Lizhen

List of Publications by Year in descending order

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43	873	567281	477307
papers	citations	15 h-index	29 g-index

43	43	43	1190
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global Sensitivity Analysis of the MEMLS Model for Retrieving Snow Water Equivalent. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	4
2	Seasonal snow cover classification based on SAR imagery and topographic data. Remote Sensing Letters, 2022, 13, 269-278.	1.4	3
3	Daily snow water equivalent product with SMMR, SSM/I and SSMIS from 1980 to 2020 over China. Big Earth Data, 2022, 6, 420-434.	4.4	12
4	Wet snow detection using dual-polarized Sentinel-1 SAR time series data considering different land categories. Geocarto International, 2022, 37, 10907-10924.	3.5	4
5	Spatio-temporal analysis of the melt onset dates over Arctic sea ice from 1979 to 2017. Acta Oceanologica Sinica, 2022, 41, 146-156.	1.0	0
6	Uncertainty Characterization of Groundâ€Based, Satellite, and Reanalysis Snow Depth Products Using Extended Triple Collocation. Water Resources Research, 2022, 58, .	4.2	6
7	Comparison of Different Intercalibration Methods of Brightness Temperatures From FY-3D and AMSR2. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	4
8	An automatic method for clean glacier and nonseasonal snow area change estimation in High Mountain Asia from 1990 to 2018. Remote Sensing of Environment, 2021, 258, 112376.	11.0	19
9	A Micro-UAV-Radar System for Vegetation Height Inversion: a Feasibility Study. , 2021, , .		0
10	A Method for Mapping Snowmelt Extent with Multitemporal Radar Data. , 2021, , .		0
11	A New Geostationary Satellite-Based Snow Cover Recognition Method for FY-4A AGRI. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 11372-11385.	4.9	5
12	Comparison of HY-2B Passive Brightness Temperatures with SSMI/S, GMI, AMSR2 and MWRI in Land Surface. IOP Conference Series: Earth and Environmental Science, 2020, 502, 012007.	0.3	4
13	Spatial and Temporal Variations of Arctic Sea Ice From 2002 to 2017. Earth and Space Science, 2020, 7, e2020EA001278.	2.6	8
14	An Assessment and Error Analysis of MOD10A1 Snow Product Using Landsat and Ground Observations Over China During 2000â€“2016. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 1467-1478.	4.9	10
15	Consistent Comparison of Remotely Sensed Sea Ice Concentration Products with ERA-Interim Reanalysis Data in Polar Regions. Remote Sensing, 2020, 12, 2880.	4.0	1
16	Characterizing the surge behavior of Alakesayi Glacier in the West Kunlun Shan, Northwestern Tibetan Plateau, from remote-sensing data between 2013 and 2018. Journal of Glaciology, 2019, 65, 168-172.	2.2	12
17	Improved Maximum Likelihood Estimation for Optimal Phase History Retrieval of Distributed Scatterers in InSAR Stacks. IEEE Access, 2019, 7, 186319-186327.	4.2	5
18	Inter-Sensor Calibration between HY-2B and AMSR2 Passive Microwave Data in Land Surface and First Result for Snow Water Equivalent Retrieval. Sensors, 2019, 19, 5023.	3.8	7

#	Article	IF	Citations
19	A Ground Surface Deformation Monitoring InSAR Method Using Improved Distributed Scatterers Phase Estimation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 4543-4553.	4.9	17
20	Parameter Optimization of a Discrete Scattering Model by Integration of Global Sensitivity Analysis Using SMAP Active and Passive Observations. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1084-1099.	6.3	22
21	Soil Moisture Retrieval From SMAP: A Validation and Error Analysis Study Using Ground-Based Observations Over the Little Washita Watershed. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1394-1408.	6.3	52
22	A Preliminary Evaluation of the GaoFen-3 SAR Radiation Characteristics in Land Surface and Compared With Radarsat-2 and Sentinel-1A. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 1040-1044.	3.1	13
23	Extraction of Glacial Lake Outlines in Tibet Plateau Using Landsat 8 Imagery and Google Earth Engine. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 4002-4009.	4.9	80
24	Estimation of supraglacial debris thickness using a novel target decomposition on Lâ€band polarimetric SAR images in the Tianshan Mountains. Journal of Geophysical Research F: Earth Surface, 2017, 122, 925-940.	2.8	11
25	Modelling temporal variations in microwave backscattering from reed marshes. International Journal of Remote Sensing, 2017, 38, 6930-6944.	2.9	3
26	Quantification of Temporal Decorrelation in X-, C-, and L-Band Interferometry for the Permafrost Region of the Qinghaiâ€“Tibet Plateau. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 2285-2289.	3.1	12
27	Use of Intensity and Coherence of X-Band SAR Data to Map Thermokarst Lakes on the Northern Tibetan Plateau. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3164-3176.	4.9	7
28	The backscattering characteristics of wetland vegetation and water-level changes detection using multi-mode SAR: A case study. International Journal of Applied Earth Observation and Geoinformation, 2016, 45, 1-13.	2.8	39
29	Permafrost environment monitoring on the Qinghai-Tibet Plateau using time series ASAR images. International Journal of Digital Earth, 2015, 8, 840-860.	3.9	22
30	A level set method for segmentation of high-resolution polarimetric SAR images using a heterogeneous clutter model. Remote Sensing Letters, 2015, 6, 548-557.	1.4	3
31	Evaluation of remotely sensed and reanalysis soil moisture products over the Tibetan Plateau using in-situ observations. Remote Sensing of Environment, 2015, 163, 91-110.	11.0	287
32	A method for monitoring hydrological conditions beneath herbaceous wetlands using multi-temporal ALOS PALSAR coherence data. Remote Sensing Letters, 2015, 6, 618-627.	1.4	15
33	Method for Soil Moisture and Surface Temperature Estimation in the Tibetan Plateau Using Spaceborne Radiometer Observations. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 97-101.	3.1	52
34	Recognition of supraglacial debris in the Tianshan Mountains on polarimetric SAR images. Remote Sensing of Environment, 2014, 145, 47-54.	11.0	18
35	The measurement and model construction of complex permittivity of vegetation. Science China Earth Sciences, 2014, 57, 729-740.	5.2	19
36	Land Cover Classification of Quad-Polarimetric RADARSAT-2 SAR Image Based on Modified Subspace Method. Canadian Journal of Remote Sensing, 2014, 40, 271-277.	2.4	0

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37	A simplified physically-based algorithm for surface soil moisture retrieval using AMSR-E data. Frontiers of Earth Science, 2014, 8, 427-438.	2.1	16
38	Polarimetric analysis of multi-temporal RADARSAT-2 SAR images for wheat monitoring and mapping. International Journal of Remote Sensing, 2014, 35, 3840-3858.	2.9	25
39	Hemispheric-scale comparison of monthly passive microwave snow water equivalent products. Journal of Applied Remote Sensing, 2014, 8, 084688.	1.3	9
40	Orientation of Spaceborne SAR Stereo Pairs Employing the RPC Adjustment Model. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 2782-2792.	6.3	29
41	Application of RPC model for InSAR phase evaluation. , 2011, , .		0
42	RPC-based adjustment model for COSMO-SkyMed stereo slant/ground-range images. , 2010, , .		2
43	Dynamic analysis of the Wenchuan Earthquake disaster and reconstruction with 3-year remote sensing data. International Journal of Digital Earth, 2010, 3, 355-364.	3.9	16