Carole H Sudre

List of Publications by Year
in descending order

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163	13,010	125106 35	37326 100
papers	citations	h-index	g-index

204	204	204	21479
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neuroimaging correlates of brain injury in Wilsonâ€™s disease: a multimodal, whole-brain MRI study. Brain, 2022, 145, 263-275.	3.7	16
2	Risk factors and disease profile of post-vaccination SARS-CoV-2 infection in UK users of the COVID Symptom Study app: a prospective, community-based, nested, case-control study. Lancet Infectious Diseases, The, 2022, 22, 43-55.	4.6	573
3	Individual Factors Including Age, BMI, and Heritable Factors Underlie Temperature Variation in Sickness and in Health: An Observational, Multi-cohort Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 1890-1897.	1.7	2
4	Knowledge barriers in a national symptomatic-COVID-19 testing programme. PLOS Global Public Health, 2022, 2, e0000028.	0.5	11
5	Circulating Metabolome and White Matter Hyperintensities in Women and Men. Circulation, 2022, 145, 1040-1052.	1.6	17
6	Self-reported COVID-19 vaccine hesitancy and uptake among participants from different racial and ethnic groups in the United States and United Kingdom. Nature Communications, 2022, 13, 636.	5.8	118
7	Decreased integrity of the monoaminergic tract is associated with a positive response to MPH in patients with vascular cognitive impairment - proof of principle study STREAM-VCI. Cerebral Circulation - Cognition and Behavior, 2022, 3, 100128.	0.4	0
8	Symptom prevalence, duration, and risk of hospital admission in individuals infected with SARS-CoV-2 during periods of omicron and delta variant dominance: a prospective observational study from the ZOE COVID Study. Lancet, The, 2022, 399, 1618-1624.	6.3	547
9	App-based COVID-19 syndromic surveillance and prediction of hospital admissions in COVID Symptom Study Sweden. Nature Communications, 2022, 13, 2110.	5.8	17
10	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
11	Distinct clinical symptom patterns in patients hospitalised with COVID-19 in an analysis of 59,011 patients in the ISARIC-4C study. Scientific Reports, 2022, 12, 6843.	1.6	12
12	Illness Characteristics of COVID-19 in Children Infected with the SARS-CoV-2 Delta Variant. Children, 2022, 9, 652.	0.6	28
13	Association between carotid atherosclerosis and brain activation patterns during the Stroop task in older adults: An fNIRS investigation. NeuroImage, 2022, 257, 119302.	2.1	3
14	Regional associations of white matter hyperintensities and early cortical amyloid pathology. Brain Communications, 2022, 4, .	1.5	9
15	The Open-Access European Prevention of Alzheimerâ€™s Dementia (EPAD) MRI dataset and processing workflow. NeuroImage: Clinical, 2022, 35, 103106.	1.4	9
16	Post-vaccination infection rates and modification of COVID-19 symptoms in vaccinated UK school-aged children and adolescents: A prospective longitudinal cohort study. Lancet Regional Health - Europe, The, 2022, 19, 100429.	3.0	15
17	What Determines Cognitive Functioning in the Oldest-Old? The EMIF-AD 90+ Study. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2021, 76, 1499-1511.	2.4	14
18	Probable delirium is a presenting symptom of COVID-19 in frail, older adults: a cohort study of 322 hospitalised and 535 community-based older adults. Age and Ageing, 2021, 50, 40-48.	0.7	82

