

Alexander Hammers

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168
papers

10,703
citations

54
h-index

102
g-index

185
ext. papers

13,266
ext. citations

6.9
avg, IF

5.91
L-index

#	Paper	IF	Citations
168	In vivo imaging of microglial activation with [11C](R)-PK11195 PET in idiopathic Parkinson disease. <i>Neurobiology of Disease</i> , 2006 , 21, 404-12	7.5	806
167	Three-dimensional maximum probability atlas of the human brain, with particular reference to the temporal lobe. <i>Human Brain Mapping</i> , 2003 , 19, 224-47	5.9	797
166	Automatic anatomical brain MRI segmentation combining label propagation and decision fusion. <i>NeuroImage</i> , 2006 , 33, 115-26	7.9	684
165	Multi-atlas based segmentation of brain images: atlas selection and its effect on accuracy. <i>NeuroImage</i> , 2009 , 46, 726-38	7.9	666
164	Microglia, amyloid, and cognition in Alzheimer disease: An [11C](R)PK11195-PET and [11C]PIB-PET study. <i>Neurobiology of Disease</i> , 2008 , 32, 412-9	7.5	395
163	Random forest-based similarity measures for multi-modal classification of Alzheimer disease. <i>NeuroImage</i> , 2013 , 65, 167-75	7.9	286
162	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. <i>Lancet Infectious Diseases</i> , 2021 , 21, 939-949	25.5	284
161	Automatic segmentation of brain MRIs of 2-year-olds into 83 regions of interest. <i>NeuroImage</i> , 2008 , 40, 672-684	7.9	239
160	Reference and target region modeling of [11C]-(R)-PK11195 brain studies. <i>Journal of Nuclear Medicine</i> , 2007 , 48, 158-67	8.9	207
159	LEAP: learning embeddings for atlas propagation. <i>NeuroImage</i> , 2010 , 49, 1316-25	7.9	190
158	Glutamate NMDA receptor dysregulation in Parkinson disease with dyskinesias. <i>Brain</i> , 2011 , 134, 979-86	11.2	152
157	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	7.9	149
156	Automatic segmentation of the hippocampus and the amygdala driven by hybrid constraints: method and validation. <i>NeuroImage</i> , 2009 , 46, 749-61	7.9	147
155	Progressive neocortical damage in epilepsy. <i>Annals of Neurology</i> , 2003 , 53, 312-24	9.4	146
154	Changes in symptomatology, reinfection, and transmissibility associated with the SARS-CoV-2 variant B.1.1.7: an ecological study. <i>Lancet Public Health</i> , 2021 , 6, e335-e345	22.4	146
153	Diffeomorphic registration using B-splines. <i>Lecture Notes in Computer Science</i> , 2006 , 9, 702-9	0.9	142
152	Positron emission tomography partial volume correction: estimation and algorithms. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002 , 22, 1019-34	7.3	140

