Alexander Hammers

List of Publications by Year
in descending order

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170	15,106	23567	20358
papers	citations	58 h-index	116 g-index

185	185	185	17560
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Three-dimensional maximum probability atlas of the human brain, with particular reference to the temporal lobe. Human Brain Mapping, 2003, 19, 224-247.	3.6	1,040
2	In vivo imaging of microglial activation with [11C](R)-PK11195 PET in idiopathic Parkinson's disease. Neurobiology of Disease, 2006, 21, 404-412.	4.4	982
3	Multi-atlas based segmentation of brain images: Atlas selection and its effect on accuracy. NeuroImage, 2009, 46, 726-738.	4.2	797
4	Automatic anatomical brain MRI segmentation combining label propagation and decision fusion. NeuroImage, 2006, 33, 115-126.	4.2	794
5	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.	9.1	744
6	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.	9.1	573
7	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.	13.7	547
8	Microglia, amyloid, and cognition in Alzheimer's disease: An [11C](R)PK11195-PET and [11C]PIB-PET study. Neurobiology of Disease, 2008, 32, 412-419.	4.4	448
9	Random forest-based similarity measures for multi-modal classification of Alzheimer's disease. NeuroImage, 2013, 65, 167-175.	4.2	376
10	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.	5.6	304
11	Automatic segmentation of brain MRIs of 2-year-olds into 83 regions of interest. NeuroImage, 2008, 40, 672-684.	4.2	301
12	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.	10.0	269
13	LEAP: Learning embeddings for atlas propagation. NeuroImage, 2010, 49, 1316-1325.	4.2	216
14	Reference and target region modeling of [11C]-(R)-PK11195 brain studies. Journal of Nuclear Medicine, 2007, 48, 158-67.	5.0	216
15	A multi-centre evaluation of eleven clinically feasible brain PET/MRI attenuation correction techniques using a large cohort of patients. NeuroImage, 2017, 147, 346-359.	4.2	200
16	Diffeomorphic Registration Using B-Splines. Lecture Notes in Computer Science, 2006, 9, 702-709.	1.3	190
17	Diagnostic accuracy of 18F amyloid PET tracers for the diagnosis of Alzheimerâ€™s disease: a systematic review and meta-analysis. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 374-385.	6.4	182
18	Glutamate NMDA receptor dysregulation in Parkinsonâ€™s disease with dyskinesias. Brain, 2011, 134, 979-986.	7.6	177

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19	Magnetic resonance imaging of the newborn brain: Manual segmentation of labelled atlases in term-born and preterm infants. NeuroImage, 2012, 62, 1499-1509.	4.2	175
20	Improving intersubject image registration using tissue-class information benefits robustness and accuracy of multi-atlas based anatomical segmentation. NeuroImage, 2010, 51, 221-227.	4.2	174
21	Progressive neocortical damage in epilepsy. Annals of Neurology, 2003, 53, 312-324.	5.3	163
22	Stroke following chiropractic manipulation of the cervical spine. Journal of Neurology, 1999, 246, 683-688.	3.6	161
23	Positron Emission Tomography Partial Volume Correction: Estimation and Algorithms. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 1019-1034.	4.3	161
24	Automatic segmentation of the hippocampus and the amygdala driven by hybrid constraints: Method and validation. NeuroImage, 2009, 46, 749-761.	4.2	161
25	Robust whole-brain segmentation: Application to traumatic brain injury. Medical Image Analysis, 2015, 21, 40-58.	11.6	146
26	The role of opioids in restless legs syndrome: an [11C]diprenorphine PET study. Brain, 2005, 128, 906-917.	7.6	140
27	Multi-region analysis of longitudinal FDG-PET for the classification of Alzheimer's disease. NeuroImage, 2012, 60, 221-229.	4.2	136
28	Distinct cerebral lesions in sporadic and â€˜D90Aâ€™ SOD1 ALS: studies with [11C]flumazenil PET. Brain, 2005, 128, 1323-1329.	7.6	134
29	Diet quality and risk and severity of COVID-19: a prospective cohort study. Gut, 2021, 70, 2096-2104.	12.1	130
30	Measurement of hippocampal atrophy using 4D graph-cut segmentation: Application to ADNI. NeuroImage, 2010, 52, 109-118.	4.2	122
31	Automatic morphometry in Alzheimer's disease and mild cognitive impairment. NeuroImage, 2011, 56, 2024-2037.	4.2	120
32	Pharmacoresistance in Epilepsy: A Pilot PET Study with the P-Glycoprotein Substrate R -[11 C]verapamil. Epilepsia, 2007, 48, 1774-1784.	5.1	119
33	SPM-based count normalization provides excellent discrimination of mild Alzheimer's disease and amnestic mild cognitive impairment from healthy agingâ˜†. NeuroImage, 2009, 44, 43-50.	4.2	117
34	A robust method to estimate the intracranial volume across MRI field strengths (1.5T and 3T). NeuroImage, 2010, 50, 1427-1437.	4.2	116
35	Macroanatomy and 3D probabilistic atlas of the human insula. NeuroImage, 2017, 150, 88-98.	4.2	107
36	Upregulation of opioid receptor binding following spontaneous epileptic seizures. Brain, 2007, 130, 1009-1016.	7.6	101

