

# Mingsheng Liao

## List of Publications by Year in descending order

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198  
papers

3,210  
citations

147566

31  
h-index

214527

47  
g-index

199  
all docs

199  
docs citations

199  
times ranked

2685  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping landslide surface displacements with time series SAR interferometry by combining persistent and distributed scatterers: A case study of Jiaju landslide in Danba, China. <i>Remote Sensing of Environment</i> , 2018, 205, 180-198.	4.6	127
2	Using SAR Images to Detect Ships From Sea Clutter. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2008, 5, 194-198.	1.4	118
3	Building-damage detection using post-seismic high-resolution SAR satellite data. <i>International Journal of Remote Sensing</i> , 2010, 31, 3369-3391.	1.3	101
4	Texture Classification of PolSAR Data Based on Sparse Coding of Wavelet Polarization Textons. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 4576-4590.	2.7	81
5	Detection and displacement characterization of landslides using multi-temporal satellite SAR interferometry: A case study of Danba County in the Dadu River Basin. <i>Engineering Geology</i> , 2018, 240, 95-109.	2.9	81
6	Measuring precursory movements of the recent Xinmo landslide in Mao County, China with Sentinel-1 and ALOS-2 PALSAR-2 datasets. <i>Landslides</i> , 2018, 15, 135-144.	2.7	78
7	Ship Detection in SAR Image Based on the Alpha-stable Distribution. <i>Sensors</i> , 2008, 8, 4948-4960.	2.1	77
8	Removal of azimuth ambiguities and detection of a ship: using polarimetric airborne C-band SAR images. <i>International Journal of Remote Sensing</i> , 2012, 33, 3197-3210.	1.3	70
9	Landslide deformation monitoring using point-like target offset tracking with multi-mode high-resolution TerraSAR-X data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015, 105, 128-140.	4.9	67
10	Improved correction of seasonal tropospheric delay in InSAR observations for landslide deformation monitoring. <i>Remote Sensing of Environment</i> , 2019, 233, 111370.	4.6	67
11	Characterization of Landslide Deformations in Three Gorges Area Using Multiple InSAR Data Stacks. <i>Remote Sensing</i> , 2013, 5, 2704-2719.	1.8	64
12	Landslide monitoring with high-resolution SAR data in the Three Gorges region. <i>Science China Earth Sciences</i> , 2012, 55, 590-601.	2.3	60
13	Wide-Area Landslide Deformation Mapping with Multi-Path ALOS PALSAR Data Stacks: A Case Study of Three Gorges Area, China. <i>Remote Sensing</i> , 2016, 8, 136.	1.8	57
14	Retrieval of historical surface displacements of the Baige landslide from time-series SAR observations for retrospective analysis of the collapse event. <i>Remote Sensing of Environment</i> , 2020, 240, 111695.	4.6	57
15	Putting people in the picture: Combining big location-based social media data and remote sensing imagery for enhanced contextual urban information in Shanghai. <i>Computers, Environment and Urban Systems</i> , 2017, 62, 99-112.	3.3	56
16	Mapping and characterizing displacements of active loess slopes along the upstream Yellow River with multi-temporal InSAR datasets. <i>Science of the Total Environment</i> , 2019, 674, 200-210.	3.9	52
17	Structural Health and Stability Assessment of High-Speed Railways via Thermal Dilation Mapping With Time-Series InSAR Analysis. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 2999-3010.	2.3	51
18	Spatio-Temporal Characterization of a Reclamation Settlement in the Shanghai Coastal Area with Time Series Analyses of X-, C-, and L-Band SAR Datasets. <i>Remote Sensing</i> , 2018, 10, 329.	1.8	51