151	Improving intersubject image registration using tissue-class information benefits robustness and accuracy of multi-atlas based anatomical segmentation. <i>NeuroImage</i> , 2010 , 51, 221-7	7.9	139
150	Diagnostic accuracy of (18)F amyloid PET tracers for the diagnosis of Alzheimer's disease: a systematic review and meta-analysis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016 , 43, 374-385	8.8	136
149	Stroke following chiropractic manipulation of the cervical spine. <i>Journal of Neurology</i> , 1999 , 246, 683-8	5.5	132
148	Magnetic resonance imaging of the newborn brain: manual segmentation of labelled atlases in term-born and preterm infants. <i>NeuroImage</i> , 2012 , 62, 1499-509	7.9	119
147	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. <i>Lancet Infectious Diseases</i> , 2021 ,	25.5	115
146	Distinct cerebral lesions in sporadic and C90A5OD1 ALS: studies with [11C]flumazenil PET. <i>Brain</i> , 2005 , 128, 1323-9	11.2	114
145	The role of opioids in restless legs syndrome: an [11C]diprenorphine PET study. <i>Brain</i> , 2005 , 128, 906-17	11.2	114
144	Measurement of hippocampal atrophy using 4D graph-cut segmentation: application to ADNI. <i>NeuroImage</i> , 2010 , 52, 109-18	7.9	113
143	Robust whole-brain segmentation: application to traumatic brain injury. <i>Medical Image Analysis</i> , 2015 , 21, 40-58	15.4	106
142	Multi-region analysis of longitudinal FDG-PET for the classification of Alzheimer's disease. <i>NeuroImage</i> , 2012 , 60, 221-9	7.9	101
141	Automatic morphometry in Alzheimer's disease and mild cognitive impairment. <i>NeuroImage</i> , 2011 , 56, 2024-37	7.9	101
140	Pharmacoresistance in epilepsy: a pilot PET study with the P-glycoprotein substrate R-[(11)C]verapamil. <i>Epilepsia</i> , 2007 , 48, 1774-1784	6.4	101
139	SPM-based count normalization provides excellent discrimination of mild Alzheimer's disease and amnesic mild cognitive impairment from healthy aging. <i>NeuroImage</i> , 2009 , 44, 43-50	7.9	99
138	Illness duration and symptom profile in symptomatic UK school-aged children tested for SARS-CoV-2. <i>The Lancet Child and Adolescent Health</i> , 2021 , 5, 708-718	14.5	98
137	A robust method to estimate the intracranial volume across MRI field strengths (1.5T and 3T). <i>NeuroImage</i> , 2010 , 50, 1427-37	7.9	96
136	Upregulation of opioid receptor binding following spontaneous epileptic seizures. <i>Brain</i> , 2007 , 130, 1009-16	8.4	84
135	Volumes, spatial extents and a probabilistic atlas of the human basal ganglia and thalamus. <i>NeuroImage</i> , 2007 , 38, 261-70	7.9	84
134	Comorbidity between temporal lobe epilepsy and depression: a [18F]MPPF PET study. <i>Brain</i> , 2008 , 131, 2765-82	11.2	83

133	Automatic detection and quantification of hippocampal atrophy on MRI in temporal lobe epilepsy: a proof-of-principle study. <i>NeuroImage</i> , 2007 , 36, 38-47	7.9	83
132	Choice of reference area in studies of Alzheimer's disease using positron emission tomography with fluorodeoxyglucose-F18. <i>Psychiatry Research - Neuroimaging</i> , 2008 , 164, 143-53	2.9	80
131	[11C]-WAY100635 PET demonstrates marked 5-HT1A receptor changes in sporadic ALS. <i>Brain</i> , 2005 , 128, 896-905	11.2	79
130	Evidence of a smaller left hippocampus and left temporal horn in both patients with first episode schizophrenia and normal control subjects. <i>Psychiatry Research - Neuroimaging</i> , 2000 , 99, 93-110	2.9	78
129	Abnormalities of grey and white matter [11C]flumazenil binding in temporal lobe epilepsy with normal MRI. <i>Brain</i> , 2002 , 125, 2257-71	11.2	77
128	Identifying population differences in whole-brain structural networks: a machine learning approach. <i>NeuroImage</i> , 2010 , 50, 910-9	7.9	76
127	Implementation and application of a brain template for multiple volumes of interest. <i>Human Brain Mapping</i> , 2002 , 15, 165-74	5.9	73
126	Functional and structural synergy for resolution recovery and partial volume correction in brain PET. <i>NeuroImage</i> , 2009 , 44, 340-8	7.9	70
125	Grey and white matter flumazenil binding in neocortical epilepsy with normal MRI. A PET study of 44 patients. <i>Brain</i> , 2003 , 126, 1300-18	11.2	70
124	The value of magnetoencephalography for seizure-onset zone localization in magnetic resonance imaging-negative partial epilepsy. <i>Brain</i> , 2013 , 136, 3176-86	11.2	66
123	Diagnostic classification of arterial spin labeling and structural MRI in presenile early stage dementia. <i>Human Brain Mapping</i> , 2014 , 35, 4916-31	5.9	65
122	Magnetic resonance imaging of the newborn brain: automatic segmentation of brain images into 50 anatomical regions. <i>PLoS ONE</i> , 2013 , 8, e59990	3.7	65
121	Reproducibility of thalamic segmentation based on probabilistic tractography. <i>NeuroImage</i> , 2010 , 52, 69-85	7.9	62
120	Automatic segmentation of the brain and intracranial cerebrospinal fluid in T1-weighted volume MRI scans of the head, and its application to serial cerebral and intracranial volumetry. <i>Magnetic Resonance in Medicine</i> , 2003 , 49, 872-84	4.4	62
119	Evidence for endogenous opioid release in the amygdala during positive emotion. <i>NeuroImage</i> , 2009 , 44, 252-6	7.9	60
118	Initial evaluation of 18F-GE-179, a putative PET Tracer for activated N-methyl D-aspartate receptors. <i>Journal of Nuclear Medicine</i> , 2014 , 55, 423-30	8.9	58
117	Brain opioid receptor binding in early abstinence from alcohol dependence and relationship to craving: an [11C]diprenorphine PET study. <i>European Neuropsychopharmacology</i> , 2009 , 19, 740-8	1.2	58
116	Brain opioid receptor binding in early abstinence from opioid dependence: positron emission tomography study. <i>British Journal of Psychiatry</i> , 2007 , 191, 63-9	5.4	58