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37	Choice of reference area in studies of Alzheimer's disease using positron emission tomography with fluorodeoxyglucose-F18. Psychiatry Research - Neuroimaging, 2008, 164, 143-153.	1.8	100
38	Comorbidity between temporal lobe epilepsy and depression: a [18 F]MPPF PET study. Brain, 2008, 131, 2765-2782.	7.6	95
39	Volumes, spatial extents and a probabilistic atlas of the human basal ganglia and thalamus. NeuroImage, 2007, 38, 261-270.	4.2	94
40	[11C]-WAY100635 PET demonstrates marked 5-HT1A receptor changes in sporadic ALS. Brain, 2005, 128, 896-905.	7.6	92
41	Automatic detection and quantification of hippocampal atrophy on MRI in temporal lobe epilepsy: A proof-of-principle study. NeuroImage, 2007, 36, 38-47.	4.2	91
42	Evidence of a smaller left hippocampus and left temporal horn in both patients with first episode schizophrenia and normal control subjects. Psychiatry Research - Neuroimaging, 2000, 99, 93-110.	1.8	89
43	Abnormalities of grey and white matter [11C]flumazenil binding in temporal lobe epilepsy with normal MRI. Brain, 2002, 125, 2257-2271.	7.6	88
44	Implementation and application of a brain template for multiple volumes of interest. Human Brain Mapping, 2002, 15, 165-174.	3.6	87
45	Grey and white matter flumazenil binding in neocortical epilepsy with normal MRI. A PET study of 44 patients. Brain, 2003, 126, 1300-1318.	7.6	87
46	Identifying population differences in whole-brain structural networks: A machine learning approach. NeuroImage, 2010, 50, 910-919.	4.2	86
47	Functional and structural synergy for resolution recovery and partial volume correction in brain PET. NeuroImage, 2009, 44, 340-348.	4.2	81
48	Diagnostic classification of arterial spin labeling and structural MRI in presenile early stage dementia. Human Brain Mapping, 2014, 35, 4916-4931.	3.6	80
49	The value of magnetoencephalography for seizure-onset zone localization in magnetic resonance imaging-negative partial epilepsy. Brain, 2013, 136, 3176-3186.	7.6	79
50	Magnetic Resonance Imaging of the Newborn Brain: Automatic Segmentation of Brain Images into 50 Anatomical Regions. PLoS ONE, 2013, 8, e59990.	2.5	78
51	Reproducibility of thalamic segmentation based on probabilistic tractography. NeuroImage, 2010, 52, 69-85.	4.2	77
52	Automatic segmentation of the brain and intracranial cerebrospinal fluid inT1-weighted volume MRI scans of the head, and its application to serial cerebral and intracranial volumetry. Magnetic Resonance in Medicine, 2003, 49, 872-884.	3.0	71
53	Evidence for endogenous opioid release in the amygdala during positive emotion. NeuroImage, 2009, 44, 252-256.	4.2	70
54	Brain opioid receptor binding in early abstinence from opioid dependence. British Journal of Psychiatry, 2007, 191, 63-69.	2.8	68

