Michael J Fulham

List of Publications by Year
in descending order

255 papers	10,263 citations	38742 50 h-index	40979 93 g-index
261 all docs	261 docs citations	261 times ranked	11341 citing authors

#	Article	IF	Citations
1	Biomarker clustering in autosomal dominant Alzheimer's disease. Alzheimer's and Dementia, 2023, 19, 274-284.	0.8	2
2	Hyper-fusion network for semi-automatic segmentation of skin lesions. Medical Image Analysis, 2022, 76, 102334.	11.6	12
3	Fused feature signatures to probe tumour radiogenomics relationships. Scientific Reports, 2022, 12, 2173.	3.3	3
4	An attention-enhanced cross-task network to analyse lung nodule attributes in CT images. Pattern Recognition, 2022, 126, 108576.	8.1	21
5	Synthesis of 68Ga-radiopharmaceuticals using both generator-derived and cyclotron-produced 68Ga as exemplified by [68Ga]Ga-PSMA-11 for prostate cancer PET imaging. Nature Protocols, 2022, 17, 980-1003.	12.0	7
6	Spinal Cord Presentation of Biopsy-Proven PET-Positive Giant Cell Arteritis. Neurology, 2022, , 10.1212/WNL.0000000000200749.	1.1	0
7	Graph-Based Intercategory and Intermodality Network for Multilabel Classification and Melanoma Diagnosis of Skin Lesions in Dermoscopy and Clinical Images. IEEE Transactions on Medical Imaging, 2022, 41, 3266-3277.	8.9	5
8	Pattern and degree of individual brain atrophy predicts dementia onset in dominantly inherited Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12197.	2.4	4
9	Design, Synthesis, and Biological Evaluation of Novel Fluorescent Probes Targeting the 18â€kDa Translocator Protein. ChemMedChem, 2021, 16, 1902-1916.	3.2	5
10	Automatic identification of myopic maculopathy related imaging features in optic disc region via machine learning methods. Journal of Translational Medicine, 2021, 19, 167.	4.4	8
11	Recurrent feature fusion learning for multi-modality pet-ct tumor segmentation. Computer Methods and Programs in Biomedicine, 2021, 203, 106043.	4.7	24
12	082â€...Fulminant ADEM mimicking a glial tumour. , 2021, , .		0
13	069â€...A putative mechanism for subcortical aphasia. , 2021, , .		0
14	Unsupervised brain tumor segmentation using a symmetric-driven adversarial network. Neurocomputing, 2021, 455, 242-254.	5.9	31
15	18F-FDG PET/CT Radiomics for Preoperative Prediction of Lymph Node Metastases and Nodal Staging in Gastric Cancer. Frontiers in Oncology, 2021, 11, 723345.	2.8	23
16	Multimodal Spatial Attention Module for Targeting Multimodal PET-CT Lung Tumor Segmentation. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3507-3516.	6.3	74
17	Modeling autosomal dominant Alzheimer's disease with machine learning. Alzheimer's and Dementia, 2021, 17, 1005-1016.	0.8	12
18	Synthesis and pharmacological evaluation of [¹⁸F]PBR316: a novel PET ligand targeting the translocator protein 18 kDa (TSPO) with low binding sensitivity to human single nucleotide polymorphism rs6971. RSC Medicinal Chemistry, 2021, 12, 1207-1221.	3.9	7

