

Lei Ji

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,873
citations

201385

27
h-index

301761

39
g-index

40
all docs

40
docs citations

40
times ranked

4125
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing vegetation response to drought in the northern Great Plains using vegetation and drought indices. <i>Remote Sensing of Environment</i> , 2003, 87, 85-98.	4.6	683
2	Analysis of Dynamic Thresholds for the Normalized Difference Water Index. <i>Photogrammetric Engineering and Remote Sensing</i> , 2009, 75, 1307-1317.	0.3	549
3	NDVI saturation adjustment: A new approach for improving cropland performance estimates in the Greater Platte River Basin, USA. <i>Ecological Indicators</i> , 2013, 30, 1-6.	2.6	139
4	Performance evaluation of spectral vegetation indices using a statistical sensitivity function. <i>Remote Sensing of Environment</i> , 2007, 106, 59-65.	4.6	113
5	Multi-platform comparisons of MODIS and AVHRR normalized difference vegetation index data. <i>Remote Sensing of Environment</i> , 2005, 99, 221-231.	4.6	106
6	An Agreement Coefficient for Image Comparison. <i>Photogrammetric Engineering and Remote Sensing</i> , 2006, 72, 823-833.	0.3	96
7	A spatial regression procedure for evaluating the relationship between AVHRR-NDVI and climate in the northern Great Plains. <i>International Journal of Remote Sensing</i> , 2004, 25, 297-311.	1.3	86
8	Climate-Driven Interannual Variability in Net Ecosystem Exchange in the Northern Great Plains Grasslands. <i>Rangeland Ecology and Management</i> , 2010, 63, 40-50.	1.1	81
9	Estimating aboveground biomass in interior Alaska with Landsat data and field measurements. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2012, 18, 451-461.	1.4	75
10	On the terminology of the spectral vegetation index $(NIR - SWIR) / (NIR + SWIR)$. <i>International Journal of Remote Sensing</i> , 2011, 32, 6901-6909.	1.3	70
11	Vegetation greenness trend (2000 to 2009) and the climate controls in the Qinghai-Tibetan Plateau. <i>Journal of Applied Remote Sensing</i> , 2013, 7, 073572.	0.6	68
12	Establishing water body areal extent trends in interior Alaska from multi-temporal Landsat data. <i>Remote Sensing Letters</i> , 2012, 3, 595-604.	0.6	67
13	Evaluation and comparison of gross primary production estimates for the Northern Great Plains grasslands. <i>Remote Sensing of Environment</i> , 2007, 106, 173-189.	4.6	58
14	Evaluation of the Global Land Data Assimilation System (GLDAS) Air Temperature Data Products. <i>Journal of Hydrometeorology</i> , 2015, 16, 2463-2480.	0.7	55
15	Comparison of MODIS and AVHRR 16-day normalized difference vegetation index composite data. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	50
16	The long-term trends (1982–2006) in vegetation greenness of the alpine ecosystem in the Qinghai-Tibetan Plateau. <i>Environmental Earth Sciences</i> , 2014, 72, 1827-1841.	1.3	49
17	Net ecosystem productivity of temperate grasslands in northern China: An upscaling study. <i>Agricultural and Forest Meteorology</i> , 2014, 184, 71-81.	1.9	42
18	Snow effects on alpine vegetation in the Qinghai-Tibetan Plateau. <i>International Journal of Digital Earth</i> , 2015, 8, 58-75.	1.6	42

#	ARTICLE	IF	CITATIONS
19	Application-Ready Expedited MODIS Data for Operational Land Surface Monitoring of Vegetation Condition. <i>Remote Sensing</i> , 2015, 7, 16226-16240.	1.8	40
20	Correction to "Upscaling carbon fluxes over the Great Plains grasslands: Sinks and sources". <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	36
21	Lag and Seasonality Considerations in Evaluating AVHRR NDVI Response to Precipitation. <i>Photogrammetric Engineering and Remote Sensing</i> , 2005, 71, 1053-1061.	0.3	35
22	Forecasting Vegetation Greenness With Satellite and Climate Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2004, 1, 3-6.	1.4	34
23	A self-trained classification technique for producing 30% percent-water maps from Landsat data. <i>International Journal of Remote Sensing</i> , 2010, 31, 2197-2203.	1.3	34
24	Distribution and landscape controls of organic layer thickness and carbon within the Alaskan Yukon River Basin. <i>Geoderma</i> , 2014, 230-231, 79-94.	2.3	34
25	Upscaling carbon fluxes over the Great Plains grasslands: Sinks and sources. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	31
26	Extending Airborne Electromagnetic Surveys for Regional Active Layer and Permafrost Mapping with Remote Sensing and Ancillary Data, Yukon Flats Ecoregion, Central Alaska. <i>Permafrost and Periglacial Processes</i> , 2013, 24, 184-199.	1.5	31
27	Characterizing spatiotemporal patterns of crop phenology across North America during 2000-2016 using satellite imagery and agricultural survey data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 170, 156-173.	4.9	31
28	Southeastern U.S. Vegetation Response to ENSO Events (1989-1999). <i>Climatic Change</i> , 2003, 60, 175-188.	1.7	25
29	A comparative analysis of three different MODIS NDVI datasets for Alaska and adjacent Canada. <i>Canadian Journal of Remote Sensing</i> , 2010, 36, S149-S167.	1.1	18
30	Effect of NOAA satellite orbital drift on AVHRR-derived phenological metrics. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 62, 215-223.	1.4	17
31	Response of spectral vegetation indices to soil moisture in grasslands and shrublands. <i>International Journal of Remote Sensing</i> , 2011, 32, 5267-5286.	1.3	13
32	Cross-sensor comparisons between Landsat 5 TM and IRS-P6 AWiFS and disturbance detection using integrated Landsat and AWiFS time-series images. <i>International Journal of Remote Sensing</i> , 2013, 34, 2432-2453.	1.3	13
33	Grassland and Cropland Net Ecosystem Production of the U.S. Great Plains: Regression Tree Model Development and Comparative Analysis. <i>Remote Sensing</i> , 2016, 8, 944.	1.8	11
34	Geostatistical estimation of signal-to-noise ratios for spectral vegetation indices. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2014, 96, 20-27.	4.9	10
35	Spatially explicit estimation of aboveground boreal forest biomass in the Yukon River Basin, Alaska. <i>International Journal of Remote Sensing</i> , 2015, 36, 939-953.	1.3	8
36	Evaluating the Temperature Difference Parameter in the SSEBop Model with Satellite-Observed Land Surface Temperature Data. <i>Remote Sensing</i> , 2019, 11, 1947.	1.8	8

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37	Exploring relationships of spring green-up to moisture and temperature across Wyoming, U.S.A. International Journal of Remote Sensing, 2019, 40, 956-984.	1.3	8
38	Characterization of water use and water balance for the croplands of Kansas using satellite, climate, and irrigation data. Agricultural Water Management, 2021, 256, 107106.	2.4	5
39	Temporal Greenness Trends in Stable Natural Land Cover and Relationships with Climatic Variability across the Conterminous United States. Earth Interactions, 2022, 26, 66-83.	0.7	1