

# Wei Wan

## List of Publications by Year in descending order

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32  
papers

1,061  
citations

471509

17  
h-index

414414

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g-index

34  
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docs citations

34  
times ranked

1303  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Two-Step Method to Calibrate CYGNSS-Derived Land Surface Reflectivity for Accurate Soil Moisture Estimations. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	7
2	Initial Evaluation of the First Chinese GNSS-R Mission BuFeng-1 A/B for Soil Moisture Estimation. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	9
3	A Physics-Based Algorithm to Couple CYGNSS Surface Reflectivity and SMAP Brightness Temperature Estimates for Accurate Soil Moisture Retrieval. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	6
4	Soil Moisture Retrieval Using BuFeng-1 A/B Based on Land Surface Clustering Algorithm. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4680-4689.	4.9	4
5	Can the Accuracy of Sea Surface Salinity Measurement be Improved by Incorporating Spaceborne GNSS-Reflectometry?. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 3-7.	3.1	11
6	A new method for assessing satellite-based hydrological data products using water budget closure. Journal of Hydrology, 2021, 594, 125927.	5.4	17
7	A remote sensing-based area dataset for approximately 40 years that reveals the hydrological asynchrony of Lake Chad based on Google Earth Engine. Journal of Hydrology, 2021, 603, 126934.	5.4	13
8	Recognizing Global Dams From High-Resolution Remotely Sensed Images Using Convolutional Neural Networks. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 6363-6371.	4.9	4
9	First Assessment of CyGNSS-Incorporated SMAP Sea Surface Salinity Retrieval Over Pan-Tropical Ocean. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 12163-12173.	4.9	5
10	Comprehensive Evaluation of Using TechDemoSat-1 and CYGNSS Data to Estimate Soil Moisture over Mainland China. Remote Sensing, 2020, 12, 1699.	4.0	32
11	Changes of water clarity in large lakes and reservoirs across China observed from long-term MODIS. Remote Sensing of Environment, 2020, 247, 111949.	11.0	100
12	A New Digital Lake Bathymetry Model Using the Step-Wise Water Recession Method to Generate 3D Lake Bathymetric Maps Based on DEMs. Water (Switzerland), 2019, 11, 1151.	2.7	18
13	Recognizing Global Reservoirs From Landsat 8 Images: A Deep Learning Approach. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3168-3177.	4.9	54
14	Spaceborne GNSS-R Observation of Global Lake Level: First Results from the TechDemoSat-1 Mission. Remote Sensing, 2019, 11, 1438.	4.0	9
15	Land surface characterization using BeiDou signal-to-noise ratio observations. GPS Solutions, 2019, 23, 1.	4.3	18
16	Using CYGNSS Data to Monitor China's Flood Inundation during Typhoon and Extreme Precipitation Events in 2017. Remote Sensing, 2019, 11, 854.	4.0	49
17	A long-term dataset of lake surface water temperature over the Tibetan Plateau derived from AVHRR 1981-2015. Scientific Data, 2019, 6, 48.	5.3	26
18	Corrections to "Recognizing Global Reservoirs From Landsat 8 Images: A Deep Learning Approach" [Sep 19 3168-3177]. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3701-3701.	4.9	1

#	ARTICLE	IF	CITATIONS
19	Spatio-temporal variability of Antarctic sea-ice thickness and volume obtained from ICESat data using an innovative algorithm. <i>Remote Sensing of Environment</i> , 2018, 219, 44-61.	11.0	20
20	An Efficient and Effective Approach for Georeferencing AVHRR and GaoFen-1 Imageries Using Inland Water Bodies. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 2491-2500.	4.9	11
21	Lake Surface Water Temperature Change Over the Tibetan Plateau From 2001 to 2015: A Sensitive Indicator of the Warming Climate. <i>Geophysical Research Letters</i> , 2018, 45, 11,177.	4.0	46
22	Similarities and differences between three coexisting spaceborne radars in global rainfall and snowfall estimation. <i>Water Resources Research</i> , 2017, 53, 3835-3853.	4.2	42
23	Using BDS SNR Observations to Measure Near-Surface Soil Moisture Fluctuations: Results From Low Vegetated Surface. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017, 14, 1308-1312.	3.1	25
24	A comprehensive data set of lake surface water temperature over the Tibetan Plateau derived from MODIS LST products 2001–2015. <i>Scientific Data</i> , 2017, 4, 170095.	5.3	71
25	Similarity and Error Intercomparison of the GPM and Its Predecessor-TRMM Multisatellite Precipitation Analysis Using the Best Available Hourly Gauge Network over the Tibetan Plateau. <i>Remote Sensing</i> , 2016, 8, 569.	4.0	129
26	Using GPS SNR data to estimate Soil Moisture variations: Proposing a new interference model. , 2016, , .		4
27	A lake data set for the Tibetan Plateau from the 1960s, 2005, and 2014. <i>Scientific Data</i> , 2016, 3, 160039.	5.3	100
28	Extracting urban areas in China using DMSP/OLS nighttime light data integrated with biophysical composition information. <i>Journal of Chinese Geography</i> , 2016, 26, 325-338.	3.9	15
29	Estimating soil moisture content using GNSS-R technique based on statistics. , 2015, , .		3
30	Initial results of China's GNSS-R airborne campaign: soil moisture retrievals. <i>Science Bulletin</i> , 2015, 60, 964-971.	9.0	10
31	Monitoring lake changes of Qinghai-Tibetan Plateau over the past 30 years using satellite remote sensing data. <i>Science Bulletin</i> , 2014, 59, 1021-1035.	1.7	102
32	A Mathematical Model of Heat Transfer in a Rotary Kiln Thermo-Reactor. <i>Chemical Engineering and Technology</i> , 2005, 28, 1480-1489.	1.5	82