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19	Longitudinal Accumulation of Cerebral Microhemorrhages in Dominantly Inherited Alzheimer Disease. Neurology, 2021, 96, e1632-e1645.	1.1	16
20	Malignant Peritoneal Mesothelioma With EWSR1-ATF1 Fusion: A Case Report. JTO Clinical and Research Reports, 2021, 2, 100236.	1.1	2
21	Diaschisis: a mechanism for subcortical aphasia?. Journal of Neurology, 2021, , 1.	3.6	0
22	Imaging of patients with multiple myeloma and associated plasma cell disorders: consensus practice statement by the Medical Scientific Advisory Group to Myeloma Australia. Internal Medicine Journal, 2021, 51, 1707-1712.	0.8	1
23	An Intraocular Thymic Metastasis Identified on 18F-FDG PET/CT Before and After Treatment. Clinical Nuclear Medicine, 2021, 46, 240-242.	1.3	1
24	Predicting distant metastases in soft-tissue sarcomas from PET-CT scans using constrained hierarchical multi-modality feature learning. Physics in Medicine and Biology, 2021, 66, 245004.	3.0	2
25	Lenalidomide Consolidation Added to Rituximab Maintenance Therapy in Patients Remaining PET Positive after Treatment for Relapsed Follicular Lymphoma: Phase 2 Australasian Leukaemia & Lymphoma Group NHL26 Study. Blood, 2021, 138, 2428-2428.	1.4	0
26	Developing a protocol for neuroimaging to investigate brain ageing and dementia in collaboration with aboriginal Australian communities. Alzheimer's and Dementia, 2021, 17, .	0.8	0
27	Co-Learning Feature Fusion Maps From PET-CT Images of Lung Cancer. IEEE Transactions on Medical Imaging, 2020, 39, 204-217.	8.9	144
28	Image-based biomedical data modeling and parametric imaging. , 2020, , 461-521.		0
29	Biomedical image visualization and display technologies. , 2020, , 561-583.		1
30	Comparing cortical signatures of atrophy between late-onset and autosomal dominant Alzheimer disease. NeuroImage: Clinical, 2020, 28, 102491.	2.7	17
31	Cyclotron-based production of 68Ga, [68Ga]GaCl3, and [68Ga]Ga-PSMA-11 from a liquid target. EJNMMI Radiopharmacy and Chemistry, 2020, 5, 25.	3.9	54
32	Multi-Label classification of multi-modality skin lesion via hyper-connected convolutional neural network. Pattern Recognition, 2020, 107, 107502.	8.1	63
33	Unsupervised Domain Adaptation to Classify Medical Images Using Zero-Bias Convolutional Auto-Encoders and Context-Based Feature Augmentation. IEEE Transactions on Medical Imaging, 2020, 39, 2385-2394.	8.9	27
34	18F-FDG PET/CT radiomic predictors of pathologic complete response (pCR) to neoadjuvant chemotherapy in breast cancer patients. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 1116-1126.	6.4	60
35	Unsupervised Positron Emission Tomography Tumor Segmentation via GAN based Adversarial Auto-Encoder. , 2020, , .		5
36	Multi-modality Information Fusion for Radiomics-Based Neural Architecture Search. Lecture Notes in Computer Science, 2020, , 763-771.	1.3	2

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37	Step-wise integration of deep class-specific learning for dermoscopic image segmentation. Pattern Recognition, 2019, 85, 78-89.	8.1	141
38	Rheumatoid leptomeningitis presenting with an acute neuropsychiatric disorder. Practical Neurology, 2019, 19, 68-71.	1.1	15
39	A web-based multidisciplinary team meeting visualisation system. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 2221-2231.	2.8	4
40	Improving Skin Lesion Segmentation via Stacked Adversarial Learning. , 2019, , .		16
41	Optimizing Contextual Feature Learning for Mitosis Detection with Convolutional Recurrent Neural Networks. , 2019, , .		4
42	Unsupervised Deep Transfer Feature Learning for Medical Image Classification. , 2019, , .		27
43	A direct volume rendering visualization approach for serial PETâ€“CT scans that preserves anatomical consistency. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 733-744.	2.8	4
44	Convolutional sparse kernel network for unsupervised medical image analysis. Medical Image Analysis, 2019, 56, 140-151.	11.6	24
45	Comparison of Pittsburgh compound B and florbetapir in crossâ€sectional and longitudinal studies. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 180-190.	2.4	84
46	Deep multi-modality collaborative learning for distant metastases predication in PET-CT soft-tissue sarcoma studies. , 2019, 2019, 3658-3688.		17
47	A propagation-DNN: Deep combination learning of multi-level features for MR prostate segmentation. Computer Methods and Programs in Biomedicine, 2019, 170, 11-21.	4.7	37
48	Knowledge-based Collaborative Deep Learning for Benign-Malignant Lung Nodule Classification on Chest CT. IEEE Transactions on Medical Imaging, 2019, 38, 991-1004.	8.9	317
49	Unsupervised Two-Path Neural Network for Cell Event Detection and Classification Using Spatiotemporal Patterns. IEEE Transactions on Medical Imaging, 2019, 38, 1477-1487.	8.9	14
50	Classification of Medical Images in the Biomedical Literature by Jointly Using Deep and Handcrafted Visual Features. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1521-1530.	6.3	84
51	Impact of salvage treatment modalities in patients with positive FDGâ€PET/CT after Râ€CHOP chemotherapy for aggressive Bâ€cell nonâ€Hodgkin lymphoma. Journal of Medical Imaging and Radiation Oncology, 2018, 62, 432-439.	1.8	1
52	The combined therapeutic effects of 131iodine-labeled multifunctional copper sulfide-loaded microspheres in treating breast cancer. Acta Pharmaceutica Sinica B, 2018, 8, 371-380.	12.0	31
53	Topology-guided deformable registration with local importance preservation for biomedical images. Physics in Medicine and Biology, 2018, 63, 015028.	3.0	0
54	Feature of Interestâ€Based Direct Volume Rendering Using Contextual Saliencyâ€Driven Ray Profile Analysis. Computer Graphics Forum, 2018, 37, 5-19.	3.0	2

