John T Ashburner

List of Publications by Year in Descending Order

185 papers	54,288 citations	81 h-index	207 g-index
207 ext. papers	61,634 ext. citations	7.1 avg, IF	8.03 L-index

#	Paper	IF	Citations
185	Restoring statistical validity in group analyses of motion-corrupted MRI data.. *Human Brain Mapping* , **2022**,	5.9	4
184	Simultaneous assessment of regional distributions of atrophy across the neuraxis in MS patients.. *NeuroImage: Clinical*, **2022**, 34, 102985	5.3	0
183	Factorisation-Based Image Labelling.. *Frontiers in Neuroscience*, **2021**, 15, 818604	5.1	0
182	Uncertainty analysis of MR-PET image registration for precision neuro-PET imaging. *NeuroImage*, **2021**, 232, 117821	7.9	1
181	Microstructural plasticity in nociceptive pathways after spinal cord injury. *Journal of Neurology, Neurosurgery and Psychiatry*, **2021**,	5.5	2
180	Simultaneous voxel-wise analysis of brain and spinal cord morphometry and microstructure within the SPM framework. *Human Brain Mapping*, **2021**, 42, 220-232	5.9	3
179	Ventralis intermedius nucleus anatomical variability assessment by MRI structural connectivity. *NeuroImage*, **2021**, 238, 118231	7.9	1
178	Model-based multi-parameter mapping. *Medical Image Analysis*, **2021**, 73, 102149	15.4	0
177	A Symmetric Prior for the Regularisation of Elastic Deformations: Improved anatomical plausibility in nonlinear image registration. *NeuroImage*, **2020**, 219, 116962	7.9	3
176	The influence of microsatellite polymorphisms in sex steroid receptor genes ESR1, ESR2 and AR on sex differences in brain structure. *NeuroImage*, **2020**, 221, 117087	7.9	2
175	Flexible Bayesian Modelling for Nonlinear Image Registration. *Lecture Notes in Computer Science*, **2020**, 253-263	0.9	4
174	An Image Registration-Based Method for EPI Distortion Correction Based on Opposite Phase Encoding (COPE). *Lecture Notes in Computer Science*, **2020**, 122-130	0.9	3
173	Efficacy of spoken word comprehension therapy in patients with chronic aphasia: a cross-over randomised controlled trial with structural imaging. *Journal of Neurology, Neurosurgery and Psychiatry*, **2020**,	5.5	6
172	Identification of neurobehavioural symptom groups based on shared brain mechanisms. *Nature Human Behaviour*, **2019**, 3, 1306-1318	12.8	10
171	hMRI - A toolbox for quantitative MRI in neuroscience and clinical research. *NeuroImage*, **2019**, 194, 191-210	7.9	73
170	Nonlinear Markov Random Fields Learned via Backpropagation. *Lecture Notes in Computer Science*, **2019**, 805-817	0.9	2
169	An algorithm for learning shape and appearance models without annotations. *Medical Image Analysis*, **2019**, 55, 197-215	15.4	5

168	A modality-adaptive method for segmenting brain tumors and organs-at-risk in radiation therapy planning. *Medical Image Analysis*, **2019**, 54, 220-237	15.4	16
167	Example dataset for the hMRI toolbox. *Data in Brief*, **2019**, 25, 104132	1.2	12
166	Bayesian Volumetric Autoregressive Generative Models for Better Semisupervised Learning. *Lecture Notes in Computer Science*, **2019**, 429-437	0.9	1
165	Empirical Bayesian Mixture Models for Medical Image Translation. *Lecture Notes in Computer Science*, **2019**, 1-12	0.9	1
164	Progressive neurodegeneration following spinal cord injury: Implications for clinical trials. *Neurology*, **2018**, 90, e1257-e1266	6.5	61
163	Connectivity derived thalamic segmentation in deep brain stimulation for tremor. *NeuroImage: Clinical*, **2018**, 18, 130-142	5.3	98
162	Generative diffeomorphic modelling of large MRI data sets for probabilistic template construction. *NeuroImage*, **2018**, 166, 117-134	7.9	16
161	A comparison of various MRI feature types for characterizing whole brain anatomical differences using linear pattern recognition methods. *NeuroImage*, **2018**, 178, 753-768	7.9	18
160	Diffeomorphic Brain Shape Modelling Using Gauss-Newton Optimisation. *Lecture Notes in Computer Science*, **2018**, 862-870	0.9	1
159	MRI Super-Resolution Using Multi-channel Total Variation. *Communications in Computer and Information Science*, **2018**, 217-228	0.3	8
158	Author response: Progressive neurodegeneration following spinal cord injury: Implications for clinical trials. *Neurology*, **2018**, 91, 985	6.5	5
157	l-Dopa responsiveness is associated with distinctive connectivity patterns in advanced Parkinson's disease. *Movement Disorders*, **2017**, 32, 874-883	7	28
156	OpenNFT: An open-source Python/Matlab framework for real-time fMRI neurofeedback training based on activity, connectivity and multivariate pattern analysis. *NeuroImage*, **2017**, 156, 489-503	7.9	37
155	Spinal cord grey matter segmentation challenge. *NeuroImage*, **2017**, 152, 312-329	7.9	64
154	Multivariate dynamical modelling of structural change during development. *NeuroImage*, **2017**, 147, 746-762	7.9	16
153	Optimal deep brain stimulation site and target connectivity for chronic cluster headache. *Neurology* , **2017**, 89, 2083-2091	6.5	42
152	Subthalamic deep brain stimulation sweet spots and hyperdirect cortical connectivity in Parkinson's disease. *NeuroImage*, **2017**, 158, 332-345	7.9	131
151	Real-time fMRI data for testing OpenNFT functionality. *Data in Brief*, **2017**, 14, 344-347	1.2	9