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55	Initial Evaluation of 18F-GE-179, a Putative PET Tracer for Activated N-Methyl d-Aspartate Receptors. Journal of Nuclear Medicine, 2014, 55, 423-430.	5.0	68
56	Tailored excitation in 3D with spiral nonselective (SPINS) RF pulses. Magnetic Resonance in Medicine, 2012, 67, 1303-1315.	3.0	62
57	PET imaging of brain 5-HT1A receptors in the preoperative evaluation of temporal lobe epilepsy. Brain, 2008, 131, 2751-2764.	7.6	61
58	Brain opioid receptor binding in early abstinence from alcohol dependence and relationship to craving: An [11C]diprenorphine PET study. European Neuropsychopharmacology, 2009, 19, 740-748.	0.7	61
59	Classification and Lateralization of Temporal Lobe Epilepsies with and without Hippocampal Atrophy Based on Whole-Brain Automatic MRI Segmentation. PLoS ONE, 2012, 7, e33096.	2.5	59
60	Central benzodiazepine receptors in malformations of cortical development: A quantitative study. Brain, 2001, 124, 1555-1565.	7.6	58
61	Statistical neuroanatomy of the human inferior frontal gyrus and probabilistic atlas in a standard stereotaxic space. Human Brain Mapping, 2007, 28, 34-48.	3.6	58
62	Acute induction of anxiety in humans by delta-9-tetrahydrocannabinol related to amygdalar cannabinoid-1 (CB1) receptors. Scientific Reports, 2017, 7, 15025.	3.3	57
63	Neuronal loss associated with cognitive performance in amyotrophic lateral sclerosis: An (¹¹C)â€flumazenil PET study. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2008, 9, 43-49.	2.1	56
64	PET image reconstruction using multi-parametric anato-functional priors. Physics in Medicine and Biology, 2017, 62, 5975-6007.	3.0	54
65	Neurological features of epilepsy, ataxia, sensorineural deafness, tubulopathy syndrome. Developmental Medicine and Child Neurology, 2013, 55, 846-856.	2.1	53
66	Glycine Amidinotransferase (GATM), Renal Fanconi Syndrome, and Kidney Failure. Journal of the American Society of Nephrology: JASN, 2018, 29, 1849-1858.	6.1	53
67	Classifier Selection Strategies for Label Fusion Using Large Atlas Databases. , 2007, 10, 523-531.		53
68	MR-Guided Kernel EM Reconstruction for Reduced Dose PET Imaging. IEEE Transactions on Radiation and Plasma Medical Sciences, 2018, 2, 235-243.	3.7	52
69	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 Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2018, 63, 783-796.	2.6	50
70	Amygdalar Atrophy in Early Alzheimerâ€™s Disease. Current Alzheimer Research, 2014, 11, 239-252.	1.4	48
71	A [¹¹C]Ro15 4513 PET study suggests that alcohol dependence in man is associated with reduced Î±5 benzodiazepine receptors in limbic regions. Journal of Psychopharmacology, 2012, 26, 273-281.	4.0	47
72	Balancing bias, reliability, noise properties and the need for parametric maps in quantitative ligand PET: [11C]diprenorphine testâ€“retest data. NeuroImage, 2007, 38, 82-94.	4.2	46

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73	Volumetric cortical loss in sporadic and familial amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2007, 8, 343-347.	2.1	45
74	The Predictive Power of Brain mRNA Mappings for in vivo Protein Density: A Positron Emission Tomography Correlation Study. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 827-835.	4.3	44
75	The predictive value of hypometabolism in focal epilepsy: a prospective study in surgical candidates. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 1806-1816.	6.4	44
76	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.	1.9	44
77	Brain Extraction Using Label Propagation and Group Agreement: Pincram. PLoS ONE, 2015, 10, e0129211.	2.5	43
78	Cortical involvement in four cases of primary lateral sclerosis using [11C]-flumazenil PET. Journal of Neurology, 2007, 254, 1033-1036.	3.6	42
79	Acute increases in synaptic GABA detectable in the living human brain: A [11C]Ro15-4513 PET study. NeuroImage, 2014, 99, 158-165.	4.2	42
80	Voxel-Based Analysis of Asymmetry Index Maps Increases the Specificity of ¹⁸F-MPPF PET Abnormalities for Localizing the Epileptogenic Zone in Temporal Lobe Epilepsies. Journal of Nuclear Medicine, 2010, 51, 1732-1739.	5.0	40
81	Magnetic resonance volumetry reveals focal brain atrophy in transient epileptic amnesia. Epilepsy and Behavior, 2013, 28, 363-369.	1.7	40
82	Positron emission tomography with Î±â€[¹¹<scp>C</scp>]methylâ€<scp>l</scp>â€tryptophan in tuberous sclerosis complexâ€“related epilepsy. Epilepsia, 2013, 54, 2143-2150.	5.1	39
83	Evaluation of atlas-based segmentation of hippocampi in healthy humans. Magnetic Resonance Imaging, 2009, 27, 1104-1109.	1.8	38
84	Brain lesion segmentation through image synthesis and outlier detection. NeuroImage: Clinical, 2017, 16, 643-658.	2.7	38
85	[11C]Flumazenil PET in Temporal Lobe Epilepsy: Do We Need an Arterial Input Function or Kinetic Modeling?. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 207-216.	4.3	37
86	Multi-atlas attenuation correction supports full quantification of static and dynamic brain PET data in PET-MR. Physics in Medicine and Biology, 2017, 62, 2834-2858.	3.0	37
87	A systematic comparison of kinetic modelling methods generating parametric maps for [11C]-(R)-PK11195. NeuroImage, 2007, 36, 28-37.	4.2	36
88	Neuroanatomical Correlates of Recognizing Face Expressions in Mild Stages of Alzheimerâ€™s Disease. PLoS ONE, 2015, 10, e0143586.	2.5	36
89	Construction and Validation of Mean Shape Atlas Templates for Atlas-Based Brain Image Segmentation. Lecture Notes in Computer Science, 2005, 19, 689-700.	1.3	35
90	Synergistic PET and SENSE MR Image Reconstruction Using Joint Sparsity Regularization. IEEE Transactions on Medical Imaging, 2018, 37, 20-34.	8.9	35

