Iurii Shendryk

List of Publications by Year
in descending order

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