150	Relationship between brainstem neurodegeneration and clinical impairment in traumatic spinal cord injury. *NeuroImage: Clinical*, **2017**, 15, 494-501	5.3	6
149	Embodied neurology: an integrative framework for neurological disorders. *Brain*, **2016**, 139, 1855-61	11.2	32
148	The first step for neuroimaging data analysis: DICOM to NIfTI conversion. *Journal of Neuroscience Methods*, **2016**, 264, 47-56	3	279
147	Leveraging Clinical Data to Enhance Localization of Brain Atrophy. *Lecture Notes in Computer Science*, **2016**, 60-68	0.9	
146	Variational inference for medical image segmentation. *Computer Vision and Image Understanding*, **2016**, 151, 14-28	4.3	10
145	Preparing fMRI Data for Statistical Analysis. *Neuromethods*, **2016**, 155-181	0.4	1
144	Neurobiological origin of spurious brain morphological changes: A quantitative MRI study. *Human Brain Mapping*, **2016**, 37, 1801-15	5.9	62
143	Accurate automatic estimation of total intracranial volume: a nuisance variable with less nuisance. *NeuroImage*, **2015**, 104, 366-72	7.9	276
142	Diffeomorphic Image Registration **2015**, 315-321		
141	Tensor-Based Morphometry **2015**, 383-394		2
140	Computing Brain Change over Time **2015**, 417-428		1
139	Age- and sex-related variations in the brain white matter fractal dimension throughout adulthood: an MRI study. *Clinical Neuroradiology*, **2015**, 25, 19-32	2.7	17
138	Tracking sensory system atrophy and outcome prediction in spinal cord injury. *Annals of Neurology*, **2015**, 78, 751-61	9.4	57
137	Objective Bayesian fMRI analysis-a pilot study in different clinical environments. *Frontiers in Neuroscience*, **2015**, 9, 168	5.1	4
136	Multivariate Effect Ranking via Adaptive Sparse PLS **2015**,		2
135	A Comparison of Strategies for Incorporating Nuisance Variables into Predictive Neuroimaging Models **2015**,		5
134	Improving MRI Brain Image Classification with Anatomical Regional Kernels. *Lecture Notes in Computer Science*, **2015**, 45-53	0.9	1
133	Do we need to revise the tripartite subdivision hypothesis of the human subthalamic nucleus (STN)? Response to Alkemade and Forstmann. *NeuroImage*, **2015**, 110, 1-2	7.9	24

