Siyu Zhu

List of Publications by Year
in descending order

16 papers	349 citations	1039406 9 h-index	940134 16 g-index
18 all docs	18 docs citations	18 times ranked	314 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.	1.4	7
2	A Morphology-Based Adaptively Spatio-Temporal Merging Algorithm for Optimally Combining Multisource Gridded Precipitation Products With Various Resolutions. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-21.	2.7	5
3	AERA5-Asia: A Long-Term Asian Precipitation Dataset (0.1°, 1-hourly, 1951–2015, Asia) Anchoring the ERA5-Land under the Total Volume Control by APHRODITE. Bulletin of the American Meteorological Society, 2022, 103, E1146-E1171.	1.7	36
4	Does AGRI of FY4A Have the Ability to Capture the Motions of Precipitation?. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	1
5	FY4QPE-MSA: An All-Day Near-Real-Time Quantitative Precipitation Estimation Framework Based on Multispectral Analysis From AGRI Onboard Chinese FY-4 Series Satellites. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	7
6	A New Perspective for Charactering the Spatio–temporal Patterns of the Error in GPM IMERG Over Mainland China. Earth and Space Science, 2021, 8, .	1.1	25
7	Calibrating GPM IMERG Late-Run product using ground-based CPC daily precipitation data: a case study in the Beijing-Tianjin-Hebei urban agglomeration. Remote Sensing Letters, 2021, 12, 848-858.	0.6	8
8	Ground Validation and Error Sources Identification for GPM IMERG Product over the Southeast Coastal Regions of China. Remote Sensing, 2020, 12, 4154.	1.8	35
9	AIMERG: a new Asian precipitation dataset (0.1°/half-hourly, 2000–2015) by calibrating the GPM-era IMERG at a daily scale using APHRODITE. Earth System Science Data, 2020, 12, 1525-1544.	3.7	75
10	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.	1.2	18
11	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.	2.3	54
12	Spaceborne GNSS-R Observation of Global Lake Level: First Results from the TechDemoSat-1 Mission. Remote Sensing, 2019, 11, 1438.	1.8	9
13	Assessment of Water Storage Change in China's Lakes and Reservoirs over the Last Three Decades. Remote Sensing, 2019, 11, 1467.	1.8	28
14	A long-term dataset of lake surface water temperature over the Tibetan Plateau derived from AVHRR 1981–2015. Scientific Data, 2019, 6, 48.	2.4	26
15	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.	2.3	1
16	An Efficient and Effective Approach for Georeferencing AVHRR and GaoFen-1 Imageries Using Inland Water Bodies. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 2491-2500.	2.3	11