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55	A topo-graph model for indistinct target boundary definition from anatomical images. Computer Methods and Programs in Biomedicine, 2018, 159, 211-222.	4.7	6
56	Fusing texture, shape and deep model-learned information at decision level for automated classification of lung nodules on chest CT. Information Fusion, 2018, 42, 102-110.	19.1	185
57	Atlas registration and ensemble deep convolutional neural network-based prostate segmentation using magnetic resonance imaging. Neurocomputing, 2018, 275, 1358-1369.	5.9	68
58	043â€…Rheumatoid leptomeningitis: an acute presentation of neuropsychiatric disturbance. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, A18.1-A18.	1.9	0
59	NMDA receptor antibody in teratoma-related opsoclonus-myoclonus syndrome. Journal of Clinical Neuroscience, 2018, 58, 203-204.	1.5	9
60	Cross-cohort dementia identification using transfer learning with FDG-PET imaging. , 2018, , .		1
61	¹³¹I-Labeled Copper Sulfide-Loaded Microspheres to Treat Hepatic Tumors via Hepatic Artery Embolization. Theranostics, 2018, 8, 785-799.	10.0	43
62	A Critical Role for Intratumoral and Circulating LAG3 in Classical Hodgkin Lymphoma: Analysis from the Rathl Prospective Phase III International Clinical Trial. Blood, 2018, 132, 1621-1621.	1.4	3
63	Occlusion and Slice-Based Volume Rendering Augmentation for PET-CT. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 1005-1014.	6.3	9
64	Saliency-Based Lesion Segmentation Via Background Detection in Dermoscopic Images. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 1685-1693.	6.3	123
65	Early identification of mild cognitive impairment using incomplete random forest-robust support vector machine and FDG-PET imaging. Computerized Medical Imaging and Graphics, 2017, 60, 35-41.	5.8	28
66	Stacked fully convolutional networks with multi-channel learning: application to medical image segmentation. Visual Computer, 2017, 33, 1061-1071.	3.5	43
67	Cell image segmentation using bacterial foraging optimization. Applied Soft Computing Journal, 2017, 58, 770-782.	7.2	26
68	Prostate segmentation in MR images using ensemble deep convolutional neural networks. , 2017, , .		14
69	Dermoscopic Image Segmentation via Multistage Fully Convolutional Networks. IEEE Transactions on Biomedical Engineering, 2017, 64, 2065-2074.	4.2	237
70	Acute unilateral peripheral vestibulopathy in neurosyphilis. Journal of the Neurological Sciences, 2017, 378, 55-58.	0.6	7
71	Automatic detection and classification of regions of FDG uptake in whole-body PET-CT lymphoma studies. Computerized Medical Imaging and Graphics, 2017, 60, 3-10.	5.8	55
72	An Ensemble of Fine-Tuned Convolutional Neural Networks for Medical Image Classification. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 31-40.	6.3	360

