

Iurii Shendryk

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

526
citations

840776

11
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

833
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating satellite imagery and environmental data to predict field-level cane and sugar yields in Australia using machine learning. <i>Field Crops Research</i> , 2021, 260, 107984.	5.1	38
2	Estimating Pasture Biomass Using Sentinel-2 Imagery and Machine Learning. <i>Remote Sensing</i> , 2021, 13, 603.	4.0	47
3	Leveraging Airborne LiDAR Data and Gradient Boosting for Mapping the Density of Different Sized Trees. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 1572-1579.	4.9	1
4	Leveraging High-Resolution Satellite Imagery and Gradient Boosting for Invasive Weed Mapping. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 4443-4450.	4.9	17
5	Fine-scale prediction of biomass and leaf nitrogen content in sugarcane using UAV LiDAR and multispectral imaging. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 92, 102177.	2.8	60
6	A Satellite-Based Methodology for Harvest Date Detection and Yield Prediction in Sugarcane. , 2020, , .		3
7	Deep learning for multi-modal classification of cloud, shadow and land cover scenes in PlanetScope and Sentinel-2 imagery. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 157, 124-136.	11.1	78
8	Monitoring sugarcane growth response to varying nitrogen application rates: A comparison of UAV SLAM LiDAR and photogrammetry. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 82, 101878.	2.8	43
9	Weed Mapping Using Very High Resolution Satellite Imagery and Fully Convolutional Neural Network. , 2019, , .		6
10	Deep Learning - a New Approach for Multi-Label Scene Classification in Planetscope and Sentinel-2 Imagery. , 2018, , .		17
11	Mapping canopy defoliation by herbivorous insects at the individual tree level using bi-temporal airborne imaging spectroscopy and LiDAR measurements. <i>Remote Sensing of Environment</i> , 2018, 215, 170-183.	11.0	58
12	Multi-sensor airborne and satellite data for upscaling tree number information in a structurally complex eucalypt forest. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 73, 397-406.	2.8	1
13	Mapping individual tree health using full-waveform airborne laser scans and imaging spectroscopy: A case study for a floodplain eucalypt forest. <i>Remote Sensing of Environment</i> , 2016, 187, 202-217.	11.0	49
14	Bottom-up delineation of individual trees from full-waveform airborne laser scans in a structurally complex eucalypt forest. <i>Remote Sensing of Environment</i> , 2016, 173, 69-83.	11.0	46
15	A LiDAR method of canopy structure retrieval for wind modeling of heterogeneous forests. <i>Agricultural and Forest Meteorology</i> , 2015, 201, 86-97.	4.8	39
16	Low-Density LiDAR and Optical Imagery for Biomass Estimation over Boreal Forest in Sweden. <i>Forests</i> , 2014, 5, 992-1010.	2.1	23