John T Ashburner

List of Publications by Year
in descending order

187 papers	66,671 citations	4960 84 h-index	5255 165 g-index
207 all docs	207 docs citations	207 times ranked	41259 citing authors

#	Article	IF	Citations
1	Voxel-Based Morphometryâ€"The Methods. NeuroImage, 2000, 11, 805-821.	4.2	7,674
2	A fast diffeomorphic image registration algorithm. NeuroImage, 2007, 38, 95-113.	4.2	6,865
3	Unified segmentation. NeuroImage, 2005, 26, 839-851.	4.2	6,855
4	A Voxel-Based Morphometric Study of Ageing in 465 Normal Adult Human Brains. NeuroImage, 2001, 14, 21-36.	4.2	4,189
5	Spatial registration and normalization of images. Human Brain Mapping, 1995, 3, 165-189.	3.6	3,080
6	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, 4398-4403.	7.1	2,621
7	How to correct susceptibility distortions in spin-echo echo-planar images: application to diffusion tensor imaging. NeuroImage, 2003, 20, 870-888.	4.2	2,535
8	Evaluation of 14 nonlinear deformation algorithms applied to human brain MRI registration. NeuroImage, 2009, 46, 786-802.	4.2	1,988
9	Nonlinear spatial normalization using basis functions. Human Brain Mapping, 1999, 7, 254-266.	3.6	1,652
10	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.	4.2	1,189
11	Automatic classification of MR scans in Alzheimer's disease. Brain, 2008, 131, 681-689.	7.6	1,017
12	Multimodal Image Coregistration and Partitioningâ€"A Unified Framework. NeuroImage, 1997, 6, 209-217.	4.2	900
13	A voxel-based morphometry study of semantic dementia: Relationship between temporal lobe atrophy and semantic memory. Annals of Neurology, 2000, 47, 36-45.	5.3	899
14	Spatial Normalization of Brain Images with Focal Lesions Using Cost Function Masking. NeuroImage, 2001, 14, 486-500.	4.2	817
15	Structural plasticity in the bilingual brain. Nature, 2004, 431, 757-757.	27.8	808
16	Modeling Geometric Deformations in EPI Time Series. NeuroImage, 2001, 13, 903-919.	4.2	807
17	Why Voxel-Based Morphometry Should Be Used. NeuroImage, 2001, 14, 1238-1243.	4.2	767
18	Modeling regional and psychophysiologic interactions in fMRI: the importance of hemodynamic deconvolution. NeuroImage, 2003, 19, 200-207.	4.2	741

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19	Variational free energy and the Laplace approximation. NeuroImage, 2007, 34, 220-234.	4.2	737
20	Voxel-Based Morphometry of the Human Brain: Methods and Applications. Current Medical Imaging, 2005, 1, 105-113.	0.8	701
21	Evidence for Segregated and Integrative Connectivity Patterns in the Human Basal Ganglia. Journal of Neuroscience, 2008, 28, 7143-7152.	3.6	695
22	Classical and Bayesian Inference in Neuroimaging: Applications. NeuroImage, 2002, 16, 484-512.	4.2	658
23	Image Distortion Correction in fMRI: A Quantitative Evaluation. NeuroImage, 2002, 16, 217-240.	4.2	638
24	The first step for neuroimaging data analysis: DICOM to NIfTI conversion. Journal of Neuroscience Methods, 2016, 264, 47-56.	2.5	610
25	Classical and Bayesian Inference in Neuroimaging: Theory. NeuroImage, 2002, 16, 465-483.	4.2	537
26	Correlation between structural and functional changes in brain in an idiopathic headache syndrome. Nature Medicine, 1999, 5, 836-838.	30.7	533
27	A comparison between voxel-based cortical thickness and voxel-based morphometry in normal aging. NeuroImage, 2009, 48, 371-380.	4.2	504
28	Combining multivariate voxel selection and support vector machines for mapping and classification of fMRI spatial patterns. NeuroImage, 2008, 43, 44-58.	4.2	479
29	Computational anatomy with the SPM software. Magnetic Resonance Imaging, 2009, 27, 1163-1174.	1.8	468
30	The neuroanatomy of autism. NeuroReport, 1999, 10, 1647-1651.	1.2	439
31	Incorporating Prior Knowledge into Image Registration. NeuroImage, 1997, 6, 344-352.	4.2	427
32	Neural basis of an inherited speech and language disorder. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 12695-12700.	7.1	418
33	Automatic Differentiation of Anatomical Patterns in the Human Brain: Validation with Studies of Degenerative Dementias. NeuroImage, 2002, 17, 29-46.	4.2	399
34	SPM: A history. NeuroImage, 2012, 62, 791-800.	4.2	391
35	Accurate automatic estimation of total intracranial volume: A nuisance variable with less nuisance. NeuroImage, 2015, 104, 366-372.	4.2	371
36	MRI analysis of an inherited speech and language disorder: structural brain abnormalities. Brain, 2002, 125, 465-478.	7.6	368

