

Min Xian

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

413
citations

11
h-index

20
g-index

32
ext. papers

637
ext. citations

4.9
avg, IF

4.39
L-index

#	Paper	IF	Citations
27	Automatic breast ultrasound image segmentation: A survey. <i>Pattern Recognition</i> , 2018 , 79, 340-355	7.7	94
26	Fully automatic segmentation of breast ultrasound images based on breast characteristics in space and frequency domains. <i>Pattern Recognition</i> , 2015 , 48, 485-497	7.7	70
25	Attention-Enriched Deep Learning Model for Breast Tumor Segmentation in Ultrasound Images. <i>Ultrasound in Medicine and Biology</i> , 2020 , 46, 2819-2833	3.5	45
24	A Deep Learning Framework for Assessing Physical Rehabilitation Exercises. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020 , 28, 468-477	4.8	37
23	SMOTE-WENN: Solving class imbalance and small sample problems by oversampling and distance scaling. <i>Applied Intelligence</i> , 2021 , 51, 1394-1409	4.9	17
22	Imputation of single-cell gene expression with an autoencoder neural network. <i>Quantitative Biology</i> , 2020 , 8, 78-94	3.9	16
21	Local-weighted Citation-kNN algorithm for breast ultrasound image classification. <i>Optik</i> , 2015 , 126, 5188-5193	5.15	15
20	A review of computational approaches for evaluation of rehabilitation exercises. <i>Computers in Biology and Medicine</i> , 2020 , 119, 103687	7	15
19	Neutro-Connectedness Cut. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 4691-4703	8.7	12
18	Multiple-domain knowledge based MRF model for tumor segmentation in breast ultrasound images 2012 ,		12
17	A saliency model for automated tumor detection in breast ultrasound images 2015 ,		11
16	A Fully Automatic Breast Ultrasound Image Segmentation Approach Based on Neutro-Connectedness 2014 ,		11
15	Unsupervised co-segmentation based on a new global GMM constraint in MRF 2014 ,		10
14	STAN: SMALL TUMOR-AWARE NETWORK FOR BREAST ULTRASOUND IMAGE SEGMENTATION 2020 , 2020, 1469-1473	1.5	8
13	Loosecut: Interactive image segmentation with loosely bounded boxes 2017 ,		8
12	BENDING LOSS REGULARIZED NETWORK FOR NUCLEI SEGMENTATION IN HISTOPATHOLOGY IMAGES 2020 , 2020, 258-262	1.5	6
11	Unsupervised saliency estimation based on robust hypotheses 2016 ,		3

10	Robust multiple cue fusion-based high-speed and nonrigid object tracking algorithm for short track speed skating. <i>Journal of Electronic Imaging</i> , 2016 , 25, 013014	0.7	3
9	Application and Evaluation of a Deep Learning Architecture to Urban Tree Canopy Mapping. <i>Remote Sensing</i> , 2021 , 13, 1749	5	3
8	Workload-Aware Task Placement in Edge-Assisted Human Re-identification 2019 ,		3
7	2018 ,		3
6	An algorithm based on LBPV and MIL for left atrial thrombi detection using transesophageal echocardiography 2015 ,		2
5	2018 ,		2
4	Multi-slice low-rank tensor decomposition based multi-atlas segmentation: Application to automatic pathological liver CT segmentation. <i>Medical Image Analysis</i> , 2021 , 73, 102152	15.4	2
3	BA2Cs: Bounded abstaining with two constraints of reject rates in binary classification. <i>Neurocomputing</i> , 2019 , 357, 125-134	5.4	1
2	WENN for individualized cleaning in imbalanced data 2016 ,		1
1	2016 ,		1