Maryam Rahnemoonfar

List of Publications by Year
in descending order

29	750	1163117 8	1199594 12
papers	citations	h-index	g-index

30	30	30	713
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep Count: Fruit Counting Based on Deep Simulated Learning. Sensors, 2017, 17, 905.	3.8	359
2	FloodNet: A High Resolution Aerial Imagery Dataset for Post Flood Scene Understanding. IEEE Access, 2021, 9, 89644-89654.	4.2	85
3	Flooded Area Detection from Uav Images Based on Densely Connected Recurrent Neural Networks. , 2018, , .		35
4	DisCountNet: Discriminating and Counting Network for Real-Time Counting and Localization of Sparse Objects in High-Resolution UAV Imagery. Remote Sensing, 2019, 11, 1128.	4.0	29
5	Automatic Ice Surface and Bottom Boundaries Estimation in Radar Imagery Based on Level-Set Approach. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5115-5122.	6.3	24
6	Deep multi-scale learning for automatic tracking of internal layers of ice in radar data. Journal of Glaciology, 2021, 67, 39-48.	2.2	20
7	Real-time scene understanding for UAV imagery based on deep convolutional neural networks. , 2017, , .		19
8	Semantic Segmentation of Underwater Sonar Imagery with Deep Learning. , 2019, , .		18
9	Comprehensive Semantic Segmentation on High Resolution UAV Imagery for Natural Disaster Damage Assessment. , 2020, , .		18
10	AI Radar Sensor: Creating Radar Depth Sounder Images Based on Generative Adversarial Network. Sensors, 2019, 19, 5479.	3.8	15
11	Automatic Seagrass Disturbance Pattern Identification on Sonar Images. IEEE Journal of Oceanic Engineering, 2019, 44, 132-141.	3.8	14
12	Automatic Ice thickness estimation in radar imagery based on charged particles concept. , 2017, , .		12
13	Deep Hybrid Wavelet Network for Ice Boundary Detection in Radra Imagery. , 2018, , .		12
14	A semi-automatic approach for estimating bedrock and surface layers from multichannel coherent radar depth sounder imagery. Proceedings of SPIE, 2013, , .	0.8	11
15	Real-time yield estimation based on deep learning. , 2017, , .		10
16	Smart Tracking of Internal Layers of Ice in Radar Data via Multi-Scale Learning. , 2019, , .		10
17	Radar Sensor Simulation with Generative Adversarial Network. , 2020, , .		10
18	Deep Ice Layer Tracking and Thickness Estimation using Fully Convolutional Networks. , 2020, , .		10

#	Article	IF	Citations
19	Multi-Scale and Temporal Transfer Learning for Automatic Tracking of Internal Ice Layers. , 2020, , .		7
20	Comparative Study Between Real-Time and Non-Real-Time Segmentation Models on Flooding Events. , 2021, , .		6
21	Deep Learning on Airborne Radar Echograms for Tracing Snow Accumulation Layers of the Greenland Ice Sheet. Remote Sensing, 2021, 13, 2707.	4.0	5
22	Self Attention Based Semantic Segmentation on a Natural Disaster Dataset. , 2021, , .		4
23	Airborne Snow Radar Data Simulation With Deep Learning and Physics-Driven Methods. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 12035-12047.	4.9	4
24	Automatic polar ice thickness estimation from SAR imagery. Proceedings of SPIE, 2016, , .	0.8	3
25	UAV-VQG: Visual Question Generation Framework on UAV Images. , 2021, , .		3
26	The First Automatic Method for Mapping the Pothole in Seagrass. , 2017, , .		2
27	Regression Networks for Calculating Englacial Layer Thickness. , 2021, , .		2
28	Snow Radar Layer Tracking Using Iterative Neural Network Approach. , 2020, , .		2
29	Fluorescence microscopy image segmentation based on graph and fuzzy methods: A comparison with ensemble method. Journal of Intelligent and Fuzzy Systems, 2018, 34, 2563-2578.	1.4	1