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37	PRoNTo: Pattern Recognition for Neuroimaging Toolbox. Neuroinformatics, 2013, 11, 319-337.	2.8	367
38	Identifying global anatomical differences: Deformation-based morphometry. , 1998, 6, 348-357.		359
39	Diffeomorphic registration using geodesic shooting and Gaussâ€“Newton optimisation. NeuroImage, 2011, 55, 954-967.	4.2	357
40	Computer-assisted imaging to assess brain structure in healthy and diseased brains. Lancet Neurology, The, 2003, 2, 79-88.	10.2	354
41	Representation of the Temporal Envelope of Sounds in the Human Brain. Journal of Neurophysiology, 2000, 84, 1588-1598.	1.8	314
42	Confirmation of functional zones within the human subthalamic nucleus: Patterns of connectivity and sub-parcellation using diffusion weighted imaging. NeuroImage, 2012, 60, 83-94.	4.2	294
43	Regional specificity of MRI contrast parameter changes in normal ageing revealed by voxel-based quantification (VBQ). NeuroImage, 2011, 55, 1423-1434.	4.2	259
44	Spatial normalization of lesioned brains: Performance evaluation and impact on fMRI analyses. NeuroImage, 2007, 37, 866-875.	4.2	258
45	Symmetric diffeomorphic modeling of longitudinal structural MRI. Frontiers in Neuroscience, 2012, 6, 197.	2.8	256
46	Frontal, midbrain and striatal dopaminergic function in early and advanced Parkinson's disease A 3D [18F]dopa-PET study. Brain, 1999, 122, 1637-1650.	7.6	255
47	A Standardized [18F]-FDG-PET Template for Spatial Normalization in Statistical Parametric Mapping of Dementia. Neuroinformatics, 2014, 12, 575-593.	2.8	240
48	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.	10.2	239
49	Predicting clinical scores from magnetic resonance scans in Alzheimer's disease. NeuroImage, 2010, 51, 1405-1413.	4.2	235
50	Accuracy of dementia diagnosis--a direct comparison between radiologists and a computerized method. Brain, 2008, 131, 2969-2974.	7.6	222
51	Data sharing in neuroimaging research. Frontiers in Neuroinformatics, 2012, 6, 9.	2.5	219
52	Prognostic and Diagnostic Potential of the Structural Neuroanatomy of Depression. PLoS ONE, 2009, 4, e6353.	2.5	215
53	Computing average shaped tissue probability templates. NeuroImage, 2009, 45, 333-341.	4.2	213
54	Interpreting scan data acquired from multiple scanners: A study with Alzheimer's disease. NeuroImage, 2008, 39, 1180-1185.	4.2	200

