Jian

List of Publications by Year
in descending order

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20 papers	492 citations	759233 12 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	434 citing authors

#	Article	IF	Citations
1	A convolution neural network for forest leaf chlorophyll and carotenoid estimation using hyperspectral reflectance. International Journal of Applied Earth Observation and Geoinformation, 2022, 108, 102719.	2.8	11
2	Leaf pigment retrieval using the PROSAIL model: Influence of uncertainty in prior canopy-structure information. Crop Journal, 2022, 10, 1251-1263.	5.2	11
3	Improving the Selection of Vegetation Index Characteristic Wavelengths by Using the PROSPECT Model for Leaf Water Content Estimation. Remote Sensing, 2021, 13, 821.	4.0	9
4	Analyzing the effect of incident angle on echo intensity acquired by hyperspectral lidar based on the Lambert-Beckman model. Optics Express, 2021, 29, 11055.	3.4	7
5	Analyzing the Effects of Hyperspectral ZhuHai-1 Band Combinations on LAI Estimation Based on the PROSAIL Model. Sensors, 2021, 21, 1869.	3.8	11
6	Improving characteristic band selection in leaf biochemical property estimation considering interrelations among biochemical parameters based on the PROSPECT-D model. Optics Express, 2021, 29, 400.	3.4	22
7	Active 3D Imaging of Vegetation Based on Multi-Wavelength Fluorescence LiDAR. Sensors, 2020, 20, 935.	3.8	13
8	Leaf Biochemistry Parameters Estimation of Vegetation Using the Appropriate Inversion Strategy. Frontiers in Plant Science, 2020, 11, 533.	3.6	4
9	True-Color Three-Dimensional Imaging and Target Classification Based on Hyperspectral LiDAR. Remote Sensing, 2019, 11, 1541.	4.0	15
10	Wavelength selection of the multispectral lidar system for estimating leaf chlorophyll and water contents through the PROSPECT model. Agricultural and Forest Meteorology, 2019, 266-267, 43-52.	4.8	48
11	Hyperspectral lidar point cloud segmentation based on geometric and spectral information. Optics Express, 2019, 27, 24043.	3.4	31
12	Effect of different regression algorithms on the estimating leaf parameters based on selected characteristic wavelengths by using the PROSPECT model. Applied Optics, 2019, 58, 9904.	1.8	2
13	Estimating leaf chlorophyll status using hyperspectral lidar measurements by PROSPECT model inversion. Remote Sensing of Environment, 2018, 212, 1-7.	11.0	36
14	Analyzing the performance of PROSPECT model inversion based on different spectral information for leaf biochemical properties retrieval. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 135, 74-83.	11.1	43
15	Monitoring of Paddy Rice Varieties Based on the Combination of the Laser-Induced Fluorescence and Multivariate Analysis. Food Analytical Methods, 2017, 10, 2398-2403.	2.6	9
16	Effect of fluorescence characteristics and different algorithms on the estimation of leaf nitrogen content based on laser-induced fluorescence lidar in paddy rice. Optics Express, 2017, 25, 3743.	3.4	27
17	Estimating Rice Leaf Nitrogen Concentration: Influence of Regression Algorithms Based on Passive and Active Leaf Reflectance. Remote Sensing, 2017, 9, 951.	4.0	49
18	Laser-induced fluorescence characteristics of vegetation by a new excitation wavelength. Spectroscopy Letters, 2016, 49, 263-267.	1.0	19

#	Article	IF	Citations
19	Estimation of rice leaf nitrogen contents based on hyperspectral LIDAR. International Journal of Applied Earth Observation and Geoinformation, 2016, 44, 136-143.	2.8	84
20	Investigating the Potential of Using the Spatial and Spectral Information of Multispectral LiDAR for Object Classification. Sensors, 2015, 15, 21989-22002.	3.8	41