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	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
2	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
3	Knowledge barriers in a national symptomatic-COVID-19 testing programme. PLOS Global Public Health, 2022, 2, e0000028.	1.6	11
4	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
5	Illness Characteristics of COVID-19 in Children Infected with the SARS-CoV-2 Delta Variant. Children, 2022, 9, 652.	1.5	28
6	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
7	Îlpha 5 subunit-containing GABAA receptors in temporal lobe epilepsy with normal MRI. Brain Communications, 2021, 3, fcaa190.	3.3	5
8	Uncertainty analysis of MR-PET image registration for precision neuro-PET imaging. NeuroImage, 2021, 232, 117821.	4.2	8
9	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
10	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
11	Imitation learning for improved 3D PET/MR attenuation correction. Medical Image Analysis, 2021, 71, 102079.	11.6	9
12	N-methyl-D-aspartate receptor availability in first-episode psychosis: a PET-MR brain imaging study. Translational Psychiatry, 2021, 11, 425.	4.8	14
13	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
14	Diet quality and risk and severity of COVID-19: a prospective cohort study. Gut, 2021, 70, 2096-2104.	12.1	130
15	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
16	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
17	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
18	Accessible data curation and analytics for international-scale citizen science datasets. Scientific Data, 2021, 8, 297.	5.3	18

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19	Disentangling post-vaccination symptoms from early COVID-19. EClinicalMedicine, 2021, 42, 101212.	7.1	8
20	[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
21	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
22	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
23	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
24	Impaired connectivity within neuromodulatory networks in multiple sclerosis and clinical implications. Journal of Neurology, 2020, 267, 2042-2053.	3.6	20
25	Patch-Based Brain Age Estimation fromÂMRÂImages. Lecture Notes in Computer Science, 2020, , 98-107.	1.3	11
26	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
27	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
28	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
29	Fast Automated PET Image Quality Assessment by Deep Learning. , 2020, , .		1
30	Intercomparison of MRâ€informed PET image reconstruction methods. Medical Physics, 2019, 46, 5055-5074.	3.0	19
31	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
32	Imaging localized neuronal activity at fast time scales through biomechanics. Science Advances, 2019, 5, eaav3816.	10.3	32
33	Decreased GABA-A Receptor Binding in Association With Î²-Lactam Antibiotic Use. Clinical Nuclear Medicine, 2019, 44, 981-982.	1.3	2
34	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
35	Multiâ€modal synergistic PET and MR reconstruction using mutually weighted quadratic priors. Magnetic Resonance in Medicine, 2019, 81, 2120-2134.	3.0	17
36	Pseudo-normal PET Synthesis with Generative Adversarial Networks for Localising Hypometabolism in Epilepsies. Lecture Notes in Computer Science, 2019, , 42-51.	1.3	7

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37	Glycine Amidinotransferase (GATM), Renal Fanconi Syndrome, and Kidney Failure. Journal of the American Society of Nephrology: JASN, 2018, 29, 1849-1858.	6.1	53
38	Synergistic PET and SENSE MR Image Reconstruction Using Joint Sparsity Regularization. IEEE Transactions on Medical Imaging, 2018, 37, 20-34.	8.9	35
39	Intercomparison of MR-Informed Methods for PET Image Reconstruction. , 2018, , .		0
40	Simplifying [18F]GE-179 PET: are both arterial blood sampling and 90-min acquisitions essential?. EJNMMI Research, 2018, 8, 46.	2.5	4
41	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
42	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
43	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
44	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
45	Modelling the progression of Alzheimer's disease in MRI using generative adversarial networks. , 2018, , .		23
46	Macroanatomy and 3D probabilistic atlas of the human insula. NeuroImage, 2017, 150, 88-98.	4.2	107
47	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
48	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
49	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
50	Brain lesion segmentation through image synthesis and outlier detection. NeuroImage: Clinical, 2017, 16, 643-658.	2.7	38
51	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
52	Multi-modal weighted quadratic priors for robust intensity independent synergistic PET-MR reconstruction. , 2017, , .		0
53	Gyri of the human parietal lobe: Volumes, spatial extents, automatic labelling, and probabilistic atlases. PLoS ONE, 2017, 12, e0180866.	2.5	22
54	PET image reconstruction using multi-parametric anato-functional priors. Physics in Medicine and Biology, 2017, 62, 5975-6007.	3.0	54