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55	Subthalamic deep brain stimulation sweet spots and hyperdirect cortical connectivity in Parkinson's disease. NeuroImage, 2017, 158, 332-345.	4.2	197
56	Functional neuroimaging of speech perception in six normal and two aphasic subjects. Journal of the Acoustical Society of America, 1999, 106, 449-457.	1.1	193
57	Atrophy progression in semantic dementia with asymmetric temporal involvement: A tensor-based morphometry study. Neurobiology of Aging, 2009, 30, 103-111.	3.1	190
58	Learning Arbitrary Visuomotor Associations: Temporal Dynamic of Brain Activity. NeuroImage, 2001, 14, 1048-1057.	4.2	187
59	Voxel-based cortical thickness measurements in MRI. NeuroImage, 2008, 40, 1701-1710.	4.2	186
60	Voxel-by-Voxel Comparison of Automatically Segmented Cerebral Gray Matterâ€"A Rater-Independent Comparison of Structural MRI in Patients with Epilepsy. NeuroImage, 1999, 10, 373-384.	4.2	185
61	Optimization of 3-D MP-RAGE Sequences for Structural Brain Imaging. NeuroImage, 2000, 12, 112-127.	4.2	179
62	Bayesian decoding of brain images. NeuroImage, 2008, 39, 181-205.	4.2	171
63	fMRI Activity Patterns in Human LOC Carry Information about Object Exemplars within Category. Journal of Cognitive Neuroscience, 2008, 20, 356-370.	2.3	171
64	Dosageâ€sensitive Xâ€linked locus influences the development of amygdala and orbitofrontal cortex, and fear recognition in humans. Brain, 2003, 126, 2431-2446.	7.6	168
65	Unified segmentation based correction of R1 brain maps for RF transmit field inhomogeneities (UNICORT). NeuroImage, 2011, 54, 2116-2124.	4.2	168
66	Early visual deprivation induces structural plasticity in gray and white matter. Current Biology, 2005, 15, R488-R490.	3.9	167
67	Improved segmentation of deep brain grey matter structures using magnetization transfer (MT) parameter maps. NeuroImage, 2009, 47, 194-198.	4.2	164
68	Progression of structural neuropathology in preclinical Huntington's disease: a tensor based morphometry study. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 76, 650-655.	1.9	163
69	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, 25-28.	2.1	162
70	hMRI â€“ A toolbox for quantitative MRI in neuroscience and clinical research. NeuroImage, 2019, 194, 191-210.	4.2	161
71	Image registration using a symmetric priorâ€"in three dimensions. Human Brain Mapping, 2000, 9, 212-225.	3.6	160
72	Connectivity derived thalamic segmentation in deep brain stimulation for tremor. NeuroImage: Clinical, 2018, 18, 130-142.	2.7	154

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73	High-Dimensional Image Registration Using Symmetric Priors. NeuroImage, 1999, 9, 619-628.	4.2	146
74	Generative and recognition models for neuroanatomy. NeuroImage, 2004, 23, 21-24.	4.2	127
75	Learning- and Expectation-Related Changes in the Human Brain During Motor Learning. Journal of Neurophysiology, 2000, 84, 3026-3035.	1.8	122
76	MRI and PET Coregistrationâ€"A Cross Validation of Statistical Parametric Mapping and Automated Image Registration. NeuroImage, 1997, 5, 271-279.	4.2	115
77	The role of the medial temporal lobe in autistic spectrum disorders. European Journal of Neuroscience, 2005, 22, 764-772.	2.6	105
78	Normal variation in fronto-occipital circuitry and cerebellar structure with an autism-associated polymorphism of CNTNAP2. NeuroImage, 2010, 53, 1030-1042.	4.2	105
79	Characterization and Correction of Interpolation Effects in the Realignment of fMRI Time Series. NeuroImage, 2000, 11, 49-57.	4.2	104
80	Structural Correlates of Preterm Birth in the Adolescent Brain. Pediatrics, 2009, 124, e964-e972.	2.1	100
81	Cortical grey matter and benzodiazepine receptors in malformations of cortical development. A voxel-based comparison of structural and functional imaging data. Brain, 1997, 120, 1961-1973.	7.6	99
82	Spinal cord grey matter segmentation challenge. NeuroImage, 2017, 152, 312-329.	4.2	97
83	Progressive neurodegeneration following spinal cord injury. Neurology, 2018, 90, e1257-e1266.	1.1	97
84	Voxel-Based Morphometry of Herpes Simplex Encephalitis. NeuroImage, 2001, 13, 623-631.	4.2	96
85	Recommendations to improve imaging and analysis of brain lesion load and atrophy in longitudinal studies of multiple sclerosis. Journal of Neurology, 2013, 260, 2458-2471.	3.6	96
86	Automatic detection of preclinical neurodegeneration. Neurology, 2009, 72, 426-431.	1.1	91
87	Positron Emission Tomography Metabolic Data Corrected for Cortical Atrophy Using Magnetic Resonance Imaging. Alzheimer Disease and Associated Disorders, 1996, 10, 141-170.	1.3	88
88	Neurobiological origin of spurious brain morphological changes: A quantitative MRI study. Human Brain Mapping, 2016, 37, 1801-1815.	3.6	87
89	The Critical Relationship between the Timing of Stimulus Presentation and Data Acquisition in Blocked Designs with fMRI. NeuroImage, 1999, 10, 36-44.	4.2	86
90	A tensor based morphometry study of longitudinal gray matter contraction in FTD. NeuroImage, 2007, 35, 998-1003.	4.2	84