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73	Safety and activity of microRNA-loaded minicells in patients with recurrent malignant pleural mesothelioma: a first-in-man, phase 1, open-label, dose-escalation study. Lancet Oncology, The, 2017, 18, 1386-1396.	10.7	508
74	Transferable Multi-model Ensemble for Benign-Malignant Lung Nodule Classification on Chest CT. Lecture Notes in Computer Science, 2017, , 656-664.	1.3	43
75	Alternate HPLC method for the analysis of tetrabutylammonium hydroxide in [¹⁸F]fluorodeoxythymidine (FLT). Journal of Liquid Chromatography and Related Technologies, 2017, 40, 667-670.	1.0	6
76	Adrenal lesions detection on low-contrast CT images using fully convolutional networks with multi-scale integration. , 2017, , .		1
77	Semi-automatic skin lesion segmentation via fully convolutional networks. , 2017, , .		18
78	Automatic segmentation of overlapping cervical smear cells based on local distinctive features and guided shape deformation. Neurocomputing, 2017, 221, 94-107.	5.9	51
79	Multi-view collaborative segmentation for prostate MRI images. , 2017, 2017, 3529-3532.		1
80	Synthesis of Positron Emission Tomography (PET) Images via Multi-channel Generative Adversarial Networks (GANs). Lecture Notes in Computer Science, 2017, , 43-51.	1.3	57
81	Automatic melanoma detection via multi-scale lesion-biased representation and joint reverse classification. , 2016, , .		47
82	X-ray image classification using domain transferred convolutional neural networks and local sparse spatial pyramid. , 2016, , .		19
83	A combinatorial Bayesian and Dirichlet model for prostate MR image segmentation using probabilistic image features. Physics in Medicine and Biology, 2016, 61, 6085-6104.	3.0	4
84	Efficient visibility-driven medical image visualisation via adaptive binned visibility histogram. Computerized Medical Imaging and Graphics, 2016, 51, 40-49.	5.8	6
85	PET-CT for staging and early response: results from the Response-Adapted Therapy in Advanced Hodgkin Lymphoma study. Blood, 2016, 127, 1531-1538.	1.4	143
86	Clique Identification and Propagation for Multimodal Brain Tumor Image Segmentation. Lecture Notes in Computer Science, 2016, , 285-294.	1.3	3
87	Automated skin lesion segmentation via image-wise supervised learning and multi-scale superpixel based cellular automata. , 2016, , .		48
88	An intuitive Sketch-based Transfer Function Design via Contextual and Regional Labelling. , 2016, , .		0
89	Adapted Treatment Guided by Interim PET-CT Scan in Advanced Hodgkinâ€™s Lymphoma. New England Journal of Medicine, 2016, 374, 2419-2429.	27.0	629
90	Programmed cell death-1 blockade in recurrent disseminated Ewing sarcoma. Journal of Hematology and Oncology, 2016, 9, 48.	17.0	28

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91	Dictionary pruning with visual word significance for medical image retrieval. Neurocomputing, 2016, 177, 75-88.	5.9	27
92	Pairwise Latent Semantic Association for Similarity Computation in Medical Imaging. IEEE Transactions on Biomedical Engineering, 2016, 63, 1058-1069.	4.2	19
93	Adapting content-based image retrieval techniques for the semantic annotation of medical images. Computerized Medical Imaging and Graphics, 2016, 49, 37-45.	5.8	43
94	Primary lung tumor segmentation from PETâ€“CT volumes with spatialâ€“topological constraint. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 19-29.	2.8	15
95	Automated thresholded region classification using a robust feature selection method for PET-CT. , 2015, , .		0
96	A Locally Constrained Random Walk Approach for Airway Segmentation of Low-Contrast Computed Tomography (CT) Image. , 2015, , .		0
97	Brown Fat FDG Uptake Abolished By Radiotherapy. Clinical Nuclear Medicine, 2015, 40, 437-438.	1.3	2
98	Multimodal neuroimaging computing: a review of the applications in neuropsychiatric disorders. Brain Informatics, 2015, 2, 167-180.	3.0	115
99	The relationship between neuropsychological functioning and FDG-PET hypometabolism in intractable mesial temporal lobe epilepsy. Epilepsy and Behavior, 2015, 44, 136-142.	1.7	17
100	A Visual Analytics Approach Using the Exploration of Multidimensional Feature Spaces for Content-Based Medical Image Retrieval. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1734-1746.	6.3	22
101	A Significant Metabolic and Radiological Response after a Novel Targeted MicroRNA-based Treatment Approach in Malignant Pleural Mesothelioma. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 1467-1469.	5.6	66
102	Topology polymorphism graph for lung tumor segmentation in PET-CT images. Physics in Medicine and Biology, 2015, 60, 4893-4914.	3.0	29
103	Multimodal Neuroimaging Feature Learning for Multiclass Diagnosis of Alzheimer's Disease. IEEE Transactions on Biomedical Engineering, 2015, 62, 1132-1140.	4.2	432
104	Large Margin Local Estimate With Applications to Medical Image Classification. IEEE Transactions on Medical Imaging, 2015, 34, 1362-1377.	8.9	66
105	Multimodal neuroimaging computing: the workflows, methods, and platforms. Brain Informatics, 2015, 2, 181-195.	3.0	22
106	Automated saliency-based lesion segmentation in dermoscopic images. , 2015, 2015, 3009-12.		39
107	Supervised Variational Model With Statistical Inference and Its Application in Medical Image Segmentation. IEEE Transactions on Biomedical Engineering, 2015, 62, 196-207.	4.2	29
108	Opacity-driven volume clipping for slice of interest (SOI) visualisation of multi-modality PET-CT volumes. , 2014, 2014, 6714-7.		2

