Ehab Essa

List of Publications by Year
in descending order

21 papers	256 citations	1040056 9 h-index	1058476 14 g-index
22 all docs	22 docs citations	22 times ranked	269 citing authors

#	Article	IF	Citations
1	An Ensemble of Deep Learning-Based Multi-Model for ECG Heartbeats Arrhythmia Classification. IEEE Access, 2021, 9, 103452-103464.	4.2	59
2	Fog Intelligence for Real-Time IoT Sensor Data Analytics. IEEE Access, 2017, 5, 24062-24069.	4.2	48
3	Combining region€based and imprecise boundary€based cues for interactive medical image segmentation. International Journal for Numerical Methods in Biomedical Engineering, 2014, 30, 1649-1666.	2.1	19
4	Neuro-fuzzy patch-wise R-CNN for multiple sclerosis segmentation. Medical and Biological Engineering and Computing, 2020, 58, 2161-2175.	2.8	19
5	Pruning CNN filters via quantifying the importance of deep visual representations. Computer Vision and Image Understanding, 2021, 208-209, 103220.	4.7	15
6	Automatic segmentation of cross-sectional coronary arterial images. Computer Vision and Image Understanding, 2017, 165, 97-110.	4.7	13
7	Phase contrast cell detection using multilevel classification. International Journal for Numerical Methods in Biomedical Engineering, 2018, 34, e2916.	2.1	12
8	Shape Prior Model for Media-Adventitia Border Segmentation in IVUS Using Graph Cut. Lecture Notes in Computer Science, 2013, , 114-123.	1.3	12
9	Minimum S-Excess Graph for Segmenting and Tracking Multiple Borders with HMM. Lecture Notes in Computer Science, 2015, , 28-35.	1.3	10
10	Toward cognitive support for automated defect detection. Neural Computing and Applications, 2020, 32, 4325-4333.	5.6	8
11	Automatic vessel lumen segmentation in optical coherence tomography (OCT) images. Applied Soft Computing Journal, 2020, 88, 106042.	7.2	8
12	Multi-model Deep Learning Ensemble for ECG Heartbeat Arrhythmia Classification. , 2021, , .		8
13	Automatic IVUS media-adventitia border extraction using double interface graph cut segmentation. , 2011, , .		7
14	Interactive Segmentation of Media-Adventitia Border in IVUS. Lecture Notes in Computer Science, 2013, , 466-474.	1.3	6
15	A multi-stage random forest classifier for phase contrast cell segmentation. , 2015, 2015, 3865-8.		4
16	Graph based segmentation with minimal user interaction. , 2013, , .		2
17	Graph Based Lymphatic Vessel Wall Localisation and Tracking. Lecture Notes in Computer Science, 2015, , 345-354.	1.3	2
18	Automatic segmentation of lymph vessel wall using optimal surface graph cut and hidden Markov Models. , 2015, 2015, 2403-6.		1

#	Article	IF	Citations
19	Coupled sâ€excess HMM for vessel border tracking and segmentation. International Journal for Numerical Methods in Biomedical Engineering, 2019, 35, e3206.	2.1	1
20	Neuron-based Network Pruning Based on Majority Voting. , 2021, , .		1
21	Deep Collaborative Learning for Randomly Wired Neural Networks. Electronics (Switzerland), 2021, 10, 1669.	3.1	1