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91	Tracking sensory system atrophy and outcome prediction in spinal cord injury. Annals of Neurology, 2015, 78, 751-761.	5.3	77
92	Voxel-Based Morphometry. , 2007, , 92-98.		72
93	Kernel regression for fMRI pattern prediction. NeuroImage, 2011, 56, 662-673.	4.2	69
94	Disentangling in vivo the effects of iron content and atrophy on the ageing human brain. NeuroImage, 2014, 103, 280-289.	4.2	68
95	Diffusion-based spatial priors for imaging. NeuroImage, 2007, 38, 677-695.	4.2	65
96	Genotypeâ€“phenotype interactions in primary dystonias revealed by differential changes in brain structure. NeuroImage, 2009, 47, 1141-1147.	4.2	62
97	The Precision of Anatomical Normalization in the Medial Temporal Lobe Using Spatial Basis Functions. NeuroImage, 2002, 17, 507-512.	4.2	60
98	Speed-Dependent Responses in V5: A Replication Study. NeuroImage, 1999, 9, 508-515.	4.2	59
99	Multiparametric brainstem segmentation using a modified multivariate mixture of Gaussians. NeuroImage: Clinical, 2013, 2, 684-694.	2.7	58
100	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.	4.2	57
101	Optimal deep brain stimulation site and target connectivity for chronic cluster headache. Neurology, 2017, 89, 2083-2091.	1.1	55
102	Assessing Study-Specific Regional Variations in fMRI Signal. NeuroImage, 2001, 13, 392-398.	4.2	54
103	Detecting bilateral abnormalities with voxel-based morphometry. Human Brain Mapping, 2000, 11, 223-232.	3.6	50
104	Characterizing Aging in the Human Brainstem Using Quantitative Multimodal MRI Analysis. Frontiers in Human Neuroscience, 2013, 7, 462.	2.0	50
105	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, 123-134.	2.5	47
106	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, 771-782.	4.3	41
107	Multivariate models of inter-subject anatomical variability. NeuroImage, 2011, 56, 422-439.	4.2	39
108	Automated, High Accuracy Classification of Parkinsonian Disorders: A Pattern Recognition Approach. PLoS ONE, 2013, 8, e69237.	2.5	39

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109	Embodied neurology: an integrative framework for neurological disorders. Brain, 2016, 139, 1855-1861.	7.6	39
110	Rigid Body Registration. , 2007, , 49-62.		38
111	<scp>l</scp>-Dopa responsiveness is associated with distinctive connectivity patterns in advanced Parkinson's disease. Movement Disorders, 2017, 32, 874-883.	3.9	37
112	Identification of neurobehavioural symptom groups based on shared brain mechanisms. Nature Human Behaviour, 2019, 3, 1306-1318.	12.0	37
113	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.		36
114	Functional Magnetic Resonance Imaging Technology and Traumatic Brain Injury Rehabilitation. Journal of Head Trauma Rehabilitation, 2002, 17, 411-430.	1.7	34
115	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.	4.2	33
116	A comparison of various MRI feature types for characterizing whole brain anatomical differences using linear pattern recognition methods. NeuroImage, 2018, 178, 753-768.	4.2	33
117	Age- and Sex-Related Variations in the Brain White Matter Fractal Dimension Throughout Adulthood: An MRI Study. Clinical Neuroradiology, 2015, 25, 19-32.	1.9	32
118	A modality-adaptive method for segmenting brain tumors and organs-at-risk in radiation therapy planning. Medical Image Analysis, 2019, 54, 220-237.	11.6	31
119	Changes in cerebral morphology consequent to peripheral autonomic denervation. NeuroImage, 2003, 18, 908-916.	4.2	30
120	A Global Estimator Unbiased by Local Changes. NeuroImage, 2001, 13, 1193-1206.	4.2	29
121	Generative diffeomorphic modelling of large MRI data sets for probabilistic template construction. NeuroImage, 2018, 166, 117-134.	4.2	29
122	Utilizing temporal information in fMRI decoding: Classifier using kernel regression methods. NeuroImage, 2011, 58, 560-571.	4.2	26
123	Parametric non-rigid registration using a stationary velocity field. , 2012, , .		25
124	Dynamic Positron Emission Tomography Data-Driven Analysis Using Sparse Bayesian Learning. IEEE Transactions on Medical Imaging, 2008, 27, 1356-1369.	8.9	24
125	Multivariate decoding of brain images using ordinal regression. NeuroImage, 2013, 81, 347-357.	4.2	24
126	Example dataset for the hMRI toolbox. Data in Brief, 2019, 25, 104132.	1.0	24