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19	Learning Based Compressed Sensing for SAR Image Super-Resolution. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 1272-1281.	2.3	49
20	Remote Sensing Image Semantic Segmentation Based on Edge Information Guidance. Remote Sensing, 2020, 12, 1501.	1.8	48
21	InSAR Coherence-Decomposition Analysis. IEEE Geoscience and Remote Sensing Letters, 2010, 7, 156-160.	1.4	45
22	Monitoring active motion of the Guobu landslide near the Laxiwa Hydropower Station in China by time-series point-like targets offset tracking. Remote Sensing of Environment, 2019, 221, 80-93.	4.6	44
23	Mapping surface deformation and thermal dilation of arch bridges by structure-driven multi-temporal DInSAR analysis. Remote Sensing of Environment, 2018, 216, 71-90.	4.6	41
24	Measuring Coseismic Displacements With Point-Like Targets Offset Tracking. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 283-287.	1.4	40
25	Surface displacements of the Heifangtai terrace in Northwest China measured by X and C-band InSAR observations. Engineering Geology, 2019, 259, 105181.	2.9	40
26	Synergistic use of optical and InSAR data for urban impervious surface mapping: a case study in Hong Kong. International Journal of Remote Sensing, 2009, 30, 2781-2796.	1.3	39
27	Quantifying Sub-pixel Urban Impervious Surface through Fusion of Optical and InSAR Imagery. GIScience and Remote Sensing, 2009, 46, 161-171.	2.4	38
28	Reconstruction of DEMs From ERS-1/2 Tandem Data in Mountainous Area Facilitated by SRTM Data. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 2325-2335.	2.7	36
29	Rational function modeling for spaceborne SAR datasets. ISPRS Journal of Photogrammetry and Remote Sensing, 2011, 66, 133-145.	4.9	35
30	Urban Change Detection Based on Coherence and Intensity Characteristics of SAR Imagery. Photogrammetric Engineering and Remote Sensing, 2008, 74, 999-1006.	0.3	34
31	Deformation Monitoring and Analysis of the Geological Environment of Pudong International Airport with Persistent Scatterer SAR Interferometry. Remote Sensing, 2016, 8, 1021.	1.8	33
32	Improved topographic mapping through high-resolution SAR interferometry with atmospheric effect removal. ISPRS Journal of Photogrammetry and Remote Sensing, 2013, 80, 72-79.	4.9	30
33	A Hierarchical Fully Convolutional Network Integrated with Sparse and Low-Rank Subspace Representations for PolSAR Imagery Classification. Remote Sensing, 2018, 10, 342.	1.8	30
34	On the applicability of satellite SAR interferometry to landslide hazards detection in hilly areas: a case study of Shuicheng, Guizhou in Southwest China. Landslides, 2021, 18, 2609-2619.	2.7	30
35	Satellite SAR geocoding with refined RPC model. ISPRS Journal of Photogrammetry and Remote Sensing, 2012, 69, 37-49.	4.9	29
36	A Component-Based Multi-Layer Parallel Network for Airplane Detection in SAR Imagery. Remote Sensing, 2018, 10, 1016.	1.8	29

