

David Cash

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1357238/publications.pdf>

Version: 2024-02-01

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 | Biomarker clustering in autosomal dominant Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2023, 19, 274-284. | 0.4 | 2 |
| 2 | A modified Camel and Cactus Test detects presymptomatic semantic impairment in genetic frontotemporal dementia within the GENFI cohort. <i>Applied Neuropsychology Adult</i> , 2022, 29, 112-119. | 0.7 | 18 |
| 3 | A data-driven disease progression model of fluid biomarkers in genetic frontotemporal dementia. <i>Brain</i> , 2022, 145, 1805-1817. | 3.7 | 27 |
| 4 | Stratifying the Presymptomatic Phase of Genetic Frontotemporal Dementia by Serum τ and pNfH: A Longitudinal Multicentre Study. <i>Annals of Neurology</i> , 2022, 91, 33-47. | 2.8 | 21 |
| 5 | Cognitive composites for genetic frontotemporal dementia: GENFI-Cog. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 10. | 3.0 | 4 |
| 6 | Examining empathy deficits across familial forms of frontotemporal dementia within the GENFI cohort. <i>Cortex</i> , 2022, 150, 12-28. | 1.1 | 2 |
| 7 | Conceptual framework for the definition of preclinical and prodromal frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2022, 18, 1408-1423. | 0.4 | 24 |
| 8 | Structural brain splitting is a hallmark of Granulin-related frontotemporal dementia. <i>Neurobiology of Aging</i> , 2022, , . | 1.5 | 1 |
| 9 | Anomia is present pre-symptomatically in frontotemporal dementia due to MAPT mutations. <i>Journal of Neurology</i> , 2022, 269, 4322-4332. | 1.8 | 1 |
| 10 | The τ detects early behavioural impairment in genetic frontotemporal dementia. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 644-658. | 1.7 | 1 |
| 11 | Associations of τ -Amyloid and Vascular Burden With Rates of Neurodegeneration in Cognitively Normal Members of the 1946 British Birth Cohort. <i>Neurology</i> , 2022, 99, . | 1.5 | 12 |
| 12 | A data-driven model of brain volume changes in progressive supranuclear palsy. <i>Brain Communications</i> , 2022, 4, . | 1.5 | 12 |
| 13 | Familial British dementia: a clinical and multi-modal imaging case study. <i>Journal of Neurology</i> , 2022, 269, 3926-3930. | 1.8 | 2 |
| 14 | Targeted Screening for Alzheimer's Disease Clinical Trials Using Data-Driven Disease Progression Models. <i>Frontiers in Artificial Intelligence</i> , 2022, 5, . | 2.0 | 6 |
| 15 | Population-based blood screening for pre-clinical Alzheimer's disease: a British birth cohort at age 70. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, A91.2-A91. | 0.9 | 0 |
| 16 | In vivo hypothalamic regional volumetry across the frontotemporal dementia spectrum. <i>NeuroImage: Clinical</i> , 2022, 35, 103084. | 1.4 | 4 |
| 17 | Brain functional network integrity sustains cognitive function despite atrophy in presymptomatic genetic frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2021, 17, 500-514. | 0.4 | 36 |
| 18 | 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. | 0.4 | 31 |

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | 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. | 1.2 | 11 |
| 20 | Pattern and degree of individual brain atrophy predicts dementia onset in dominantly inherited Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12197. | 1.2 | 4 |
| 21 | Progression of Behavioral Disturbances and Neuropsychiatric Symptoms in Patients With Genetic Frontotemporal Dementia. <i>JAMA Network Open</i> , 2021, 4, e2030194. | 2.8 | 42 |
| 22 | 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. | 1.2 | 19 |
| 23 | Early anterior cingulate involvement is seen in presymptomatic MAPT P301L mutation carriers. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 42. | 3.0 | 13 |
| 24 | A population-based study of head injury, cognitive function and pathological markers. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 842-856. | 1.7 | 5 |
| 25 | Resting-State Functional Connectivity Disruption as a Pathological Biomarker in Autosomal Dominant Alzheimer Disease. <i>Brain Connectivity</i> , 2021, 11, 239-249. | 0.8 | 18 |
| 26 | Investigating the relationship between BMI across adulthood and late life brain pathologies. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 91. | 3.0 | 7 |
| 27 | 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. | 3.0 | 14 |