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19	Cancer and Risk of COVID-19 Through a General Community Survey. Oncologist, 2021, 26, e182-e185.	1.9	61
20	The age-dependent associations of white matter hyperintensities and neurofilament light in early- and late-stage Alzheimer's disease. Neurobiology of Aging, 2021, 97, 10-17.	1.5	18
21	Late onset depression: dopaminergic deficit and clinical features of prodromal Parkinsonâ€™s disease: a cross-sectional study. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 158-164.	0.9	29
22	The impact of demographic, clinical, genetic, and imaging variables on tau PET status. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2245-2258.	3.3	27
23	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
24	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
25	White matter microstructure disruption in early stage amyloid pathology. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12124.	1.2	16
26	Distinguishing Healthy Ageing fromÂDementia: A Biomechanical Simulation ofÂBrain Atrophy Using Deep Networks. Lecture Notes in Computer Science, 2021, , 13-22.	1.0	0
27	Investigating the Relationship Between IGF-I, IGF-II, and IGFBP-3 Concentrations and Later-Life Cognition and Brain Volume. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1617-1629.	1.8	8
28	Lesion-wise evaluation for effective performance monitoring of small object segmentation. , 2021, , .		0
29	Symptom clusters in COVID-19: A potential clinical prediction tool from the COVID Symptom Study app. Science Advances, 2021, 7, .	4.7	115
30	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
31	Symptoms and syndromes associated with SARS-CoV-2 infection and severity in pregnant women from two community cohorts. Scientific Reports, 2021, 11, 6928.	1.6	22
32	Attributes and predictors of long COVID. Nature Medicine, 2021, 27, 626-631.	15.2	1,613
33	Investigating the relationship between BMI across adulthood and late life brain pathologies. Alzheimer's Research and Therapy, 2021, 13, 91.	3.0	7
34	Cortical involvement determines impairment 30 years after a clinically isolated syndrome. Brain, 2021, 144, 1384-1395.	3.7	24
35	Modest effects of dietary supplements during the COVID-19 pandemic: insights from 445 850 users of the COVID-19 Symptom Study app. BMJ Nutrition, Prevention and Health, 2021, 4, 149-157.	1.9	91
36	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

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37	Changes in symptomatology, reinfection, and transmissibility associated with the SARS-CoV-2 variant B.1.1.7: an ecological study. Lancet Public Health, The, 2021, 6, e335-e345.	4.7	269
38	NMJ-Analyser identifies subtle early changes in mouse models of neuromuscular disease. Scientific Reports, 2021, 11, 12251.	1.6	12
39	Vaccine side-effects and SARS-CoV-2 infection after vaccination in users of the COVID Symptom Study app in the UK: a prospective observational study. Lancet Infectious Diseases, The, 2021, 21, 939-949.	4.6	744
40	Race, ethnicity, community-level socioeconomic factors, and risk of COVID-19 in the United States and the United Kingdom. EClinicalMedicine, 2021, 38, 101029.	3.2	48
41	Anxiety and depression symptoms after COVID-19 infection: results from the COVID Symptom Study app. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 1254-1258.	0.9	44
42	Diet quality and risk and severity of COVID-19: a prospective cohort study. Gut, 2021, 70, 2096-2104.	6.1	130
43	Automatic Extraction of Hiatal Dimensions in 3-D Transperineal Pelvic Ultrasound Recordings. Ultrasound in Medicine and Biology, 2021, 47, 3470-3479.	0.7	6
44	Early detection of COVID-19 in the UK using self-reported symptoms: a large-scale, prospective, epidemiological surveillance study. The Lancet Digital Health, 2021, 3, e587-e598.	5.9	60
45	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
46	Anosmia, ageusia, and other COVID-19-like symptoms in association with a positive SARS-CoV-2 test, across six national digital surveillance platforms: an observational study. The Lancet Digital Health, 2021, 3, e577-e586.	5.9	51
47	Illness duration and symptom profile in symptomatic UK school-aged children tested for SARS-CoV-2. The Lancet Child and Adolescent Health, 2021, 5, 708-718.	2.7	304
48	Visuomotor integration deficits are common to familial and sporadic preclinical Alzheimerâ€™s disease. Brain Communications, 2021, 3, fcab003.	1.5	8
49	Detecting COVID-19 infection hotspots in England using large-scale self-reported data from a mobile application: a prospective, observational study. Lancet Public Health, The, 2021, 6, e21-e29.	4.7	72
50	Geo-social gradients in predicted COVID-19 prevalence in Great Britain: results from 1 960 242 users of the COVID-19 Symptoms Study app. Thorax, 2021, 76, 723-725.	2.7	12
51	Dissociable effects of APOE Îµ4 and Î²-amyloid pathology on visual working memory. Nature Aging, 2021, 1, 1002-1009.	5.3	16
52	Presumed small vessel disease, imaging and cognition markers in the Alzheimerâ€™s Disease Neuroimaging Initiative. Brain Communications, 2021, 3, fcab226.	1.5	2
53	Losartan to slow the progression of mild-to-moderate Alzheimerâ€™s disease through angiotensin targeting: the RADAR RCT. Efficacy and Mechanism Evaluation, 2021, 8, 1-72.	0.9	3
54	Accessible data curation and analytics for international-scale citizen science datasets. Scientific Data, 2021, 8, 297.	2.4	18

