Biyao Zhang

List of Publications by Year
in descending order

15 papers	239 citations	1040056 9 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	246 citing authors

#	Article	IF	Citations
1	Greenup dates change across a temperate forest-grassland ecotone in northeastern China driven by spring temperature and tree cover. Agricultural and Forest Meteorology, 2022, 314, 108780.	4.8	4
2	Dynamic Forecast of Desert Locust Presence Using Machine Learning with a Multivariate Time Lag Sliding Window Technique. Remote Sensing, 2022, 14, 747.	4.0	9
3	Risk Prediction and Variable Analysis of Pine Wilt Disease by a Maximum Entropy Model. Forests, 2022, 13, 342.	2.1	8
4	Establishing forest resilience indicators in the hilly red soil region of southern China from vegetation greenness and landscape metrics using dense Landsat time series. Ecological Indicators, 2021, 121, 106985.	6.3	19
5	A Spatiotemporal Change Detection Method for Monitoring Pine Wilt Disease in a Complex Landscape Using High-Resolution Remote Sensing Imagery. Remote Sensing, 2021, 13, 2083.	4.0	29
6	Multi-Type Forest Change Detection Using BFAST and Monthly Landsat Time Series for Monitoring Spatiotemporal Dynamics of Forests in Subtropical Wetland. Remote Sensing, 2020, 12, 341.	4.0	45
7	Spatio-temporal variation indicators for landscape structure dynamics monitoring using dense normalized difference vegetation index time series. Ecological Indicators, 2019, 107, 105607.	6.3	15
8	A Framework for Rice Heavy Metal Stress Monitoring Based on Phenological Phase Space and Temporal Profile Analysis. International Journal of Environmental Research and Public Health, 2019, 16, 350.	2.6	4
9	Detection of Rice Phenological Variations under Heavy Metal Stress by Means of Blended Landsat and MODIS Image Time Series. Remote Sensing, 2019, 11, 13.	4.0	16
10	Downscaling of GRACE datasets based on relevance vector machine using InSAR time series to generate maps of groundwater storage changes at local scale. Journal of Applied Remote Sensing, 2019, 13, 1.	1.3	12
11	Evaluating Heavy-Metal Stress Levels in Rice Using a Theoretical Model of Canopy-Air Temperature and Leaf Area Index Based on Remote Sensing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 3232-3242.	4.9	18
12	Thermal infrared imaging of the variability of canopy-air temperature difference distribution for heavy metal stress levels discrimination in rice. Journal of Applied Remote Sensing, 2017, 11, 026036.	1.3	6
13	Extraction of Rice Heavy Metal Stress Signal Features Based on Long Time Series Leaf Area Index Data Using Ensemble Empirical Mode Decomposition. International Journal of Environmental Research and Public Health, 2017, 14, 1018.	2.6	21
14	Regional heavy metal pollution in crops by integrating physiological function variability with spatio-temporal stability using multi-temporal thermal remote sensing. International Journal of Applied Earth Observation and Geoinformation, 2016, 51, 91-102.	2.8	28
15	Spatiotemporal Variability of Chlorophyll a and Sea Surface Temperature in the Northern South China Sea from 2002 to 2012. Canadian Journal of Remote Sensing, 2015, 41, 547-560.	2.4	5