| 28 | Plasma Neurofilament Light for Prediction of Disease Progression in Familial Frontotemporal Lobar Degeneration. <i>Neurology</i> , 2021, 96, e2296-e2312. | 1.5 | 52 |
| 29 | Uncertainty analysis of MR-PET image registration for precision neuro-PET imaging. <i>NeuroImage</i> , 2021, 232, 117821. | 2.1 | 8 |
| 30 | Subjective cognitive complaints at age 70: associations with amyloid and mental health. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 1215-1221. | 0.9 | 16 |
| 31 | Characterizing the Clinical Features and Atrophy Patterns of <i>MAPT</i> -Related Frontotemporal Dementia With Disease Progression Modeling. <i>Neurology</i> , 2021, 97, e941-e952. | 1.5 | 29 |
| 32 | 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. | 3.0 | 12 |
| 33 | 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. | 1.5 | 1 |
| 34 | Dissemination in time and space in presymptomatic granulin mutation carriers: a GENFI spatial chronnectome study. <i>Neurobiology of Aging</i> , 2021, 108, 155-167. | 1.5 | 3 |
| 35 | Visuomotor integration deficits are common to familial and sporadic preclinical Alzheimer's disease. <i>Brain Communications</i> , 2021, 3, fcab003. | 1.5 | 8 |
| 36 | Modeling autosomal dominant Alzheimer's disease with machine learning. <i>Alzheimer's and Dementia</i> , 2021, 17, 1005-1016. | 0.4 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Differential early subcortical involvement in genetic FTD within the GENFI cohort. <i>NeuroImage: Clinical</i> , 2021, 30, 102646. | 1.4 | 28 |
| 38 | Disease-related cortical thinning in presymptomatic granulin mutation carriers. <i>NeuroImage: Clinical</i> , 2021, 29, 102540. | 1.4 | 8 |
| 39 | Longitudinal Accumulation of Cerebral Microhemorrhages in Dominantly Inherited Alzheimer Disease. <i>Neurology</i> , 2021, 96, e1632-e1645. | 1.5 | 16 |
| 40 | OUP accepted manuscript. <i>Brain</i> , 2021, 144, 434-449. | 3.7 | 54 |
| 41 | A comparison of automated atrophy measures across the frontotemporal dementia spectrum: Implications for trials. <i>NeuroImage: Clinical</i> , 2021, 32, 102842. | 1.4 | 2 |
| 42 | Dissociable effects of APOE ϵ 4 and τ 2-amyloid pathology on visual working memory. <i>Nature Aging</i> , 2021, 1, 1002-1009. | 5.3 | 16 |
| 43 | Loss and dispersion of superficial white matter in Alzheimer's disease: a diffusion MRI study. <i>Brain Communications</i> , 2021, 3, fcab272. | 1.5 | 18 |
| 44 | A panel of CSF proteins separates genetic frontotemporal dementia from presymptomatic mutation carriers: a GENFI study. <i>Molecular Neurodegeneration</i> , 2021, 16, 79. | 4.4 | 9 |
| 45 | Altered visual and haptic verticality perception in posterior cortical atrophy and Alzheimer's disease. <i>Journal of Physiology</i> , 2021, 600, 373. | 1.3 | 8 |
| 46 | Synaptic PET imaging using [¹¹ C]UCB-L in frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 1 |
| 47 | Pattern of progression in MAPT-related frontotemporal dementia: Results from the GENFI study. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |
| 48 | Baseline MRI and CSF measurements in cognitively normal individuals as prognostic markers of progression to mild cognitive impairment. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |
| 49 | Detecting clinical progression from abnormal regional brain volumes at baseline in genetic frontotemporal dementia: A GENFI study. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |
| 50 | Atrophy and partial volume related bias in cortical region of interest NODDI metrics. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |
| 51 | The Boston Naming Test identifies presymptomatic anomia in MAPT mutation carriers. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |
| 52 | Disease progression models of familial frontotemporal lobar degeneration and the temporal ordering of biomarker changes in an international cohort. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 1 |
| 53 | Disentangling axonal loss and demyelination using multimodal imaging: Application to young onset Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |
| 54 | Atrophy patterns in sporadic and genetic behavioral variant frontotemporal dementia reflect brain network architecture. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Neuroimaging-derived phenotypes in the European Prevention of Alzheimer Dementia (EPAD) Cohort Study. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |
