

M Jorge Cardoso

List of Publications by Year in descending order

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Version: 2024-02-01

181
papers

14,131
citations

50170

46
h-index

25716

108
g-index

200
all docs

200
docs citations

200
times ranked

22438
citing authors

#	ARTICLE	IF	CITATIONS
1	Knowledge barriers in a national symptomatic-COVID-19 testing programme. PLOS Global Public Health, 2022, 2, e0000028.	0.5	11
2	Informative and Reliable Tract Segmentation for Preoperative Planning. Frontiers in Radiology, 2022, 2, .	1.2	2
3	The Medical Segmentation Decathlon. Nature Communications, 2022, 13, .	5.8	252
4	Clinical evaluation of automated quantitative MRI reports for assessment of hippocampal sclerosis. European Radiology, 2021, 31, 34-44.	2.3	11
5	Cancer and Risk of COVID-19 Through a General Community Survey. Oncologist, 2021, 26, e182-e185.	1.9	61
6	Robust parametric modeling of Alzheimer's disease progression. NeuroImage, 2021, 225, 117460.	2.1	11
7	Learning joint segmentation of tissues and brain lesions from task-specific hetero-modal domain-shifted datasets. Medical Image Analysis, 2021, 67, 101862.	7.0	16
8	Brain amyloid and vascular risk are related to distinct white matter hyperintensity patterns. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 1162-1174.	2.4	37
9	Distinguishing Healthy Ageing from Dementia: A Biomechanical Simulation of Brain Atrophy Using Deep Networks. Lecture Notes in Computer Science, 2021, , 13-22.	1.0	0
10	Automated quantitative MRI volumetry reports support diagnostic interpretation in dementia: a multi-rater, clinical accuracy study. European Radiology, 2021, 31, 5312-5323.	2.3	19
11	A Position Statement on the Utility of Interval Imaging in Standard of Care Brain Tumour Management: Defining the Evidence Gap and Opportunities for Future Research. Frontiers in Oncology, 2021, 11, 620070.	1.3	13
12	A Multi-Channel Uncertainty-Aware Multi-Resolution Network for MR to CT Synthesis. Applied Sciences (Switzerland), 2021, 11, 1667.	1.3	7
13	Symptom clusters in COVID-19: A potential clinical prediction tool from the COVID Symptom Study app. Science Advances, 2021, 7, .	4.7	115
14	A population-based study of head injury, cognitive function and pathological markers. Annals of Clinical and Translational Neurology, 2021, 8, 842-856.	1.7	5
15	Attributes and predictors of long COVID. Nature Medicine, 2021, 27, 626-631.	15.2	1,613
16	Anomaly detection for the individual analysis of brain PET images. Journal of Medical Imaging, 2021, 8, 024003.	0.8	6
17	Longitudinal structural and perfusion MRI enhanced by machine learning outperforms standalone modalities and radiological expertise in high-grade glioma surveillance. Neuroradiology, 2021, 63, 2047-2056.	1.1	9
18	Uncertainty analysis of MR-PET image registration for precision neuro-PET imaging. NeuroImage, 2021, 232, 117821.	2.1	8