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55	What do dataâ€driven Alzheimerâ€™s disease subtypes tell us about white matter pathology and clinical progression?. Alzheimer's and Dementia, 2021, 17, .	0.4	1
56	Baseline MRI and CSF measurements in cognitively normal individuals as prognostic markers of progression to mild cognitive impairment. Alzheimer's and Dementia, 2021, 17, .	0.4	0
57	Beyond WMH volume: Coalescence score as a new measure of cerebral smallâ€vessel disease pattern. Alzheimer's and Dementia, 2021, 17, .	0.4	1
58	Neuroimagingâ€derived phenotypes in the European Prevention of Alzheimer Dementia (EPAD) Cohort Study. Alzheimer's and Dementia, 2021, 17, .	0.4	0
59	Diet and lifestyle behaviour disruption related to the pandemic was varied and bidirectional among US and UK adults participating in the ZOE COVID Study. Nature Food, 2021, 2, 957-969.	6.2	18
60	Do polygenic scores of cerebral small vessel disease MRI markers predict white matter lesions?. Alzheimer's and Dementia, 2021, 17, .	0.4	0
61	Disentangling post-vaccination symptoms from early COVID-19. EClinicalMedicine, 2021, 42, 101212.	3.2	8
62	Periventricular magnetisation transfer ratio abnormalities in multiple sclerosis improve after alemtuzumab. Multiple Sclerosis Journal, 2020, 26, 1093-1101.	1.4	6
63	Magnetisation transfer ratio abnormalities in primary and secondary progressive multiple sclerosis. Multiple Sclerosis Journal, 2020, 26, 679-687.	1.4	11
64	Associations of Brain Pathology Cognitive and Physical Markers With Age in Cognitively Normal Individuals Aged 60â€“102 Years. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1609-1617.	1.7	7
65	Patterns of white matter hyperintensities associated with cognition in middle-aged cognitively healthy individuals. Brain Imaging and Behavior, 2020, 14, 2012-2023.	1.1	40
66	Single-subject structural cortical networks in clinically isolated syndrome. Multiple Sclerosis Journal, 2020, 26, 1392-1401.	1.4	10
67	Distinct tau PET patterns in atrophyâ€defined subtypes of Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, 335-344.	0.4	73
68	Associations Between Vascular Risk Across Adulthood and Brain Pathology in Late Life. JAMA Neurology, 2020, 77, 175.	4.5	55
69	Imaging biomarkers in Alzheimer's disease. , 2020, , 343-378.		1
70	White matter hyperintensities mediate gray matter volume and processing speed relationship in cognitively unimpaired participants. Human Brain Mapping, 2020, 41, 1309-1322.	1.9	27
71	Comorbid amyloidâ€Î²2 pathology affects clinical and imaging features in VCD. Alzheimer's and Dementia, 2020, 16, 354-364.	0.4	6
72	Investigating the clinico-anatomical dissociation in the behavioral variant of Alzheimer disease. Alzheimer's Research and Therapy, 2020, 12, 148.	3.0	17

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73	Widespread smell testing for COVID-19 has limited application â€“ Authors' reply. Lancet, The, 2020, 396, 1630-1631.	6.3	4
74	Risk of COVID-19 among front-line health-care workers and the general community: a prospective cohort study. Lancet Public Health, The, 2020, 5, e475-e483.	4.7	1,595
75	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
76	Plasma phosphoâ€tau181 in over 400 cognitively healthy 69â€to 71â€yearâ€olds: Associations with cerebral amyloid, structural imaging and cognition in the Insight 46 study. Alzheimer's and Dementia, 2020, 16, e037848.	0.4	0
77	Vascular risk factors and amyloid pathology: Additive or interactive associations?. Alzheimer's and Dementia, 2020, 16, e037922.	0.4	0
78	White matter hyperintensity increases are a feature of familial AD and are associated with increased brain atrophy. Alzheimer's and Dementia, 2020, 16, e038925.	0.4	0
79	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
80	ExploreQC: A toolbox for MRI quality control in the EPAD multicentre study. Alzheimer's and Dementia, 2020, 16, e041952.	0.4	0
81	Cerebral amyloid and white matter hyperintensity volume are independently associated with rates of cerebral atrophy in Insight 46, a subâ€study of the 1946 British birth cohort. Alzheimer's and Dementia, 2020, 16, e044924.	0.4	0
82	Midâ€life blood pressure and microstructural white matter: Findings from the 1946 British birth cohort. Alzheimer's and Dementia, 2020, 16, e045707.	0.4	0
83	Rapid implementation of mobile technology for real-time epidemiology of COVID-19. Science, 2020, 368, 1362-1367.	6.0	313
84	Real-time tracking of self-reported symptoms to predict potential COVID-19. Nature Medicine, 2020, 26, 1037-1040.	15.2	1,173
85	Quantifying additional COVID-19 symptoms will save lives. Lancet, The, 2020, 395, e107-e108.	6.3	87
86	A k-Space Model of Movement Artefacts: Application to Segmentation Augmentation and Artefact Removal. IEEE Transactions on Medical Imaging, 2020, 39, 2881-2892.	5.4	20
87	Machine learning assisted DSC-MRI radiomics as a tool for glioma classification by grade and mutation status. BMC Medical Informatics and Decision Making, 2020, 20, 149.	1.5	38
88	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
89	The relation between APOE genotype and cerebral microbleeds in cognitively unimpaired middle- and old-aged individuals. Neurobiology of Aging, 2020, 95, 104-114.	1.5	15
90	Assessment of Demographic, Genetic, and Imaging Variables Associated With Brain Resilience and Cognitive Resilience to Pathological Tau in Patients With Alzheimer Disease. JAMA Neurology, 2020, 77, 632.	4.5	80