| 56 | From brain volumes to subgroup classification in genetic mutation carriers for frontotemporal dementia: A cluster analysis in the GENFI study. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |
| 57 | Fixel-based analysis of the effect of amyloid beta on white matter tracts in neurologically normal 70 year olds. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.4 | 0 |
| 58 | 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. | 1.9 | 44 |
| 59 | Associations Between Vascular Risk Across Adulthood and Brain Pathology in Late Life. <i>JAMA Neurology</i> , 2020, 77, 175. | 4.5 | 55 |
| 60 | Longitudinal (¹⁸F)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. | 0.9 | 8 |
| 61 | Single-subject grey matter network trajectories over the disease course of autosomal dominant Alzheimer's disease. <i>Brain Communications</i> , 2020, 2, fcaa102. | 1.5 | 11 |
| 62 | Comparing cortical signatures of atrophy between late-onset and autosomal dominant Alzheimer disease. <i>NeuroImage: Clinical</i> , 2020, 28, 102491. | 1.4 | 17 |
| 63 | Abnormal pain perception is associated with thalamo-cortico-striatal atrophy in <i>C9orf72</i> expansion carriers in the GENFI cohort. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1325-1328. | 0.9 | 12 |
| 64 | 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. | 1.2 | 8 |
| 65 | Analysis of brain atrophy and local gene expression in genetic frontotemporal dementia. <i>Brain Communications</i> , 2020, 2, . | 1.5 | 20 |
| 66 | 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. | 0.4 | 0 |
| 67 | Vascular risk factors and amyloid pathology: Additive or interactive associations?. <i>Alzheimer's and Dementia</i> , 2020, 16, e037922. | 0.4 | 0 |
| 68 | 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. | 0.4 | 0 |
| 69 | Uncovering superficial white matter changes in young-onset Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e039746. | 0.4 | 0 |
| 70 | Performance on the graded naming test in a population-based sample of 72-year-olds: Associations with life-course predictors and amyloid pathology. <i>Alzheimer's and Dementia</i> , 2020, 16, e040897. | 0.4 | 0 |
| 71 | Accelerated forgetting is sensitive to amyloid pathology and cerebral atrophy in cognitively normal 72-year-olds. <i>Alzheimer's and Dementia</i> , 2020, 16, e040987. | 0.4 | 0 |
| 72 | APOE ϵ 4 carriers have superior recall on the "What was where?" visual short-term memory binding test at age 70, despite a detrimental effect of amyloid. <i>Alzheimer's and Dementia</i> , 2020, 16, e041090. | 0.4 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Lifetime cigarette smoking and later-life brain health: The population-based 1946 British Birth Cohort. <i>Alzheimer's and Dementia</i> , 2020, 16, e041111. | 0.4 | 1 |
| 74 | ExploreQC: A toolbox for MRI quality control in the EPAD multicentre study. <i>Alzheimer's and Dementia</i> , 2020, 16, e041952. | 0.4 | 0 |
| 75 | Dynamic PET imaging reduces sample sizes to detect longitudinal amyloid accumulation. <i>Alzheimer's and Dementia</i> , 2020, 16, e042623. | 0.4 | 1 |
| 76 | Amyloid Pattern Similarity Score (AMPSS): A reference region free measure of amyloid PET deposition in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e042673. | 0.4 | 2 |
| 77 | Cerebral amyloid and white matter hyperintensity volume are independently associated with rates of cerebral atrophy in Insight 46, a sub-study of the 1946 British birth cohort. <i>Alzheimer's and Dementia</i> , 2020, 16, e044924. | 0.4 | 0 |
| 78 | Mid-life blood pressure and microstructural white matter: Findings from the 1946 British birth cohort. <i>Alzheimer's and Dementia</i> , 2020, 16, e045707. | 0.4 | 0 |
| 79 | 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. | 0.4 | 1 |
| 80 | Comparison of static and dynamic analysis techniques for longitudinal analysis of amyloid PET. <i>Alzheimer's and Dementia</i> , 2020, 16, e045991. | 0.4 | 0 |
| 81 | 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. | 1.2 | 5 |
| 82 | 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. | 2.1 | 31 |
| 83 | Olfactory testing does not predict β -amyloid, MRI measures of neurodegeneration or vascular pathology in the British 1946 birth cohort. <i>Journal of Neurology</i> , 2020, 267, 3329-3336. | 1.8 | 4 |
| 84 | Basal forebrain atrophy in frontotemporal dementia. <i>NeuroImage: Clinical</i> , 2020, 26, 102210. | 1.4 | 13 |
| 85 | Plasma glial fibrillary acidic protein is raised in progranulin-associated frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 263-270. | 0.9 | 106 |
