

Li Lin

List of Publications by Year in descending order

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45
papers

674
citations

840585

11
h-index

1125617

13
g-index

48
all docs

48
docs citations

48
times ranked

410
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of Leaf Nitrogen Content in Wheat Using New Hyperspectral Indices and a Random Forest Regression Algorithm. <i>Remote Sensing</i> , 2018, 10, 1940.	1.8	92
2	Improvement and Validation of NASA/MODIS NRT Global Flood Mapping. <i>Remote Sensing</i> , 2019, 11, 205.	1.8	55
3	Machine-learned prediction of annual crop planting in the U.S. Corn Belt based on historical crop planting maps. <i>Computers and Electronics in Agriculture</i> , 2019, 166, 104989.	3.7	54
4	Rapid Flood Progress Monitoring in Cropland with NASA SMAP. <i>Remote Sensing</i> , 2019, 11, 191.	1.8	42
5	AgKit4EE: A toolkit for agricultural land use modeling of the conterminous United States based on Google Earth Engine. <i>Environmental Modelling and Software</i> , 2020, 129, 104694.	1.9	34
6	Validation and refinement of cropland data layer using a spatial-temporal decision tree algorithm. <i>Scientific Data</i> , 2022, 9, 63.	2.4	34
7	Remote Sensing Based Rapid Assessment of Flood Crop Damage Using Novel Disaster Vegetation Damage Index (DVDI). <i>International Journal of Disaster Risk Science</i> , 2021, 12, 90-110.	1.3	33
8	Exploring cloud-based Web Processing Service: A case study on the implementation of CMAQ as a Service. <i>Environmental Modelling and Software</i> , 2019, 113, 29-41.	1.9	30
9	GeoFairy: Towards a one-stop and location based Service for Geospatial Information Retrieval. <i>Computers, Environment and Urban Systems</i> , 2017, 62, 156-167.	3.3	24
10	CyberConnector: a service-oriented system for automatically tailoring multisource Earth observation data to feed Earth science models. <i>Earth Science Informatics</i> , 2018, 11, 1-17.	1.6	24
11	Selection of Landsat 8 OLI Band Combinations for Land Use and Land Cover Classification. , 2019, , .		23
12	Comparison of selected noise reduction techniques for MODIS daily NDVI: An empirical analysis on corn and soybean. , 2016, , .		16
13	Integrating OGC Web Processing Service with cloud computing environment for Earth Observation data. , 2017, , .		16
14	DVDI: A New Remotely Sensed Index for Measuring Vegetation Damage Caused by Natural Disasters. , 2018, , .		16
15	Impact of Climate Change on Soil Salinity: A Remote Sensing Based Investigation in Coastal Bangladesh. , 2018, , .		15
16	Remote Sensing of Urban Poverty and Gentrification. <i>Remote Sensing</i> , 2021, 13, 4022.	1.8	14
17	Agriculture flood mapping with Soil Moisture Active Passive (SMAP) data: A case of 2016 Louisiana flood. , 2017, , .		12
18	Extracting Trusted Pixels from Historical Cropland Data Layer Using Crop Rotation Patterns: A Case Study in Nebraska, USA. , 2019, , .		12

#	ARTICLE	IF	CITATIONS
19	Impacts of Soil Moisture on Crop Health: A Remote Sensing Perspective. , 2021, , .		10
20	Developing a GeoPackage mobile app to support field operations in agriculture. , 2016, , .		8
21	Developing a Web service based application for demographic information modeling and analyzing. , 2017, , .		8
22	Rapid Estimation of Flood Crop Loss by Using DVDI. , 2018, , .		8
23	Land Use and Land Cover Classification for Bangladesh 2005 on Google Earth Engine. , 2018, , .		8
24	Extract flood duration from Dartmouth Flood Observatory flood product. , 2017, , .		7
25	Cloud Environment for Disseminating NASS Cropland Data Layer. , 2019, , .		7
26	Advanced Cyberinfrastructure for Agricultural Drought Monitoring. , 2019, , .		6
27	Land Parcel Identification. Springer Remote Sensing/photogrammetry, 2021, , 163-174.	0.4	6
28	Assessing the water environmental capacity of pollution consumption in Jiulong River Basin. , 2015, , .		5
29	A GeoPackage implementation of common map API on Google Maps and OpenLayers to manipulate agricultural data on mobile devices. , 2016, , .		5
30	Combining OGC WCS with SOAP to facilitate the retrieval of remote sensing imagery about agricultural fields. , 2016, , .		5
31	Establish cyberinfrastructure to facilitate agricultural drought monitoring. , 2017, , .		5
32	Crop Field Boundary Delineation using Historical Crop Rotation Pattern. , 2019, , .		5
33	An efficient classification method of fully polarimetric SAR image based on polarimetric features and spatial features. , 2015, , .		4
34	Embedding Pub/Sub mechanism into OGC web services to augment agricultural crop monitoring. , 2016, , .		4
35	Building robust geospatial web services for agricultural information extraction and sharing. , 2017, , .		4
36	Developing geospatial Web service and system for SMAP soil moisture monitoring. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
37	Crop Fraction Layer (CFL) datasets derived through MODIS and LandSat for the continental US from year 2000â€“2016. , 2017, , .		3
38	Building Near-Real-Time MODIS Data Fusion Workflow to Support Agricultural Decision-making Applications. , 2019, , .		3
39	Unsupervised Classification of Fully Polarimetric SAR Image Based on Polarimetric Features and Spatial Features. Telkomnika (Telecommunication Computing Electronics and Control), 2016, 14, 244.	0.6	3
40	Using Machine Learning Approach to Evaluate the PM2.5 Concentrations in China from 1998 to 2016. , 2018, , .		2
41	An Overview of Agriculture Cyberinformatics Tools to Support USDA NASS Decision Making. , 2021, , .		2
42	Online parameterization for WOFOST for United States using open geospatial standards. , 2016, , .		1
43	VCI-based Analysis of Spatio-temporal Variations of Spring Drought in China from 1981 to 2015. , 2019, , .		1
44	Disaster Information Dissemination During Emergency Event: An Experiment in OGC Disaster Resilience Pilot. , 2021, , .		1
45	Applying Machine Learning to Cropland Data Layer for Agro-Geoinformation Discovery. , 2021, , .		1