115	PET imaging of brain 5-HT1A receptors in the preoperative evaluation of temporal lobe epilepsy. <i>Brain</i> , 2008 , 131, 2751-64	11.2	54
114	Statistical neuroanatomy of the human inferior frontal gyrus and probabilistic atlas in a standard stereotaxic space. <i>Human Brain Mapping</i> , 2007 , 28, 34-48	5.9	53
113	Macroanatomy and 3D probabilistic atlas of the human insula. <i>NeuroImage</i> , 2017 , 150, 88-98	7.9	50
112	Classification and lateralization of temporal lobe epilepsies with and without hippocampal atrophy based on whole-brain automatic MRI segmentation. <i>PLoS ONE</i> , 2012 , 7, e33096	3.7	49
111	Tailored excitation in 3D with spiral nonselective (SPINS) RF pulses. <i>Magnetic Resonance in Medicine</i> , 2012 , 67, 1303-15	4.4	46
110	Neurological features of epilepsy, ataxia, sensorineural deafness, tubulopathy syndrome. <i>Developmental Medicine and Child Neurology</i> , 2013 , 55, 846-56	3.3	46
109	Central benzodiazepine receptors in malformations of cortical development: A quantitative study. <i>Brain</i> , 2001 , 124, 1555-65	11.2	42
108	Neuronal loss associated with cognitive performance in amyotrophic lateral sclerosis: an (11C)-flumazenil PET study. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2008 , 9, 43-9		41
107	Balancing bias, reliability, noise properties and the need for parametric maps in quantitative ligand PET: [(11)C]diprenorphine test-retest data. <i>NeuroImage</i> , 2007 , 38, 82-94	7.9	41
106	Classifier selection strategies for label fusion using large atlas databases 2007 , 10, 523-31		41
105	Acute induction of anxiety in humans by delta-9-tetrahydrocannabinol related to amygdalar cannabinoid-1 (CB1) receptors. <i>Scientific Reports</i> , 2017 , 7, 15025	4.9	40
104	A [11C]Ro15 4513 PET study suggests that alcohol dependence in man is associated with reduced B benzodiazepine receptors in limbic regions. <i>Journal of Psychopharmacology</i> , 2012 , 26, 273-81	4.6	39
103	Volumetric cortical loss in sporadic and familial amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2007 , 8, 343-7		39
102	A Systematic Review and Aggregated Analysis on the Impact of Amyloid PET Brain Imaging on the Diagnosis, Diagnostic Confidence, and Management of Patients being Evaluated for Alzheimer@ Disease. <i>Journal of Alzheimers Disease</i> , 2018 , 63, 783-796	4.3	37
101	Acute increases in synaptic GABA detectable in the living human brain: a [11C]Ro15-4513 PET study. <i>NeuroImage</i> , 2014 , 99, 158-65	7.9	37
100	PET image reconstruction using multi-parametric anato-functional priors. <i>Physics in Medicine and Biology</i> , 2017 , 62, 5975-6007	3.8	37
99	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.. <i>Lancet, The</i> , 2022 ,	4.0	36
98	Magnetic resonance volumetry reveals focal brain atrophy in transient epileptic amnesia. <i>Epilepsy and Behavior</i> , 2013 , 28, 363-9	3.2	35