132	Disentangling in vivo the effects of iron content and atrophy on the ageing human brain. *NeuroImage*, **2014**, 103, 280-289	7.9	47
131	A standardized [18F]-FDG-PET template for spatial normalization in statistical parametric mapping of dementia. *Neuroinformatics*, **2014**, 12, 575-93	3.2	177
130	PRoNTo: pattern recognition for neuroimaging toolbox. *Neuroinformatics*, **2013**, 11, 319-37	3.2	268
129	Recommendations to improve imaging and analysis of brain lesion load and atrophy in longitudinal studies of multiple sclerosis. *Journal of Neurology*, **2013**, 260, 2458-71	5.5	83
128	MRI investigation of the sensorimotor cortex and the corticospinal tract after acute spinal cord injury: a prospective longitudinal study. *Lancet Neurology, The*, **2013**, 12, 873-881	24.1	178
127	Multivariate decoding of brain images using ordinal regression. *NeuroImage*, **2013**, 81, 347-357	7.9	19
126	Multiparametric brainstem segmentation using a modified multivariate mixture of Gaussians. *NeuroImage: Clinical*, **2013**, 2, 684-94	5.3	48
125	Wrapper Methods to Correct Mislabelled Training Data **2013**,		6
124	Characterizing aging in the human brainstem using quantitative multimodal MRI analysis. *Frontiers in Human Neuroscience*, **2013**, 7, 462	3.3	43
123	Automated, high accuracy classification of Parkinsonian disorders: a pattern recognition approach. *PLoS ONE*, **2013**, 8, e69237	3.7	34
122	Parametric non-rigid registration using a stationary velocity field **2012**,		21
121	SPM: a history. *NeuroImage*, **2012**, 62, 791-800	7.9	277
120	Confirmation of functional zones within the human subthalamic nucleus: patterns of connectivity and sub-parcellation using diffusion weighted imaging. *NeuroImage*, **2012**, 60, 83-94	7.9	246
119	Symmetric diffeomorphic modeling of longitudinal structural MRI. *Frontiers in Neuroscience*, **2012**, 6, 197	5.1	203
118	Classification of Alzheimer's disease patients and controls with Gaussian processes **2012**,		3
117	Data sharing in neuroimaging research. *Frontiers in Neuroinformatics*, **2012**, 6, 9	3.9	171
116	Regional specificity of MRI contrast parameter changes in normal ageing revealed by voxel-based quantification (VBQ). *NeuroImage*, **2011**, 55, 1423-34	7.9	204
115	Utilizing temporal information in fMRI decoding: classifier using kernel regression methods. *NeuroImage*, **2011**, 58, 560-71	7.9	22

114	Kernel regression for fMRI pattern prediction. *NeuroImage*, **2011**, 56, 662-73	7.9	55
113	Multivariate models of inter-subject anatomical variability. *NeuroImage*, **2011**, 56, 422-39	7.9	34
112	Unified segmentation based correction of R1 brain maps for RF transmit field inhomogeneities (UNICORT). *NeuroImage*, **2011**, 54, 2116-24	7.9	121
111	Diffeomorphic registration using geodesic shooting and Gauss-Newton optimisation. *NeuroImage*, **2011**, 55, 954-67	7.9	231
110	Measuring the Consistency of Global Functional Connectivity Using Kernel Regression Methods **2011**,		2
109	Log-Euclidean free-form deformation **2011**,		5
108	Normal variation in fronto-occipital circuitry and cerebellar structure with an autism-associated polymorphism of CNTNAP2. *NeuroImage*, **2010**, 53, 1030-42	7.9	89
107	Predicting clinical scores from magnetic resonance scans in Alzheimer's disease. *NeuroImage*, **2010**, 51, 1405-13	7.9	193
106	Classification of Neurodegenerative Diseases Using Gaussian Process Classification with Automatic Feature Determination **2010**,		2
105	Automatic detection of preclinical neurodegeneration: presymptomatic Huntington disease. *Neurology*, **2009**, 72, 426-31	6.5	81
104	Structural correlates of preterm birth in the adolescent brain. *Pediatrics*, **2009**, 124, e964-72	7.4	85
103	Computational anatomy with the SPM software. *Magnetic Resonance Imaging*, **2009**, 27, 1163-74	3.3	350
102	Atrophy progression in semantic dementia with asymmetric temporal involvement: a tensor-based morphometry study. *Neurobiology of Aging*, **2009**, 30, 103-11	5.6	160
101	Computing average shaped tissue probability templates. *NeuroImage*, **2009**, 45, 333-41	7.9	172
100	Evaluation of 14 nonlinear deformation algorithms applied to human brain MRI registration. *NeuroImage*, **2009**, 46, 786-802	7.9	1603
99	Improved segmentation of deep brain grey matter structures using magnetization transfer (MT) parameter maps. *NeuroImage*, **2009**, 47, 194-8	7.9	143
98	Genotype-phenotype interactions in primary dystonias revealed by differential changes in brain structure. *NeuroImage*, **2009**, 47, 1141-7	7.9	53
97	A comparison between voxel-based cortical thickness and voxel-based morphometry in normal aging. *NeuroImage*, **2009**, 48, 371-80	7.9	420

