

Feng Tian

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32 papers	1,570 citations	20 h-index	35 g-index
35 ext. papers	2,097 ext. citations	9.4 avg, IF	4.68 L-index

#	Paper	IF	Citations
32	Estimation of Aerosol Optical Depth at 30 m Resolution Using Landsat Imagery and Machine Learning. <i>Remote Sensing</i> , 2022 , 14, 1053	5	2
31	Widespread decline in winds delayed autumn foliar senescence over high latitudes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	14
30	Early Growing Season Anomalies in Vegetation Activity Determine the Large-Scale Climate-Vegetation Coupling in Europe. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021 , 126, e2020JG006167	3.7	3
29	The complex multi-sectoral impacts of drought: Evidence from a mountainous basin in the Central Spanish Pyrenees. <i>Science of the Total Environment</i> , 2021 , 769, 144702	10.2	3
28	Vegetation greening in more than 94% of the Yellow River Basin (YRB) region in China during the 21st century caused jointly by warming and anthropogenic activities. <i>Ecological Indicators</i> , 2021 , 125, 107479	5.8	20
27	A physiology-based Earth observation model indicates stagnation in the global gross primary production during recent decades. <i>Global Change Biology</i> , 2021 , 27, 836-854	11.4	3
26	Calibrating vegetation phenology from Sentinel-2 using eddy covariance, PhenoCam, and PEP725 networks across Europe. <i>Remote Sensing of Environment</i> , 2021 , 260, 112456	13.2	11
25	Asymmetric patterns and temporal changes in phenology-based seasonal gross carbon uptake of global terrestrial ecosystems. <i>Global Ecology and Biogeography</i> , 2020 , 29, 1020-1033	6.1	6
24	Recent divergence in the contributions of tropical and boreal forests to the terrestrial carbon sink. <i>Nature Ecology and Evolution</i> , 2020 , 4, 202-209	12.3	39
23	The forgotten land use class: Mapping of fallow fields across the Sahel using Sentinel-2. <i>Remote Sensing of Environment</i> , 2020 , 239, 111598	13.2	30
22	Minimum carbon uptake controls the interannual variability of ecosystem productivity in tropical evergreen forests. <i>Global and Planetary Change</i> , 2020 , 195, 103343	4.2	1
21	Satellite-observed pantropical carbon dynamics. <i>Nature Plants</i> , 2019 , 5, 944-951	11.5	82
20	Trends of land surface phenology derived from passive microwave and optical remote sensing systems and associated drivers across the dry tropics 1992–2012. <i>Remote Sensing of Environment</i> , 2019 , 232, 111307	13.2	31
19	Ecosystem structural changes controlled by altered rainfall climatology in tropical savannas. <i>Nature Communications</i> , 2019 , 10, 671	17.4	20
18	"Reduction of tree cover in West African woodlands and promotion in semi-arid farmlands". <i>Nature Geoscience</i> , 2018 , 11, 328-333	18.3	58
17	Satellite passive microwaves reveal recent climate-induced carbon losses in African drylands. <i>Nature Ecology and Evolution</i> , 2018 , 2, 827-835	12.3	97
16	Increased vegetation growth and carbon stock in China karst via ecological engineering. <i>Nature Sustainability</i> , 2018 , 1, 44-50	22.1	230

15	Coupling of ecosystem-scale plant water storage and leaf phenology observed by satellite. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1428-1435	12.3	72
14	Satellite-Observed Major Greening and Biomass Increase in South China Karst During Recent Decade. <i>Earth's Future</i> , 2018 , 6, 1017-1028	7.9	68
13	Acceleration of global vegetation greenup from combined effects of climate change and human land management. <i>Global Change Biology</i> , 2018 , 24, 5484-5499	11.4	39
12	Human population growth offsets climate-driven increase in woody vegetation in sub-Saharan Africa. <i>Nature Ecology and Evolution</i> , 2017 , 1, 81	12.3	103
11	Revisiting the coupling between NDVI trends and cropland changes in the Sahel drylands: A case study in western Niger. <i>Remote Sensing of Environment</i> , 2017 , 191, 286-296	13.2	45
10	Mapping gains and losses in woody vegetation across global tropical drylands. <i>Global Change Biology</i> , 2017 , 23, 1748-1760	11.4	62
9	Remote sensing of vegetation dynamics in drylands: Evaluating vegetation optical depth (VOD) using AVHRR NDVI and in situ green biomass data over West African Sahel. <i>Remote Sensing of Environment</i> , 2016 , 177, 265-276	13.2	127
8	Effect of coal mining on vegetation disturbance and associated carbon loss. <i>Environmental Earth Sciences</i> , 2015 , 73, 2329-2342	2.9	35
7	Evaluating temporal consistency of long-term global NDVI datasets for trend analysis. <i>Remote Sensing of Environment</i> , 2015 , 163, 326-340	13.2	171
6	Assessment of Vegetation Trends in Drylands from Time Series of Earth Observation Data. <i>Remote Sensing and Digital Image Processing</i> , 2015 , 159-182	0.2	6
5	Assessing Drivers of Vegetation Changes in Drylands from Time Series of Earth Observation Data. <i>Remote Sensing and Digital Image Processing</i> , 2015 , 183-202	0.2	6
4	Snow effects on alpine vegetation in the Qinghai-Tibetan Plateau. <i>International Journal of Digital Earth</i> , 2015 , 8, 58-75	3.9	31
3	Monitoring coal fires in Datong coalfield using multi-source remote sensing data. <i>Transactions of Nonferrous Metals Society of China</i> , 2015 , 25, 3421-3428	3.3	24
2	Climate Contributions to Vegetation Variations in Central Asian Drylands: Pre- and Post-USSR Collapse. <i>Remote Sensing</i> , 2015 , 7, 2449-2470	5	73
1	Mapping and Evaluation of NDVI Trends from Synthetic Time Series Obtained by Blending Landsat and MODIS Data around a Coalfield on the Loess Plateau. <i>Remote Sensing</i> , 2013 , 5, 4255-4279	5	58