| 86 | Pure tone audiometry and cerebral pathology in healthy older adults. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 172-176. | 0.9 | 16 |
| 87 | Neuronal pentraxin 2: a synapse-derived CSF biomarker in genetic frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 612-621. | 0.9 | 55 |
| 88 | Faster Cortical Thinning and Surface Area Loss in Presymptomatic and Symptomatic <i>C9orf72</i> Repeat Expansion Adult Carriers. <i>Annals of Neurology</i> , 2020, 88, 113-122. | 2.8 | 19 |
| 89 | 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. | 1.2 | 7 |
| 90 | Social cognition impairment in genetic frontotemporal dementia within the GENFI cohort. <i>Cortex</i> , 2020, 133, 384-398. | 1.1 | 26 |

| # | ARTICLE | IF | CITATIONS |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | Automated Brainstem Segmentation Detects Differential Involvement in Atypical Parkinsonian Syndromes. <i>Journal of Movement Disorders</i> , 2020, 13, 39-46. | 0.7 | 16 |
| 92 | 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. | 0.4 | 1 |
| 93 | 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</i> , The, 2019, 18, 942-952. | 4.9 | 178 |
| 94 | Hippocampal subfield volumes and pre-clinical Alzheimer's disease in 408 cognitively normal adults born in 1946. <i>PLoS ONE</i> , 2019, 14, e0224030. | 1.1 | 26 |
| 95 | Serum neurofilament light chain in genetic frontotemporal dementia: a longitudinal, multicentre cohort study. <i>Lancet Neurology</i> , The, 2019, 18, 1103-1111. | 4.9 | 128 |
| 96 | Cognition at age 70. <i>Neurology</i> , 2019, 93, e2144-e2156. | 1.5 | 37 |
| 97 | The inner fluctuations of the brain in presymptomatic Frontotemporal Dementia: The chronnectome fingerprint. <i>NeuroImage</i> , 2019, 189, 645-654. | 2.1 | 33 |
| 98 | Segmentation of medial temporal subregions reveals early right-sided involvement in semantic variant PPA. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 41. | 3.0 | 16 |
| 99 | Cerebral perfusion changes in presymptomatic genetic frontotemporal dementia: a GENFI study. <i>Brain</i> , 2019, 142, 1108-1120. | 3.7 | 41 |
| 100 | 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. | 1.2 | 17 |
| 101 | ICP007: CENTILOID SCALE TRANSFORMATION OF FLORBETAPIR DATA ACQUIRED ON A PET/MR SCANNER. <i>Alzheimer's and Dementia</i> , 2019, 15, P17. | 0.4 | 0 |
| 102 | P490: ALZHEIMER'S DISEASE POLYGENIC BURDEN BEYOND APOE ACTS STRONGER ON TAU THAN ON AMYLOID. <i>Alzheimer's and Dementia</i> , 2019, 15, P1500. | 0.4 | 0 |
| 103 | O1301: EARLY ADULTHOOD VASCULAR RISK STRONGLY PREDICTS BRAIN VOLUMES AND WHITE MATTER DISEASE, BUT NOT AMYLOID STATUS, AT AGE 69-71 YEARS: EVIDENCE FROM A BRITISH BIRTH COHORT. <i>Alzheimer's and Dementia</i> , 2019, 15, P1269. | 0.4 | 0 |
| 104 | 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. | 0.8 | 16 |
| 105 | Ventricular volume expansion in presymptomatic genetic frontotemporal dementia. <i>Neurology</i> , 2019, 93, e1699-e1706. | 1.5 | 19 |
| 106 | ICP006: LONGITUDINAL RATES OF AMYLOID ACCUMULATION IN A 70-YEAR OLD BRITISH BIRTH COHORT. <i>Alzheimer's and Dementia</i> , 2019, 15, P16. | 0.4 | 0 |
| 107 | White matter hyperintensities in progranulin-associated frontotemporal dementia: A longitudinal GENFI study. <i>NeuroImage: Clinical</i> , 2019, 24, 102077. | 1.4 | 27 |
| 108 | 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. | 2.4 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Differences in hippocampal subfield volume are seen in phenotypic variants of early onset Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019, 21, 101632. | 1.4 | 37 |
| 110 | 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. | 2.1 | 16 |
| 111 | Functional network resilience to pathology in presymptomatic genetic frontotemporal dementia. <i>Neurobiology of Aging</i> , 2019, 77, 169-177. | 1.5 | 47 |
| 112 | Title is missing!. , 2019, 14, e0224030. | | 0 |
| 113 | Title is missing!. , 2019, 14, e0224030. | | 0 |
| 114 | Title is missing!. , 2019, 14, e0224030. | | 0 |
| 115 | Title is missing!. , 2019, 14, e0224030. | | 0 |
| 116 | Poly(GP), neurofilament and grey matter deficits in <i>C9orf72</i> expansion carriers. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 583-597. | 1.7 | 48 |
| 117 | Cortical microstructure in young onset Alzheimer's disease using neurite orientation dispersion and density imaging. <i>Human Brain Mapping</i> , 2018, 39, 3005-3017. | 1.9 | 87 |
