

Tom Doel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1481841/publications.pdf>

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