Liyuan Zhang

List of Publications by Year
in descending order

9 papers	418 citations	1307366 7 h-index	1474057 9 g-index
9 all docs	9 docs citations	9 times ranked	440 citing authors

#	Article	IF	Citations
1	Effects of image spatial resolution and statistical scale on water stress estimation performance of MGDEXG: A new crop water stress indicator derived from RGB images. Agricultural Water Management, 2022, 264, 107506.	2.4	4
2	A Fixed-Threshold Method for Estimating Fractional Vegetation Cover of Maize under Different Levels of Water Stress. Remote Sensing, 2021, 13, 1009.	1.8	7
3	The mean value of gaussian distribution of excess green index: A new crop water stress indicator. Agricultural Water Management, 2021, 251, 106866.	2.4	10
4	Mapping maize crop coefficient Kc using random forest algorithm based on leaf area index and UAV-based multispectral vegetation indices. Agricultural Water Management, 2021, 252, 106906.	2.4	38
5	Evaluating the sensitivity of water stressed maize chlorophyll and structure based on UAV derived vegetation indices. Computers and Electronics in Agriculture, 2021, 185, 106174.	3.7	32
6	Maize Canopy Temperature Extracted From UAV Thermal and RGB Imagery and Its Application in Water Stress Monitoring. Frontiers in Plant Science, 2019, 10, 1270.	1.7	107
7	UAV Multispectral Imagery Combined with the FAO-56 Dual Approach for Maize Evapotranspiration Mapping in the North China Plain. Remote Sensing, 2019, 11, 2519.	1.8	16
8	Estimating Above-Ground Biomass of Maize Using Features Derived from UAV-Based RGB Imagery. Remote Sensing, 2019, 11, 1261.	1.8	104
9	Mapping Maize Water Stress Based on UAV Multispectral Remote Sensing. Remote Sensing, 2019, 11, 605.	1.8	100