Lei Ji

List of Publications by Year
in descending order

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39 papers	2,873 citations	201674 27 h-index	302126 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. Remote Sensing of Environment, 2003, 87, 85-98.	11.0	683
2	Analysis of Dynamic Thresholds for the Normalized Difference Water Index. Photogrammetric Engineering and Remote Sensing, 2009, 75, 1307-1317.	0.6	549
3	NDVI saturation adjustment: A new approach for improving cropland performance estimates in the Greater Platte River Basin, USA. Ecological Indicators, 2013, 30, 1-6.	6.3	139
4	Performance evaluation of spectral vegetation indices using a statistical sensitivity function. Remote Sensing of Environment, 2007, 106, 59-65.	11.0	113
5	Multi-platform comparisons of MODIS and AVHRR normalized difference vegetation index data. Remote Sensing of Environment, 2005, 99, 221-231.	11.0	106
6	An Agreement Coefficient for Image Comparison. Photogrammetric Engineering and Remote Sensing, 2006, 72, 823-833.	0.6	96
7	A spatial regression procedure for evaluating the relationship between AVHRR-NDVI and climate in the northern Great Plains. International Journal of Remote Sensing, 2004, 25, 297-311.	2.9	86
8	Climate-Driven Interannual Variability in Net Ecosystem Exchange in the Northern Great Plains Grasslands. Rangeland Ecology and Management, 2010, 63, 40-50.	2.3	81
9	Estimating aboveground biomass in interior Alaska with Landsat data and field measurements. International Journal of Applied Earth Observation and Geoinformation, 2012, 18, 451-461.	2.8	75
10	On the terminology of the spectral vegetation index (NIRâ€‰â^'â€‰SWIR)/(NIRâ€‰+â€‰SWIR). International Journal of Remote Sensing, 2011, 32, 6901-6909.	2.9	70
11	Vegetation greenness trend (2000 to 2009) and the climate controls in the Qinghai-Tibetan Plateau. Journal of Applied Remote Sensing, 2013, 7, 073572.	1.3	68
12	Establishing water body areal extent trends in interior Alaska from multi-temporal Landsat data. Remote Sensing Letters, 2012, 3, 595-604.	1.4	67
13	Evaluation and comparison of gross primary production estimates for the Northern Great Plains grasslands. Remote Sensing of Environment, 2007, 106, 173-189.	11.0	58
14	Evaluation of the Global Land Data Assimilation System (GLDAS) Air Temperature Data Products. Journal of Hydrometeorology, 2015, 16, 2463-2480.	1.9	55
15	Comparison of MODIS and AVHRR 16-day normalized difference vegetation index composite data. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	50
16	The long-term trends (1982â€“2006) in vegetation greenness of the alpine ecosystem in the Qinghai-Tibetan Plateau. Environmental Earth Sciences, 2014, 72, 1827-1841.	2.7	49
17	Net ecosystem productivity of temperate grasslands in northern China: An upscaling study. Agricultural and Forest Meteorology, 2014, 184, 71-81.	4.8	42
18	Snow effects on alpine vegetation in the Qinghai-Tibetan Plateau. International Journal of Digital Earth, 2015, 8, 58-75.	3.9	42

#	Article	IF	Citations
19	Application-Ready Expedited MODIS Data for Operational Land Surface Monitoring of Vegetation Condition. Remote Sensing, 2015, 7, 16226-16240.	4.0	40
20	Correction to â€œUpscaling carbon fluxes over the Great Plains grasslands: Sinks and sourcesâ€• Journal of Geophysical Research, 2011, 116, .	3.3	36
21	Lag and Seasonality Considerations in Evaluating AVHRR NDVI Response to Precipitation. Photogrammetric Engineering and Remote Sensing, 2005, 71, 1053-1061.	0.6	35
22	Forecasting Vegetation Greenness With Satellite and Climate Data. IEEE Geoscience and Remote Sensing Letters, 2004, 1, 3-6.	3.1	34
23	A self-trained classification technique for producing 30Âm percent-water maps from Landsat data. International Journal of Remote Sensing, 2010, 31, 2197-2203.	2.9	34
24	Distribution and landscape controls of organic layer thickness and carbon within the Alaskan Yukon River Basin. Geoderma, 2014, 230-231, 79-94.	5.1	34
25	Upscaling carbon fluxes over the Great Plains grasslands: Sinks and sources. Journal of Geophysical Research, 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. Permafrost and Periglacial Processes, 2013, 24, 184-199.	3.4	31
27	Characterizing spatiotemporal patterns of crop phenology across North America during 2000â€“2016 using satellite imagery and agricultural survey data. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 170, 156-173.	11.1	31
28	Southeastern U.S. Vegetation Response to ENSO Events (1989â€“1999). Climatic Change, 2003, 60, 175-188.	3.6	25
29	A comparative analysis of three different MODIS NDVI datasets for Alaska and adjacent Canada. Canadian Journal of Remote Sensing, 2010, 36, S149-S167.	2.4	18
30	Effect of NOAA satellite orbital drift on AVHRR-derived phenological metrics. International Journal of Applied Earth Observation and Geoinformation, 2017, 62, 215-223.	2.8	17
31	Response of spectral vegetation indices to soil moisture in grasslands and shrublands. International Journal of Remote Sensing, 2011, 32, 5267-5286.	2.9	13
32	Cross-sensor comparisons between Landsat 5 TM and IRS-P6 AWiFS and disturbance detection using integrated Landsat and AWiFS time-series images. International Journal of Remote Sensing, 2013, 34, 2432-2453.	2.9	13
33	Grassland and Cropland Net Ecosystem Production of the U.S. Great Plains: Regression Tree Model Development and Comparative Analysis. Remote Sensing, 2016, 8, 944.	4.0	11
34	Geostatistical estimation of signal-to-noise ratios for spectral vegetation indices. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 96, 20-27.	11.1	10
35	Spatially explicit estimation of aboveground boreal forest biomass in the Yukon River Basin, Alaska. International Journal of Remote Sensing, 2015, 36, 939-953.	2.9	8
36	Evaluating the Temperature Difference Parameter in the SSEBop Model with Satellite-Observed Land Surface Temperature Data. Remote Sensing, 2019, 11, 1947.	4.0	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.	2.9	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.	5.6	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.	1.5	1