

Biyao Zhang

List of Publications by Year in descending order

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