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91	Automated White Matter Hyperintensity Segmentation Using Bayesian Model Selection: Assessment and Correlations with Cognitive Change. Neuroinformatics, 2020, 18, 429-449.	1.5	14
92	Pure tone audiometry and cerebral pathology in healthy older adults. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 172-176.	0.9	16
93	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
94	CSF amyloid is a consistent predictor of white matter hyperintensities across the disease course from aging to Alzheimer's disease. Neurobiology of Aging, 2020, 91, 5-14.	1.5	30
95	Effects of Environmental Factors on Severity and Mortality of COVID-19. Frontiers in Medicine, 2020, 7, 607786.	1.2	40
96	Test-Time Unsupervised Domain Adaptation. Lecture Notes in Computer Science, 2020, , 428-436.	1.0	22
97	Automatic C-Plane Detection in Pelvic Floor Transperineal Volumetric Ultrasound. Lecture Notes in Computer Science, 2020, , 136-145.	1.0	3
98	Hierarchical Brain Parcellation with Uncertainty. Lecture Notes in Computer Science, 2020, , 23-31.	1.0	4
99	Self-Reported Symptoms of COVID-19, Including Symptoms Most Predictive of SARS-CoV-2 Infection, Are Heritable. Twin Research and Human Genetics, 2020, 23, 316-321.	0.3	57
100	Combined structural and perfusion MRI enhanced by machine learning may outperform standalone modalities and radiological expertise in high-grade glioma surveillance: A proof-of-concept study.. Journal of Clinical Oncology, 2020, 38, e14528-e14528.	0.8	0
101	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
102	The quantitative neuroradiology initiative framework: application to dementia. British Journal of Radiology, 2019, 92, 20190365.	1.0	32
103	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
104	Prion disease diagnosis using subject-specific imaging biomarkers within a multi-kernel Gaussian process. NeuroImage: Clinical, 2019, 24, 102051.	1.4	7
105	Cognition at age 70. Neurology, 2019, 93, e2144-e2156.	1.5	37
106	Spatial patterns of white matter hyperintensities associated with Alzheimerâ€™s disease risk factors in a cognitively healthy middle-aged cohort. Alzheimer's Research and Therapy, 2019, 11, 12.	3.0	46
107	Magnetic Resonance Imaging of Cerebral Small Vessel Disease in Men Living with HIV and HIV-Negative Men Aged 50 and Above. AIDS Research and Human Retroviruses, 2019, 35, 453-460.	0.5	13
108	High-dimensional detection of imaging response to treatment in multiple sclerosis. Npj Digital Medicine, 2019, 2, 49.	5.7	12

