

# Chuan Xiong

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Time Series X- and Ku-Band Ground-Based Synthetic Aperture Radar Observation of Snow-Covered Soil and Its Electromagnetic Modeling. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	3
2	Contrasting Lake Ice Phenology Changes in the Qinghai-Tibet Plateau Revealed by Remote Sensing. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 2132-2136.	3.1	4
3	Tracking the Atmospheric-Terrestrial Water Cycle over the Tibetan Plateau Based on ERA5 and GRACE. Journal of Climate, 2021, 34, 6459-6471.	3.2	8
4	Validation of the SNTherm Model Applied for Snow Depth, Grain Size, and Brightness Temperature Simulation at Meteorological Stations in China. Remote Sensing, 2020, 12, 507.	4.0	10
5	High-Resolution Reconstruction of the Maximum Snow Water Equivalent Based on Remote Sensing Data in a Mountainous Area. Remote Sensing, 2020, 12, 460.	4.0	6
6	Soil moisture experiment in the Luan River supporting new satellite mission opportunities. Remote Sensing of Environment, 2020, 240, 111680.	11.0	120
7	Recovering Land Surface Temperature Under Cloudy Skies Considering the Solar-Cloud-Satellite Geometry: Application to MODIS and Landsat-8 Data. Journal of Geophysical Research D: Atmospheres, 2019, 124, 3401-3416.	3.3	41
8	Snow specific surface area remote sensing retrieval using a microstructure based reflectance model. Remote Sensing of Environment, 2018, 204, 838-849.	11.0	10
9	Model Investigation of Time-Series Ground Based Sar and Microwave Radiometer Experimental Data of Snow-Covered Soil. , 2018, , .		1
10	Analysis of Microwave Emission and Related Indices Over Snow using Experimental Data and a Multilayer Electromagnetic Model. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 2097-2110.	6.3	7
11	The Potential for Estimating Snow Depth With QuikScat Data and a Snow Physical Model. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1156-1160.	3.1	10
12	Snowmelt Pattern Over High-Mountain Asia Detected From Active and Passive Microwave Remote Sensing. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1096-1100.	3.1	14
13	Effect of Solar-Cloud-Satellite Geometry on Land Surface Shortwave Radiation Derived from Remotely Sensed Data. Remote Sensing, 2017, 9, 690.	4.0	20