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109	Automated Identification of Dementia Using FDG-PET Imaging. BioMed Research International, 2014, 2014, 1-8.	1.9	19
110	A new statistical and Dirichlet integral framework applied to liver segmentation from volumetric CT images. , 2014, , .		4
111	Classification of thresholded regions based on selective use of PET, CT and PET-CT image features. , 2014, 2014, 1913-6.		2
112	Efficient PET-CT image retrieval using graphs embedded into a vector space. , 2014, 2014, 1901-4.		3
113	Automated feedback extraction for medical imaging retrieval. , 2014, , .		9
114	Bruxismâ€"Before and After Imagesâ€"on 18F-FDG PET/CT. Clinical Nuclear Medicine, 2014, 39, 564-566.	1.3	2
115	Metabolic Changes in Occipital Lobe Epilepsy with Automatisms. Frontiers in Neurology, 2014, 5, 135.	2.4	5
116	PET/CT assessment in follicular lymphoma using standardized criteria: central review in the PRIMA study. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 408-415.	6.4	39
117	A graph-based approach for the retrieval of multi-modality medical images. Medical Image Analysis, 2014, 18, 330-342.	11.6	35
118	The cognitive profile of occipital lobe epilepsy and the selective association of left temporal lobe hypometabolism with verbal memory impairment. Epilepsia, 2014, 55, e80-4.	5.1	14
119	A ranking-based lung nodule image classification method using unlabeled image knowledge. , 2014, , .		9
120	Lung Nodule Classification With Multilevel Patch-Based Context Analysis. IEEE Transactions on Biomedical Engineering, 2014, 61, 1155-1166.	4.2	72
121	Lung Tumor Delineation Based on Novel Tumor-Background Likelihood Models in PET-CT Images. IEEE Transactions on Nuclear Science, 2014, 61, 218-224.	2.0	16
122	Lesion Detection and Characterization With Context Driven Approximation in Thoracic FDG PET-CT Images of NSCLC Studies. IEEE Transactions on Medical Imaging, 2014, 33, 408-421.	8.9	25
123	Topology constraint graph-based model for non-small-cell lung tumor segmentation from PET volumes. , 2014, , .		6
124	Multi-Channel neurodegenerative pattern analysis and its application in Alzheimer's disease characterization. Computerized Medical Imaging and Graphics, 2014, 38, 436-444.	5.8	27
125	Synthesis of [11C]PBR170, a novel imidazopyridine, for imaging the translocator protein with PET. Applied Radiation and Isotopes, 2014, 90, 46-52.	1.5	3
126	FEATURE-CENTRIC LESION DETECTION AND RETRIEVAL IN THORACIC IMAGES. Series in Computer Vision, 2014, , 75-94.	0.1	0