| 118 | Spatial patterns of neuroimaging biomarker change in individuals from families with autosomal dominant Alzheimer's disease: a longitudinal study. <i>Lancet Neurology</i> , The, 2018, 17, 241-250. | 4.9 | 383 |
| 119 | Data-driven models of dominantly-inherited Alzheimer's disease progression. <i>Brain</i> , 2018, 141, 1529-1544. | 3.7 | 111 |
| 120 | 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. | 1.9 | 41 |
| 121 | Presymptomatic atrophy in autosomal dominant Alzheimer's disease: A serial magnetic resonance imaging study. <i>Alzheimer's and Dementia</i> , 2018, 14, 43-53. | 0.4 | 42 |
| 122 | Patterns of gray matter atrophy in genetic frontotemporal dementia: results from the GENFI study. <i>Neurobiology of Aging</i> , 2018, 62, 191-196. | 1.5 | 151 |
| 123 | Patterns of progressive atrophy vary with age in Alzheimer's disease patients. <i>Neurobiology of Aging</i> , 2018, 63, 22-32. | 1.5 | 31 |
| 124 | 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. | 1.5 | 40 |
| 125 | P2438: ROBUST IDENTIFICATION OF BRAIN STRUCTURES MOST DISCRIMINATIVE IN DETECTING EARLY CHANGES IN AUTOSOMAL DOMINANT ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P882. | 0.4 | 0 |
| 126 | O2403: WHAT GOES UP MUST COME DOWN: LONGITUDINAL DECLINE IN CEREBROSPINAL FLUID TAU PEPTIDES IS ASSOCIATED WITH PROGRESSIVE CORTICAL ATROPHY. <i>Alzheimer's and Dementia</i> , 2018, 14, P622. | 0.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | P2â€³90: DIFFERENTIAL HIPPOCAMPAL SUBFIELD LOSS IN DIFFERENT PHENOTYPES OF YOUNG ONSET ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P850. | 0.4 | 1 |
| 128 | P3â€³437: LONGITUDINAL CORTICAL THICKNESS IN SPORADIC YOUNG ONSET ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P1281. | 0.4 | 0 |
| 129 | ICâ€³Pâ€³048: SAMPLE SIZE ESTIMATES FOR SECONDARY PREVENTION STUDIES USING REGIONAL ATROPHY RATES. <i>Alzheimer's and Dementia</i> , 2018, 14, P47. | 0.4 | 0 |
| 130 | P1â€³474: SURFACEâ€³BASED ANALYSIS OF CORTICAL GREY MATTER MICROSTRUCTURE IN YOUNGâ€³ONSET ALZHEIMER'S DISEASE USING NEURITE ORIENTATION DISPERSION AND DENSITY IMAGING (NODDI). <i>Alzheimer's and Dementia</i> , 2018, 14, P505. | 0.4 | 0 |
| 131 | ICâ€³Pâ€³165: ROBUST IDENTIFICATION OF BRAIN STRUCTURES MOST DISCRIMINATIVE IN DETECTING EARLY CHANGES IN AUTOSOMAL DOMINANT ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P138. | 0.4 | 0 |
| 132 | O2â€³05â€³01: INFLUENCES OF BLOOD PRESSURE AND BLOOD PRESSURE TRAJECTORIES ON CEREBRAL PATHOLOGY AT AGE 70: RESULTS FROM A BRITISH BIRTH COHORT. <i>Alzheimer's and Dementia</i> , 2018, 14, P626. | 0.4 | 1 |
| 133 | P1â€³410: SAMPLE SIZE ESTIMATES FOR SECONDARY PREVENTION STUDIES USING REGIONAL ATROPHY RATES. <i>Alzheimer's and Dementia</i> , 2018, 14, P461. | 0.4 | 0 |
| 134 | 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. | 1.2 | 14 |
| 135 | Uncovering the heterogeneity and temporal complexity of neurodegenerative diseases with Subtype and Stage Inference. <i>Nature Communications</i> , 2018, 9, 4273. | 5.8 | 263 |
| 136 | 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. | 3.0 | 34 |
| 137 | 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. | 1.2 | 26 |
| 138 | Presymptomatic white matter integrity loss in familial frontotemporal dementia in the <sc>GENFI</sc> cohort: A crossâ€³sectional diffusion tensor imaging study. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1025-1036. | 1.7 | 39 |
| 139 | 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, 1-16. | 1.2 | 28 |
| 140 | Gaussian Processes with optimal kernel construction for neuro-degenerative clinical onset prediction. , 2018, , . | | 1 |
| 141 | Cognitive reserve and TMEM106B genotype modulate brain damage in presymptomatic frontotemporal dementia: a GENFI study. <i>Brain</i> , 2017, 140, 1784-1791. | 3.7 | 55 |
| 142 | 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. | 0.9 | 9 |
| 143 | ApoE influences regional white-matter axonal density loss in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017, 57, 8-17. | 1.5 | 82 |
| 144 | White matter hyperintensities are seen only in GRN mutation carriers in the GENFI cohort. <i>NeuroImage: Clinical</i> , 2017, 15, 171-180. | 1.4 | 63 |

| # | ARTICLE | IF | CITATIONS |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 145 | White matter hyperintensities are associated with disproportionate progressive hippocampal atrophy. <i>Hippocampus</i> , 2017, 27, 249-262. | 0.9 | 62 |
