

# Lizhen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8852103/publications.pdf>

Version: 2024-02-01

43  
papers

873  
citations

567281

15  
h-index

477307

29  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of remotely sensed and reanalysis soil moisture products over the Tibetan Plateau using in-situ observations. <i>Remote Sensing of Environment</i> , 2015, 163, 91-110.	11.0	287
2	Extraction of Glacial Lake Outlines in Tibet Plateau Using Landsat 8 Imagery and Google Earth Engine. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 4002-4009.	4.9	80
3	Method for Soil Moisture and Surface Temperature Estimation in the Tibetan Plateau Using Spaceborne Radiometer Observations. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 97-101.	3.1	52
4	Soil Moisture Retrieval From SMAP: A Validation and Error Analysis Study Using Ground-Based Observations Over the Little Washita Watershed. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 1394-1408.	6.3	52
5	The backscattering characteristics of wetland vegetation and water-level changes detection using multi-mode SAR: A case study. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 45, 1-13.	2.8	39
6	Orientation of Spaceborne SAR Stereo Pairs Employing the RPC Adjustment Model. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2011, 49, 2782-2792.	6.3	29
7	Polarimetric analysis of multi-temporal RADARSAT-2 SAR images for wheat monitoring and mapping. <i>International Journal of Remote Sensing</i> , 2014, 35, 3840-3858.	2.9	25
8	Permafrost environment monitoring on the Qinghai-Tibet Plateau using time series ASAR images. <i>International Journal of Digital Earth</i> , 2015, 8, 840-860.	3.9	22
9	Parameter Optimization of a Discrete Scattering Model by Integration of Global Sensitivity Analysis Using SMAP Active and Passive Observations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 1084-1099.	6.3	22
10	The measurement and model construction of complex permittivity of vegetation. <i>Science China Earth Sciences</i> , 2014, 57, 729-740.	5.2	19
11	An automatic method for clean glacier and nonseasonal snow area change estimation in High Mountain Asia from 1990 to 2018. <i>Remote Sensing of Environment</i> , 2021, 258, 112376.	11.0	19
12	Recognition of supraglacial debris in the Tianshan Mountains on polarimetric SAR images. <i>Remote Sensing of Environment</i> , 2014, 145, 47-54.	11.0	18
13	A Ground Surface Deformation Monitoring InSAR Method Using Improved Distributed Scatterers Phase Estimation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 4543-4553.	4.9	17
14	Dynamic analysis of the Wenchuan Earthquake disaster and reconstruction with 3-year remote sensing data. <i>International Journal of Digital Earth</i> , 2010, 3, 355-364.	3.9	16
15	A simplified physically-based algorithm for surface soil moisture retrieval using AMSR-E data. <i>Frontiers of Earth Science</i> , 2014, 8, 427-438.	2.1	16
16	A method for monitoring hydrological conditions beneath herbaceous wetlands using multi-temporal ALOS PALSAR coherence data. <i>Remote Sensing Letters</i> , 2015, 6, 618-627.	1.4	15
17	A Preliminary Evaluation of the GaoFen-3 SAR Radiation Characteristics in Land Surface and Compared With Radarsat-2 and Sentinel-1A. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2018, 15, 1040-1044.	3.1	13
18	Quantification of Temporal Decorrelation in X-, C-, and L-Band Interferometry for the Permafrost Region of the Qinghai-Tibet Plateau. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017, 14, 2285-2289.	3.1	12

#	ARTICLE	IF	CITATIONS
19	Characterizing the surge behavior of Alakesayi Glacier in the West Kunlun Shan, Northwestern Tibetan Plateau, from remote-sensing data between 2013 and 2018. <i>Journal of Glaciology</i> , 2019, 65, 168-172.	2.2	12
20	Daily snow water equivalent product with SMMR, SSM/I and SSMIS from 1980 to 2020 over China. <i>Big Earth Data</i> , 2022, 6, 420-434.	4.4	12
21	Estimation of supraglacial debris thickness using a novel target decomposition on L-band polarimetric SAR images in the Tianshan Mountains. <i>Journal of Geophysical Research F: Earth Surface</i> , 2017, 122, 925-940.	2.8	11
22	An Assessment and Error Analysis of MOD10A1 Snow Product Using Landsat and Ground Observations Over China During 2000–2016. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 1467-1478.	4.9	10
23	Hemispheric-scale comparison of monthly passive microwave snow water equivalent products. <i>Journal of Applied Remote Sensing</i> , 2014, 8, 084688.	1.3	9
24	Spatial and Temporal Variations of Arctic Sea Ice From 2002 to 2017. <i>Earth and Space Science</i> , 2020, 7, e2020EA001278.	2.6	8
25	Use of Intensity and Coherence of X-Band SAR Data to Map Thermokarst Lakes on the Northern Tibetan Plateau. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 3164-3176.	4.9	7
26	Inter-Sensor Calibration between HY-2B and AMSR2 Passive Microwave Data in Land Surface and First Result for Snow Water Equivalent Retrieval. <i>Sensors</i> , 2019, 19, 5023.	3.8	7
27	Uncertainty Characterization of Ground-Based, Satellite, and Reanalysis Snow Depth Products Using Extended Triple Collocation. <i>Water Resources Research</i> , 2022, 58, .	4.2	6
28	Improved Maximum Likelihood Estimation for Optimal Phase History Retrieval of Distributed Scatterers in InSAR Stacks. <i>IEEE Access</i> , 2019, 7, 186319-186327.	4.2	5
29	A New Geostationary Satellite-Based Snow Cover Recognition Method for FY-4A AGRI. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 11372-11385.	4.9	5
30	Comparison of HY-2B Passive Brightness Temperatures with SSMI/S, GMI, AMSR2 and MWRI in Land Surface. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 502, 012007.	0.3	4
31	Global Sensitivity Analysis of the MEMLS Model for Retrieving Snow Water Equivalent. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-15.	6.3	4
32	Wet snow detection using dual-polarized Sentinel-1 SAR time series data considering different land categories. <i>Geocarto International</i> , 2022, 37, 10907-10924.	3.5	4
33	Comparison of Different Intercalibration Methods of Brightness Temperatures From FY-3D and AMSR2. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-17.	6.3	4
34	A level set method for segmentation of high-resolution polarimetric SAR images using a heterogeneous clutter model. <i>Remote Sensing Letters</i> , 2015, 6, 548-557.	1.4	3
35	Modelling temporal variations in microwave backscattering from reed marshes. <i>International Journal of Remote Sensing</i> , 2017, 38, 6930-6944.	2.9	3
36	Seasonal snow cover classification based on SAR imagery and topographic data. <i>Remote Sensing Letters</i> , 2022, 13, 269-278.	1.4	3

#	ARTICLE	IF	CITATIONS
37	RPC-based adjustment model for COSMO-SkyMed stereo slant/ground-range images. , 2010, , .		2
38	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
39	Application of RPC model for InSAR phase evaluation. , 2011, , .		0
40	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
41	A Micro-UAV-Radar System for Vegetation Height Inversion: a Feasibility Study. , 2021, , .		0
42	A Method for Mapping Snowmelt Extent with Multitemporal Radar Data. , 2021, , .		0
43	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