Penglin Zhang

List of Publications by Year
in descending order

38 papers	767 citations	516710 16 h-index	526287 27 g-index
40 all docs	40 docs citations	40 times ranked	631 citing authors

#	ARTICLE	IF	CITATIONS
1	Land Cover Change Detection Techniques: Very-high-resolution optical images: A review. IEEE Geoscience and Remote Sensing Magazine, 2022, 10, 44-63.	9.6	101
2	Object-Based Sorted-Histogram Similarity Measurement for Detecting Land Cover Change With VHR Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	9
3	Local Histogram-Based Analysis for Detecting Land Cover Change Using VHR Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1284-1287.	3.1	24
4	Improved Metric Learning With the CNN for Very-High-Resolution Remote Sensing Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 631-644.	4.9	7
5	Improving wetland cover classification using artificial neural networks with ensemble techniques. GIScience and Remote Sensing, 2021, 58, 603-623.	5.9	29
6	Unsupervised GRNN flood mapping approach combined with uncertainty analysis using bi-temporal Sentinel-2 MSI imageries. International Journal of Digital Earth, 2021, 14, 1561-1581.	3.9	13
7	Exploration of the influence of ambiguity pixels on image classification reliability. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	0
8	Object-Oriented Key Point Vector Distance for Binary Land Cover Change Detection Using VHR Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6524-6533.	6.3	38
9	A Novel Framework of CNN Integrated with Adaboost for Remote Sensing Scene Classification. , 2020, , .		9
10	Novel Adaptive Histogram Trend Similarity Approach for Land Cover Change Detection by Using Bitemporal Very-High-Resolution Remote Sensing Images. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9554-9574.	6.3	63
11	An Uncertainty Descriptor for Quantitative Measurement of the Uncertainty of Remote Sensing Images. Remote Sensing, 2019, 11, 1560.	4.0	9
12	A Modeling and Measurement Approach for the Uncertainty of Features Extracted from Remote Sensing Images. Remote Sensing, 2019, 11, 1841.	4.0	4
13	Novel Land Cover Change Detection Method Based on k-Means Clustering and Adaptive Majority Voting Using Bitemporal Remote Sensing Images. IEEE Access, 2019, 7, 34425-34437.	4.2	79
14	Research on Urban Bearing Capacity of Gas Supply Stations. Sustainability, 2019, 11, 6971.	3.2	4
15	Analysis of Spatial Wharf Pattern of the Yangtze River Delta Urban Agglomeration, China. ISPRS International Journal of Geo-Information, 2019, 8, 541.	2.9	3
16	Automatic Extraction of Built-Up Areas from Very High-Resolution Satellite Imagery Using Patch-Level Spatial Features and Gestalt Laws of Perceptual Grouping. Remote Sensing, 2019, 11, 3022.	4.0	5
17	Uncertainty Assessment in Multitemporal Land Use/Cover Mapping with Classification System Semantic Heterogeneity. Remote Sensing, 2019, 11, 2509.	4.0	8
18	Land Cover Change Detection from High-Resolution Remote Sensing Imagery Using Multitemporal Deep Feature Collaborative Learning and a Semi-supervised Chan–Vese Model. Remote Sensing, 2019, 11, 2787.	4.0	14

#	ARTICLE	IF	CITATIONS
19	Contextual Analysis Based Approach for Detecting Change from High Resolution Satellite Imagery. Journal of the Indian Society of Remote Sensing, 2018, 46, 43-50.	2.4	10
20	Short-Term Solar Irradiance Forecasts Using Sky Images and Radiative Transfer Model. Energies, 2018, 11, 1107.	3.1	29
21	Multi-Scale Object Histogram Distance for LCCD Using Bi-Temporal Very-High-Resolution Remote Sensing Images. Remote Sensing, 2018, 10, 1809.	4.0	16
22	Refining Land Cover Classification Maps Based on Dual-Adaptive Majority Voting Strategy for Very High Resolution Remote Sensing Images. Remote Sensing, 2018, 10, 1238.	4.0	21
23	Post-Processing Approach for Refining Raw Land Cover Change Detection of Very High-Resolution Remote Sensing Images. Remote Sensing, 2018, 10, 472.	4.0	46
24	Land Cover Change Detection Based on Adaptive Contextual Information Using Bi-Temporal Remote Sensing Images. Remote Sensing, 2018, 10, 901.	4.0	20
25	Semi-Automatic System for Land Cover Change Detection Using Bi-Temporal Remote Sensing Images. Remote Sensing, 2017, 9, 1112.	4.0	21
26	A Spatial Analysis Approach for Evaluating the Service Capability of Urban Greenways—A Case Study in Wuhan. ISPRS International Journal of Geo-Information, 2017, 6, 208.	2.9	2
27	A Map Spectrum-Based Spatiotemporal Clustering Method for GDP Variation Pattern Analysis Using Nighttime Light Images of the Wuhan Urban Agglomeration. ISPRS International Journal of Geo-Information, 2017, 6, 160.	2.9	13
28	Automatic Object-Oriented, Spectral-Spatial Feature Extraction Driven by Tobler's First Law of Geography for Very High Resolution Aerial Imagery Classification. Remote Sensing, 2017, 9, 285.	4.0	29
29	Novel Object-Based Filter for Improving Land-Cover Classification of Aerial Imagery with Very High Spatial Resolution. Remote Sensing, 2016, 8, 1023.	4.0	15
30	Morphological Profiles Based on Differently Shaped Structuring Elements for Classification of Images With Very High Spatial Resolution. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4644-4652.	4.9	45
31	Local Spectrum-Trend Similarity Approach for Detecting Land-Cover Change by Using SPOT-5 Satellite Images. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 738-742.	3.1	26
32	Object-Based Spatial Feature for Classification of Very High Resolution Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 1572-1576.	3.1	30
33	Dynamical Behaviors of Stochastic Hopfield Neural Networks with Both Time-Varying and Continuously Distributed Delays. Abstract and Applied Analysis, 2013, 2013, 1-9.	0.7	0
34	A Reliability-Based Multi-Algorithm Fusion Technique in Detecting Changes in Land Cover. Remote Sensing, 2013, 5, 1134-1151.	4.0	11
35	Composite Match Index with Application of Interior Deformation Field Measurement from Magnetic Resonance Volumetric Images of Human Tissues. Computational Intelligence and Neuroscience, 2012, 2012, 1-9.	1.7	0
36	SURF and Spatial Association Correspondence applied in extraction and matching of feature points from MR images of deformed tissues. , 2010, , .		2

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37	A local geometric preserving approach for interior deformation fields measurement from MR volumetric images of human tissues. , 2010, , .		2
38	Local Deformation Measurement of Biological Tissues Based on Feature Tracking of 3D MR Volumetric Images. , 2007, , .		7