

Tom Doel

List of Publications by Year in descending order

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16
papers

1,694
citations

933447

10
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

2578
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactive Medical Image Segmentation Using Deep Learning With Image-Specific Fine Tuning. IEEE Transactions on Medical Imaging, 2018, 37, 1562-1573.	8.9	541
2	NiftyNet: a deep-learning platform for medical imaging. Computer Methods and Programs in Biomedicine, 2018, 158, 113-122.	4.7	407
3	DeepIGeoS: A Deep Interactive Geodesic Framework for Medical Image Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1559-1572.	13.9	269
4	An automated framework for localization, segmentation and super-resolution reconstruction of fetal brain MRI. NeuroImage, 2020, 206, 116324.	4.2	160
5	GIFT-Cloud: A data sharing and collaboration platform for medical imaging research. Computer Methods and Programs in Biomedicine, 2017, 139, 181-190.	4.7	57
6	Slic-Seg: A minimally interactive segmentation of the placenta from sparse and motion-corrupted fetal MRI in multiple views. Medical Image Analysis, 2016, 34, 137-147.	11.6	56
7	Review of automatic pulmonary lobe segmentation methods from CT. Computerized Medical Imaging and Graphics, 2015, 40, 13-29.	5.8	51
8	Computational modeling of the obstructive lung diseases asthma and COPD. Journal of Translational Medicine, 2014, 12, S5.	4.4	44
9	Chronic Obstructive Pulmonary Disease: Lobar Analysis with Hyperpolarized ^{129}Xe MR Imaging. Radiology, 2017, 282, 857-868.	7.3	41
10	An Automated Localization, Segmentation and Reconstruction Framework for Fetal Brain MRI. Lecture Notes in Computer Science, 2018, , 313-320.	1.3	26
11	Pulmonary lobe segmentation from CT images using fissureness, airways, vessels and multilevel B-splines. , 2012, , .		20
12	Novel CT-Based Objective Imaging Biomarkers of Long-Term Radiation-Induced Lung Damage. International Journal of Radiation Oncology Biology Physics, 2018, 102, 1287-1298.	0.8	7
13	Dynamically Balanced Online Random Forests for Interactive Scribble-Based Segmentation. Lecture Notes in Computer Science, 2016, , 352-360.	1.3	5
14	A combined image-modelling approach assessing the impact of hyperinflation due to emphysema on regional ventilationâ€“perfusion matching. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2017, 5, 110-126.	1.9	3
15	S19 Imaging Derived Regional Lung Function Using Hyperpolarised Xenon Mri (xe-mri) And Quantitative Computed Tomography (qct) In Chronic Obstructive Pulmonary Disease (copd). Thorax, 2014, 69, A12-A13.	5.6	1
16	GIFT-Grab: Real-time C++ and Python Multi-channel Video Capture, Processing and Encoding API. Journal of Open Research Software, 2017, 5, .	5.9	0