| 146 | [ICâ€Pâ€004]: A COMPARISON OF TECHNIQUES FOR QUANTIFYING AMYLOID BURDEN ON A COMBINED PET/MR SCANNER. <i>Alzheimer's and Dementia</i> , 2017, 13, P12. | 0.4 | 0 |
| 147 | [P1â€443]: MULTIPLE DISTINCT ATROPHY PATTERNS FOUND IN GENETIC FRONTOTEMPORAL DEMENTIA USING SUBTYPE AND STAGE INFERENCE (SUSTAIN). <i>Alzheimer's and Dementia</i> , 2017, 13, P453. | 0.4 | 1 |
| 148 | [ICâ€Pâ€079]: MULTIPLE DISTINCT ATROPHY PATTERNS FOUND IN GENETIC FRONTOTEMPORAL DEMENTIA USING SUBTYPE AND STAGE INFERENCE (SUSTAIN). <i>Alzheimer's and Dementia</i> , 2017, 13, P65. | 0.4 | 0 |
| 149 | Study protocol: Insight 46 â€ a neuroscience sub-study of the MRC National Survey of Health and Development. <i>BMC Neurology</i> , 2017, 17, 75. | 0.8 | 64 |
| 150 | [P2â€414]: CHARACTERISING THE PROGRESSION OF ALZHEIMER'S DISEASE SUBTYPES USING SUBTYPE AND STAGE INFERENCE (SUSTAIN). <i>Alzheimer's and Dementia</i> , 2017, 13, P791. | 0.4 | 0 |
| 151 | [P2â€545]: VASCULAR AND EARLY LIFE INFLUENCES ON CEREBROVASCULAR DISEASE IN INSIGHT 46: A SUBâ€STUDY OF THE MRC NATIONAL SURVEY OF HEALTH AND DEVELOPMENT (NSHD) BRITISH BIRTH COHORT. <i>Alzheimer's and Dementia</i> , 2017, 13, P851. | 0.4 | 0 |
| 152 | [P3â€327]: THE ADNI3 DIFFUSION MRI PROTOCOL: BASIC + ADVANCED. <i>Alzheimer's and Dementia</i> , 2017, 13, P1075. | 0.4 | 0 |
| 153 | [P3â€348]: EXPLORING THE POPULATION PREVALENCE OF Î²â€AMYLOID BURDEN: AN ANALYSIS OF 250 INDIVIDUALS BORN IN MAINLAND BRITAIN IN THE SAME WEEK IN 1946. <i>Alzheimer's and Dementia</i> , 2017, 13, P1088. | 0.4 | 0 |
| 154 | [P3â€373]: A COMPARISON OF TECHNIQUES FOR QUANTIFYING AMYLOID BURDEN ON A COMBINED PET/MR SCANNER. <i>Alzheimer's and Dementia</i> , 2017, 13, P1100. | 0.4 | 0 |
| 155 | [P4â€230]: LONGITUDINAL NEURITE ORIENTATION DISPERSION AND DENSITY IMAGING IN YOUNGâ€ONSET ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P1359. | 0.4 | 0 |
| 156 | [P4â€242]: ADNIâ€3 MRI ACQUISITIONS. <i>Alzheimer's and Dementia</i> , 2017, 13, P1368. | 0.4 | 1 |
| 157 | [ICâ€Pâ€137]: ADNIâ€3 MRI PROTOCOL. <i>Alzheimer's and Dementia</i> , 2017, 13, P104. | 0.4 | 8 |
| 158 | [ICâ€Pâ€150]: CHARACTERISING PRESYMPTOMATIC ATROPHY PATTERNS THROUGH MULTIVARIATE MACHINE LEARNING. <i>Alzheimer's and Dementia</i> , 2017, 13, P113. | 0.4 | 0 |
| 159 | [ICâ€Pâ€154]: CHARACTERISING THE PROGRESSION OF ALZHEIMER'S DISEASE SUBTYPES USING SUBTYPE AND STAGE INFERENCE (SUSTAIN). <i>Alzheimer's and Dementia</i> , 2017, 13, P116. | 0.4 | 2 |
| 160 | [ICâ€Pâ€168]: LONGITUDINAL NEURITE ORIENTATION DISPERSION AND DENSITY IMAGING IN YOUNGâ€ONSET ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P127. | 0.4 | 0 |
| 161 | [ICâ€03â€04]: WHITE MATTER HYPERINTENSITIES IN GENETIC FRONTOTEMPORAL DEMENTIA: A GENFI STUDY. <i>Alzheimer's and Dementia</i> , 2017, 13, P9. | 0.4 | 0 |
| 162 | [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. <i>Alzheimer's and Dementia</i> , 2017, 13, P449. | 0.4 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 163 | [O1â€™02â€™02]: CHARACTERISING PRESYMPTOMATIC ATROPHY PATTERNS THROUGH MULTIVARIATE MACHINE LEARNING. Alzheimer's and Dementia, 2017, 13, P185. | 0.4 | 0 |
| 164 | [F4â€™01â€™04]: NEUROIMAGING AND HETEROGENEITY IN FAMILIAL ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2017, 13, P1211. | 0.4 | 0 |
| 165 | [O5â€™05â€™04]: BRAIN VOLUME, CEREBRAL Î²â€™AMYLOID DEPOSITION, AND AGEING: A STUDY OF OVER 200 INDIVIDUALS BORN IN THE SAME WEEK IN 1946. Alzheimer's and Dementia, 2017, 13, P1464. | 0.4 | 0 |
| 166 | P1â€™025: Cerebral Perfusion as an Imaging Biomarker of Presymptomatic Genetic Frontotemporal Dementia: Preliminary Results from the Genetic Frontotemporal Dementia Initiative (GENFI). Alzheimer's and Dementia, 2016, 12, P409. | 0.4 | 0 |
| 167 | ICâ€™Pâ€™142: A Longitudinal Morphometric Study of Familial Alzheimerâ€™s Disease: Results from Dian. Alzheimer's and Dementia, 2016, 12, P105. | 0.4 | 0 |
| 168 | O1â€™07â€™01: A Longitudinal Morphometric Study of Familial Alzheimerâ€™s Disease: Results From DIAN. Alzheimer's and Dementia, 2016, 12, P187. | 0.4 | 0 |
| 169 | F5â€™02â€™02: Longitudinal Atrophy in Autosomal Dominant Ad and Sporadic Ad: Lessons from Dian. Alzheimer's and Dementia, 2016, 12, P368. | 0.4 | 0 |
| 170 | Large-scale brain network abnormalities in Huntington's disease revealed by structural covariance. Human Brain Mapping, 2016, 37, 67-80. | 1.9 | 15 |
