

Liyuan Zhang

List of Publications by Year in descending order

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