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55	Detection of Lesions Underlying Intractable Epilepsy on T1-Weighted MRI as an Outlier Detection Problem. PLoS ONE, 2016, 11, e0161498.	2.5	32
56	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
57	Pseudo-healthy Image Synthesis for White Matter Lesion Segmentation. Lecture Notes in Computer Science, 2016, , 87-96.	1.3	19
58	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
59	PET in MRI-negative refractory focal epilepsy. , 2015, , 28-37.		1
60	Brain Extraction Using Label Propagation and Group Agreement: Pincram. PLoS ONE, 2015, 10, e0129211.	2.5	43
61	Neuroanatomical Correlates of Recognizing Face Expressions in Mild Stages of Alzheimerâ€™s Disease. PLoS ONE, 2015, 10, e0143586.	2.5	36
62	Combining multi-parametric MR images for the detection of epileptogenic lesions. , 2015, , .		0
63	Robust whole-brain segmentation: Application to traumatic brain injury. Medical Image Analysis, 2015, 21, 40-58.	11.6	146
64	Evaluation of several multi-atlas methods for PSEUDO-CT generation in brain MRI-PET attenuation correction. , 2015, , .		17
65	Pseudo-CT generation in brain MR-PET attenuation correction: comparison of several multi-atlas methods. EJNMMI Physics, 2015, 2, A29.	2.7	10
66	Consistent and robust 4D whole-brain segmentation: Application to traumatic brain injury. , 2014, , .		3
67	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
68	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
69	Diagnostic classification of arterial spin labeling and structural MRI in presenile early stage dementia. Human Brain Mapping, 2014, 35, 4916-4931.	3.6	80
70	Testâ€“retest reproducibility of cannabinoid-receptor type 1 availability quantified with the PET ligand [11C]MePPEP. NeuroImage, 2014, 97, 151-162.	4.2	17
71	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
72	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

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73	Amygdalar Atrophy in Early Alzheimerâ€™s Disease. Current Alzheimer Research, 2014, 11, 239-252.	1.4	48
74	Computer Aided Diagnosis of Intractable Epilepsy with MRI Imaging Based on Textural Information. , 2013, , .		6
75	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
76	History of cigarette smoking is associated with higher limbic GABAA receptor availability. NeuroImage, 2013, 69, 70-77.	4.2	23
77	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
78	Magnetic resonance volumetry reveals focal brain atrophy in transient epileptic amnesia. Epilepsy and Behavior, 2013, 28, 363-369.	1.7	40
79	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
80	Random forest-based similarity measures for multi-modal classification of Alzheimer's disease. NeuroImage, 2013, 65, 167-175.	4.2	376
81	The value of magnetoencephalography for seizure-onset zone localization in magnetic resonance imaging-negative partial epilepsy. Brain, 2013, 136, 3176-3186.	7.6	79
82	Neurological features of epilepsy, ataxia, sensorineural deafness, tubulopathy syndrome. Developmental Medicine and Child Neurology, 2013, 55, 846-856.	2.1	53
83	Improving whole-brain segmentations through incorporating regional image intensity statistics. Proceedings of SPIE, 2013, , .	0.8	1
84	Magnetic Resonance Imaging of the Newborn Brain: Automatic Segmentation of Brain Images into 50 Anatomical Regions. PLoS ONE, 2013, 8, e59990.	2.5	78
85	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
86	Multi-class brain segmentation using atlas propagation and EM-based refinement. , 2012, , .		20
87	Automatic segmentation of pediatric brain MRIs using a maximum probability pediatric atlas. , 2012, , .		4
88	Automated measurement of local white matter lesion volume. NeuroImage, 2012, 59, 3901-3908.	4.2	14
89	Multi-region analysis of longitudinal FDG-PET for the classification of Alzheimer's disease. NeuroImage, 2012, 60, 221-229.	4.2	136
90	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