96	Voxel Based Morphometry **2009**, 471-477		3
95	Prognostic and diagnostic potential of the structural neuroanatomy of depression. *PLoS ONE*, **2009**, 4, e6353	3.7	173
94	Preparing fMRI Data for Statistical Analysis. *Neuromethods*, **2009**, 151-178	0.4	3
93	Dynamic positron emission tomography data-driven analysis using sparse Bayesian learning. *IEEE Transactions on Medical Imaging*, **2008**, 27, 1356-69	11.7	17
92	Evidence for segregated and integrative connectivity patterns in the human Basal Ganglia. *Journal of Neuroscience*, **2008**, 28, 7143-52	6.6	576
91	Voxel-wise analysis of diffusion tensor MRI improves the confidence of diagnosis of corticobasal degeneration non-invasively. *Parkinsonism and Related Disorders*, **2008**, 14, 436-9	3.6	7
90	Bayesian decoding of brain images. *NeuroImage*, **2008**, 39, 181-205	7.9	155
89	Interpreting scan data acquired from multiple scanners: a study with Alzheimer's disease. *NeuroImage*, **2008**, 39, 1180-5	7.9	175
88	Voxel-based cortical thickness measurements in MRI. *NeuroImage*, **2008**, 40, 1701-10	7.9	153
87	Combining multivariate voxel selection and support vector machines for mapping and classification of fMRI spatial patterns. *NeuroImage*, **2008**, 43, 44-58	7.9	398
86	Kernel methods for fMRI pattern prediction **2008**,		1
85	A plea for confidence intervals and consideration of generalizability in diagnostic studies. *Brain*, **2008**, 132, e102-e102	11.2	9
84	Accuracy of dementia diagnosis: a direct comparison between radiologists and a computerized method. *Brain*, **2008**, 131, 2969-74	11.2	166
83	fMRI activity patterns in human LOC carry information about object exemplars within category. *Journal of Cognitive Neuroscience*, **2008**, 20, 356-70	3.1	146
82	Automatic classification of MR scans in Alzheimer's disease. *Brain*, **2008**, 131, 681-9	11.2	847
81	A fast diffeomorphic image registration algorithm. *NeuroImage*, **2007**, 38, 95-113	7.9	5328
80	Rigid Body Registration **2007**, 49-62		32
79	Non-linear Registration **2007**, 63-80		8

78	Voxel-Based Morphometry **2007**, 92-98		14
77	A tensor based morphometry study of longitudinal gray matter contraction in FTD. *NeuroImage*, **2007**, 35, 998-1003	7.9	75
76	Spatial normalization of lesioned brains: performance evaluation and impact on fMRI analyses. *NeuroImage*, **2007**, 37, 866-75	7.9	219
75	Diffusion-based spatial priors for imaging. *NeuroImage*, **2007**, 38, 677-95	7.9	60
74	Variational free energy and the Laplace approximation. *NeuroImage*, **2007**, 34, 220-34	7.9	557
73	Segmentation **2007**, 81-91		6
72	Unified segmentation. *NeuroImage*, **2005**, 26, 839-51	7.9	5615
71	The role of the medial temporal lobe in autistic spectrum disorders. *European Journal of Neuroscience*, **2005**, 22, 764-72	3.5	86
70	Early visual deprivation induces structural plasticity in gray and white matter. *Current Biology*, **2005**, 15, R488-90	6.3	139
69	Voxel-Based Morphometry of the Human Brain: Methods and Applications. *Current Medical Imaging* , **2005**, 1, 105-113	1.2	566
68	Progression of structural neuropathology in preclinical Huntington's disease: a tensor based morphometry study. *Journal of Neurology, Neurosurgery and Psychiatry*, **2005**, 76, 650-5	5.5	136
67	Rigid Body Registration **2004**, 635-653		2
66	Neurolinguistics: structural plasticity in the bilingual brain. *Nature*, **2004**, 431, 757	50.4	644
65	Generative and recognition models for neuroanatomy. *NeuroImage*, **2004**, 23, 21-4	7.9	116
64	Spatial Normalisation Using Basis Functions **2004**, 655-672		1
63	High-Dimensional Image Warping **2004**, 673-694		5
62	Image Segmentation **2004**, 695-706		1
61	Morphometry **2004**, 707-722		1