| 171 | Neurofilament light chain: a biomarker for genetic frontotemporal dementia. Annals of Clinical and Translational Neurology, 2016, 3, 623-636. | 1.7 | 207 |
| 172 | The habenula: an under-recognised area of importance in frontotemporal dementia?. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 910-912. | 0.9 | 14 |
| 173 | Patterns of regional cerebellar atrophy in genetic frontotemporal dementia. NeuroImage: Clinical, 2016, 11, 287-290. | 1.4 | 54 |
| 174 | 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 |
| 175 | IC-P-054: Grey matter differences in genetic frontotemporal dementia: Results from the genfi study. , 2015, 11, P42-P42. | | 0 |
| 176 | Probabilistic non-linear registration with spatially adaptive regularisation. Medical Image Analysis, 2015, 26, 203-216. | 7.0 | 22 |
| 177 | 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 |
| 178 | Neuropsychiatry and White Matter Microstructure in Huntingtonâ€™s Disease. Journal of Huntington's Disease, 2015, 4, 239-249. | 0.9 | 33 |
| 179 | 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 |
| 180 | O2-01-01: Grey matter differences in genetic frontotemporal dementia: Results from the genfi study. , 2015, 11, P171-P171. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 181 | Presymptomatic cognitive and neuroanatomical changes in genetic frontotemporal dementia in the Genetic Frontotemporal dementia Initiative (GENFI) study: a cross-sectional analysis. <i>Lancet Neurology</i> , The, 2015, 14, 253-262. | 4.9 | 432 |
| 182 | Detailed volumetric analysis of the hypothalamus in behavioral variant frontotemporal dementia. <i>Journal of Neurology</i> , 2015, 262, 2635-2642. | 1.8 | 60 |
| 183 | Assessing atrophy measurement techniques in dementia: Results from the MIRIAD atrophy challenge. <i>NeuroImage</i> , 2015, 123, 149-164. | 2.1 | 63 |
| 184 | The impact of occipital lobe cortical thickness on cognitive task performance: An investigation in Huntington's Disease. <i>Neuropsychologia</i> , 2015, 79, 138-146. | 0.7 | 56 |
| 185 | Measuring brain atrophy with a generalized formulation of the boundary shift integral. <i>Neurobiology of Aging</i> , 2015, 36, S81-S90. | 1.5 | 24 |
| 186 | Multiple Orderings of Events in Disease Progression. <i>Lecture Notes in Computer Science</i> , 2015, 24, 711-722. | 1.0 | 22 |
| 187 | APOE ϵ 4 Is Associated with Disproportionate Progressive Hippocampal Atrophy in AD. <i>PLoS ONE</i> , 2014, 9, e97608. | 1.1 | 53 |
| 188 | Prominent effects and neural correlates of visual crowding in a neurodegenerative disease population. <i>Brain</i> , 2014, 137, 3284-3299. | 3.7 | 36 |
| 189 | Global image registration using a symmetric block-matching approach. <i>Journal of Medical Imaging</i> , 2014, 1, 024003. | 0.8 | 245 |
| 190 | A symmetric block-matching framework for global registration. <i>Proceedings of SPIE</i> , 2014, , . | 0.8 | 5 |
| 191 | A data-driven model of biomarker changes in sporadic Alzheimer's disease. <i>Brain</i> , 2014, 137, 2564-2577. | 3.7 | 243 |
| 192 | Imaging endpoints for clinical trials in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2014, 6, 87. | 3.0 | 47 |
| 193 | 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. | 1.0 | 15 |
| 194 | Simulating Neurodegeneration through Longitudinal Population Analysis of Structural and Diffusion Weighted MRI Data. <i>Lecture Notes in Computer Science</i> , 2014, 17, 57-64. | 1.0 | 7 |
| 195 | (Con)text-specific effects of visual dysfunction on reading in posterior cortical atrophy. <i>Cortex</i> , 2014, 57, 92-106. | 1.1 | 25 |
| 196 | Correction of inter-scanner and within-subject variance in structural MRI based automated diagnosing. <i>NeuroImage</i> , 2014, 98, 405-415. | 2.1 | 40 |
| 197 | O2-07-02: VISUAL CROWDING IN POSTERIOR CORTICAL ATROPHY. , 2014, 10, P177-P178. | | 0 |
| 198 | IC-P-175: LONGITUDINAL VOLUMETRIC AND DIFFUSION TENSOR IMAGING IN FAMILIAL ALZHEIMER'S DISEASE. , 2014, 10, P97-P98. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 199 | O1-07-02: LONGITUDINAL VOLUMETRIC AND DIFFUSION TENSOR IMAGING IN FAMILIAL ALZHEIMER'S DISEASE. , 2014, 10, P141-P142. | | 0 |
| 200 | IC-P-106: LONGITUDINAL RATES OF ATROPHY IN FAMILIAL ALZHEIMER'S DISEASE. , 2014, 10, P59-P60. | | 0 |
| 201 | STEPS: Similarity and Truth Estimation for Propagated Segmentations and its application to hippocampal segmentation and brain parcellation. Medical Image Analysis, 2013, 17, 671-684. | 7.0 | 215 |