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19	Detecting COVID-19 infection hotspots in England using large-scale self-reported data from a mobile application: a prospective, observational study. <i>Lancet Public Health, The</i> , 2021, 6, e21-e29.	4.7	72
20	Methods and open-source toolkit for analyzing and visualizing challenge results. <i>Scientific Reports</i> , 2021, 11, 2369.	1.6	25
21	Geo-social gradients in predicted COVID-19 prevalence in Great Britain: results from 1 960 242 users of the COVID-19 Symptoms Study app. <i>Thorax</i> , 2021, 76, 723-725.	2.7	12
22	Opportunities for Understanding MS Mechanisms and Progression With MRI Using Large-Scale Data Sharing and Artificial Intelligence. <i>Neurology</i> , 2021, 97, 989-999.	1.5	10
23	Presumed small vessel disease, imaging and cognition markers in the Alzheimer's Disease Neuroimaging Initiative. <i>Brain Communications</i> , 2021, 3, fcab226.	1.5	2
24	Reclassifying stroke lesion anatomy. <i>Cortex</i> , 2021, 145, 1-12.	1.1	16
25	Patterns of white matter hyperintensities associated with cognition in middle-aged cognitively healthy individuals. <i>Brain Imaging and Behavior</i> , 2020, 14, 2012-2023.	1.1	40
26	Automated postoperative muscle assessment of hip arthroplasty patients using multimodal imaging joint segmentation. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 183, 105062.	2.6	4
27	A 30-Year Clinical and Magnetic Resonance Imaging Observational Study of Multiple Sclerosis and Clinically Isolated Syndromes. <i>Annals of Neurology</i> , 2020, 87, 63-74.	2.8	67
28	Imaging biomarkers in Alzheimer's disease. , 2020, , 343-378.		1
29	Neurosense: deep sensing of full or near-full coverage head/brain scans in human magnetic resonance imaging. <i>Neuroinformatics</i> , 2020, 18, 333-336.	1.5	0
30	Comorbid amyloid β pathology affects clinical and imaging features in VCD. <i>Alzheimer's and Dementia</i> , 2020, 16, 354-364.	0.4	6
31	Hippocampal profiling: Localized magnetic resonance imaging volumetry and T2 relaxometry for hippocampal sclerosis. <i>Epilepsia</i> , 2020, 61, 297-309.	2.6	26
32	Investigating the clinico-anatomical dissociation in the behavioral variant of Alzheimer disease. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 148.	3.0	17
33	Risk of COVID-19 among front-line health-care workers and the general community: a prospective cohort study. <i>Lancet Public Health, The</i> , 2020, 5, e475-e483.	4.7	1,595
34	The future of digital health with federated learning. <i>Npj Digital Medicine</i> , 2020, 3, 119.	5.7	887
35	Substantially thinner internal granular layer and reduced molecular layer surface in the cerebellar cortex of the Tc1 mouse model of down syndrome – a comprehensive morphometric analysis with active staining contrast-enhanced MRI. <i>NeuroImage</i> , 2020, 223, 117271.	2.1	7
36	Rapid implementation of mobile technology for real-time epidemiology of COVID-19. <i>Science</i> , 2020, 368, 1362-1367.	6.0	313

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37	Real-time tracking of self-reported symptoms to predict potential COVID-19. <i>Nature Medicine</i> , 2020, 26, 1037-1040.	15.2	1,173
38	A k-Space Model of Movement Artefacts: Application to Segmentation Augmentation and Artefact Removal. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 2881-2892.	5.4	20
39	Machine learning assisted DSC-MRI radiomics as a tool for glioma classification by grade and mutation status. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 149.	1.5	38
40	Basal forebrain atrophy in frontotemporal dementia. <i>NeuroImage: Clinical</i> , 2020, 26, 102210.	1.4	13
41	Automated White Matter Hyperintensity Segmentation Using Bayesian Model Selection: Assessment and Correlations with Cognitive Change. <i>Neuroinformatics</i> , 2020, 18, 429-449.	1.5	14
42	Hierarchical Brain Parcellation with Uncertainty. <i>Lecture Notes in Computer Science</i> , 2020, , 23-31.	1.0	4
43	Deep iterative vessel segmentation in OCT angiography. <i>Biomedical Optics Express</i> , 2020, 11, 2490.	1.5	20
44	Uncertainty-Aware Multi-resolution Whole-Body MR to CT Synthesis. <i>Lecture Notes in Computer Science</i> , 2020, , 110-119.	1.0	1
45	Brain Perfusion, Regional Volumes, and Cognitive Function in Human Immunodeficiency Virus-“positive Patients Treated With Protease Inhibitor Monotherapy. <i>Clinical Infectious Diseases</i> , 2019, 68, 1031-1040.	2.9	3
46	The quantitative neuroradiology initiative framework: application to dementia. <i>British Journal of Radiology</i> , 2019, 92, 20190365.	1.0	32
47	Prion disease diagnosis using subject-specific imaging biomarkers within a multi-kernel Gaussian process. <i>NeuroImage: Clinical</i> , 2019, 24, 102051.	1.4	7
48	Learning to see the invisible: A data-driven approach to finding the underlying patterns of abnormality in visually normal brain magnetic resonance images in patients with temporal lobe epilepsy. <i>Epilepsia</i> , 2019, 60, 2499-2507.	2.6	14
49	Spatial patterns of white matter hyperintensities associated with Alzheimer’s disease risk factors in a cognitively healthy middle-aged cohort. <i>Alzheimer’s Research and Therapy</i> , 2019, 11, 12.	3.0	46
50	Magnetic Resonance Imaging of Cerebral Small Vessel Disease in Men Living with HIV and HIV-Negative Men Aged 50 and Above. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 453-460.	0.5	13
51	Longitudinal neuroanatomical and cognitive progression of posterior cortical atrophy. <i>Brain</i> , 2019, 142, 2082-2095.	3.7	64
52	High-dimensional detection of imaging response to treatment in multiple sclerosis. <i>Npj Digital Medicine</i> , 2019, 2, 49.	5.7	12
53	Applying causal models to explore the mechanism of action of simvastatin in progressive multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11020-11027.	3.3	28
54	Standardized Assessment of Automatic Segmentation of White Matter Hyperintensities and Results of the WMH Segmentation Challenge. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 2556-2568.	5.4	165