97	MR-Guided Kernel EM Reconstruction for Reduced Dose PET Imaging. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2018 , 2, 235-243	4.2	35
96	Brain Extraction Using Label Propagation and Group Agreement: Pinfram. <i>PLoS ONE</i> , 2015 , 10, e0129211	3.7	34
95	Voxel-based analysis of asymmetry index maps increases the specificity of 18F-MPPF PET abnormalities for localizing the epileptogenic zone in temporal lobe epilepsies. <i>Journal of Nuclear Medicine</i> , 2010 , 51, 1732-9	8.9	34
94	Amygdalar atrophy in early Alzheimer@ disease. <i>Current Alzheimer Research</i> , 2014 , 11, 239-52	3	34
93	Cortical involvement in four cases of primary lateral sclerosis using [(11)C]-flumazenil PET. <i>Journal of Neurology</i> , 2007 , 254, 1033-6	5.5	33
92	A systematic comparison of kinetic modelling methods generating parametric maps for [(11)C]-(R)-PK11195. <i>NeuroImage</i> , 2007 , 36, 28-37	7.9	33
91	Construction and validation of mean shape atlas templates for atlas-based brain image segmentation. <i>Lecture Notes in Computer Science</i> , 2005 , 19, 689-700	0.9	32
90	The predictive power of brain mRNA mappings for in vivo protein density: a positron emission tomography correlation study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014 , 34, 827-35	7.3	31
89	Evaluation of atlas-based segmentation of hippocampi in healthy humans. <i>Magnetic Resonance Imaging</i> , 2009 , 27, 1104-9	3.3	31
88	Periventricular white matter flumazenil binding and postoperative outcome in hippocampal sclerosis. <i>Epilepsia</i> , 2005 , 46, 944-8	6.4	31
87	[11C]Flumazenil PET in temporal lobe epilepsy: do we need an arterial input function or kinetic modeling?. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008 , 28, 207-16	7.3	30
86	Diet quality and risk and severity of COVID-19: a prospective cohort study. <i>Gut</i> , 2021 , 70, 2096-2104	19.2	30
85	Flumazenil positron emission tomography and other ligands for functional imaging. <i>Neuroimaging Clinics of North America</i> , 2004 , 14, 537-51	3	28
84	Multi-atlas attenuation correction supports full quantification of static and dynamic brain PET data in PET-MR. <i>Physics in Medicine and Biology</i> , 2017 , 62, 2834-2858	3.8	27
83	Synergistic PET and SENSE MR Image Reconstruction Using Joint Sparsity Regularization. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 20-34	11.7	27
82	Positron emission tomography with [(11)C]methyl-L-tryptophan in tuberous sclerosis complex-related epilepsy. <i>Epilepsia</i> , 2013 , 54, 2143-50	6.4	27
81	Neuroanatomical Correlates of Recognizing Face Expressions in Mild Stages of Alzheimer@ Disease. <i>PLoS ONE</i> , 2015 , 10, e0143586	3.7	27
80	Detection of Lesions Underlying Intractable Epilepsy on T1-Weighted MRI as an Outlier Detection Problem. <i>PLoS ONE</i> , 2016 , 11, e0161498	3.7	27

