheimerâ€™s disease. Brain Communications, 2021, 3, fcab003.	1.5	8
129	Disease-related cortical thinning in presymptomatic granulin mutation carriers. NeuroImage: Clinical, 2021, 29, 102540.	1.4	8
130	Altered visual and haptic verticality perception in posterior cortical atrophy and Alzheimer's disease. Journal of Physiology, 2021, 600, 373.	1.3	8
131	‹title›Fast accurate surface acquisition using a laser range scanner for image-guided liver surgery‹/title›. , 2002, , .		7
132	Simulating Neurodegeneration through Longitudinal Population Analysis of Structural and Diffusion Weighted MRI Data. Lecture Notes in Computer Science, 2014, 17, 57-64.	1.0	7
133	Amyloid Î² influences the relationship between cortical thickness and vascular load. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2020, 12, e12022.	1.2	7
134	Investigating the relationship between BMI across adulthood and late life brain pathologies. Alzheimer's Research and Therapy, 2021, 13, 91.	3.0	7
135	Targeted Screening for Alzheimer's Disease Clinical Trials Using Data-Driven Disease Progression Models. Frontiers in Artificial Intelligence, 2022, 5, .	2.0	6
136	A symmetric block-matching framework for global registration. Proceedings of SPIE, 2014, , .	0.8	5
137	Concordance of CSF measures of Alzheimer's pathology with amyloid PET status in a preclinical cohort: A comparison of Lumipulse and established immunoassays. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2020, 12, e12097.	1.2	5
138	A populationâ€based study of head injury, cognitive function and pathological markers. Annals of Clinical and Translational Neurology, 2021, 8, 842-856.	1.7	5
139	Immediate ROI Search for 3-D Medical Images. Lecture Notes in Computer Science, 2013, , 56-67.	1.0	5
140	Semiautomatic segmentation of textured laser range scans for use in image-guided procedures. , 2005, , .		4
141	APOEâ€Îµ4 carriers have superior recall on the â€˜What was where?â€™ visual shortâ€term memory binding test at age 70, despite a detrimental effect of Î²â€amyloid. Alzheimer's and Dementia, 2020, 16, e041090.	0.4	4
142	Olfactory testing does not predict Î²-amyloid, MRI measures of neurodegeneration or vascular pathology in the British 1946 birth cohort. Journal of Neurology, 2020, 267, 3329-3336.	1.8	4
143	Pattern and degree of individual brain atrophy predicts dementia onset in dominantly inherited Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12197.	1.2	4
144	Spatio-Temporal Shape Analysis of Cross-Sectional Data for Detection of Early Changes in Neurodegenerative Disease. Lecture Notes in Computer Science, 2016, , 63-75.	1.0	4

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145	Cognitive composites for genetic frontotemporal dementia: GENFI-Cog. Alzheimer's Research and Therapy, 2022, 14, 10.	3.0	4
146	In vivo hypothalamic regional volumetry across the frontotemporal dementia spectrum. NeuroImage: Clinical, 2022, 35, 103084.	1.4	4
147	Identification of deformation using invariant surface information. , 2004, , .		3
148	Dissemination in time and space in presymptomatic granulin mutation carriers: a GENFI spatial chronnectome study. Neurobiology of Aging, 2021, 108, 155-167.	1.5	3
149	Incorporation of a laser range scanner into an image-guided surgical system. , 2003, , .		2
150	[ICâ€Pâ€154]: CHARACTERISING THE PROGRESSION OF ALZHEIMER's DISEASE SUBTYPES USING SUBTYPE AND STAGE INFERENCE (SUSTAIN). Alzheimer's and Dementia, 2017, 13, P116.	0.4	2
151	Amyloid Pattern Similarity Score (AMPSS): A reference region free measure of amyloid PET deposition in Alzheimerâ€™s disease. Alzheimer's and Dementia, 2020, 16, e042673.	0.4	2
152	A comparison of automated atrophy measures across the frontotemporal dementia spectrum: Implications for trials. NeuroImage: Clinical, 2021, 32, 102842.	1.4	2
