Hanyu Shi

List of Publications by Year
in descending order

21	349	1163117 8	888059 17
papers	citations	h-index	g-index

22	22	22	501
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Opticalâ€“Thermal Surfaceâ€“Atmosphere Radiative Transfer Model Coupling Framework With Topographic Effects. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	2
2	SIFT: Modeling Solar-Induced Chlorophyll Fluorescence Over Sloping Terrain. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	2
3	Exploring Topographic Effects on Surface Parameters Over Rugged Terrains at Various Spatial Scales. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	3
4	A Canopy Radiative Transfer Model Considering Leaf Dorsoventrality. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	1
5	The 4SAILT Model: An Improved 4SAIL Canopy Radiative Transfer Model for Sloping Terrain. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5515-5525.	6.3	6
6	Diagnosing the Temperature Sensitivity of Ecosystem Respiration in Northern Highâ€Latitude Regions. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG005998.	3.0	3
7	An Optimization Approach for Estimating Multiple Land Surface and Atmospheric Variables From the Geostationary Advanced Himawari Imager Top-of-Atmosphere Observations. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2888-2908.	6.3	16
8	Multiparameter Estimation From Landsat Observations With Topographic Consideration. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 7353-7369.	6.3	1
9	Consistent retrieval of multiple parameters from GOES-R top of atmosphere reflectance data. International Journal of Remote Sensing, 2020, 41, 7931-7957.	2.9	4
10	Solarâ€induced chlorophyll fluorescence and shortâ€term photosynthetic response to drought. Ecological Applications, 2020, 30, e02101.	3.8	80
11	A Data Assimilation Method for Simultaneously Estimating the Multiscale Leaf Area Index From Time-Series Multi-Resolution Satellite Observations. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9344-9361.	6.3	6
12	Exploration of Machine Learning Techniques in Emulating a Coupled Soilâ€“Canopyâ€“Atmosphere Radiative Transfer Model for Multi-Parameter Estimation From Satellite Observations. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8522-8533.	6.3	8
13	A Method for Estimating Leaf Area Index From Landsat Data Based On Dart Model And Gaussian Process. , 2019, , .		0
14	A Method for Multi-Parameter Consistent Estimation from Goes-R Top of Atmosphere Reflectance Data. , 2019, , .		0
15	Updates of the 6S Radiative Transfer Model: A Case Study of 6S+Prosail. , 2019, , .		1
16	Evaluation of MODIS and two reanalysis aerosol optical depth products over AERONET sites. Atmospheric Research, 2019, 220, 75-80.	4.1	64
17	FluoSpec 2â€”An Automated Field Spectroscopy System to Monitor Canopy Solar-Induced Fluorescence. Sensors, 2018, 18, 2063.	3.8	67
18	Simultaneous inversion of multiple land surface parameters from MODIS opticalâ€“thermal observations. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 128, 240-254.	11.1	24

#	Article	IF	Citations
19	A Method for Consistent Estimation of Multiple Land Surface Parameters From MODIS Top-of-Atmosphere Time Series Data. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 5158-5173.	6.3	25
20	A data assimilation approach for simultaneously estimating a suite of land surface variables from satellite data. , 2017, , .		0
21	Consistent estimation of multiple parameters from MODIS top of atmosphere reflectance data using a coupled soil-canopy-atmosphere radiative transfer model. Remote Sensing of Environment, 2016, 184, 40-57.	11.0	36