79	Glycine Amidinotransferase (GATM), Renal Fanconi Syndrome, and Kidney Failure. <i>Journal of the American Society of Nephrology: JASN</i> , 2018 , 29, 1849-1858	12.7	26
78	Increased hippocampal head diffusivity predicts impaired episodic memory performance in early Alzheimer's disease. <i>Neuropsychologia</i> , 2010 , 48, 1447-53	3.2	26
77	Brain lesion segmentation through image synthesis and outlier detection. <i>NeuroImage: Clinical</i> , 2017 , 16, 643-658	5.3	25
76	PET measurement of the influence of corticosteroids on serotonin-1A receptor number. <i>Biological Psychiatry</i> , 2001 , 50, 668-76	7.9	24
75	The predictive value of hypometabolism in focal epilepsy: a prospective study in surgical candidates. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 1806-1816	8.8	22
74	Similarity metrics for groupwise non-rigid registration 2007 , 10, 544-52		20
73	Imaging localized neuronal activity at fast time scales through biomechanics. <i>Science Advances</i> , 2019 , 5, eaav3816	14.3	18
72	History of cigarette smoking is associated with higher limbic GABAA receptor availability. <i>NeuroImage</i> , 2013 , 69, 70-7	7.9	17
71	Multi-class brain segmentation using atlas propagation and EM-based refinement 2012 ,		17
70	Opioid imaging. <i>Neuroimaging Clinics of North America</i> , 2006 , 16, 529-52, vii	3	17
69	Test-retest reproducibility of quantitative binding measures of [C]Ro15-4513, a PET ligand for GABA receptors containing alpha5 subunits. <i>NeuroImage</i> , 2017 , 152, 270-282	7.9	15
68	Test-retest reproducibility of cannabinoid-receptor type 1 availability quantified with the PET ligand [11C]MePPEP. <i>NeuroImage</i> , 2014 , 97, 151-62	7.9	15
67	Gyri of the human parietal lobe: Volumes, spatial extents, automatic labelling, and probabilistic atlases. <i>PLoS ONE</i> , 2017 , 12, e0180866	3.7	14
66	Spatially-Compact MR-Guided Kernel EM for PET Image Reconstruction. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2018 , 2, 470-482	4.2	14
65	Intercomparison of MR-informed PET image reconstruction methods. <i>Medical Physics</i> , 2019 , 46, 5055-5074	4.4	14
64	Accuracy of distinguishing between dysembryoplastic neuroepithelial tumors and other epileptogenic brain neoplasms with [11C]methionine PET. <i>Neuro-Oncology</i> , 2014 , 16, 1417-26	1	14
63	Quantification of opioid receptor availability following spontaneous epileptic seizures: correction of [11C]diprenorphine PET data for the partial-volume effect. <i>NeuroImage</i> , 2013 , 79, 72-80	7.9	14
62	Regional analysis of FDG-PET for use in the classification of Alzheimer's Disease 2011 ,		14

