Tianyuan Zhang

List of Publications by Year
in descending order

21	354	1051969 10	1255698 13
papers	citations	h-index	g-index

21	21	21	309
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Uniform iron oxide nanoparticles reduce the required amount of polyethylenimine in the gene delivery to mesenchymal stem cells. Nanotechnology, 2022, 33, 125101.	1.3	2
2	Iron oxide nanoparticles augment the intercellular mitochondrial transferâ€“mediated therapy. Science Advances, 2021, 7, eabj0534.	4.7	44
3	Transfer-learning-based approach for leaf chlorophyll content estimation of winter wheat from hyperspectral data. Remote Sensing of Environment, 2021, 267, 112724.	4.6	77
4	Optical and Thermal Remote Sensing for Monitoring Agricultural Drought. Remote Sensing, 2021, 13, 5092.	1.8	15
5	Red-Edge Band Vegetation Indices for Leaf Area Index Estimation From Sentinel-2/MSI Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 826-840.	2.7	76
6	Retrieval of Leaf Nitrogen Concentration in Winter Wheat Using Red Edge Band and Artificial Neural Network. , 2019, , .		1
7	Spectral characteristics of copper-stressed vegetation leaves and further understanding of the copper stress vegetation index. International Journal of Remote Sensing, 2019, 40, 4473-4488.	1.3	21
8	Assessment of the application of copper stress vegetation index on Hyperion image in Dexing Copper Mine, China. Journal of Applied Remote Sensing, 2019, 13, 1.	0.6	2
9	Optimal Hyperspectral Characteristics Determination for Winter Wheat Yield Prediction. Remote Sensing, 2018, 10, 2015.	1.8	23
10	Optimization of Spectral Indices for the Estimation of Leaf Area Index Based on Sentinel-2 Multispectral Imagery. , 2018, , .		2
11	A Modified Ratio Vegetation Index: A Novel Method for Remote Estimation of Leaf Chlorophyll Content for Winter Wheat. , 2018, , .		0
12	Snow Cover Monitoring with Chinese Gaofen-4 PMS Imagery and the Restored Snow Index (RSI) Method: Case Studies. Remote Sensing, 2018, 10, 1871.	1.8	6
13	Crop Leaf Area Index Retrieval Based on Inverted Difference Vegetation Index and NDVI. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 1662-1666.	1.4	32
14	Winter Wheat Production Estimation Based on Environmental Stress Factors from Satellite Observations. Remote Sensing, 2018, 10, 962.	1.8	15
15	Endmember extraction from hyperspectral image based on discrete firefly algorithm (EE-DFA). ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 126, 108-119.	4.9	18
16	Surface Water Extraction From Landsat 8 OLI Imagery Using the LBV Transformation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 4417-4429.	2.3	16
17	A modified method to prevent false minimums occurring in iterative spectrally smooth temperature emissivity separation. , 2017, , .		0
18	The estimation and validation of fractional vegetation cover based on GaoFen-4 satellite imagery. , 2017, , .		1

#	Article	IF	Citations
19	A novel LAI retrieval method based on the combination of 2 vegetation indexes. , 2017, , .		1
20	Simultaneous retrieval of leaf area index and fractional canopy cover using SAIL model and PSO algorithm. , 2017, , .		1
21	Emissivity image simulation for thermal infrared bands on Gaofen-5 using airborne hyperspectral data. , 2017, , .		1