

Min Xian

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

900
citations

933264

10
h-index

1058333

14
g-index

32
all docs

32
docs citations

32
times ranked

683
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic breast ultrasound image segmentation: A survey. Pattern Recognition, 2018, 79, 340-355.	5.1	166
2	Fully automatic segmentation of breast ultrasound images based on breast characteristics in space and frequency domains. Pattern Recognition, 2015, 48, 485-497.	5.1	105
3	Attention-Enriched Deep Learning Model for Breast Tumor Segmentation in Ultrasound Images. Ultrasound in Medicine and Biology, 2020, 46, 2819-2833.	0.7	102
4	A Deep Learning Framework for Assessing Physical Rehabilitation Exercises. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 468-477.	2.7	102
5	A review of computational approaches for evaluation of rehabilitation exercises. Computers in Biology and Medicine, 2020, 119, 103687.	3.9	54
6	SMOTE-WENN: Solving class imbalance and small sample problems by oversampling and distance scaling. Applied Intelligence, 2021, 51, 1394-1409.	3.3	54
7	Stan: Small Tumor-Aware Network for Breast Ultrasound Image Segmentation. , 2020, 2020, 1469-1473.		45
8	Imputation of single-cell gene expression with an autoencoder neural network. Quantitative Biology, 2020, 8, 78-94.	0.3	40
9	BUSIS: A Benchmark for Breast Ultrasound Image Segmentation. Healthcare (Switzerland), 2022, 10, 729.	1.0	22
10	A saliency model for automated tumor detection in breast ultrasound images. , 2015, , .		21
11	Loosecut: Interactive image segmentation with loosely bounded boxes. , 2017, , .		19
12	Bending Loss Regularized Network for Nuclei Segmentation in Histopathology Images. , 2020, 2020, 258-262.		19
13	Local-weighted Citation-kNN algorithm for breast ultrasound image classification. Optik, 2015, 126, 5188-5193.	1.4	18
14	Neuro-Connectedness Cut. IEEE Transactions on Image Processing, 2016, 25, 4691-4703.	6.0	17
15	Multiple-domain knowledge based MRF model for tumor segmentation in breast ultrasound images. , 2012, , .		16
16	A Fully Automatic Breast Ultrasound Image Segmentation Approach Based on Neuro-Connectedness. , 2014, , .		16
17	Unsupervised co-segmentation based on a new global GMM constraint in MRF. , 2014, , .		15
18	Sharp-GAN: Sharpness Loss Regularized GAN for Histopathology Image Synthesis. , 2022, 2022, .		8

#	ARTICLE	IF	CITATIONS
19	Workload-Aware Task Placement in Edge-Assisted Human Re-identification. , 2019, , .		7
20	Multi-slice low-rank tensor decomposition based multi-atlas segmentation: Application to automatic pathological liver CT segmentation. Medical Image Analysis, 2021, 73, 102152.	7.0	7
21	Bi-Rads-Net: An Explainable Multitask Learning Approach for Cancer Diagnosis in Breast Ultrasound Images. , 2021, 2021, .		7
22	EMT-NET: Efficient Multitask Network for Computer-Aided Diagnosis of Breast Cancer. , 2022, 2022, .		7
23	Application and Evaluation of a Deep Learning Architecture to Urban Tree Canopy Mapping. Remote Sensing, 2021, 13, 1749.	1.8	6
24	EISeg: Effective interactive segmentation. , 2016, , .		5
25	BA2Cs: Bounded abstaining with two constraints of reject rates in binary classification. Neurocomputing, 2019, 357, 125-134.	3.5	5
26	A Hybrid Framework for Tumor Saliency Estimation. , 2018, , .		4
27	Unsupervised saliency estimation based on robust hypotheses. , 2016, , .		3
28	Robust multiple cue fusion-based high-speed and nonrigid object tracking algorithm for short track speed skating. Journal of Electronic Imaging, 2016, 25, 013014.	0.5	3
29	An algorithm based on LBPV and MIL for left atrial thrombi detection using transesophageal echocardiography. , 2015, , .		2
30	Optimal Scheduling of Electrolyzer in Power Market with Dynamic Prices. , 2018, , .		2
31	Evaluation of Complexity Measures for Deep Learning Generalization in Medical Image Analysis. , 2021, 2021, .		2
32	WENN for individualized cleaning in imbalanced data. , 2016, , .		1