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127	Multivariate dynamical modelling of structural change during development. NeuroImage, 2017, 147, 746-762.	4.2	22
128	Restoring statistical validity in group analyses of motionâ€corrupted <scp>MRI</scp> data. Human Brain Mapping, 2022, 43, 1973-1983.	3.6	20
129	Nonlinear spatial normalization using basis functions. Human Brain Mapping, 1999, 7, 254-266.	3.6	18
130	Linear dimension reduction of sequences of medical images: II. Direct sum decomposition. Physics in Medicine and Biology, 1995, 40, 1921-1941.	3.0	15
131	Relationship between brainstem neurodegeneration and clinical impairment in traumatic spinal cord injury. NeuroImage: Clinical, 2017, 15, 494-501.	2.7	15
132	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, 2021, 92, 418-424.	1.9	15
133	Rigid Body Registration. , 2004, , 635-653.		14
134	A Symmetric Prior for the Regularisation of Elastic Deformations: Improved anatomical plausibility in nonlinear image registration. NeuroImage, 2020, 219, 116962.	4.2	14
135	Dynamic monitoring of [11C]diprenorphine in rat brain using a prototype positron imaging device. Journal of Neuroscience Methods, 1991, 40, 223-232.	2.5	13
136	Non-linear Registration. , 2007, , 63-80.		13
137	Variational inference for medical image segmentation. Computer Vision and Image Understanding, 2016, 151, 14-28.	4.7	13
138	An Image Registration-Based Method forÂEPIÂDistortion Correction Based onÂOpposite Phase Encoding (COPE). Lecture Notes in Computer Science, 2020, , 122-130.	1.3	12
139	A plea for confidence intervals and consideration of generalizability in diagnostic studies. Brain, 2008, 132, e102-e102.	7.6	10
140	Real-time fMRI data for testing OpenNFT functionality. Data in Brief, 2017, 14, 344-347.	1.0	10
141	Simultaneous voxelâ€wise analysis of brain and spinal cord morphometry and microstructure within the <scp>SPM</scp> framework. Human Brain Mapping, 2021, 42, 220-232.	3.6	10
142	Microstructural plasticity in nociceptive pathways after spinal cord injury. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 863-871.	1.9	10
143	MRI Super-Resolution Using Multi-channel Total Variation. Communications in Computer and Information Science, 2018, , 217-228.	0.5	10
144	Segmentation. , 2007, , 81-91.		9