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37	Quantifying the spatio-temporal patterns of dune migration near Minqin Oasis in northwestern China with time series of Landsat-8 and Sentinel-2 observations. <i>Remote Sensing of Environment</i> , 2020, 236, 111498.	4.6	29
38	A Novel Fast Approach for SAR Tomography: Two-Step Iterative Shrinkage/Thresholding. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 1377-1381.	1.4	28
39	Fusion of high-resolution DEMs derived from COSMO-SkyMed and TerraSAR-X InSAR datasets. <i>Journal of Geodesy</i> , 2014, 88, 587-599.	1.6	27
40	Expressway deformation mapping using high-resolution TerraSAR-X images. <i>Remote Sensing Letters</i> , 2014, 5, 194-203.	0.6	27
41	Retrieval of time series three-dimensional landslide surface displacements from multi-angular SAR observations. <i>Landslides</i> , 2018, 15, 1015-1027.	2.7	27
42	A bridge-tailored multi-temporal DInSAR approach for remote exploration of deformation characteristics and mechanisms of complexly structured bridges. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 156, 27-50.	4.9	26
43	Investigating a reservoir bank slope displacement history with multi-frequency satellite SAR data. <i>Landslides</i> , 2017, 14, 1961-1973.	2.7	25
44	Characterization of pre- and post-failure displacements of the Huangnibazi landslide in Li County with multi-source satellite observations. <i>Engineering Geology</i> , 2019, 257, 105140.	2.9	24
45	Automatic Registration of INSAR Data Based on Least-Square Matching and Multi-Step Strategy. <i>Photogrammetric Engineering and Remote Sensing</i> , 2004, 70, 1139-1144.	0.3	22
46	Unsupervised Classification of Polarimetric SAR Images via Riemannian Sparse Coding. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 5381-5390.	2.7	22
47	Measurement of the three-dimensional surface deformation of the Jiaju landslide using a surface-parallel flow model. <i>Remote Sensing Letters</i> , 2019, 10, 776-785.	0.6	21
48	Automatic relative radiometric normalization using iteratively weighted least square regression. <i>International Journal of Remote Sensing</i> , 2008, 29, 459-470.	1.3	20
49	Direct stereo radargrammetric processing using massively parallel processing. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2013, 79, 137-146.	4.9	20
50	Change Detection in High-Resolution SAR Images Based on Jensen's Shannon Divergence and Hierarchical Markov Model. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 3318-3327.	2.3	20
51	Landslide Deformation Analysis by Coupling Deformation Time Series from SAR Data with Hydrological Factors through Data Assimilation. <i>Remote Sensing</i> , 2016, 8, 179.	1.8	20
52	Health Diagnosis of Major Transportation Infrastructures in Shanghai Metropolis Using High-Resolution Persistent Scatterer Interferometry. <i>Sensors</i> , 2017, 17, 2770.	2.1	20
53	GPU accelerated interferometric SAR processing for Sentinel-1 TOPS data. <i>Computers and Geosciences</i> , 2019, 129, 12-25.	2.0	20
54	Multi-scale deformation monitoring with Sentinel-1 InSAR analyses along the Middle Route of the South-North Water Diversion Project in China. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 100, 102324.	1.4	20

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55	Application of SAR Interferometry on DEM Generation of the Grove Mountains. <i>Photogrammetric Engineering and Remote Sensing</i> , 2004, 70, 1145-1149.	0.3	19
56	Nonlinear Compressed Sensing-Based LDA Topic Model for Polarimetric SAR Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 972-982.	2.3	19
57	Atmospheric correction in time-series SAR interferometry for land surface deformation mapping – A case study of Taiyuan, China. <i>Advances in Space Research</i> , 2016, 58, 310-325.	1.2	19
58	Remote Sensing Change Detection Based on Canonical Correlation Analysis and Contextual Bayes Decision. <i>Photogrammetric Engineering and Remote Sensing</i> , 2007, 73, 311-318.	0.3	18
59	Monitoring structure health of urban bridges with advanced multi-temporal InSAR analysis. <i>Annals of GIS</i> , 2017, 23, 293-302.	1.4	17
60	Statistical Convolutional Neural Network for Land-Cover Classification From SAR Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020, 17, 1548-1552.	1.4	17
61	Discernibility of Burial Mounds in High-Resolution X-Band SAR Images for Archaeological Prospections in the Altai Mountains. <i>Remote Sensing</i> , 2016, 8, 817.	1.8	16
62	Big location-based social media messages from China's Sina Weibo network: Collection, storage, visualization, and potential ways of analysis. <i>Transactions in GIS</i> , 2017, 21, 825-834.	1.0	16
63	An End-To-End Bayesian Segmentation Network Based on a Generative Adversarial Network for Remote Sensing Images. <i>Remote Sensing</i> , 2020, 12, 216.	1.8	16
64	Detection and Characterization of Active Slope Deformations with Sentinel-1 InSAR Analyses in the Southwest Area of Shanxi, China. <i>Remote Sensing</i> , 2020, 12, 392.	1.8	16
65	Landslide stability evaluation using high-resolution satellite SAR data in the Three Gorges area. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2016, 49, 203-211.	0.8	15
66	Investigation of Ground Deformation in Taiyuan Basin, China from 2003 to 2010, with Atmosphere-Corrected Time Series InSAR. <i>Remote Sensing</i> , 2018, 10, 1499.	1.8	15
67	Adaptive Component Selection-Based Discriminative Model for Object Detection in High-Resolution SAR Imagery. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 72.	1.4	15
68	An End-to-End Conditional Random Fields and Skip-Connected Generative Adversarial Segmentation Network for Remote Sensing Images. <i>Remote Sensing</i> , 2019, 11, 1604.	1.8	15
69	Characterizing the evolution life cycle of the Sunkoshi landslide in Nepal with multi-source SAR data. <i>Scientific Reports</i> , 2020, 10, 17988.	1.6	15
70	Signal Processing Options for High Resolution SAR Tomography of Natural Scenarios. <i>Remote Sensing</i> , 2020, 12, 1638.	1.8	15
71	Nonlinear Manifold Learning Integrated with Fully Convolutional Networks for PolSAR Image Classification. <i>Remote Sensing</i> , 2020, 12, 655.	1.8	15
72	Landslide Displacement Monitoring with Split-Bandwidth Interferometry: A Case Study of the Shuping Landslide in the Three Gorges Area. <i>Remote Sensing</i> , 2017, 9, 937.	1.8	14

