

# Li Jia

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,817  
citations

331670

21  
h-index

265206

42  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2072  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unified Optical-Thermal Four-Stream Radiative Transfer Theory for Homogeneous Vegetation Canopies. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007, 45, 1808-1822.	6.3	277
2	Reconstruction of global MODIS NDVI time series: Performance of Harmonic ANalysis of Time Series (HANTS). <i>Remote Sensing of Environment</i> , 2015, 163, 217-228.	11.0	187
3	Comparison of MOD16 and LSA-SAF MSG evapotranspiration products over Europe for 2011. <i>Remote Sensing of Environment</i> , 2015, 156, 510-526.	11.0	151
4	Estimation of sensible heat flux using the Surface Energy Balance System (SEBS) and ATSR measurements. <i>Physics and Chemistry of the Earth</i> , 2003, 28, 75-88.	2.9	137
5	Soil moisture experiment in the Luan River supporting new satellite mission opportunities. <i>Remote Sensing of Environment</i> , 2020, 240, 111680.	11.0	120
6	Monitoring of Evapotranspiration in a Semi-Arid Inland River Basin by Combining Microwave and Optical Remote Sensing Observations. <i>Remote Sensing</i> , 2015, 7, 3056-3087.	4.0	107
7	Can we trust remote sensing evapotranspiration products over Africa?. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 1565-1586.	4.9	76
8	A new approach for retrieving precipitable water from ATSR2 split-window channel data over land area. <i>International Journal of Remote Sensing</i> , 2003, 24, 5095-5117.	2.9	73
9	On the performance of remote sensing time series reconstruction methods – A spatial comparison. <i>Remote Sensing of Environment</i> , 2016, 187, 367-384.	11.0	62
10	Retrieving High-Resolution Surface Soil Moisture by Downscaling AMSR-E Brightness Temperature Using MODIS LST and NDVI Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 935-942.	4.9	57
11	Estimation of actual evapotranspiration and its components in an irrigated area by integrating the Shuttleworth-Wallace and surface temperature-vegetation index schemes using the particle swarm optimization algorithm. <i>Agricultural and Forest Meteorology</i> , 2021, 307, 108488.	4.8	50
12	Glacier Facies Mapping Using a Machine-Learning Algorithm: The Parlung Zangbo Basin Case Study. <i>Remote Sensing</i> , 2019, 11, 452.	4.0	46
13	Global canopy rainfall interception loss derived from satellite earth observations. <i>Ecohydrology</i> , 2020, 13, e2186.	2.4	41
14	A Modified Gash Model for Estimating Rainfall Interception Loss of Forest Using Remote Sensing Observations at Regional Scale. <i>Water (Switzerland)</i> , 2014, 6, 993-1012.	2.7	40
15	Global spatiotemporally continuous MODIS land surface temperature dataset. <i>Scientific Data</i> , 2022, 9, 143.	5.3	36
16	Mapping Land Use Land Cover Transitions at Different Spatiotemporal Scales in West Africa. <i>Sustainability</i> , 2020, 12, 8565.	3.2	35
17	Early Drought Detection by Spectral Analysis of Satellite Time Series of Precipitation and Normalized Difference Vegetation Index (NDVI). <i>Remote Sensing</i> , 2016, 8, 422.	4.0	31
18	Glacier Mass Balance in the Nyainqentanglha Mountains between 2000 and 2017 Retrieved from ZiYuan-3 Stereo Images and the SRTM DEM. <i>Remote Sensing</i> , 2020, 12, 864.	4.0	29