61	Opioid binding in DYT1 primary torsion dystonia: an 11C-diprenorphine PET study. <i>Movement Disorders</i> , 2004 , 19, 1498-503	7	14
60	Evaluation of several multi-atlas methods for PSEUDO-CT generation in brain MRI-PET attenuation correction 2015 ,		13
59	On brain atlas choice and automatic segmentation methods: a comparison of MAPER & FreeSurfer using three atlas databases. <i>Scientific Reports</i> , 2020 , 10, 2837	4.9	13
58	Relationships between hippocampal microstructure, metabolism, and function in early Alzheimer ^Q disease. <i>Brain Structure and Function</i> , 2011 , 216, 219-26	4	13
57	Automatic volumetry on MR brain images can support diagnostic decision making. <i>BMC Medical Imaging</i> , 2008 , 8, 9	2.9	13
56	Modelling the progression of Alzheimer ^Q disease in MRI using generative adversarial networks 2018 ,		13
55	Pseudo-healthy Image Synthesis for White Matter Lesion Segmentation. <i>Lecture Notes in Computer Science</i> , 2016 , 87-96	0.9	12
54	Random Forest-Based Manifold Learning for Classification of Imaging Data in Dementia. <i>Lecture Notes in Computer Science</i> , 2011 , 159-166	0.9	12
53	Automated measurement of local white matter lesion volume. <i>NeuroImage</i> , 2012 , 59, 3901-8	7.9	11
52	Fully automatic segmentation of the hippocampus and the amygdala from MRI using hybrid prior knowledge. <i>Lecture Notes in Computer Science</i> , 2007 , 10, 875-82	0.9	11
51	Illness duration and symptom profile in a large cohort of symptomatic UK school-aged children tested for SARS-CoV-2		10
50	Comment on " In Vivo [F]GE-179 Brain Signal Does Not Show NMDA-Specific Modulation with Drug Challenges in Rodents and Nonhuman Primates". <i>ACS Chemical Neuroscience</i> , 2019 , 10, 768-772	5.7	10
49	Impaired connectivity within neuromodulatory networks in multiple sclerosis and clinical implications. <i>Journal of Neurology</i> , 2020 , 267, 2042-2053	5.5	9
48	Pseudo-CT generation in brain MR-PET attenuation correction: comparison of several multi-atlas methods. <i>EJNMMI Physics</i> , 2015 , 2, A29	4.4	8
47	Periventricular [(11)C]flumazenil binding for predicting postoperative outcome in individual patients with temporal lobe epilepsy and hippocampal sclerosis. <i>NeuroImage: Clinical</i> , 2013 , 3, 242-8	5.3	8
46	Multivariate statistical analysis of whole brain structural networks obtained using probabilistic tractography. <i>Lecture Notes in Computer Science</i> , 2008 , 11, 486-93	0.9	8
45	Multi-modal synergistic PET and MR reconstruction using mutually weighted quadratic priors. <i>Magnetic Resonance in Medicine</i> , 2019 , 81, 2120-2134	4.4	8
44	Using [(11)C]Ro15 4513 PET to characterise GABA-benzodiazepine receptors in opiate addiction: Similarities and differences with alcoholism. <i>NeuroImage</i> , 2016 , 132, 1-7	7.9	7

43	Global-two-stage filtering of clinical PET parametric maps: application to [(11)C]-(R)-PK11195. <i>NeuroImage</i> , 2011 , 55, 942-53	7.9	6
42	Knowledge barriers in the symptomatic-COVID-19 testing programme in the UK: an observational study		6
41	[F]Florbetapir PET/MR imaging to assess demyelination in multiple sclerosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 366-378	8.8	6
40	2013 ,		5
39	Segmentation of subcortical structures and the hippocampus in brain MRI using graph-cuts and subject-specific a-priori information 2009 ,		5
38	Illness characteristics of COVID-19 in children infected with the SARS-CoV-2 Delta variant		5
37	A dual-tuned C/ H head coil for PET/MR hybrid neuroimaging: Development, attenuation correction, and first evaluation. <i>Medical Physics</i> , 2018 , 45, 4877-4887	4.4	5
36	Automatic segmentation of pediatric brain MRIs using a maximum probability pediatric atlas 2012 ,		4
35	Atlas selection strategy for automatic segmentation of pediatric brain MRIs into 83 ROIs 2010 ,		4
34	Competencies and training of radiographers and technologists for PET/MR imaging - a study from the UK MR-PET network. <i>European Journal of Hybrid Imaging</i> , 2020 , 4, 1	1.7	4
33	Accessible data curation and analytics for international-scale citizen science datasets. <i>Scientific Data</i> , 2021 , 8, 297	8.2	4
32	Accuracy and precision of zero-echo-time, single- and multi-atlas attenuation correction for dynamic [C]PE2I PET-MR brain imaging. <i>EJNMMI Physics</i> , 2020 , 7, 77	4.4	4
31	Pseudo-normal PET Synthesis with Generative Adversarial Networks for Localising Hypometabolism in Epilepsies. <i>Lecture Notes in Computer Science</i> , 2019 , 42-51	0.9	4
30	Multiclassifier fusion in human brain MR segmentation: modelling convergence. <i>Lecture Notes in Computer Science</i> , 2006 , 9, 815-22	0.9	4
29	Motion-corrected and high-resolution anatomically assisted (MOCHA) reconstruction of arterial spin labeling MRI. <i>Magnetic Resonance in Medicine</i> , 2020 , 84, 1306-1320	4.4	3
28	Consistent and robust 4D whole-brain segmentation: Application to traumatic brain injury 2014 ,		3
27	Knowledge barriers in a national symptomatic-COVID-19 testing programme. <i>PLOS Global Public Health</i> , 2022 , 2, e0000028		3
26	Patch-Based Brain Age Estimation From MR Images. <i>Lecture Notes in Computer Science</i> , 2020 , 98-107	0.9	3