153	Examining empathy deficits across familial forms of frontotemporal dementia within the GENFI cohort. Cortex, 2022, 150, 12-28.	1.1	2
154	Biomarker clustering in autosomal dominant Alzheimer's disease. Alzheimer's and Dementia, 2023, 19, 274-284.	0.4	2
155	Familial British dementia: a clinical and multi-modal imaging case study. Journal of Neurology, 2022, 269, 3926-3930.	1.8	2
156	Laser range scanning for cortical surface characterization during neurosurgery. , 2003, , .		1
157	[P1â€“443]: MULTIPLE DISTINCT ATROPHY PATTERNS FOUND IN GENETIC FRONTOTEMPORAL DEMENTIA USING SUBTYPE AND STAGE INFERENCE (SUSTAIN). Alzheimer's and Dementia, 2017, 13, P453.	0.4	1
158	[P4â€“242]: ADNIâ€3 MRI ACQUISITIONS. Alzheimer's and Dementia, 2017, 13, P1368.	0.4	1
159	[P1â€“437]: PRESYMPTOMATIC WHITE MATTER INTEGRITY LOSS IN FAMILIAL FRONTOTEMPORAL DEMENTIA IN THE GENETIC FRONTOTEMPORAL DEMENTIA INITIATIVE (GENFI) COHORT: A MULTIâ€CENTRE, CROSSâ€SECTIONAL DIFFUSION TENSOR IMAGING STUDY. Alzheimer's and Dementia, 2017, 13, P449.	0.4	1
160	P2â€390: DIFFERENTIAL HIPPOCAMPAL SUBFIELD LOSS IN DIFFERENT PHENOTYPES OF YOUNG ONSET ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P850.	0.4	1
161	O2â€05â€01: INFLUENCES OF BLOOD PRESSURE AND BLOOD PRESSURE TRAJECTORIES ON CEREBRAL PATHOLOGY AT AGE 70: RESULTS FROM A BRITISH BIRTH COHORT. Alzheimer's and Dementia, 2018, 14, P626.	0.4	1
162	Lifetime cigarette smoking and laterâ€life brain health: The populationâ€based 1946 British Birth Cohort. Alzheimer's and Dementia, 2020, 16, e041111.	0.4	1

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163	Dynamic PET imaging reduces sample sizes to detect longitudinal amyloid accumulation. Alzheimer's and Dementia, 2020, 16, e042623.	0.4	1
164	Serum neurofilament light and whole brain volume associate with machineâ€learning derived brainâ€predicted age in the British 1946 birth cohort. Alzheimer's and Dementia, 2020, 16, e045965.	0.4	1
165	Sex-related differences in whole brain volumes at age 70 in association with hyperglycemia during adult life. Neurobiology of Aging, 2021, 112, 161-169.	1.5	1
166	Gaussian Processes with optimal kernel construction for neuro-degenerative clinical onset prediction. , 2018, , .		1
167	A Multi-component similarity measure for improved robustness of non-rigid registration of combined FDG PET-CT head and neck images. IFMBE Proceedings, 2009, , 433-435.	0.2	1
168	Subtype and stage inference identifies distinct atrophy patterns in genetic frontotemporal dementia that MAP onto specific MAPT mutations. Alzheimer's and Dementia, 2020, 16, e042996.	0.4	1
169	Structural brain splitting is a hallmark of Granulin-related frontotemporal dementia. Neurobiology of Aging, 2022, , .	1.5	1
170	Anomia is present pre-symptomatically in frontotemporal dementia due to MAPT mutations. Journal of Neurology, 2022, 269, 4322-4332.	1.8	1
171	The <scp>CBIâ€R</scp> detects early behavioural impairment in genetic frontotemporal dementia. Annals of Clinical and Translational Neurology, 2022, 9, 644-658.	1.7	1
172	Synaptic PET imaging using [¹¹C]UCBâ€J in frontotemporal dementia. Alzheimer's and Dementia, 2021, 17, .	0.4	1
173	Disease progression models of familial frontotemporal lobar degeneration and the temporal ordering of biomarker changes in an international cohort. Alzheimer's and Dementia, 2021, 17, .	0.4	1
174	<title>Surgically appropriate maximum intensity projections: quantization of vessel depiction and incorporation into surgical navigation</title>. , 2001, , .		0
175	Centroid-Based Maximum Intensity Projections. Journal of Computer Assisted Tomography, 2002, 26, 73-83.	0.5	0
176	IC-O1-02: Are early atrophy patterns in autosomal dominant familial Alzheimer's disease gene-dependent?. , 2013, 9, P3-P4.		0
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