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19	Mapping of Interception Loss of Vegetation in the Heihe River Basin of China Using Remote Sensing Observations. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 23-27.	3.1	28
20	The characteristics and parameterization of aerodynamic roughness length over heterogeneous surfaces. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 180-190.	4.3	24
21	Validation of seven global remotely sensed ET products across Thailand using water balance measurements and land use classifications. <i>Journal of Hydrology: Regional Studies</i> , 2020, 30, 100709.	2.4	23
22	Calibration and Validation of SWAT Model by Using Hydrological Remote Sensing Observables in the Lake Chad Basin. <i>Remote Sensing</i> , 2022, 14, 1511.	4.0	21
23	Estimation of evapotranspiration of "soil-vegetation" system with a scheme combining a dual-source model and satellite data assimilation. <i>Journal of Hydrology</i> , 2021, 603, 127145.	5.4	17
24	Inter- and Intra-Annual Glacier Elevation Change in High Mountain Asia Region Based on ICESat-1&2 Data Using Elevation-Aspect Bin Analysis Method. <i>Remote Sensing</i> , 2022, 14, 1630.	4.0	16
25	Earth Observations-Based Evapotranspiration in Northeastern Thailand. <i>Remote Sensing</i> , 2019, 11, 138.	4.0	14
26	Optimal Estimate of Global Biome-Specific Parameter Settings to Reconstruct NDVI Time Series with the Harmonic ANalysis of Time Series (HANTS) Method. <i>Remote Sensing</i> , 2021, 13, 4251.	4.0	13
27	Anisotropy Parameterization Development and Evaluation for Glacier Surface Albedo Retrieval from Satellite Observations. <i>Remote Sensing</i> , 2021, 13, 1714.	4.0	10
28	Evapotranspiration estimates from an energy-water-balance model calibrated on satellite land surface temperature over the Heihe basin. <i>Journal of Arid Environments</i> , 2021, 188, 104466.	2.4	10
29	Interannual and Seasonal Variability of Glacier Surface Velocity in the Parlung Zangbo Basin, Tibetan Plateau. <i>Remote Sensing</i> , 2021, 13, 80.	4.0	9
30	Quantifying spatial reallocation of land use/land cover categories in West Africa. <i>Ecological Indicators</i> , 2022, 135, 108556.	6.3	9
31	Estimation of Growing Season Daily ET in the Middle Stream and Downstream Areas of the Heihe River Basin Using HJ-1 Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 948-952.	3.1	8
32	A numerical analysis of aggregation error in evapotranspiration estimates due to heterogeneity of soil moisture and leaf area index. <i>Agricultural and Forest Meteorology</i> , 2019, 269-270, 335-350.	4.8	8
33	Glacier Area and Snow Cover Changes in the Range System Surrounding Tarim from 2000 to 2020 Using Google Earth Engine. <i>Remote Sensing</i> , 2021, 13, 5117.	4.0	8
34	Estimation of subpixel snow sublimation from multispectral satellite observations. <i>Journal of Applied Remote Sensing</i> , 2017, 11, 1.	1.3	7
35	Global evapotranspiration derived by ETMonitor model based on earth observations. , 2016, , .		6
36	A prototype web-based analysis platform for drought monitoring and early warning. <i>International Journal of Digital Earth</i> , 2020, 13, 817-831.	3.9	6

#	ARTICLE	IF	CITATIONS
37	Quantification and Assessment of Global Terrestrial Water Storage Deficit Caused by Drought Using GRACE Satellite Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 5001-5012.	4.9	6
38	Characterization of 2014 summer drought over Henan province using remotely sensed data. , 2015, , .		3
39	Observing the Response of Terrestrial Vegetation to Climate Variability Across a Range of Time Scales by Time Series Analysis of Land Surface Temperature. Remote Sensing and Digital Image Processing, 2016, , 277-315.	0.7	3
40	Assessment of Water Use in Pan-Eurasian and African Continents by ETMonitor with Multi-Source Satellite Data. IOP Conference Series: Earth and Environmental Science, 2017, 57, 012050.	0.3	3
41	A New Method to Estimate Changes in Glacier Surface Elevation Based on Polynomial Fitting of Sparse ICESatâ€”GLAS Footprints. Sensors, 2017, 17, 1803.	3.8	3
42	Estimation of Global Cropland Gross Primary Production from Satellite Observations by Integrating Water Availability Variable in Light-Use-Efficiency Model. Remote Sensing, 2022, 14, 1722.	4.0	3
43	Multi-Source Hydrological Data Products to Monitor High Asian River Basins and Regional Water Security. Remote Sensing, 2021, 13, 5122.	4.0	3
44	A Scheme to Estimate Diurnal Cycle of Evapotranspiration from Geostationary Meteorological Satellite Observations. Water (Switzerland), 2020, 12, 2369.	2.7	1