

Jiong

List of Publications by Year in descending order

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331
citing authors

#	ARTICLE	IF	CITATIONS
1	A deep learning framework for pancreas segmentation with multi-atlas registration and 3D level-set. Medical Image Analysis, 2021, 68, 101884.	11.6	53
2	MI-UNet: Multi-Inputs UNet Incorporating Brain Parcellation for Stroke Lesion Segmentation From T1-Weighted Magnetic Resonance Images. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 526-535.	6.3	48
3	Shape and diffusion tensor imaging based integrative analysis of the hippocampus and the amygdala in Alzheimer's disease. Magnetic Resonance Imaging, 2016, 34, 1087-1099.	1.8	47
4	Skip Connection U-Net for White Matter Hyperintensities Segmentation From MRI. IEEE Access, 2019, 7, 155194-155202.	4.2	31
5	Brain segmentation based on multi-atlas and diffeomorphism guided 3D fully convolutional network ensembles. Pattern Recognition, 2021, 115, 107904.	8.1	28
6	Deep Learning Initialized and Gradient Enhanced Level-Set Based Segmentation for Liver Tumor From CT Images. IEEE Access, 2020, 8, 76056-76068.	4.2	26
7	Prostate Segmentation Using Z-Net. , 2019, , .		24
8	BSDA-Net: A Boundary Shape and Distance Aware Joint Learning Framework for Segmenting and Classifying OCTA Images. Lecture Notes in Computer Science, 2021, , 65-75.	1.3	20
9	A Large Deformation Diffeomorphic Framework for Fast Brain Image Registration via Parallel Computing and Optimization. Neuroinformatics, 2020, 18, 251-266.	2.8	13
10	A Multi-Atlas Guided 3D Fully Convolutional Network for MRI-Based Subcortical Segmentation. , 2019, , .		12
11	Simultaneous Tissue Classification and Lateral Ventricle Segmentation via a 2D U-net Driven by a 3D Fully Convolutional Neural Network. , 2019, 2019, 5928-5931.		12
12	A Joint 3D+2D Fully Convolutional Framework for Subcortical Segmentation. Lecture Notes in Computer Science, 2019, , 301-309.	1.3	8
13	Fast diffeomorphic image registration via GPU-based parallel computing: an investigation of the matching cost function. , 2018, , .		6
14	Fully Automatic White Matter Hyperintensity Segmentation using U-net and Skip Connection. , 2019, 2019, 974-977.		5
15	Deep Learning and Unsupervised Fuzzy C-Means Based Level-Set Segmentation for Liver Tumor. , 2020, , .		5
16	Liver Guided Pancreas Segmentation. , 2020, , .		4
17	A Disentangled Representations based Unsupervised Deformable Framework for Cross-modality Image Registration. , 2021, 2021, 3531-3534.		4
18	Principal component analysis of the shape deformations of the hippocampus in Alzheimer's disease. , 2016, 2016, 4013-4016.		3

#	ARTICLE	IF	CITATIONS
19	A 3D+2D CNN Approach Incorporating Boundary Loss for Stroke Lesion Segmentation. Lecture Notes in Computer Science, 2020, , 101-110.	1.3	3
20	Multi-modality Large Deformation Diffeomorphic Metric Mapping Driven by Single-modality Images. , 2021, 2021, 2610-2613.		2
21	3D Fully Convolutional Network Incorporating Savitzky-Golay Filtering for Prostate Segmentation. , 2019, , .		1
22	Coarse-to-fine Kidney Segmentation Framework Incorporating with Abnormal Detection and Correction. , 0, , .		0
23	Coarse-to-fine Kidney Segmentation Incorporating Abnormality Detection and Correction. , 2020, , .		0