

Jia Jin

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

309
citations

933447

10
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

342
citing authors

#	ARTICLE	IF	CITATIONS
1	Selecting informative bands for partial least squares regressions improves their goodness-of-fits to estimate leaf photosynthetic parameters from hyperspectral data. <i>Photosynthesis Research</i> , 2022, 151, 71-82.	2.9	11
2	Proximal Remote Sensing-Based Vegetation Indices for Monitoring Mango Tree Stem Sap Flux Density. <i>Remote Sensing</i> , 2022, 14, 1483.	4.0	7
3	Hyperspectral indices developed from the low order fractional derivative spectra can capture leaf dry matter content across a variety of species better. <i>Agricultural and Forest Meteorology</i> , 2022, 322, 109007.	4.8	8
4	Including leaf trait information helps empirical estimation of j_{max} from v_{cmax} in cool-temperate deciduous forests. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 839-848.	5.8	3
5	Exploring the instability of the relationship between maximum potential electron transport rate and maximum carboxylation rate in cool-temperate deciduous forests. <i>Agricultural and Forest Meteorology</i> , 2021, 308-309, 108614.	4.8	8
6	Leaf Photosynthetic Capacity of Sunlit and Shaded Mature Leaves in a Deciduous Forest. <i>Forests</i> , 2020, 11, 318.	2.1	14
7	Tracing Leaf Photosynthetic Parameters Using Hyperspectral Indices in an Alpine Deciduous Forest. <i>Remote Sensing</i> , 2020, 12, 1124.	4.0	25
8	An increase in nighttime light detected for protected areas in mainland China based on VIIRS DNB data. <i>Ecological Indicators</i> , 2019, 107, 105615.	6.3	23
9	Evaluation of Informative Bands Used in Different PLS Regressions for Estimating Leaf Biochemical Contents from Hyperspectral Reflectance. <i>Remote Sensing</i> , 2019, 11, 197.	4.0	24
10	Combing both simulated and field-measured data to develop robust hyperspectral indices for tracing canopy transpiration in drought-tolerant plant. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 13.	2.7	4
11	Validation of Himawari-8 aerosol optical depth retrievals over China. <i>Atmospheric Environment</i> , 2019, 199, 32-44.	4.1	74
12	Tracing water and energy fluxes and reflectance in an arid ecosystem using the integrated model SCOPE. <i>Journal of Environmental Management</i> , 2019, 231, 1082-1090.	7.8	9
13	Selection of Informative Spectral Bands for PLS Models to Estimate Foliar Chlorophyll Content Using Hyperspectral Reflectance. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 3064-3072.	6.3	31
14	Hyperspectral Remote Sensing of Plant Water Status and Plant Water Use under Drought Stress. , 2019, , 127-144.		0
15	Informative bands used by efficient hyperspectral indices to predict leaf biochemical contents are determined by their relative absorptions. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 73, 616-626.	2.8	4
16	Derivative Hyperspectral Vegetation Indices in Characterizing Forest Biophysical and Biochemical Quantities. , 2018, , 27-63.		4
17	Assessing ecological vulnerability in western China based on Time-Integrated NDVI data. <i>Journal of Arid Land</i> , 2016, 8, 533-545.	2.3	28
18	Hyperspectral indices based on first derivative spectra closely trace canopy transpiration in a desert plant. <i>Ecological Informatics</i> , 2016, 35, 1-8.	5.2	20

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19	Long-term oscillation of drought conditions in the western China: an analysis of PDSI on a decadal scale. <i>Journal of Arid Land</i> , 2016, 8, 819-831.	2.3	12
20	Spatial pattern of soil microbial biomass in a typical arid ecosystem. <i>WIT Transactions on the Built Environment</i> , 2014, , .	0.0	0