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55	Cortical cerebral blood flow in ageing: effects of haematocrit, sex, ethnicity and diabetes. <i>European Radiology</i> , 2019, 29, 5549-5558.	2.3	22
56	Study the Longitudinal in vivo and Cross-Sectional ex vivo Brain Volume Difference for Disease Progression and Treatment Effect on Mouse Model of Tauopathy Using Automated MRI Structural Parcellation. <i>Frontiers in Neuroscience</i> , 2019, 13, 11.	1.4	22
57	White matter hyperintensities in progranulin-associated frontotemporal dementia: A longitudinal GENFI study. <i>NeuroImage: Clinical</i> , 2019, 24, 102077.	1.4	27
58	GAS: A genetic atlas selection strategy in multi-atlas segmentation framework. <i>Medical Image Analysis</i> , 2019, 52, 97-108.	7.0	18
59	Training recurrent neural networks robust to incomplete data: Application to Alzheimer's disease progression modeling. <i>Medical Image Analysis</i> , 2019, 53, 39-46.	7.0	79
60	Privacy-Preserving Federated Brain Tumour Segmentation. <i>Lecture Notes in Computer Science</i> , 2019, , 133-141.	1.0	219
61	Physics-Informed Brain MRI Segmentation. <i>Lecture Notes in Computer Science</i> , 2019, , 100-109.	1.0	9
62	Improved MR to CT Synthesis for PET/MR Attenuation Correction Using Imitation Learning. <i>Lecture Notes in Computer Science</i> , 2019, , 13-21.	1.0	9
63	Multi-domain Adaptation in Brain MRI Through Paired Consistency and Adversarial Learning. <i>Lecture Notes in Computer Science</i> , 2019, 2019, 54-62.	1.0	22
64	On the Initialization of Long Short-Term Memory Networks. <i>Lecture Notes in Computer Science</i> , 2019, , 275-286.	1.0	5
65	As Easy as 1, 2...4? Uncertainty in Counting Tasks for Medical Imaging. <i>Lecture Notes in Computer Science</i> , 2019, 2019, 356-364.	1.0	5
66	Thalamic atrophy in frontotemporal dementia – Not just a C9orf72 problem. <i>NeuroImage: Clinical</i> , 2018, 18, 675-681.	1.4	53
67	White matter hyperintensities and vascular risk factors in monozygotic twins. <i>Neurobiology of Aging</i> , 2018, 66, 40-48.	1.5	20
68	NiftyNet: a deep-learning platform for medical imaging. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 158, 113-122.	2.6	407
69	Structural and effective connectivity in focal epilepsy. <i>NeuroImage: Clinical</i> , 2018, 17, 943-952.	1.4	41
70	Deep gray matter volume loss drives disability worsening in multiple sclerosis. <i>Annals of Neurology</i> , 2018, 83, 210-222.	2.8	295
71	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
72	Volumetric reconstruction from printed films: Enabling 30 year longitudinal analysis in MR neuroimaging. <i>NeuroImage</i> , 2018, 165, 238-250.	2.1	11

