Lei Ji

List of Publications by Year in descending order

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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	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
2	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
3	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.	4.9	31
4	Evaluating the Temperature Difference Parameter in the SSEBop Model with Satellite-Observed Land Surface Temperature Data. Remote Sensing, 2019, 11, 1947.	1.8	8
5	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
6	Effect of NOAA satellite orbital drift on AVHRR-derived phenological metrics. International Journal of Applied Earth Observation and Geoinformation, 2017, 62, 215-223.	1.4	17
7	Grassland and Cropland Net Ecosystem Production of the U.S. Great Plains: Regression Tree Model Development and Comparative Analysis. Remote Sensing, 2016, 8, 944.	1.8	11
8	Application-Ready Expedited MODIS Data for Operational Land Surface Monitoring of Vegetation Condition. Remote Sensing, 2015, 7, 16226-16240.	1.8	40
9	Evaluation of the Global Land Data Assimilation System (GLDAS) Air Temperature Data Products. Journal of Hydrometeorology, 2015, 16, 2463-2480.	0.7	55
10	Spatially explicit estimation of aboveground boreal forest biomass in the Yukon River Basin, Alaska. International Journal of Remote Sensing, 2015, 36, 939-953.	1.3	8
11	Snow effects on alpine vegetation in the Qinghai-Tibetan Plateau. International Journal of Digital Earth, 2015, 8, 58-75.	1.6	42
12	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.	1.3	49
13	Geostatistical estimation of signal-to-noise ratios for spectral vegetation indices. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 96, 20-27.	4.9	10
14	Net ecosystem productivity of temperate grasslands in northern China: An upscaling study. Agricultural and Forest Meteorology, 2014, 184, 71-81.	1.9	42
15	Distribution and landscape controls of organic layer thickness and carbon within the Alaskan Yukon River Basin. Geoderma, 2014, 230-231, 79-94.	2.3	34
16	NDVI saturation adjustment: A new approach for improving cropland performance estimates in the Greater Platte River Basin, USA. Ecological Indicators, 2013, 30, 1-6.	2.6	139
17	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.	1.5	31
18	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.	1.3	13

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19	Vegetation greenness trend (2000 to 2009) and the climate controls in the Qinghai-Tibetan Plateau. Journal of Applied Remote Sensing, 2013, 7, 073572.	0.6	68
20	Establishing water body areal extent trends in interior Alaska from multi-temporal Landsat data. Remote Sensing Letters, 2012, 3, 595-604.	0.6	67
21	Estimating aboveground biomass in interior Alaska with Landsat data and field measurements. International Journal of Applied Earth Observation and Geoinformation, 2012, 18, 451-461.	1.4	75
22	Response of spectral vegetation indices to soil moisture in grasslands and shrublands. International Journal of Remote Sensing, 2011, 32, 5267-5286.	1.3	13
23	On the terminology of the spectral vegetation index (NIRâ€‰â^'â€‰SWIR)/(NIRâ€‰+â€‰SWIR). International Journal of Remote Sensing, 2011, 32, 6901-6909.	1.3	70
24	Upscaling carbon fluxes over the Great Plains grasslands: Sinks and sources. Journal of Geophysical Research, 2011, 116, .	3.3	31
25	Correction to â€œUpscaling carbon fluxes over the Great Plains grasslands: Sinks and sourcesâ€• Journal of Geophysical Research, 2011, 116, .	3.3	36
26	A self-trained classification technique for producing 30Âm percent-water maps from Landsat data. International Journal of Remote Sensing, 2010, 31, 2197-2203.	1.3	34
27	A comparative analysis of three different MODIS NDVI datasets for Alaska and adjacent Canada. Canadian Journal of Remote Sensing, 2010, 36, S149-S167.	1.1	18
28	Climate-Driven Interannual Variability in Net Ecosystem Exchange in the Northern Great Plains Grasslands. Rangeland Ecology and Management, 2010, 63, 40-50.	1.1	81
29	Analysis of Dynamic Thresholds for the Normalized Difference Water Index. Photogrammetric Engineering and Remote Sensing, 2009, 75, 1307-1317.	0.3	549
30	Performance evaluation of spectral vegetation indices using a statistical sensitivity function. Remote Sensing of Environment, 2007, 106, 59-65.	4.6	113
31	Evaluation and comparison of gross primary production estimates for the Northern Great Plains grasslands. Remote Sensing of Environment, 2007, 106, 173-189.	4.6	58
32	An Agreement Coefficient for Image Comparison. Photogrammetric Engineering and Remote Sensing, 2006, 72, 823-833.	0.3	96
33	Lag and Seasonality Considerations in Evaluating AVHRR NDVI Response to Precipitation. Photogrammetric Engineering and Remote Sensing, 2005, 71, 1053-1061.	0.3	35
34	Multi-platform comparisons of MODIS and AVHRR normalized difference vegetation index data. Remote Sensing of Environment, 2005, 99, 221-231.	4.6	106
35	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.	1.3	86
36	Forecasting Vegetation Greenness With Satellite and Climate Data. IEEE Geoscience and Remote Sensing Letters, 2004, 1, 3-6.	1.4	34

#	Article	IF	Citations
37	Comparison of MODIS and AVHRR 16-day normalized difference vegetation index composite data. Geophysical Research Letters, 2004, 31, n/a-n/a.	1.5	50
38	Southeastern U.S. Vegetation Response to ENSO Events (1989â€“1999). Climatic Change, 2003, 60, 175-188.	1.7	25
39	Assessing vegetation response to drought in the northern Great Plains using vegetation and drought indices. Remote Sensing of Environment, 2003, 87, 85-98.	4.6	683