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109	Applying causal models to explore the mechanism of action of simvastatin in progressive multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11020-11027.	3.3	28
110	The Meta VCI Map consortium for metaâ€analyses on strategic lesion locations for vascular cognitive impairment using lesionâ€symptom mapping: Design and multicenter pilot study. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 310-326.	1.2	26
111	Standardized Assessment of Automatic Segmentation of White Matter Hyperintensities and Results of the WMH Segmentation Challenge. IEEE Transactions on Medical Imaging, 2019, 38, 2556-2568.	5.4	165
112	Cortical cerebral blood flow in ageing: effects of haematocrit, sex, ethnicity and diabetes. European Radiology, 2019, 29, 5549-5558.	2.3	22
113	P4â€590: DEEP OCCIPITAL WHITE MATTER HYPERINTENSITIES ARE ROBUSTLY RELATED TO AMYLOID PATHOLOGY AND MAY BE AN EARLY MARKER FOR ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2019, 15, P1548.	0.4	0
114	O4â€13â€01: EARLY ADULTHOOD VASCULAR RISK STRONGLY PREDICTS BRAIN VOLUMES AND WHITE MATTER DISEASE, BUT NOT AMYLOID STATUS, AT AGE 69â€“71 YEARS: EVIDENCE FROM A BRITISH BIRTH COHORT. Alzheimer's and Dementia, 2019, 15, P1269.	0.4	0
115	ICâ€Pâ€052: INCREASED GENETIC CARDIOVASCULAR RISK ACCELERATES BRAIN ATROPHY. Alzheimer's and Dementia, 2019, 15, P53.	0.4	0
116	ICâ€Pâ€097: DIFFERENTIATING THE BEHAVIOURAL VARIANT OF ALZHEIMER'S DISEASE FROM BEHAVIOURAL VARIANT FRONTOTEMPORAL DEMENTIA AND TYPICAL ALZHEIMER'S DISEASE: THE VALUE OF NEUROIMAGING. Alzheimer's and Dementia, 2019, 15, P84.	0.4	0
117	White matter hyperintensities in progranulin-associated frontotemporal dementia: A longitudinal GENFI study. NeuroImage: Clinical, 2019, 24, 102077.	1.4	27
118	Letâ€™s Agree to Disagree: Learning Highly Debatable Multirater Labelling. Lecture Notes in Computer Science, 2019, , 665-673.	1.0	6
119	Physics-Informed Brain MRI Segmentation. Lecture Notes in Computer Science, 2019, , 100-109.	1.0	9
120	Multi-domain Adaptation in Brain MRI Through Paired Consistency and Adversarial Learning. Lecture Notes in Computer Science, 2019, 2019, 54-62.	1.0	22
121	Decision making in surveillance of high-grade gliomas using perfusion MRI as adjunct to conventional MRI and artificial intelligence.. Journal of Clinical Oncology, 2019, 37, 2054-2054.	0.8	1
122	Title is missing!. , 2019, 14, e0224030.		0
123	Title is missing!. , 2019, 14, e0224030.		0
124	Title is missing!. , 2019, 14, e0224030.		0
125	Title is missing!. , 2019, 14, e0224030.		0
126	White matter hyperintensities and vascular risk factors in monozygotic twins. Neurobiology of Aging, 2018, 66, 40-48.	1.5	20

