

Heather McNairn

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7662781/publications.pdf>

Version: 2024-02-01

17
papers

280
citations

933447

10
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Regional Crop Characterization Using Multi-Temporal Optical and Synthetic Aperture Radar Earth Observations Data. <i>Canadian Journal of Remote Sensing</i> , 2022, 48, 258-277.	2.4	6
2	Gaussian Process Regression Model for Crop Biophysical Parameter Retrieval from Multi-Polarized C-Band SAR Data. <i>Remote Sensing</i> , 2022, 14, 934.	4.0	11
3	Decomposition-Based Soil Moisture Estimation Using UAVSAR Fully Polarimetric Images. <i>Agronomy</i> , 2021, 11, 145.	3.0	5
4	Crop Biomass Mapping Based on Ecosystem Modeling at Regional Scale Using High Resolution Sentinel-2 Data. <i>Remote Sensing</i> , 2021, 13, 806.	4.0	11
5	Comparison between Dense L-Band and C-Band Synthetic Aperture Radar (SAR) Time Series for Crop Area Mapping over a NISAR Calibration-Validation Site. <i>Agronomy</i> , 2021, 11, 273.	3.0	9
6	A Comparison between Support Vector Machine and Water Cloud Model for Estimating Crop Leaf Area Index. <i>Remote Sensing</i> , 2021, 13, 1348.	4.0	23
7	Rice phenology mapping using novel target characterization parameters from polarimetric SAR data. <i>International Journal of Remote Sensing</i> , 2021, 42, 5515-5539.	2.9	16
8	Monitoring crop growth using a canopy structure dynamic model and time series of synthetic aperture radar (SAR) data. <i>International Journal of Remote Sensing</i> , 2021, 42, 6433-6460.	2.9	6
9	Unsupervised Classification of Crop Growth Stages with Scattering Parameters from Dual-Pol Sentinel-1 SAR Data. <i>Remote Sensing</i> , 2021, 13, 4412.	4.0	11
10	A multi-year cross-validation experiment for estimating rice plant area index (PAI) over the JECAM-India test site from simulated RADARSAT constellation mission (RCM) compact polarimetric SAR data. <i>International Journal of Remote Sensing</i> , 2021, 42, 9490-9522.	2.9	0
11	C-band synthetic aperture radar (SAR) imagery for the classification of diverse cropping systems. <i>International Journal of Remote Sensing</i> , 2020, 41, 9628-9649.	2.9	12
12	A Radar Vegetation Index for Crop Monitoring Using Compact Polarimetric SAR Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 6321-6335.	6.3	30
13	Estimation of Crop Biomass and Leaf Area Index from Multitemporal and Multispectral Imagery Using Machine Learning Approaches. <i>Canadian Journal of Remote Sensing</i> , 2020, 46, 84-99.	2.4	21
14	Synthetic Aperture Radar (SAR) image processing for operational space-based agriculture mapping. <i>International Journal of Remote Sensing</i> , 2020, 41, 7112-7144.	2.9	21
15	Crop biophysical parameter retrieval from Sentinel-1 SAR data with a multi-target inversion of Water Cloud Model. <i>International Journal of Remote Sensing</i> , 2020, 41, 5503-5524.	2.9	32
16	A Generalized Volume Scattering Model-Based Vegetation Index From Polarimetric SAR Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019, 16, 1791-1795.	3.1	34
17	Quad and compact multitemporal C-band PolSAR observations for crop characterization and monitoring. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 74, 78-87.	2.8	32