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127	Multi-stage Thresholded Region Classification for Whole-Body PET-CT Lymphoma Studies. Lecture Notes in Computer Science, 2014, 17, 569-576.	1.3	17
128	A New Energy Framework With Distribution Descriptors for Image Segmentation. IEEE Transactions on Image Processing, 2013, 22, 3578-3590.	9.8	12
129	Lung tumor segmentation in PET images using graph cuts. Computer Methods and Programs in Biomedicine, 2013, 109, 260-268.	4.7	34
130	Designing user interfaces to enhance human interpretation of medical content-based image retrieval: application to PET-CT images. International Journal of Computer Assisted Radiology and Surgery, 2013, 8, 1003-1014.	2.8	6
131	Content-Based Medical Image Retrieval: A Survey of Applications to Multidimensional and Multimodality Data. Journal of Digital Imaging, 2013, 26, 1025-1039.	2.9	162
132	Visibility-driven PET-CT visualisation with region of interest (ROI) segmentation. Visual Computer, 2013, 29, 805-815.	3.5	21
133	Cellular automata and anisotropic diffusion filter based interactive tumor segmentation for positron emission tomography. , 2013, 2013, 5453-6.		9
134	Corrections to â€œRobust Model for Segmenting Images With/Without Intensity Inhomogeneitiesâ€•[Aug. 13 3296-3309]. IEEE Transactions on Image Processing, 2013, 22, 3729-3729.	9.8	2
135	Graph-based retrieval of PET-CT images using vector space embedding. , 2013, , .		3
136	Robust Model for Segmenting Images With/Without Intensity Inhomogeneities. IEEE Transactions on Image Processing, 2013, 22, 3296-3309.	9.8	18
137	A Likelihood and Local Constraint Level Set Model for Liver Tumor Segmentation from CT Volumes. IEEE Transactions on Biomedical Engineering, 2013, 60, 2967-2977.	4.2	105
138	Automated Segmentation of Prostate MR Images Using Prior Knowledge Enhanced Random Walker. , 2013, , .		11
139	Joint Probabilistic Model of Shape and Intensity for Multiple Abdominal Organ Segmentation From Volumetric CT Images. IEEE Journal of Biomedical and Health Informatics, 2013, 17, 92-102.	6.3	16
140	A web-based medical multimedia visualisation interface for personal health records. , 2013, , .		11
141	Prior knowledge enhanced random walk for lung tumor segmentation from low-contrast CT images. , 2013, 2013, 6071-4.		5
142	Similarity Guided Feature Labeling for Lesion Detection. Lecture Notes in Computer Science, 2013, 16, 284-291.	1.3	3
143	Recent Software Developments and Applications in Functional Imaging. Current Pharmaceutical Biotechnology, 2012, 13, 2166-2181.	1.6	1
144	Relationship between preoperative hypometabolism and surgical outcome in neocortical epilepsy surgery. Epilepsia, 2012, 53, 1333-1340.	5.1	36

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145	Radiation dosimetry of the translocator protein ligands [18F]PBR111 and [18F]PBR102. Nuclear Medicine and Biology, 2012, 39, 742-753.	0.6	11
146	Susac's syndrome. Journal of the Neurological Sciences, 2012, 314, 183.	0.6	1
147	Graph-based retrieval of multi-modality medical images: A comparison of representations using simulated images. , 2012, , .		6
148	High beam current operation of a PETtraceTM cyclotron for 18Fâ˜ production. Applied Radiation and Isotopes, 2012, 70, 922-930.	1.5	23
149	Dual-modality brain PET-CT image segmentation based on adaptive use of functional and anatomical information. Computerized Medical Imaging and Graphics, 2012, 36, 47-53.	5.8	20
150	Localized functional neuroimaging retrieval using 3D discrete curvelet transform. , 2011, , .		16
151	Thoracic image case retrieval with spatial and contextual information. , 2011, , .		16
152	Generalized regional disorder-sensitive-weighting scheme for 3D neuroimaging retrieval. , 2011, 2011, 7009-12.		13
153	Capsule endoscopy versus positron emission tomography for detection of small-bowel metastatic melanoma: a pilot study. Gastrointestinal Endoscopy, 2011, 73, 750-756.	1.0	21
154	Tumour necrosis factor (TNF) inhibitor therapy in Susac's syndrome. Journal of the Neurological Sciences, 2011, 302, 126-128.	0.6	35
155	Brain tissue segmentation in PET-CT images using probabilistic atlas and variational Bayes inference. , 2011, 2011, 7969-72.		6
156	A rapid solid-phase extraction method for measurement of non-metabolised peripheral benzodiazepine receptor ligands, [18F]PBR102 and [18F]PBR111, in rat and primate plasma. Nuclear Medicine and Biology, 2011, 38, 137-148.	0.6	15
157	Automated Delineation of Lung Tumors in PET Images Based on Monotonicity and a Tumor-Customized Criterion. IEEE Transactions on Information Technology in Biomedicine, 2011, 15, 691-702.	3.2	28
158	Lung tumor delineation in PET-CT images using a downhill region growing and a Gaussian mixture model. , 2011, , .		2
159	Parametric Images in Assessing Bone Grafts Using Dynamic¹⁸F-Fluoride PET. International Journal of Molecular Imaging, 2011, 2011, 1-8.	1.3	2
160	Positron Emission Tomographyâ€“Computed Tomography (PET-CT) After Induction Therapy Is Highly Predictive of Patient Outcome in Follicular Lymphoma: Analysis of PET-CT in a Subset of PRIMA Trial Participants. Journal of Clinical Oncology, 2011, 29, 3194-3200.	1.6	176
161	Thoracic image matching with appearance and spatial distribution. , 2011, 2011, 4469-72.		5
162	Discriminative Pathological Context Detection in Thoracic Images Based on Multi-level Inference. Lecture Notes in Computer Science, 2011, 14, 191-198.	1.3	9