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145	Flexible Bayesian Modelling for Nonlinear Image Registration. Lecture Notes in Computer Science, 2020, , 253-263.	1.3	9
146	Objective Bayesian fMRI analysisÃ¢â‚¬â€ pilot study in different clinical environments. Frontiers in Neuroscience, 2015, 9, 168.	2.8	8
147	A Comparison of Strategies for Incorporating Nuisance Variables into Predictive Neuroimaging Models. , 2015, , .		8
148	Uncertainty analysis of MR-PET image registration for precision neuro-PET imaging. NeuroImage, 2021, 232, 117821.	4.2	8
149	Ventralis intermedius nucleus anatomical variability assessment by MRI structural connectivity. NeuroImage, 2021, 238, 118231.	4.2	8
150	Voxel-wise analysis of diffusion tensor MRI improves the confidence of diagnosis of corticobasal degeneration non-invasively. Parkinsonism and Related Disorders, 2008, 14, 436-439.	2.2	7
151	Wrapper Methods to Correct Mislabelled Training Data. , 2013, , .		7
152	Author response: Progressive neurodegeneration following spinal cord injury: Implications for clinical trials. Neurology, 2018, 91, 985-985.	1.1	7
153	The influence of microsatellite polymorphisms in sex steroid receptor genes ESR1, ESR2 and AR on sex differences in brain structure. NeuroImage, 2020, 221, 117087.	4.2	7
154	Preparing fMRI Data for Statistical Analysis. Neuromethods, 2009, , 151-178.	0.3	7
155	Measuring the Consistency of Global Functional Connectivity Using Kernel Regression Methods. , 2011, , .		6
156	Log-Euclidean free-form deformation. , 2011, , .		6
157	An algorithm for learning shape and appearance models without annotations. Medical Image Analysis, 2019, 55, 197-215.	11.6	6
158	Gene deletion mapping of the X chromosome. NeuroImage, 2001, 13, 793.	4.2	5
159	Voxel Based Morphometry. , 2009, , 471-477.		5
160	Classification of Alzheimer's disease patients and controls with Gaussian processes. , 2012, , .		5
161	High-Dimensional Image Warping. , 2004, , 673-694.		5
162	Simultaneous assessment of regional distributions of atrophy across the neuraxis in MS patients. NeuroImage: Clinical, 2022, 34, 102985.	2.7	5

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163	Correcting interâ€scan motion artifacts in quantitative R ₁ mapping at 7T. Magnetic Resonance in Medicine, 2022, , .	3.0	5
164	Nonlinear Markov Random Fields Learned via Backpropagation. Lecture Notes in Computer Science, 2019, , 805-817.	1.3	4
165	Factorisation-Based Image Labelling. Frontiers in Neuroscience, 2021, 15, 818604.	2.8	4
166	Spatial Registration of Images. , 0, , 501-531.		3
167	Model-based multi-parameter mapping. Medical Image Analysis, 2021, 73, 102149.	11.6	3
168	Nonlinear spatial normalization using basis functions. , 1999, 7, 254.		3
169	Spatial Normalisation Using Basis Functions. , 2004, , 655-672.		3
170	Morphometry. , 2004, , 707-722.		3
171	Analysis of fMRI data using the general linear statistical model. NeuroImage, 1996, 3, S102.	4.2	2
172	Kernel methods for fMRI pattern prediction. , 2008, , .		2
173	Classification of Neurodegenerative Diseases Using Gaussian Process Classification with Automatic Feature Determination. , 2010, , .		2
174	Multivariate Effect Ranking via Adaptive Sparse PLS. , 2015, , .		2
175	Tensor-Based Morphometry. , 2015, , 383-394.		2
176	Computing Brain Change over Time. , 2015, , 417-428.		2
177	Preparing fMRI Data for Statistical Analysis. Neuromethods, 2016, , 155-181.	0.3	2
178	Image Segmentation. , 2004, , 695-706.		2
179	Bayesian Volumetric Autoregressive Generative Models for Better Semisupervised Learning. Lecture Notes in Computer Science, 2019, , 429-437.	1.3	2
180	Improving MRI Brain Image Classification with Anatomical Regional Kernels. Lecture Notes in Computer Science, 2015, , 45-53.	1.3	1

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181	Nonlinear spatial normalization using basis functions. , 1999, 7, 254.		1
182	Diffeomorphic Brain Shape Modelling Using Gauss-Newton Optimisation. Lecture Notes in Computer Science, 2018, , 862-870.	1.3	1
183	Empirical Bayesian Mixture Models for Medical Image Translation. Lecture Notes in Computer Science, 2019, , 1-12.	1.3	1
184	Image warping using empirical Bayes. NeuroImage, 2001, 13, 64.	4.2	0
185	Patterns of cerebral atrophy in Alzheimer's disease and semantic dementia: A comparison of voxel based morphometry and region of interest measurements. NeuroImage, 2001, 13, 317.	4.2	0
186	Diffeomorphic Image Registration. , 2015, , 315-321.		0
187	Leveraging Clinical Data to Enhance Localization of Brain Atrophy. Lecture Notes in Computer Science, 2016, , 60-68.	1.3	0