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127	NiftyNet: a deep-learning platform for medical imaging. Computer Methods and Programs in Biomedicine, 2018, 158, 113-122.	2.6	407
128	Bullseye's representation of cerebral white matter hyperintensities. Journal of Neuroradiology, 2018, 45, 114-122.	0.6	25
129	O3â€13â€01: PATTERNS OF GLUCOSE HYPOMETABOLISM, SUBCORTICAL ATROPHY AND WHITE MATTER HYPERINTENSITIES IN THE BEHAVIORAL VARIANT OF ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P1054.	0.4	0
130	P2â€505: REGIONAL DISTRIBUTION OF WHITE MATTER HYPERINTENSITY CORRELATES WITH COGNITION IN THE ALFA COHORT. Alzheimer's and Dementia, 2018, 14, P925.	0.4	4
131	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
132	ICâ€Pâ€110: PATTERNS OF GLUCOSE HYPOMETABOLISM, SUBCORTICAL ATROPHY AND WHITE MATTER HYPERINTENSITIES IN THE BEHAVIORAL VARIANT OF ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P94.	0.4	0
133	O2â€13â€03: REGIONAL DISTRIBUTION OF WHITE MATTER HYPERINTENSITIES RELATED TO ALZHEIMER'S DISEASE RISK FACTORS IN THE ALFA COHORT. Alzheimer's and Dementia, 2018, 14, P653.	0.4	0
134	Thalamic Nuclei Segmentation Using Tractography, Population-Specific Priors and Local Fibre Orientation. Lecture Notes in Computer Science, 2018, , 383-391.	1.0	4
135	Cardiovascular Risk Factors and White Matter Hyperintensities: Difference in Susceptibility in South Asians Compared With Europeans. Journal of the American Heart Association, 2018, 7, e010533.	1.6	26
136	Retinal and Cerebral Microvasculopathy: Relationships and Their Genetic Contributions. , 2018, 59, 5025.		15
137	Clinical phenotype, atrophy, and small vessel disease in APOE Îµ2 carriers with Alzheimer disease. Neurology, 2018, 91, e1851-e1859.	1.5	46
138	Pathological correlates of white matter hyperintensities in a case of progranulin mutation associated frontotemporal dementia. Neurocase, 2018, 24, 166-174.	0.2	40
139	PIMMS: Permutation Invariant Multi-modal Segmentation. Lecture Notes in Computer Science, 2018, , 201-209.	1.0	12
140	Imaging biomarkers for the diagnosis of Prion disease. , 2018, , .		0
141	The role of dynamic susceptibility contrast perfusion- weighted MRI in the estimation of IDH mutation in gliomas.. Journal of Clinical Oncology, 2018, 36, 12063-12063.	0.8	1
142	Non-invasive in vivo prediction of tumour grade and IDH mutation status in gliomas using dynamic susceptibility contrast (DSC) perfusion- and diffusion-weighted MRI.. Journal of Clinical Oncology, 2018, 36, e24173-e24173.	0.8	1
143	Longitudinal multiple sclerosis lesion segmentation: Resource and challenge. NeuroImage, 2017, 148, 77-102.	2.1	215
144	APOE Îµ4 status is associated with white matter hyperintensities volume accumulation rate independent of AD diagnosis. Neurobiology of Aging, 2017, 53, 67-75.	1.5	44

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145	Longitudinal segmentation of age-related white matter hyperintensities. Medical Image Analysis, 2017, 38, 50-64.	7.0	30
146	White matter hyperintensities are seen only in GRN mutation carriers in the GENFI cohort. NeuroImage: Clinical, 2017, 15, 171-180.	1.4	63
147	White matter hyperintensities are associated with disproportionate progressive hippocampal atrophy. Hippocampus, 2017, 27, 249-262.	0.9	62
148	[P2â€“441]: PATHOLOGICAL CORRELATES OF WHITE MATTER HYPERINTENSITIES ON CADAVERIC MRI IN PROGRANULINâ€ASSOCIATED FRONTOTEMPORAL DEMENTIA. Alzheimer's and Dementia, 2017, 13, P805.	0.4	0
149	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
150	[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. Alzheimer's and Dementia, 2017, 13, P851.	0.4	0
151	[ICâ€Pâ€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
152	[ICâ€03â€“04]: WHITE MATTER HYPERINTENSITIES IN GENETIC FRONTOTEMPORAL DEMENTIA: A GENFI STUDY. Alzheimer's and Dementia, 2017, 13, P9.	0.4	0
153	[P1â€“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
154	[P1â€“465]: PROGRESSIVE CALLOSAL ATROPHY WITH STABLE MEMORY IMPAIRMENT IN FAMILIAL BRITISH DEMENTIA. Alzheimer's and Dementia, 2017, 13, P465.	0.4	0
155	[P4â€“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
156	Generalised Dice Overlap as a Deep Learning Loss Function for Highly Unbalanced Segmentations. Lecture Notes in Computer Science, 2017, 2017, 240-248.	1.0	1,118
157	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
158	Bayesian Model Selection for Pathological Neuroimaging Data Applied to White Matter Lesion Segmentation. IEEE Transactions on Medical Imaging, 2015, 34, 2079-2102.	5.4	123
159	Template-Based Multimodal Joint Generative Model of Brain Data. Lecture Notes in Computer Science, 2015, 24, 17-29.	1.0	22
160	Bilayered anatomically constrained split-and-merge expectation maximisation algorithm (BiASM) for brain segmentation. , 2014, , .		0
161	Bayesian Model Selection for Pathological Data. Lecture Notes in Computer Science, 2014, 17, 323-330.	1.0	3
162	Real-time tracking of self-reported symptoms to predict potential COVID-19. , 0, .		1

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163	Neuroimaging Correlates of Cognitive Deficits in Wilson's Disease. Movement Disorders, 0, , .	2.2	7