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73	Patterns of progressive atrophy vary with age in Alzheimer's disease patients. <i>Neurobiology of Aging</i> , 2018, 63, 22-32.	1.5	31
74	O3â€13â€01: PATTERNS OF GLUCOSE HYPOMETABOLISM, SUBCORTICAL ATROPHY AND WHITE MATTER HYPERINTENSITIES IN THE BEHAVIORAL VARIANT OF ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P1054.	0.4	0
75	P2â€438: 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
76	P2â€505: REGIONAL DISTRIBUTION OF WHITE MATTER HYPERINTENSITY CORRELATES WITH COGNITION IN THE ALFA COHORT. <i>Alzheimer's and Dementia</i> , 2018, 14, P925.	0.4	4
77	ICâ€Pâ€048: SAMPLE SIZE ESTIMATES FOR SECONDARY PREVENTION STUDIES USING REGIONAL ATROPHY RATES. <i>Alzheimer's and Dementia</i> , 2018, 14, P47.	0.4	0
78	ICâ€Pâ€165: 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
79	O2â€05â€01: 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
80	ICâ€Pâ€110: PATTERNS OF GLUCOSE HYPOMETABOLISM, SUBCORTICAL ATROPHY AND WHITE MATTER HYPERINTENSITIES IN THE BEHAVIORAL VARIANT OF ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P94.	0.4	0
81	P1â€410: SAMPLE SIZE ESTIMATES FOR SECONDARY PREVENTION STUDIES USING REGIONAL ATROPHY RATES. <i>Alzheimer's and Dementia</i> , 2018, 14, P461.	0.4	0
82	O2â€13â€03: REGIONAL DISTRIBUTION OF WHITE MATTER HYPERINTENSITIES RELATED TO ALZHEIMER'S DISEASE RISK FACTORS IN THE ALFA COHORT. <i>Alzheimer's and Dementia</i> , 2018, 14, P653.	0.4	0
83	Towards Safe Deep Learning: Accurately Quantifying Biomarker Uncertainty in Neural Network Predictions. <i>Lecture Notes in Computer Science</i> , 2018, , 691-699.	1.0	32
84	Thalamic Nuclei Segmentation Using Tractography, Population-Specific Priors and Local Fibre Orientation. <i>Lecture Notes in Computer Science</i> , 2018, , 383-391.	1.0	4
85	Cardiovascular Risk Factors and White Matter Hyperintensities: Difference in Susceptibility in South Asians Compared With Europeans. <i>Journal of the American Heart Association</i> , 2018, 7, e010533.	1.6	26
86	Uncovering the heterogeneity and temporal complexity of neurodegenerative diseases with Subtype and Stage Inference. <i>Nature Communications</i> , 2018, 9, 4273.	5.8	263
87	Clinical phenotype, atrophy, and small vessel disease in <i>APOE</i> μ 2 carriers with Alzheimer disease. <i>Neurology</i> , 2018, 91, e1851-e1859.	1.5	46
88	Progression of regional grey matter atrophy in multiple sclerosis. <i>Brain</i> , 2018, 141, 1665-1677.	3.7	269
89	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
90	Pathological correlates of white matter hyperintensities in a case of progranulin mutation associated frontotemporal dementia. <i>Neurocase</i> , 2018, 24, 166-174.	0.2	40

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91	Geometric and dosimetric evaluations of atlas-based segmentation methods of MR images in the head and neck region. <i>Physics in Medicine and Biology</i> , 2018, 63, 145007.	1.6	28
92	Deep Boosted Regression for MR to CT Synthesis. <i>Lecture Notes in Computer Science</i> , 2018, , 61-70.	1.0	7
93	PIMMS: Permutation Invariant Multi-modal Segmentation. <i>Lecture Notes in Computer Science</i> , 2018, , 201-209.	1.0	12
94	Uncertainty in Multitask Learning: Joint Representations for Probabilistic MR-only Radiotherapy Planning. <i>Lecture Notes in Computer Science</i> , 2018, , 3-11.	1.0	25
95	Imaging biomarkers for the diagnosis of Prion disease. , 2018, , .		0
96	APOE ϵ 4 status is associated with white matter hyperintensities volume accumulation rate independent of AD diagnosis. <i>Neurobiology of Aging</i> , 2017, 53, 67-75.	1.5	44
97	Longitudinal segmentation of age-related white matter hyperintensities. <i>Medical Image Analysis</i> , 2017, 38, 50-64.	7.0	30
98	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
99	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
100	Real-time imaging of single neuronal cell apoptosis in patients with glaucoma. <i>Brain</i> , 2017, 140, 1757-1767.	3.7	100
101	Effect of high-dose simvastatin on cognitive, neuropsychiatric, and health-related quality-of-life measures in secondary progressive multiple sclerosis: secondary analyses from the MS-STAT randomised, placebo-controlled trial. <i>Lancet Neurology</i> , The, 2017, 16, 591-600.	4.9	95
102	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
103	A Comparison of Accelerated and Non-accelerated MRI Scans for Brain Volume and Boundary Shift Integral Measures of Volume Change: Evidence from the ADNI Dataset. <i>Neuroinformatics</i> , 2017, 15, 215-226.	1.5	14
104	Iterative framework for the joint segmentation and CT synthesis of MR images: application to MRI-only radiotherapy treatment planning. <i>Physics in Medicine and Biology</i> , 2017, 62, 4237-4253.	1.6	32
105	A multi-centre evaluation of eleven clinically feasible brain PET/MRI attenuation correction techniques using a large cohort of patients. <i>NeuroImage</i> , 2017, 147, 346-359.	2.1	200
106	White matter hyperintensities are associated with disproportionate progressive hippocampal atrophy. <i>Hippocampus</i> , 2017, 27, 249-262.	0.9	62
107	Automated T2 relaxometry of the hippocampus for temporal lobe epilepsy. <i>Epilepsia</i> , 2017, 58, 1645-1652.	2.6	43
108	[ICaPa004]: 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

