Cheng Bian

List of Publications by Year
in descending order

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27 papers	935 citations	623574 14 h-index	610775 24 g-index
27 all docs	27 docs citations	27 times ranked	889 citing authors

#	Article	IF	Citations
1	Evaluation of algorithms for Multi-Modality Whole Heart Segmentation: An open-access grand challenge. Medical Image Analysis, 2019, 58, 101537.	7.0	180
2	A global benchmark of algorithms for segmenting the left atrium from late gadolinium-enhanced cardiac magnetic resonance imaging. Medical Image Analysis, 2021, 67, 101832.	7.0	150
3	Towards Automated Semantic Segmentation in Prenatal Volumetric Ultrasound. IEEE Transactions on Medical Imaging, 2019, 38, 180-193.	5.4	77
4	Learning Calibrated Medical Image Segmentation via Multi-rater Agreement Modeling. , 2021, , .		62
5	Segmentation of breast anatomy for automated whole breast ultrasound images with boundary regularized convolutional encoderâ€“decoder network. Neurocomputing, 2018, 321, 178-186.	3.5	55
6	MIL-VT: Multiple Instance Learning Enhanced Vision Transformer for Fundus Image Classification. Lecture Notes in Computer Science, 2021, , 45-54.	1.0	48
7	Self-co-attention neural network for anatomy segmentation in whole breast ultrasound. Medical Image Analysis, 2020, 64, 101753.	7.0	45
8	Comparing to Learn: Surpassing ImageNet Pretraining on Radiographs by Comparing Image Representations. Lecture Notes in Computer Science, 2020, , 398-407.	1.0	43
9	Uncertainty-aware domain alignment for anatomical structure segmentation. Medical Image Analysis, 2020, 64, 101732.	7.0	39
10	AGE challenge: Angle Closure Glaucoma Evaluation in Anterior Segment Optical Coherence Tomography. Medical Image Analysis, 2020, 66, 101798.	7.0	35
11	Class-Balanced Deep Neural Network for Automatic Ventricular Structure Segmentation. Lecture Notes in Computer Science, 2018, , 152-160.	1.0	19
12	Boundary Regularized Convolutional Neural Network for Layer Parsing of Breast Anatomy in Automated Whole Breast Ultrasound. Lecture Notes in Computer Science, 2017, , 259-266.	1.0	18
13	Densely Deep Supervised Networks with Threshold Loss for Cancer Detection in Automated Breast Ultrasound. Lecture Notes in Computer Science, 2018, , 641-648.	1.0	17
14	Generalizing Deep Models for Ultrasound Image Segmentation. Lecture Notes in Computer Science, 2018, , 497-505.	1.0	16
15	Hybrid Loss Guided Convolutional Networks for Whole Heart Parsing. Lecture Notes in Computer Science, 2018, , 215-223.	1.0	16
16	Pyramid Network with Online Hard Example Mining for Accurate Left Atrium Segmentation. Lecture Notes in Computer Science, 2019, , 237-245.	1.0	15
17	Domain Adaptation Meets Zero-Shot Learning: An Annotation-Efficient Approach to Multi-Modality Medical Image Segmentation. IEEE Transactions on Medical Imaging, 2022, 41, 1043-1056.	5.4	15
18	Multi-Anchor Active Domain Adaptation for Semantic Segmentation. , 2021, , .		15

#	Article	IF	Citations
19	TR-GAN: Topology Ranking GAN with Triplet Loss for Retinal Artery/Vein Classification. Lecture Notes in Computer Science, 2020, , 616-625.	1.0	14
20	TW-GAN: Topology and width aware GAN for retinal artery/vein classification. Medical Image Analysis, 2022, 77, 102340.	7.0	14
21	3D Convolutional Networks for Fully Automatic Fine-Grained Whole Heart Partition. Lecture Notes in Computer Science, 2018, , 181-189.	1.0	12
22	Difficulty-Aware Glaucoma Classification with Multi-rater Consensus Modeling. Lecture Notes in Computer Science, 2020, , 741-750.	1.0	8
23	Local-Global Dual Perception Based Deep Multiple Instance Learning for Retinal Disease Classification. Lecture Notes in Computer Science, 2021, , 55-64.	1.0	7
24	Ensembled ResUnet for Anatomical Brain Barriers Segmentation. Lecture Notes in Computer Science, 2021, , 27-33.	1.0	5
25	A New Bidirectional Unsupervised Domain Adaptation Segmentation Framework. Lecture Notes in Computer Science, 2021, , 492-503.	1.0	5
26	A Macro-Micro Weakly-Supervised Framework for AS-OCT Tissue Segmentation. Lecture Notes in Computer Science, 2020, , 725-734.	1.0	4
27	The Winner of Age Challenge: Going One Step Further From Keypoint Detection to Scleral Spur Localization. , 2021, , .		1