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91	Periventricular White Matter Flumazenil Binding and Postoperative Outcome in Hippocampal Sclerosis. Epilepsia, 2005, 46, 944-948.	5.1	34
92	Detection of Lesions Underlying Intractable Epilepsy on T1-Weighted MRI as an Outlier Detection Problem. PLoS ONE, 2016, 11, e0161498.	2.5	32
93	Imaging localized neuronal activity at fast time scales through biomechanics. Science Advances, 2019, 5, eaav3816.	10.3	32
94	Flumazenil positron emission tomography and other ligands for functional imaging. Neuroimaging Clinics of North America, 2004, 14, 537-551.	1.0	31
95	On brain atlas choice and automatic segmentation methods: a comparison of MAPER & FreeSurfer using three atlas databases. Scientific Reports, 2020, 10, 2837.	3.3	31
96	Increased hippocampal head diffusivity predicts impaired episodic memory performance in early Alzheimer's disease. Neuropsychologia, 2010, 48, 1447-1453.	1.6	29
97	Illness Characteristics of COVID-19 in Children Infected with the SARS-CoV-2 Delta Variant. Children, 2022, 9, 652.	1.5	28
98	Similarity Metrics for Groupwise Non-rigid Registration. , 2007, 10, 544-552.		26
99	PET measurement of the influence of corticosteroids on serotonin-1A receptor number. Biological Psychiatry, 2001, 50, 668-676.	1.3	25
100	History of cigarette smoking is associated with higher limbic GABAA receptor availability. NeuroImage, 2013, 69, 70-77.	4.2	23
101	Modelling the progression of Alzheimer's disease in MRI using generative adversarial networks. , 2018, , .		23
102	Gyri of the human parietal lobe: Volumes, spatial extents, automatic labelling, and probabilistic atlases. PLoS ONE, 2017, 12, e0180866.	2.5	22
103	Accuracy of distinguishing between dysembryoplastic neuroepithelial tumors and other epileptogenic brain neoplasms with [11C]methionine PET. Neuro-Oncology, 2014, 16, 1417-1426.	1.2	21
104	Multi-class brain segmentation using atlas propagation and EM-based refinement. , 2012, , .		20
105	Impaired connectivity within neuromodulatory networks in multiple sclerosis and clinical implications. Journal of Neurology, 2020, 267, 2042-2053.	3.6	20
106	Opioid Imaging. Neuroimaging Clinics of North America, 2006, 16, 529-552.	1.0	19
107	Relationships between hippocampal microstructure, metabolism, and function in early Alzheimerâ€™s disease. Brain Structure and Function, 2011, 216, 219-226.	2.3	19
108	Pseudo-healthy Image Synthesis for White Matter Lesion Segmentation. Lecture Notes in Computer Science, 2016, , 87-96.	1.3	19