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109	Study protocol: Insight 46 – a neuroscience sub-study of the MRC National Survey of Health and Development. BMC Neurology, 2017, 17, 75.	0.8	64
110	[P2 – 418]: METHODOLOGICAL AND LOGISTIC STRATEGIES FOR A LARGE MULTI-CENTER – AMYLOID PET EUROPEAN PROJECT: AMYLOID IMAGING TO PREVENT ALZHEIMER'S DISEASE (AMPAD). Alzheimer's and Dementia, 2017, 13, P794.	0.4	0
111	[P2 – 545]: VASCULAR AND EARLY LIFE INFLUENCES ON CEREBROVASCULAR DISEASE IN INSIGHT 46: A SUB-STUDY OF THE MRC NATIONAL SURVEY OF HEALTH AND DEVELOPMENT (NSHD) BRITISH BIRTH COHORT. Alzheimer's and Dementia, 2017, 13, P851.	0.4	0
112	[P3 – 348]: EXPLORING THE POPULATION PREVALENCE OF – AMYLOID BURDEN: AN ANALYSIS OF 250 INDIVIDUALS BORN IN MAINLAND BRITAIN IN THE SAME WEEK IN 1946. Alzheimer's and Dementia, 2017, 13, P1088.	0.4	0
113	[P3 – 373]: A COMPARISON OF TECHNIQUES FOR QUANTIFYING AMYLOID BURDEN ON A COMBINED PET/MR SCANNER. Alzheimer's and Dementia, 2017, 13, P1100.	0.4	0
114	[P3 – 401]: EARLY DIAGNOSIS OF ALZHEIMER'S DISEASE USING SUBJECT-SPECIFIC MODELS OF FDG-PET DATA. Alzheimer's and Dementia, 2017, 13, P1117.	0.4	0
115	[IC – P – 065]: WHITE MATTER HYPERINTENSITIES AND VASCULAR RISK FACTORS IN COGNITIVELY HEALTHY ELDERLY MONOZYGOTIC TWIN PAIRS. Alzheimer's and Dementia, 2017, 13, P53.	0.4	0
116	[IC – 03 – 04]: WHITE MATTER HYPERINTENSITIES IN GENETIC FRONTOTEMPORAL DEMENTIA: A GENFI STUDY. Alzheimer's and Dementia, 2017, 13, P9.	0.4	0
117	[P1 – 411]: WHITE MATTER HYPERINTENSITIES AND VASCULAR RISK FACTORS IN COGNITIVELY HEALTHY ELDERLY MONOZYGOTIC TWIN PAIRS. Alzheimer's and Dementia, 2017, 13, P433.	0.4	0
118	[P1 – 465]: PROGRESSIVE CALLOSAL ATROPHY WITH STABLE MEMORY IMPAIRMENT IN FAMILIAL BRITISH DEMENTIA. Alzheimer's and Dementia, 2017, 13, P465.	0.4	0
119	[O3 – 10 – 04]: SIMULTANEOUS CHANGES IN BLOOD PRESSURE, COGNITION AND BRAIN VOLUME IN AGEING, MILD COGNITIVE IMPAIRMENT AND ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2017, 13, P924.	0.4	0
120	[O5 – 05 – 04]: BRAIN VOLUME, CEREBRAL – 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
121	[P4 – 524]: WHITE MATTER HYPERINTENSITIES ARE ASSOCIATED WITH HIPPOCAMPAL ATROPHY RATES AFTER ADJUSTING FOR OTHER VASCULAR MARKERS IN PREDEMENTIA DISEASE STAGES. Alzheimer's and Dementia, 2017, 13, P1547.	0.4	0
122	[IC – P – 087]: SIMULTANEOUS CHANGES IN BLOOD PRESSURE, COGNITION AND BRAIN VOLUME IN AGEING, MILD COGNITIVE IMPAIRMENT AND ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2017, 13, P70.	0.4	0
123	Comparison of In Vivo and Ex Vivo MRI for the Detection of Structural Abnormalities in a Mouse Model of Tauopathy. Frontiers in Neuroinformatics, 2017, 11, 20.	1.3	37
124	On the Compactness, Efficiency, and Representation of 3D Convolutional Networks: Brain Parcellation as a Pretext Task. Lecture Notes in Computer Science, 2017, , 348-360.	1.0	202
125	Longitudinal development in the preterm thalamus and posterior white matter: MRI correlations between diffusion weighted imaging and T2 relaxometry. Human Brain Mapping, 2016, 37, 2479-2492.	1.9	27
126	Relationship of grey and white matter abnormalities with distance from the surface of the brain in multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 1212-1217.	0.9	53

