

Lindi J Quackenbush

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,465
citations

567281

15
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

2021
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of methods for automatic individual tree-crown detection and delineation from passive remote sensing. <i>International Journal of Remote Sensing</i> , 2011, 32, 4725-4747.	2.9	310
2	Synergistic use of QuickBird multispectral imagery and LIDAR data for object-based forest species classification. <i>Remote Sensing of Environment</i> , 2010, 114, 1141-1154.	11.0	254
3	Trends in Automatic Individual Tree Crown Detection and Delineation—Evolution of LiDAR Data. <i>Remote Sensing</i> , 2016, 8, 333.	4.0	237
4	Impact of training and validation sample selection on classification accuracy and accuracy assessment when using reference polygons in object-based classification. <i>International Journal of Remote Sensing</i> , 2013, 34, 6914-6930.	2.9	71
5	Forest Biomass and Carbon Stock Quantification Using Airborne LiDAR Data: A Case Study Over Huntington Wildlife Forest in the Adirondack Park. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 3143-3156.	4.9	69
6	A comparison of three methods for automatic tree crown detection and delineation from high spatial resolution imagery. <i>International Journal of Remote Sensing</i> , 2011, 32, 3625-3647.	2.9	62
7	Estimating ground-level particulate matter concentrations using satellite-based data: a review. <i>GIScience and Remote Sensing</i> , 2020, 57, 174-189.	5.9	62
8	Population estimation based on multi-sensor data fusion. <i>International Journal of Remote Sensing</i> , 2010, 31, 5587-5604.	2.9	56
9	Arctic Sea Ice Thickness Estimation from CryoSat-2 Satellite Data Using Machine Learning-Based Lead Detection. <i>Remote Sensing</i> , 2016, 8, 698.	4.0	53
10	A simple Landsat—MODIS fusion approach for monitoring seasonal evapotranspiration at 30 m spatial resolution. <i>International Journal of Remote Sensing</i> , 2015, 36, 115-143.	2.9	51
11	Agent-based region growing for individual tree crown delineation from airborne laser scanning (ALS) data. <i>International Journal of Remote Sensing</i> , 2015, 36, 1965-1993.	2.9	50
12	Use of remote sensing to predict the optimal harvest date of corn. <i>Field Crops Research</i> , 2019, 236, 1-13.	5.1	42
13	Estimation of spatially continuous daytime particulate matter concentrations under all sky conditions through the synergistic use of satellite-based AOD and numerical models. <i>Science of the Total Environment</i> , 2020, 713, 136516.	8.0	39
14	Convolutional Neural Network-Based Land Cover Classification Using 2-D Spectral Reflectance Curve Graphs With Multitemporal Satellite Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 4604-4617.	4.9	26
15	Estimation of Individual Tree Biomass in Natural Secondary Forests Based on ALS Data and WorldView-3 Imagery. <i>Remote Sensing</i> , 2022, 14, 271.	4.0	16
16	Different Spectral Domain Transformation for Land Cover Classification Using Convolutional Neural Networks with Multi-Temporal Satellite Imagery. <i>Remote Sensing</i> , 2020, 12, 1097.	4.0	13
17	Indicators for separating undesirable and well-delineated tree crowns in high spatial resolution images. <i>International Journal of Remote Sensing</i> , 2012, 33, 5451-5472.	2.9	12
18	Impervious surface extraction in imbalanced datasets: integrating partial results and multi-temporal information in an iterative one-class classifier. <i>International Journal of Remote Sensing</i> , 2017, 38, 43-63.	2.9	11

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19	Estimation of shrub willow leaf chlorophyll concentration across different growth stages using a hand-held chlorophyll meter to monitor plant health and production. <i>Biomass and Bioenergy</i> , 2021, 150, 106132.	5.7	10
20	Airborne Lidar Sampling Strategies to Enhance Forest Aboveground Biomass Estimation from Landsat Imagery. <i>Remote Sensing</i> , 2019, 11, 1906.	4.0	8
21	Using Google Earth Engine to Assess Temporal and Spatial Changes in River Geomorphology and Riparian Vegetation. <i>Journal of the American Water Resources Association</i> , 2021, 57, 789-806.	2.4	7
22	A rules-based approach for predicting the eastern hemlock component of forests in the northeastern United States. <i>Canadian Journal of Forest Research</i> , 2009, 39, 1453-1464.	1.7	3
23	Identifying Factors That Influence Accuracy of Riparian Vegetation Classification and River Channel Delineation Mapped Using 1 m Data. <i>Remote Sensing</i> , 2021, 13, 4645.	4.0	3
24	Wetland Classification Using Simulated NISAR Data: a case study in Louisiana. , 2021, , .		0
25	Shrub willow canopy chlorophyll content estimation from unmanned aerial systems (UAS) data: Estimation and uncertainty analysis across time, space, and scales. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 108, 102737.	2.8	0