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163	Region and Learning based Retrieval for Multi-Modality Medical Images. , 2011, , .		1
164	A robust volumetric feature extraction approach for 3D neuroimaging retrieval. , 2010, 2010, 5657-60.		10
165	A critical appraisal of the prevalence and metabolic significance of brown adipose tissue in adult humans. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E601-E606.	3.5	269
166	Automated lung tumor segmentation for whole body PET volume based on novel downhill region growing. Proceedings of SPIE, 2010, , .	0.8	6
167	Structure-Adaptive Feature Extraction and Representation for Multi-modality Lung Images Retrieval. , 2010, , .		6
168	A content-based image retrieval framework for multi-modality lung images. , 2010, , .		16
169	3D neurological image retrieval with localized pathology-centric CMRGlc patterns. , 2010, , .		35
170	The topography and significance of extratemporal hypometabolism in refractory mesial temporal lobe epilepsy examined by FDGâ€PET. Epilepsia, 2010, 51, 1365-1373.	5.1	85
171	Fully automated liver segmentation for low- and high- contrast CT volumes based on probabilistic atlases. , 2010, , .		14
172	Localized multiscale texture based retrieval of neurological image. , 2010, , .		10
173	Result of FDG PET-CT Imaging After Immunochemotherapy Induction Is a Powerful and Independent Prognostic Indicator of Outcome for Patients with Follicular Lymphoma: An Analysis From the PRIMA Study. Blood, 2010, 116, 855-855.	1.4	7
174	REGION AND LEARNING BASED RETRIEVAL FOR MULTI-MODALITY MEDICAL IMAGES. , 2010, , .		1
175	PET-enhanced liver segmentation for CT images from combined PET-CT scanners. , 2009, , .		3
176	Rich internet application system for patient-centric healthcare data management using handheld devices. , 2009, 2009, 5167-70.		5
177	Automated liver segmentation for whole-body low-contrast CT images from PET-CT scanners. , 2009, 2009, 3565-8.		5
178	Segmentation of brain PET-CT images based on adaptive use of complementary information. , 2009, , .		2
179	False-Positive Diagnosis of Metastasis on Positron Emission Tomographyâ€“Computed Tomography Imaging Due to Hibernoma. Journal of Clinical Oncology, 2009, 27, 994-995.	1.6	7
180	Automated detection and delineation of lung tumors in PET-CT volumes using a lung atlas and iterative mean-SUV threshold. , 2009, , .		7

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181	Constructing Reliable Parametric Images Using Enhanced GLLS for Dynamic SPECT. IEEE Transactions on Biomedical Engineering, 2009, 56, 1117-1126.	4.2	6
182	The impact of PET-CT in suspected recurrent ovarian cancer: A prospective multi-centre study as part of the Australian PET Data Collection Project. Gynecologic Oncology, 2009, 112, 462-468.	1.4	124
183	The impact of PET-CT in suspected recurrent ovarian cancer: A prospective multi-centre study as part of the Australian PET Data Collection Project: Response to a letter from Dr. Maurie Markman. Gynecologic Oncology, 2009, 114, 536-537.	1.4	1
184	Focal cerebral ischemia and antiphospholipid antibodies: a case for cardiac embolism. Acta Neurologica Scandinavica, 2009, 90, 417-423.	2.1	24
185	Accuracy of positron emission tomography in the evaluation of patients treated with chemoradiotherapy for mucosal head and neck cancer. Head and Neck, 2009, 31, 244-250.	2.0	32
186	Another Cause of Occupational Entrapment Neuropathy: La Main Du Cuisinier (The Chefâ€™s Hand). Journal of Clinical Neurophysiology, 2009, 26, 129-131.	1.7	2
187	Enhanced parameter estimation methods for noisy SPECT data. Computer Methods and Programs in Biomedicine, 2008, 89, 102-111.	4.7	1
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