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127	Acceleration of hippocampal atrophy rates in asymptomatic amyloidosis. <i>Neurobiology of Aging</i> , 2016, 39, 99-107.	1.5	34
128	Neurofilament light chain: a biomarker for genetic frontotemporal dementia. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 623-636.	1.7	207
129	Serum neurofilament light chain protein is a measure of disease intensity in frontotemporal dementia. <i>Neurology</i> , 2016, 87, 1329-1336.	1.5	354
130	aMAP is a validated pipeline for registration and segmentation of high-resolution mouse brain data. <i>Nature Communications</i> , 2016, 7, 11879.	5.8	85
131	Joint Segmentation and CT Synthesis for MRI-only Radiotherapy Treatment Planning. <i>Lecture Notes in Computer Science</i> , 2016, , 547-555.	1.0	3
132	Fully automated grey and white matter spinal cord segmentation. <i>Scientific Reports</i> , 2016, 6, 36151.	1.6	34
133	Longitudinal in vivo MRI in a Huntington's disease mouse model: Global atrophy in the absence of white matter microstructural damage. <i>Scientific Reports</i> , 2016, 6, 32423.	1.6	26
134	Multimodal Image Analysis in Alzheimer's Disease via Statistical Modelling of Non-local Intensity Correlations. <i>Scientific Reports</i> , 2016, 6, 22161.	1.6	18
135	A novel use of arterial spin labelling MRI to demonstrate focal hypoperfusion in individuals with posterior cortical atrophy: a multimodal imaging study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 1032-1034.	0.9	9
136	The habenula: an under-recognised area of importance in frontotemporal dementia?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 910-912.	0.9	14
137	Patterns of regional cerebellar atrophy in genetic frontotemporal dementia. <i>NeuroImage: Clinical</i> , 2016, 11, 287-290.	1.4	54
138	Multi-Atlas-Based Attenuation Correction for Brain 18F-FDG PET Imaging Using a Time-of-Flight PET/MR Scanner: Comparison with Clinical Single-Atlas and CT-Based Attenuation Correction. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1258-1264.	2.8	29
139	Beyond the Resolution Limit: Diffusion Parameter Estimation in Partial Volume. <i>Lecture Notes in Computer Science</i> , 2016, , 605-612.	1.0	2
140	Fully-Automated $\hat{1}/4$ MRI Morphometric Phenotyping of the Tc1 Mouse Model of Down Syndrome. <i>PLoS ONE</i> , 2016, 11, e0162974.	1.1	19
141	Differential hippocampal shapes in posterior cortical atrophy patients: A comparison with control and typical <sc>AD</sc> subjects. <i>Human Brain Mapping</i> , 2015, 36, 5123-5136.	1.9	19
142	Establishment of an open database of realistic simulated data for evaluation of partial volume correction techniques in brain PET/MR. <i>EJNMMI Physics</i> , 2015, 2, A44.	1.3	1
143	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.	1.2	16
144	Geodesic Information Flows: Spatially-Variant Graphs and Their Application to Segmentation and Fusion. <i>IEEE Transactions on Medical Imaging</i> , 2015, 34, 1976-1988.	5.4	265

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145	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> , 2015, 14, 253-262.	4.9	432
146	Multi-contrast attenuation map synthesis for PET/MR scanners: assessment on FDG and Florbetapir PET tracers. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1447-1458.	3.3	35
147	Longitudinal measurement of the developing grey matter in preterm subjects using multi-modal MRI. <i>NeuroImage</i> , 2015, 111, 580-589.	2.1	68
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