

# Liyun Dai

## List of Publications by Year in descending order

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18  
papers

794  
citations

687363

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h-index

839539

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25  
docs citations

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times ranked

803  
citing authors

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