Xueliang Zhang

List of Publications by Year
in descending order

33 papers	1,980 citations	567281 15 h-index	414414 32 g-index
35 all docs	35 docs citations	35 times ranked	2447 citing authors

#	Article	IF	Citations
1	Evaluating Snow Bidirectional Reflectance of Models Using Multiangle Remote Sensing Data and Field Measurements. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
2	Elevation€dependent response of snow phenology to climate change from a remote sensing perspective: A case survey in the central Tianshan mountains from 2000 to 2019. International Journal of Climatology, 2022, 42, 1706-1722.	3.5	6
3	Evaluating the different responses to climatic factors between snow water equivalent and snow cover area in the Central Tianshan Mountains. Theoretical and Applied Climatology, 2022, 148, 1563-1576.	2.8	2
4	How do snow cover fraction change and respond to climate in Altai Mountains of China?. International Journal of Climatology, 2022, 42, 7213-7227.	3.5	5
5	Index Your Position: A Novel Self-Supervised Learning Method for Remote Sensing Images Semantic Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	20
6	Which CAM is Better for Extracting Geographic Objects? A Perspective From Principles and Experiments. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 5623-5635.	4.9	4
7	Integrating Gate and Attention Modules for High-Resolution Image Semantic Segmentation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 4530-4546.	4.9	14
8	On the Effectiveness of Weakly Supervised Semantic Segmentation for Building Extraction From High-Resolution Remote Sensing Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 3266-3281.	4.9	42
9	Updating land cover map based on change detection of high-resolution remote sensing images. Journal of Applied Remote Sensing, 2021, 15, .	1.3	4
10	Multitemporal ensemble learning for snow cover extraction from high-spatial-resolution images in mountain areas. International Journal of Remote Sensing, 2020, 41, 1668-1691.	2.9	5
11	Object-specific optimization of hierarchical multiscale segmentations for high-spatial resolution remote sensing images. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 159, 308-321.	11.1	20
12	Retrieving snow wetness based on surface and volume scattering simulation. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 169, 17-28.	11.1	8
13	An Integrated Modelling Approach for Flood Simulation in the Urbanized Qinhuai River Basin, China. Water Resources Management, 2020, 34, 3967-3984.	3.9	1
14	Estimation of chlorophyll content in mountain steppe using in situ hyperspectral measurements. Spectroscopy Letters, 2020, , 1-12.	1.0	3
15	Another look on region merging procedure from seed region shift for high-resolution remote sensing image segmentation. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 148, 197-207.	11.1	11
16	Deep learning in remote sensing applications: A meta-analysis and review. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 152, 166-177.	11.1	1,243
17	The vertical influence of temperature and precipitation on snow cover variability in the Central Tianshan Mountains, Northwest China. Hydrological Processes, 2019, 33, 1686-1697.	2.6	19
18	Snow Grain-Size Estimation Over Mountainous Areas From MODIS Imagery. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 97-101.	3.1	8

#	Article	IF	Citations
19	Detecting Snowfall Events over Mountainous Areas Using Optical Imagery. Water (Switzerland), 2018, 10, 1514.	2.7	2
20	Multiscale Optimized Segmentation of Urban Green Cover in High Resolution Remote Sensing Image. Remote Sensing, 2018, 10, 1813.	4.0	14
21	Cosegmentation for Object-Based Building Change Detection From High-Resolution Remotely Sensed Images. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1587-1603.	6.3	56
22	Separate segmentation of multi-temporal high-resolution remote sensing images for object-based change detection in urban area. Remote Sensing of Environment, 2017, 201, 243-255.	11.0	63
23	Toward combining thematic information with hierarchical multiscale segmentations using tree Markov random field model. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 131, 134-146.	11.1	8
24	A comparison of separate segmentation strategies to reveal geometric changes of buildings in urban area. , 2017, , .		0
25	Segmentation quality evaluation using region-based precision and recall measures for remote sensing images. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 102, 73-84.	11.1	112
26	Extracting Snow Cover in Mountain Areas Based on SAR and Optical Data. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1136-1140.	3.1	11
27	Spectral Similarity Measure Using Frequency Spectrum for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 130-134.	3.1	24
28	Detecting China's Urban Expansion Over the Past Three Decades Using Nighttime Light Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4095-4106.	4.9	83
29	Hybrid region merging method for segmentation of high-resolution remote sensing images. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 98, 19-28.	11.1	61
30	Uncertainty analysis of cross-calibration for HJ-1 CCD camera. Science China Technological Sciences, 2013, 56, 713-723.	4.0	17
31	Boundary-constrained multi-scale segmentation method for remote sensing images. ISPRS Journal of Photogrammetry and Remote Sensing, 2013, 78, 15-25.	11.1	53
32	Impervious surface extraction from high-resolution satellite image using pixel- and object-based hybrid analysis. International Journal of Remote Sensing, 2013, 34, 4449-4465.	2.9	15
33	An Unsupervised Evaluation Method for Remotely Sensed Imagery Segmentation. IEEE Geoscience and Remote Sensing Letters, 2012, 9, 156-160.	3.1	43