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91	Tailored excitation in 3D with spiral nonselective (SPINS) RF pulses. Magnetic Resonance in Medicine, 2012, 67, 1303-1315.	3.0	62
92	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
93	Glutamate NMDA receptor dysregulation in Parkinsonâ€™s disease with dyskinesias. Brain, 2011, 134, 979-986.	7.6	177
94	Global-two-stage filtering of clinical PET parametric maps: Application to [11C]-(R)-PK11195. NeuroImage, 2011, 55, 942-953.	4.2	8
95	Automatic morphometry in Alzheimer's disease and mild cognitive impairment. NeuroImage, 2011, 56, 2024-2037.	4.2	120
96	Relationships between hippocampal microstructure, metabolism, and function in early Alzheimerâ€™s disease. Brain Structure and Function, 2011, 216, 219-226.	2.3	19
97	A repository of MR morphometry data in Alzheimer's disease and mild cognitive impairment. , 2011, , .		0
98	Regional analysis of FDG-PET for use in the classification of Alzheimer'S Disease. , 2011, , .		16
99	Wavelet-based resolution recovery using anatomical prior provides quantitative recovery for human population phantom PET [¹¹C]raclopride data. , 2011, , .		0
100	Random Forest-Based Manifold Learning for Classification of Imaging Data in Dementia. Lecture Notes in Computer Science, 2011, , 159-166.	1.3	16
101	Increased hippocampal head diffusivity predicts impaired episodic memory performance in early Alzheimer's disease. Neuropsychologia, 2010, 48, 1447-1453.	1.6	29
102	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
103	Measuring atrophy by simultaneous segmentation of serial MR images using 4-D graph-cuts. , 2010, , .		0
104	Atlas selection strategy for automatic segmentation of pediatric brain MRIs into 83 ROIs. , 2010, , .		5
105	A robust method to estimate the intracranial volume across MRI field strengths (1.5T and 3T). NeuroImage, 2010, 50, 1427-1437.	4.2	116
106	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
107	Measurement of hippocampal atrophy using 4D graph-cut segmentation: Application to ADNI. NeuroImage, 2010, 52, 109-118.	4.2	122
108	Reproducibility of thalamic segmentation based on probabilistic tractography. NeuroImage, 2010, 52, 69-85.	4.2	77

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109	LEAP: Learning embeddings for atlas propagation. NeuroImage, 2010, 49, 1316-1325.	4.2	216
110	Identifying population differences in whole-brain structural networks: A machine learning approach. NeuroImage, 2010, 50, 910-919.	4.2	86
111	Segmentation of subcortical structures and the hippocampus in brain MRI using graph-cuts and subject-specific a-priori information. , 2009, , .		7
112	Automatic segmentation of brain MRIs and mapping neuroanatomy across the human lifespan. , 2009, , .		1
113	Evaluation of atlas-based segmentation of hippocampi in healthy humans. Magnetic Resonance Imaging, 2009, 27, 1104-1109.	1.8	38
114	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
115	SPM-based count normalization provides excellent discrimination of mild Alzheimer's disease and amnestic mild cognitive impairment from healthy agingâˆ†. NeuroImage, 2009, 44, 43-50.	4.2	117
116	Evidence for endogenous opioid release in the amygdala during positive emotion. NeuroImage, 2009, 44, 252-256.	4.2	70
117	Functional and structural synergy for resolution recovery and partial volume correction in brain PET. NeuroImage, 2009, 44, 340-348.	4.2	81
118	Automatic segmentation of the hippocampus and the amygdala driven by hybrid constraints: Method and validation. NeuroImage, 2009, 46, 749-761.	4.2	161
119	Multi-atlas based segmentation of brain images: Atlas selection and its effect on accuracy. NeuroImage, 2009, 46, 726-738.	4.2	797
120	Automatic volumetry on MR brain images can support diagnostic decision making. BMC Medical Imaging, 2008, 8, 9.	2.7	17
121	[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
122	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
123	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
124	Comorbidity between temporal lobe epilepsy and depression: a [18 F]MPPF PET study. Brain, 2008, 131, 2765-2782.	7.6	95
125	Automatic segmentation of brain MRIs of 2-year-olds into 83 regions of interest. NeuroImage, 2008, 40, 672-684.	4.2	301
126	PET imaging of brain 5-HT1A receptors in the preoperative evaluation of temporal lobe epilepsy. Brain, 2008, 131, 2751-2764.	7.6	61