25	Post-vaccination SARS-CoV-2 infection: risk factors and illness profile in a prospective, observational community-based case-control study		3
24	Simplifying [F]GE-179 PET: are both arterial blood sampling and 90-min acquisitions essential?. <i>EJNMMI Research</i> , 2018 , 8, 46	3.6	3
23	Imitation learning for improved 3D PET/MR attenuation correction. <i>Medical Image Analysis</i> , 2021 , 71, 102079	15.4	3
22	Opioid Imaging. <i>PET Clinics</i> , 2007 , 2, 67-89	2.2	2
21	Automated localization of periventricular and subcortical white matter lesions 2007 ,		2
20	Towards improved test-retest reliability in quantitative ligand PET: [11C]Diprenorphine as an example. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, S665-S665	7.3	2
19	Stereo-EEG exploration in a case of eating epilepsy with cutlery-induced seizures. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020 , 74, 56-59	3.2	2
18	N-methyl-D-aspartate receptor availability in first-episode psychosis: a PET-MR brain imaging study. <i>Translational Psychiatry</i> , 2021 , 11, 425	8.6	2
17	Anxiety and depression symptoms after COVID-19 infection: results from the COVID Symptom Study app. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021 , 92, 1254-1258	5.5	2
16	Improving whole-brain segmentations through incorporating regional image intensity statistics 2013 ,		1
15	Automatic segmentation of brain MRIs and mapping neuroanatomy across the human lifespan 2009 ,		1
14	Miller-Fisher syndrome with rapid recovery. <i>Lancet, The</i> , 1994 , 343, 1290	40	1
13	Uncertainty analysis of MR-PET image registration for precision neuro-PET imaging. <i>NeuroImage</i> , 2021 , 232, 117821	7.9	1
12	Disentangling post-vaccination symptoms from early COVID-19		1
11	α5 subunit-containing GABA receptors in temporal lobe epilepsy with normal MRI. <i>Brain Communications</i> , 2021 , 3, fcaa190	4.5	1
10	CERMEP-IDB-MRXFDG: a database of 37 normal adult human brain [F]FDG PET, T1 and FLAIR MRI, and CT images available for research. <i>EJNMMI Research</i> , 2021 , 11, 91	3.6	1
9	In vivo NMDA receptor function in people with NMDA receptor antibody encephalitis		1
8	Disentangling post-vaccination symptoms from early COVID-19. <i>EClinicalMedicine</i> , 2021 , 42, 101212	11.3	1

7	Illness Characteristics of COVID-19 in Children Infected with the SARS-CoV-2 Delta Variant. <i>Children</i> , 2022 , 9, 652	2.8	1
6	PET in MRI-negative refractory focal epilepsy28-37		0
5	Evaluation of [N]ammonia positron emission tomography as a potential method for quantifying glutamine synthetase activity in the human brain. <i>EJNMMI Research</i> , 2020 , 10, 146	3.6	0
4	Decreased GABA-A Receptor Binding in Association With β -Lactam Antibiotic Use. <i>Clinical Nuclear Medicine</i> , 2019 , 44, 981-982	1.7	0
3	Tiagabine induced modulation of oscillatory connectivity and activity match PET-derived, canonical GABA-A receptor distributions. <i>European Neuropsychopharmacology</i> , 2021 , 50, 34-45	1.2	0
2	Can visual illustrations transform the patient information sheet for PET/MR neuroimaging studies into an engaging and interesting reading?. <i>Clinical and Translational Imaging</i> ,1	2	
1	Correlation of regional cerebral amyloid load in Alzheimer's disease, measured with [11C]-PIB pet using spectral analysis and tissue uptake ratios, with Performance on recognition memory tests. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, S591-S591	7.3	