| 202 | 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 |
| 203 | Regional variability of imaging biomarkers in autosomal dominant Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4502-9. | 3.3 | 309 |
| 204 | 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 |
| 205 | IC-O1-02: Are early atrophy patterns in autosomal dominant familial Alzheimer's disease gene-dependent?. , 2013, 9, P3-P4. | | 0 |
| 206 | MIRIADâ€”Public release of a multiple time point Alzheimer's MR imaging dataset. NeuroImage, 2013, 70, 33-36. | 2.1 | 111 |
| 207 | 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 |
| 208 | The pattern of atrophy in familial Alzheimer disease. Neurology, 2013, 81, 1425-1433. | 1.5 | 67 |
| 209 | Olfactory impairment in posterior cortical atrophy. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 588-590. | 0.9 | 13 |
| 210 | Corpus Callosal Atrophy in Premanifest and Early Huntington's Disease. Journal of Huntington's Disease, 2013, 2, 517-526. | 0.9 | 29 |
| 211 | Immediate ROI Search for 3-D Medical Images. Lecture Notes in Computer Science, 2013, , 56-67. | 1.0 | 5 |
| 212 | A Bayesian Approach for Spatially Adaptive Regularisation in Non-rigid Registration. Lecture Notes in Computer Science, 2013, 16, 10-18. | 1.0 | 11 |
| 213 | Multi-STEPS: Multi-label similarity and truth estimation for propagated segmentations. , 2012, , | | 14 |
| 214 | Cortical Folding Analysis on Patients with Alzheimer's Disease and Mild Cognitive Impairment. Lecture Notes in Computer Science, 2012, 15, 289-296. | 1.0 | 9 |
| 215 | 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 |
| 216 | Inverse-Consistent Symmetric Free Form Deformation. Lecture Notes in Computer Science, 2012, , 79-88. | 1.0 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 217 | 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 |
| 218 | Concepts and Preliminary Data Toward the Realization of Image-guided Liver Surgery. Journal of Gastrointestinal Surgery, 2007, 11, 844-859. | 0.9 | 112 |
| 219 | Phenomenological Model of Diffuse Global and Regional Atrophy Using Finite-Element Methods. IEEE Transactions on Medical Imaging, 2006, 25, 1417-1430. | 5.4 | 32 |
| 220 | Robust surface registration using salient anatomical features in image-guided liver surgery. , 2006, 6141, 105. | | 9 |
| 221 | Intraoperative Cortical Surface Characterization using Laser Range Scanning: Preliminary Results. Operative Neurosurgery, 2006, 59, ONS-368-ONS-377. | 0.4 | 18 |
| 222 | Semiautomatic segmentation of textured laser range scans for use in image-guided procedures. , 2005, , . | | 4 |
| 223 | Application of soft tissue modelling to image-guided surgery. Medical Engineering and Physics, 2005, 27, 893-909. | 0.8 | 104 |
| 224 | 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 |
| 225 | A method to track cortical surface deformations using a laser range scanner. IEEE Transactions on Medical Imaging, 2005, 24, 767-781. | 5.4 | 74 |
| 226 | Identification of deformation using invariant surface information. , 2004, , . | | 3 |
| 227 | Cortical surface registration for image-guided neurosurgery using laser-range scanning. IEEE Transactions on Medical Imaging, 2003, 22, 973-985. | 5.4 | 138 |
| 228 | 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 |
| 229 | Incorporation of a laser range scanner into an image-guided surgical system. , 2003, , . | | 2 |
| 230 | Laser range scanning for cortical surface characterization during neurosurgery. , 2003, , . | | 1 |
| 231 | Intraoperative registration of the liver for image-guided surgery using laser range scanning and deformable models. , 2003, , . | | 13 |
| 232 | Centroid-Based Maximum Intensity Projections. Journal of Computer Assisted Tomography, 2002, 26, 73-83. | 0.5 | 0 |
| 233 | <title>Fast accurate surface acquisition using a laser range scanner for image-guided liver surgery</title>. , 2002, , . | | 7 |
| 234 | Cortical Surface Registration Using Texture Mapped Point Clouds and Mutual Information. Lecture Notes in Computer Science, 2002, , 533-540. | 1.0 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 235 | Design and implementation of a PC-based image-guided surgical system. Computer Methods and Programs in Biomedicine, 2002, 69, 211-224. | 2.6 | 26 |
| 236 | <title>Surgically appropriate maximum intensity projections: quantization of vessel depiction and incorporation into surgical navigation</title>. , 2001, , . | | 0 |