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127	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
128	Multivariate Statistical Analysis of Whole Brain Structural Networks Obtained Using Probabilistic Tractography. Lecture Notes in Computer Science, 2008, 11, 486-493.	1.3	12
129	Upregulation of opioid receptor binding following spontaneous epileptic seizures. Brain, 2007, 130, 1009-1016.	7.6	101
130	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
131	Automated localization of periventricular and subcortical white matter lesions. , 2007, , .		2
132	A systematic comparison of kinetic modelling methods generating parametric maps for [11C]-(R)-PK11195. NeuroImage, 2007, 36, 28-37.	4.2	36
133	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
134	Volumes, spatial extents and a probabilistic atlas of the human basal ganglia and thalamus. NeuroImage, 2007, 38, 261-270.	4.2	94
135	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
136	Opioid Imaging. PET Clinics, 2007, 2, 67-89.	3.0	3
137	Brain opioid receptor binding in early abstinence from opioid dependence. British Journal of Psychiatry, 2007, 191, 63-69.	2.8	68
138	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
139	Pharmacoresistance in Epilepsy: A Pilot PET Study with the P-Glycoprotein Substrate R -[11 C]verapamil. Epilepsia, 2007, 48, 1774-1784.	5.1	119
140	Cortical involvement in four cases of primary lateral sclerosis using [11C]-flumazenil PET. Journal of Neurology, 2007, 254, 1033-1036.	3.6	42
141	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
142	Classifier Selection Strategies for Label Fusion Using Large Atlas Databases. , 2007, 10, 523-531.		53
143	Similarity Metrics for Groupwise Non-rigid Registration. , 2007, 10, 544-552.		26
144	Reference and target region modeling of [11C]-(R)-PK11195 brain studies. Journal of Nuclear Medicine, 2007, 48, 158-67.	5.0	216

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145	Automatic anatomical brain MRI segmentation combining label propagation and decision fusion. NeuroImage, 2006, 33, 115-126.	4.2	794
146	Opioid Imaging. Neuroimaging Clinics of North America, 2006, 16, 529-552.	1.0	19
147	Diffeomorphic Registration Using B-Splines. Lecture Notes in Computer Science, 2006, 9, 702-709.	1.3	190
148	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
149	Multiclassifier Fusion in Human Brain MR Segmentation: Modelling Convergence. Lecture Notes in Computer Science, 2006, 9, 815-822.	1.3	4
150	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
151	Periventricular White Matter Flumazenil Binding and Postoperative Outcome in Hippocampal Sclerosis. Epilepsia, 2005, 46, 944-948.	5.1	34
152	Distinct cerebral lesions in sporadic and â€˜D90Aâ€™ SOD1 ALS: studies with [11C]flumazenil PET. Brain, 2005, 128, 1323-1329.	7.6	134
153	The role of opioids in restless legs syndrome: an [11C]diprenorphine PET study. Brain, 2005, 128, 906-917.	7.6	140
154	[11C]-WAY100635 PET demonstrates marked 5-HT1A receptor changes in sporadic ALS. Brain, 2005, 128, 896-905.	7.6	92
155	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
156	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
157	Opioid binding in DYT1 primary torsion dystonia: An11C-diprenorphine PET study. Movement Disorders, 2004, 19, 1498-1503.	3.9	17
158	Flumazenil positron emission tomography and other ligands for functional imaging. Neuroimaging Clinics of North America, 2004, 14, 537-551.	1.0	31
159	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
160	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
161	Progressive neocortical damage in epilepsy. Annals of Neurology, 2003, 53, 312-324.	5.3	163
162	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

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163	Abnormalities of grey and white matter [11C]flumazenil binding in temporal lobe epilepsy with normal MRI. Brain, 2002, 125, 2257-2271.	7.6	88
164	Implementation and application of a brain template for multiple volumes of interest. Human Brain Mapping, 2002, 15, 165-174.	3.6	87
165	Positron Emission Tomography Partial Volume Correction: Estimation and Algorithms. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 1019-1034.	4.3	161
166	PET measurement of the influence of corticosteroids on serotonin-1A receptor number. Biological Psychiatry, 2001, 50, 668-676.	1.3	25
167	Central benzodiazepine receptors in malformations of cortical development: A quantitative study. Brain, 2001, 124, 1555-1565.	7.6	58
168	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
169	Stroke following chiropractic manipulation of the cervical spine. Journal of Neurology, 1999, 246, 683-688.	3.6	161
170	Miller-Fisher syndrome with rapid recovery. Lancet, The, 1994, 343, 1290.	13.7	1