60	Dosage-sensitive X-linked locus influences the development of amygdala and orbitofrontal cortex, and fear recognition in humans. *Brain*, **2003**, 126, 2431-46	11.2	154
59	Computer-assisted imaging to assess brain structure in healthy and diseased brains. *Lancet Neurology, The*, **2003**, 2, 79-88	24.1	312
58	Changes in cerebral morphology consequent to peripheral autonomic denervation. *NeuroImage*, **2003**, 18, 908-16	7.9	26
57	Modeling regional and psychophysiologic interactions in fMRI: the importance of hemodynamic deconvolution. *NeuroImage*, **2003**, 19, 200-7	7.9	631
56	How to correct susceptibility distortions in spin-echo echo-planar images: application to diffusion tensor imaging. *NeuroImage*, **2003**, 20, 870-88	7.9	1557
55	MRI analysis of an inherited speech and language disorder: structural brain abnormalities. *Brain*, **2002**, 125, 465-78	11.2	321
54	Functional magnetic resonance imaging technology and traumatic brain injury rehabilitation: guidelines for methodological and conceptual pitfalls. *Journal of Head Trauma Rehabilitation*, **2002**, 17, 411-30	3	26
53	Image distortion correction in fMRI: A quantitative evaluation. *NeuroImage*, **2002**, 16, 217-40	7.9	530
52	Classical and Bayesian inference in neuroimaging: theory. *NeuroImage*, **2002**, 16, 465-83	7.9	456
51	Classical and Bayesian inference in neuroimaging: applications. *NeuroImage*, **2002**, 16, 484-512	7.9	576
50	The precision of anatomical normalization in the medial temporal lobe using spatial basis functions. *NeuroImage*, **2002**, 17, 507-12	7.9	57
49	Automatic differentiation of anatomical patterns in the human brain: validation with studies of degenerative dementias. *NeuroImage*, **2002**, 17, 29-46	7.9	360
48	Gene deletion mapping of the X chromosome. *NeuroImage*, **2001**, 13, 793	7.9	4
47	Assessing study-specific regional variations in fMRI signal. *NeuroImage*, **2001**, 13, 392-8	7.9	48
46	Voxel-based morphometry of herpes simplex encephalitis. *NeuroImage*, **2001**, 13, 623-31	7.9	87
45	Modeling geometric deformations in EPI time series. *NeuroImage*, **2001**, 13, 903-19	7.9	678
44	A global estimator unbiased by local changes. *NeuroImage*, **2001**, 13, 1193-206	7.9	25
43	A voxel-based morphometric study of ageing in 465 normal adult human brains. *NeuroImage*, **2001**, 14, 21-36	7.9	3734

42	Spatial normalization of brain images with focal lesions using cost function masking. *NeuroImage*, **2001**, 14, 486-500	7.9	712
41	Cerebral asymmetry and the effects of sex and handedness on brain structure: a voxel-based morphometric analysis of 465 normal adult human brains. *NeuroImage*, **2001**, 14, 685-700	7.9	1060
40	Learning arbitrary visuomotor associations: temporal dynamic of brain activity. *NeuroImage*, **2001**, 14, 1048-57	7.9	170
39	Why voxel-based morphometry should be used. *NeuroImage*, **2001**, 14, 1238-43	7.9	669
38	Image registration using a symmetric prior--in three dimensions. *Human Brain Mapping*, **2000**, 9, 212-25	5.9	141
37	Detecting bilateral abnormalities with voxel-based morphometry. *Human Brain Mapping*, **2000**, 11, 223-32	5.9	45
36	A voxel-based morphometry study of semantic dementia: Relationship between temporal lobe atrophy and semantic memory. *Annals of Neurology*, **2000**, 47, 36-45	9.4	800
35	Representation of the temporal envelope of sounds in the human brain. *Journal of Neurophysiology* , **2000**, 84, 1588-98	3.2	263
34	Learning- and expectation-related changes in the human brain during motor learning. *Journal of Neurophysiology*, **2000**, 84, 3026-35	3.2	109
33	Navigation-related structural change in the hippocampi of taxi drivers. *Proceedings of the National Academy of Sciences of the United States of America*, **2000**, 97, 4398-403	11.5	2108
32	Voxel-based morphometry--the methods. *NeuroImage*, **2000**, 11, 805-21	7.9	6561
31	Characterization and correction of interpolation effects in the realignment of fMRI time series. *NeuroImage*, **2000**, 11, 49-57	7.9	88
30	Optimization of 3-D MP-RAGE sequences for structural brain imaging. *NeuroImage*, **2000**, 12, 112-27	7.9	162
29	Frontal, midbrain and striatal dopaminergic function in early and advanced Parkinson's disease A 3D [(18)F]dopa-PET study. *Brain*, **1999**, 122 (Pt 9), 1637-50	11.2	228
28	Functional neuroimaging of speech perception in six normal and two aphasic subjects. *Journal of the Acoustical Society of America*, **1999**, 106, 449-57	2.2	164
27	Correlation between structural and functional changes in brain in an idiopathic headache syndrome. *Nature Medicine*, **1999**, 5, 836-8	50.5	446
26	Nonlinear spatial normalization using basis functions. *Human Brain Mapping*, **1999**, 7, 254-66	5.9	1470
25	Speed-dependent responses in V5: A replication study. *NeuroImage*, **1999**, 9, 508-15	7.9	56

