

Cheng Bian

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

935
citations

623574

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610775

24
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docs citations

27
times ranked

889
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	TW-GAN: Topology and width aware GAN for retinal artery/vein classification. Medical Image Analysis, 2022, 77, 102340.	7.0	14
3	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
4	Ensembled ResUnet for Anatomical Brain Barriers Segmentation. Lecture Notes in Computer Science, 2021, , 27-33.	1.0	5
5	MIL-VT: Multiple Instance Learning Enhanced Vision Transformer for Fundus Image Classification. Lecture Notes in Computer Science, 2021, , 45-54.	1.0	48
6	The Winner of Age Challenge: Going One Step Further From Keypoint Detection to Scleral Spur Localization. , 2021, , .		1
7	Local-Global Dual Perception Based Deep Multiple Instance Learning for Retinal Disease Classification. Lecture Notes in Computer Science, 2021, , 55-64.	1.0	7
8	A New Bidirectional Unsupervised Domain Adaptation Segmentation Framework. Lecture Notes in Computer Science, 2021, , 492-503.	1.0	5
9	Learning Calibrated Medical Image Segmentation via Multi-rater Agreement Modeling. , 2021, , .		62
10	Multi-Anchor Active Domain Adaptation for Semantic Segmentation. , 2021, , .		15
11	AGE challenge: Angle Closure Glaucoma Evaluation in Anterior Segment Optical Coherence Tomography. Medical Image Analysis, 2020, 66, 101798.	7.0	35
12	Uncertainty-aware domain alignment for anatomical structure segmentation. Medical Image Analysis, 2020, 64, 101732.	7.0	39
13	Self-co-attention neural network for anatomy segmentation in whole breast ultrasound. Medical Image Analysis, 2020, 64, 101753.	7.0	45
14	Comparing to Learn: Surpassing ImageNet Pretraining on Radiographs by Comparing Image Representations. Lecture Notes in Computer Science, 2020, , 398-407.	1.0	43
15	Difficulty-Aware Glaucoma Classification with Multi-rater Consensus Modeling. Lecture Notes in Computer Science, 2020, , 741-750.	1.0	8
16	TR-GAN: Topology Ranking GAN with Triplet Loss for Retinal Artery/Vein Classification. Lecture Notes in Computer Science, 2020, , 616-625.	1.0	14
17	A Macro-Micro Weakly-Supervised Framework for AS-OCT Tissue Segmentation. Lecture Notes in Computer Science, 2020, , 725-734.	1.0	4
18	Towards Automated Semantic Segmentation in Prenatal Volumetric Ultrasound. IEEE Transactions on Medical Imaging, 2019, 38, 180-193.	5.4	77

#	ARTICLE	IF	CITATIONS
19	Evaluation of algorithms for Multi-Modality Whole Heart Segmentation: An open-access grand challenge. <i>Medical Image Analysis</i> , 2019, 58, 101537.	7.0	180
20	Pyramid Network with Online Hard Example Mining for Accurate Left Atrium Segmentation. <i>Lecture Notes in Computer Science</i> , 2019, , 237-245.	1.0	15
21	Class-Balanced Deep Neural Network for Automatic Ventricular Structure Segmentation. <i>Lecture Notes in Computer Science</i> , 2018, , 152-160.	1.0	19
22	Segmentation of breast anatomy for automated whole breast ultrasound images with boundary regularized convolutional encoder-decoder network. <i>Neurocomputing</i> , 2018, 321, 178-186.	3.5	55
23	Generalizing Deep Models for Ultrasound Image Segmentation. <i>Lecture Notes in Computer Science</i> , 2018, , 497-505.	1.0	16
24	Densely Deep Supervised Networks with Threshold Loss for Cancer Detection in Automated Breast Ultrasound. <i>Lecture Notes in Computer Science</i> , 2018, , 641-648.	1.0	17
25	3D Convolutional Networks for Fully Automatic Fine-Grained Whole Heart Partition. <i>Lecture Notes in Computer Science</i> , 2018, , 181-189.	1.0	12
26	Hybrid Loss Guided Convolutional Networks for Whole Heart Parsing. <i>Lecture Notes in Computer Science</i> , 2018, , 215-223.	1.0	16
27	Boundary Regularized Convolutional Neural Network for Layer Parsing of Breast Anatomy in Automated Whole Breast Ultrasound. <i>Lecture Notes in Computer Science</i> , 2017, , 259-266.	1.0	18