Lin Zhao

List of Publications by Year
in descending order

25 papers	1,095 citations	567144 15 h-index	752573 20 g-index
25 all docs	25 docs citations	25 times ranked	1430 citing authors

#	Article	IF	Citations
1	Evaluation of the TRMM 3B42 and GPM IMERG products for extreme precipitation analysis over China. Atmospheric Research, 2019, 223, 24-38.	1.8	169
2	Changes in global vegetation activity and its driving factors during 1982â€“2013. Agricultural and Forest Meteorology, 2018, 249, 198-209.	1.9	151
3	Drought hazard assessment and spatial characteristics analysis in China. Journal of Chinese Geography, 2011, 21, 235-249.	1.5	139
4	Assessing disaster impacts and response using social media data in China: A case study of 2016 Wuhan rainstorm. International Journal of Disaster Risk Reduction, 2019, 34, 275-282.	1.8	89
5	Quantitative assessment and spatial characteristics analysis of agricultural drought vulnerability in China. Natural Hazards, 2011, 56, 785-801.	1.6	71
6	Quantitative assessment and spatial characteristic analysis of agricultural drought risk in China. Natural Hazards, 2013, 66, 155-166.	1.6	69
7	Impact of meteorological drought on streamflow drought in Jinghe River Basin of China. Chinese Geographical Science, 2014, 24, 694-705.	1.2	56
8	Regional differences in the relationship between climatic factors, vegetation, land surface conditions, and dust weather in Chinaâ€™s Beijing-Tianjin Sand Source Region. Natural Hazards, 2012, 62, 31-44.	1.6	47
9	Observed changes in hydrological extremes and flood disaster in Yangtze River Basin: spatialâ€“temporal variability and climate change impacts. Natural Hazards, 2018, 93, 89-107.	1.6	47
10	Impacts of preseason drought on vegetation spring phenology across the Northeast China Transect. Science of the Total Environment, 2020, 738, 140297.	3.9	43
11	Comparison of remotely sensed and meteorological data-derived drought indices in mid-eastern China. International Journal of Remote Sensing, 2012, 33, 1755-1779.	1.3	42
12	Spatial patterns of climatological temperature lapse rate in mainland China: A multiâ€“time scale investigation. Journal of Geophysical Research D: Atmospheres, 2015, 120, 2661-2675.	1.2	35
13	Exploring the potential of deep factorization machine and various gradient boosting models in modeling daily reference evapotranspiration in China. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	27
14	The Integrated Surface Drought Index (ISDI) as an Indicator for Agricultural Drought Monitoring: Theory, Validation, and Application in Mid-Eastern China. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 1254-1262.	2.3	24
15	How do climatic and non-climatic factors contribute to the dynamics of vegetation autumn phenology in the Yellow River Basin, China?. Ecological Indicators, 2020, 112, 106112.	2.6	24
16	Robust Response of Streamflow Drought to Different Timescales of Meteorological Drought in Xiangjiang River Basin of China. Advances in Meteorology, 2016, 2016, 1-8.	0.6	14
17	A modified regional L-moment method for regional extreme precipitation frequency analysis in the Songliao River Basin of China. Atmospheric Research, 2019, 230, 104629.	1.8	13
18	Evaluating the Performance of Sentinel-3A OLCI Land Products for Gross Primary Productivity Estimation Using AmeriFlux Data. Remote Sensing, 2020, 12, 1927.	1.8	10

#	Article	IF	Citations
19	Estimation of the losses in potential concentrated solar thermal power electricity production due to air pollution in China. Science of the Total Environment, 2021, 784, 147214.	3.9	8
20	Biophysical climate impact of forests with different age classes in mid- and high-latitude North America. Forest Ecology and Management, 2021, 494, 119327.	1.4	7
21	Assessing the drought monitoring characteristic of timeseries NDVI indices in crop growing season. , 2010, , .		4
22	Using a new integrated drought monitoring index to improve drought detection in mid-eastern China. , 2012, , .		3
23	Analysis of relationships among vegetation condition indices and multiple-time scale SPI of grassland in growing season. , 2010, , .		2
24	The investigation of relationship between integrated surface drought index (ISDI) detected drought condition and crop yield. , 2014, , .		1
25	Evaluation of Integrated Surface Drought Index (ISDI) via precipitation data and soil moisture. , 2013, , .		0