24	The critical relationship between the timing of stimulus presentation and data acquisition in blocked designs with fMRI. *NeuroImage*, **1999**, 10, 36-44	7.9	81
23	Voxel-by-voxel comparison of automatically segmented cerebral gray matter--A rater-independent comparison of structural MRI in patients with epilepsy. *NeuroImage*, **1999**, 10, 373-84	7.9	167
22	High-dimensional image registration using symmetric priors. *NeuroImage*, **1999**, 9, 619-28	7.9	125
21	The neuroanatomy of autism: a voxel-based whole brain analysis of structural scans. *NeuroReport*, **1999**, 10, 1647-51	1.7	388
20	Nonlinear spatial normalization using basis functions **1999**, 7, 254		2
19	Nonlinear spatial normalization using basis functions **1999**, 7, 254		1
18	Nonlinear spatial normalization using basis functions **1999**, 7, 254		16
17	Identifying global anatomical differences: deformation-based morphometry. *Human Brain Mapping*, **1998**, 6, 348-57	5.9	282
16	Neural basis of an inherited speech and language disorder. *Proceedings of the National Academy of Sciences of the United States of America*, **1998**, 95, 12695-700	11.5	338
15	Absolute PET Quantification with Correction for Partial Volume Effects within Cerebral Structures 1 1Transcripts of the BRAINPET97 discussion of this chapter can be found in Section VIII. **1998**, 59-66		20
14	Cortical grey matter and benzodiazepine receptors in malformations of cortical development. A voxel-based comparison of structural and functional imaging data. *Brain*, **1997**, 120 (Pt 11), 1961-73	11.2	81
13	MRI and PET coregistration--a cross validation of statistical parametric mapping and automated image registration. *NeuroImage*, **1997**, 5, 271-9	7.9	100
12	Incorporating prior knowledge into image registration. *NeuroImage*, **1997**, 6, 344-52	7.9	375
11	Multimodal image coregistration and partitioning--a unified framework. *NeuroImage*, **1997**, 6, 209-17	7.9	796
10	Analysis of fMRI data using the general linear statistical model. *NeuroImage*, **1996**, 3, S102	7.9	2
9	Positron emission tomography metabolic data corrected for cortical atrophy using magnetic resonance imaging. *Alzheimer Disease and Associated Disorders*, **1996**, 10, 141-70	2.5	67
8	Linear dimension reduction of sequences of medical images: II. Direct sum decomposition. *Physics in Medicine and Biology*, **1995**, 40, 1921-41	3.8	14
7	Spatial registration and normalization of images. *Human Brain Mapping*, **1995**, 3, 165-189	5.9	2567

6	Quantitation of [11C]diprenorphine cerebral kinetics in man acquired by PET using presaturation, pulse-chase and tracer-only protocols. *Journal of Neuroscience Methods*, **1994**, 51, 123-34	3	43
5	Imaging transient, randomly occurring neuropsychological events in single subjects with positron emission tomography: an event-related count rate correlational analysis. *Journal of Cerebral Blood Flow and Metabolism*, **1994**, 14, 771-82	7.3	36
4	Dynamic monitoring of [11C]diprenorphine in rat brain using a prototype positron imaging device. *Journal of Neuroscience Methods*, **1991**, 40, 223-32	3	13
3	In vivo distribution of opioid receptors in man in relation to the cortical projections of the medial and lateral pain systems measured with positron emission tomography. *Neuroscience Letters*, **1991**, 126, 25-8	3.3	144
2	Spatial Registration of Images501-531		2
1	Multiple Linear Regression: Bayesian Inference for Distributed and Big Data in the Medical Informatics Platform of the Human Brain Project		3