Liyun Dai

List of Publications by Year
in descending order

18 papers	794 citations	687363 13 h-index	839539 18 g-index
25 all docs	25 docs citations	25 times ranked	803 citing authors

#	Article	IF	Citations
1	Improving the Snow Volume Scattering Algorithm in a Microwave Forward Model by Using Ground-Based Remote Sensing Snow Observations. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	7
2	Evaluation of SMAP, SMOS, and AMSR2 Soil Moisture Products Based on Distributed Ground Observation Network in Cold and Arid Regions of China. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 8955-8970.	4.9	14
3	Evaluation of Remote Sensing and Reanalysis Snow Depth Datasets over the Northern Hemisphere during 1980â€“2016. Remote Sensing, 2020, 12, 3253.	4.0	16
4	Ice Production in Ross Ice Shelf Polynyas during 2017â€“2018 from Sentinelâ€“1 SAR Images. Remote Sensing, 2020, 12, 1484.	4.0	15
5	Suitability analysis of ski areas in China: an integrated study based on natural and socioeconomic conditions. Cryosphere, 2019, 13, 2149-2167.	3.9	19
6	The Consistency of SSM/I vs. SSMIS and the Influence on Snow Cover Detection and Snow Depth Estimation over China. Remote Sensing, 2019, 11, 1879.	4.0	9
7	Improved understanding of snowmelt runoff from the headwaters of China's Yangtze River using remotely sensed snow products and hydrological modeling. Remote Sensing of Environment, 2019, 224, 44-59.	11.0	110
8	Estimation of Snow Depth over the Qinghai-Tibetan Plateau Based on AMSR-E and MODIS Data. Remote Sensing, 2018, 10, 1989.	4.0	38
9	No Consistent Evidence for Advancing or Delaying Trends in Spring Phenology on the Tibetan Plateau. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 3288-3305.	3.0	47
10	Evaluation of snow cover and snow depth on the Qinghaiâ€“Tibetan Plateau derived from passive microwave remote sensing. Cryosphere, 2017, 11, 1933-1948.	3.9	106
11	Spatial and temporal variability of snow depth derived from passive microwave remote sensing data in Kazakhstan. Journal of Meteorological Research, 2016, 30, 1033-1043.	2.4	5
12	Estimation of snow depth from passive microwave brightness temperature data in forest regions of northeast China. Remote Sensing of Environment, 2016, 183, 334-349.	11.0	92
13	Inter-Calibrating SMMR, SSM/I and SSMI/S Data to Improve the Consistency of Snow-Depth Products in China. Remote Sensing, 2015, 7, 7212-7230.	4.0	111
14	Remote sensing for snow hydrology in China: challenges and perspectives. Journal of Applied Remote Sensing, 2014, 8, 084687.	1.3	20
15	Spatiotemporal variability in snow cover from 1987 to 2011 in northern China. Journal of Applied Remote Sensing, 2014, 8, 084693.	1.3	19
16	Estimation of snow depth and snow water equivalent distribution using airborne microwave radiometry in the Binggou Watershed, the upper reaches of the Heihe River basin. International Journal of Applied Earth Observation and Geoinformation, 2012, 17, 23-32.	2.8	19
17	Snow depth and snow water equivalent estimation from AMSR-E data based on a priori snow characteristics in Xinjiang, China. Remote Sensing of Environment, 2012, 127, 14-29.	11.0	130
18	Cross-platform calibration of SMMR, SSM/I and AMSR-E passive microwave brightness temperature. Proceedings of SPIE, 2009, , .	0.8	13