

# Jia Jin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7141690/publications.pdf>

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  | Validation of Himawari-8 aerosol optical depth retrievals over China. <i>Atmospheric Environment</i> , 2019, 199, 32-44.   | 4.1 | 74        |
| 2  | 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        |
| 3  | 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        |
| 4  | Tracing Leaf Photosynthetic Parameters Using Hyperspectral Indices in an Alpine Deciduous Forest. <i>Remote Sensing</i> , 2020, 12, 1124.  | 4.0 | 25        |
| 5  | 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        |
| 6  | 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        |
| 7  | 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        |
| 8  | Leaf Photosynthetic Capacity of Sunlit and Shaded Mature Leaves in a Deciduous Forest. <i>Forests</i> , 2020, 11, 318.   | 2.1 | 14        |
| 9  | 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        |
| 10 | 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        |
| 11 | 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         |
| 12 | 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         |
| 13 | 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         |
| 14 | Proximal Remote Sensing-Based Vegetation Indices for Monitoring Mango Tree Stem Sap Flux Density. <i>Remote Sensing</i> , 2022, 14, 1483.  | 4.0 | 7         |
| 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 | 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         |
| 17 | Derivative Hyperspectral Vegetation Indices in Characterizing Forest Biophysical and Biochemical Quantities. , 2018, , 27-63.  |     | 4         |
| 18 | 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         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Spatial pattern of soil microbial biomass in a typical arid ecosystem. WIT Transactions on the Built Environment, 2014, , . | 0.0 | 0         |
| 20 | Hyperspectral Remote Sensing of Plant Water Status and Plant Water Use under Drought Stress. , 2019, , 127-144.             |     | 0         |