

# Jia Tian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1804855/publications.pdf>

Version: 2024-02-01

13  
papers

269  
citations

1478505

6  
h-index

1474206

9  
g-index

13  
all docs

13  
docs citations

13  
times ranked

315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between surface soil water content, evaporation rate, and water absorption band depths in SWIR reflectance spectra. Remote Sensing of Environment, 2015, 169, 280-289.	11.0	87
2	Development of soil moisture indices from differences in water absorption between shortwave-infrared bands. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 154, 216-230.	11.1	71
3	MARMIT: A multilayer radiative transfer model of soil reflectance to estimate surface soil moisture content in the solar domain (400–2500 nm). Remote Sensing of Environment, 2018, 217, 1-17.	11.0	64
4	Soil moisture content estimate with drying process segmentation using shortwave infrared bands. Remote Sensing of Environment, 2021, 263, 112552.	11.0	11
5	A novel spectral index for estimating fractional cover of non-photosynthetic vegetation using near-infrared bands of Sentinel satellite. International Journal of Applied Earth Observation and Geoinformation, 2021, 101, 102361.	2.8	9
6	Spectral Transmittance of a Translucent Sand Sample With Directional Illumination. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4307-4317.	6.3	8
7	The Hyperspectral Soil Line: a preliminary description. , 2016, , .		5
8	Soil directional (biconical) reflectance in the principal plane with varied illumination angle under dry and saturated conditions. Optics Express, 2018, 26, 23883.	3.4	4
9	Mapping tree species in natural and planted forests using Sentinel-2 images. Remote Sensing Letters, 2022, 13, 544-555.	1.4	4
10	Spectral reflectance features with varied soil properties during drying process. , 2016, , .		3
11	Relating water absorption features to soil moisture characteristics. Proceedings of SPIE, 2015, , .	0.8	2
12	Soil directional (biconical) reflectance in the principal plane with varied illumination angle under dry and saturated conditions. , 2018, , .		1
13	Spectral reflectance of drying soil. , 2014, , .		0