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109	Intercomparison of MRâ€informed PET image reconstruction methods. Medical Physics, 2019, 46, 5055-5074.	3.0	19
110	[18F]Florbetapir PET/MR imaging to assess demyelination in multiple sclerosis. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 366-378.	6.4	19
111	Spatially Compact MR-Guided Kernel EM for PET Image Reconstruction. IEEE Transactions on Radiation and Plasma Medical Sciences, 2018, 2, 470-482.	3.7	18
112	CERMEP-IDB-MRXFDG: a database of 37 normal adult human brain [18F]FDG PET, T1 and FLAIR MRI, and CT images available for research. EJNMMI Research, 2021, 11, 91.	2.5	18
113	Accessible data curation and analytics for international-scale citizen science datasets. Scientific Data, 2021, 8, 297.	5.3	18
114	Opioid binding in DYT1 primary torsion dystonia: An11C-diprenorphine PET study. Movement Disorders, 2004, 19, 1498-1503.	3.9	17
115	Automatic volumetry on MR brain images can support diagnostic decision making. BMC Medical Imaging, 2008, 8, 9.	2.7	17
116	Testâ€“retest reproducibility of cannabinoid-receptor type 1 availability quantified with the PET ligand [11C]MePPEP. NeuroImage, 2014, 97, 151-162.	4.2	17
117	Evaluation of several multi-atlas methods for PSEUDO-CT generation in brain MRI-PET attenuation correction. , 2015, , .		17
118	Test-retest reproducibility of quantitative binding measures of [11 C]Ro15-4513, a PET ligand for GABA A receptors containing alpha5 subunits. NeuroImage, 2017, 152, 270-282.	4.2	17
119	Multiâ€modal synergistic PET and MR reconstruction using mutually weighted quadratic priors. Magnetic Resonance in Medicine, 2019, 81, 2120-2134.	3.0	17
120	Regional analysis of FDG-PET for use in the classification of Alzheimer'S Disease. , 2011, , .		16
121	Quantification of opioid receptor availability following spontaneous epileptic seizures: Correction of [11C]diprenorphine PET data for the partial-volume effect. NeuroImage, 2013, 79, 72-80.	4.2	16
122	Fully Automatic Segmentation of the Hippocampus and the Amygdala from MRI Using Hybrid Prior Knowledge. Lecture Notes in Computer Science, 2007, 10, 875-882.	1.3	16
123	Random Forest-Based Manifold Learning for Classification of Imaging Data in Dementia. Lecture Notes in Computer Science, 2011, , 159-166.	1.3	16
124	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.	5.6	15
125	Automated measurement of local white matter lesion volume. NeuroImage, 2012, 59, 3901-3908.	4.2	14
126	N-methyl-D-aspartate receptor availability in first-episode psychosis: a PET-MR brain imaging study. Translational Psychiatry, 2021, 11, 425.	4.8	14

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127	Multivariate Statistical Analysis of Whole Brain Structural Networks Obtained Using Probabilistic Tractography. Lecture Notes in Computer Science, 2008, 11, 486-493.	1.3	12
128	Comment on â€œIn Vivo [¹⁸F]GE-179 Brain Signal Does Not Show NMDA-Specific Modulation with Drug Challenges in Rodents and Nonhuman Primatesâ€• ACS Chemical Neuroscience, 2019, 10, 768-772.	3.5	11
129	Patch-Based Brain Age Estimation fromÂMRÂImages. Lecture Notes in Computer Science, 2020, , 98-107.	1.3	11
130	Knowledge barriers in a national symptomatic-COVID-19 testing programme. PLOS Global Public Health, 2022, 2, e0000028.	1.6	11
131	Pseudo-CT generation in brain MR-PET attenuation correction: comparison of several multi-atlas methods. EJNMMI Physics, 2015, 2, A29.	2.7	10
132	Using [11C]Ro15 4513 PET to characterise GABA-benzodiazepine receptors in opiate addiction: Similarities and differences with alcoholism. NeuroImage, 2016, 132, 1-7.	4.2	10
133	Competencies and training of radiographers and technologists for PET/MR imaging - a study from the UK MR-PET network. European Journal of Hybrid Imaging, 2020, 4, 1.	1.5	10
134	Periventricular [11C]flumazenil binding for predicting postoperative outcome in individual patients with temporal lobe epilepsy and hippocampal sclerosis. NeuroImage: Clinical, 2013, 3, 242-248.	2.7	9
135	A dualâ€tuned ¹³C/¹H head coil for <scp>PET</scp>/<scp>MR</scp> hybrid neuroimaging: Development, attenuation correction, and first evaluation. Medical Physics, 2018, 45, 4877-4887.	3.0	9
136	Imitation learning for improved 3D PET/MR attenuation correction. Medical Image Analysis, 2021, 71, 102079.	11.6	9
137	Global-two-stage filtering of clinical PET parametric maps: Application to [11C]-(R)-PK11195. NeuroImage, 2011, 55, 942-953.	4.2	8
138	Uncertainty analysis of MR-PET image registration for precision neuro-PET imaging. NeuroImage, 2021, 232, 117821.	4.2	8
139	Disentangling post-vaccination symptoms from early COVID-19. EClinicalMedicine, 2021, 42, 101212.	7.1	8
140	Segmentation of subcortical structures and the hippocampus in brain MRI using graph-cuts and subject-specific a-priori information. , 2009, , .		7
141	Pseudo-normal PET Synthesis with Generative Adversarial Networks for Localising Hypometabolism in Epilepsies. Lecture Notes in Computer Science, 2019, , 42-51.	1.3	7
142	Accuracy and precision of zero-echo-time, single- and multi-atlas attenuation correction for dynamic [11C]PE2I PET-MR brain imaging. EJNMMI Physics, 2020, 7, 77.	2.7	7
143	Computer Aided Diagnosis of Intractable Epilepsy with MRI Imaging Based on Textural Information. , 2013, , .		6
144	Atlas selection strategy for automatic segmentation of pediatric brain MRIs into 83 ROIs. , 2010, , .		5

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145	Îlpha 5 subunit-containing GABAA receptors in temporal lobe epilepsy with normal MRI. Brain Communications, 2021, 3, fcaa190.	3.3	5
146	Automatic segmentation of pediatric brain MRIs using a maximum probability pediatric atlas. , 2012, , .		4
147	Simplifying [18F]GE-179 PET: are both arterial blood sampling and 90-min acquisitions essential?. EJNMMI Research, 2018, 8, 46.	2.5	4
148	Motionâ€corrected and highâ€resolution anatomically assisted (MOCHA) reconstruction of arterial spin labeling MRI. Magnetic Resonance in Medicine, 2020, 84, 1306-1320.	3.0	4
149	Multiclassifier Fusion in Human Brain MR Segmentation: Modelling Convergence. Lecture Notes in Computer Science, 2006, 9, 815-822.	1.3	4
150	Opioid Imaging. PET Clinics, 2007, 2, 67-89.	3.0	3
151	Consistent and robust 4D whole-brain segmentation: Application to traumatic brain injury. , 2014, , .		3
152	Automated localization of periventricular and subcortical white matter lesions. , 2007, , .		2
153	Decreased GABA-A Receptor Binding in Association With Î²-Lactam Antibiotic Use. Clinical Nuclear Medicine, 2019, 44, 981-982.	1.3	2
154	Stereo-EEG exploration in a case of eating epilepsy with cutlery-induced seizures. Seizure: the Journal of the British Epilepsy Association, 2020, 74, 56-59.	2.0	2
155	Tiagabine induced modulation of oscillatory connectivity and activity match PET-derived, canonical GABA-A receptor distributions. European Neuropsychopharmacology, 2021, 50, 34-45.	0.7	2
156	Towards improved test-retest reliability in quantitative ligand PET: [11C]Diprenorphine as an example. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S665-S665.	4.3	2
157	Miller-Fisher syndrome with rapid recovery. Lancet, The, 1994, 343, 1290.	13.7	1
158	Automatic segmentation of brain MRIs and mapping neuroanatomy across the human lifespan. , 2009, , .		1
159	Improving whole-brain segmentations through incorporating regional image intensity statistics. Proceedings of SPIE, 2013, , .	0.8	1
160	PET in MRI-negative refractory focal epilepsy. , 2015, , 28-37.		1
161	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. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S591-S591.	4.3	1
162	Evaluation of [13N]ammonia positron emission tomography as a potential method for quantifying glutamine synthetase activity in the human brain. EJNMMI Research, 2020, 10, 146.	2.5	1

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163	Fast Automated PET Image Quality Assessment by Deep Learning. , 2020, , .		1
164	Measuring atrophy by simultaneous segmentation of serial MR images using 4-D graph-cuts. , 2010, , .		0
165	A repository of MR morphometry data in Alzheimer's disease and mild cognitive impairment. , 2011, , .		0
166	Wavelet-based resolution recovery using anatomical prior provides quantitative recovery for human population phantom PET [¹¹C]raclopride data. , 2011, , .		0
167	Combining multi-parametric MR images for the detection of epileptogenic lesions. , 2015, , .		0
168	Multi-modal weighted quadratic priors for robust intensity independent synergistic PET-MR reconstruction. , 2017, , .		0
169	Intercomparison of MR-Informed Methods for PET Image Reconstruction. , 2018, , .		0
170	Can visual illustrations transform the patient information sheet for PET/MR neuroimaging studies into an engaging and interesting reading?. Clinical and Translational Imaging, 2022, 10, 1-4.	2.1	0