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73	Using TSX/TDX Pursuit Monostatic SAR Stacks for PS-InSAR Analysis in Urban Areas. <i>Remote Sensing</i> , 2019, 11, 26.	1.8	14
74	Stereoscopic Road Network Extraction by Decision-Level Fusion of Optical and SAR Imagery. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2013, 6, 2221-2228.	2.3	13
75	A Unified Approach of Multitemporal SAR Data Filtering Through Adaptive Estimation of Complex Covariance Matrix. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 5320-5333.	2.7	13
76	An Efficient Maximum Likelihood Estimation Approach of Multi-Baseline SAR Interferometry for Refined Topographic Mapping in Mountainous Areas. <i>Remote Sensing</i> , 2018, 10, 454.	1.8	13
77	Deformation monitoring of slow-moving landslide with L- and C-band SAR interferometry. <i>Remote Sensing Letters</i> , 2014, 5, 951-960.	0.6	12
78	Tropical Forest Height Retrieval Based on P-Band Multibaseline SAR Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020, 17, 451-455.	1.4	12
79	A structure knowledge-synthetic aperture radar interferometry integration method for high-precision deformation monitoring and risk identification of sea-crossing bridges. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 103, 102476.	1.4	12
80	TerraSAR-X StripMap Data Interpretation of Complex Urban Scenarios with 3D SAR Tomography. <i>Journal of Sensors</i> , 2014, 2014, 1-7.	0.6	11
81	Detection of coal-mining-induced subsidence and mapping of the resulting deformation using time series of ALOS-PALSAR data. <i>Remote Sensing Letters</i> , 2016, 7, 855-864.	0.6	11
82	Mapping and Characterizing Thermal Dilation of Civil Infrastructures with Multi-Temporal X-Band Synthetic Aperture Radar Interferometry. <i>Remote Sensing</i> , 2018, 10, 941.	1.8	11
83	Paradigm Changes in Surface-Motion Estimation From SAR: Lessons From 16 Years of Sino-European Cooperation in the Dragon Program. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 2020, 8, 8-21.	4.9	11
84	High-spatial-resolution mapping of precipitable water vapour using SAR interferograms, GPS observations and ERA-Interim reanalysis. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 4487-4501.	1.2	10
85	Spatio-Temporal Series Remote Sensing Image Prediction Based on Multi-Dictionary Bayesian Fusion. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 374.	1.4	10
86	Radargrammetric DSM generation in mountainous areas through adaptive-window least squares matching constrained by enhanced epipolar geometry. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 137, 61-72.	4.9	10
87	On the value of corner reflectors and surface models in InSAR precise point positioning. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 158, 113-122.	4.9	10
88	Fully Convolutional Networks and a Manifold Graph Embedding-Based Algorithm for PolSAR Image Classification. <i>Remote Sensing</i> , 2020, 12, 1467.	1.8	10
89	A PSI targets characterization approach to interpreting surface displacement signals: A case study of the Shanghai metro tunnels. <i>Remote Sensing of Environment</i> , 2022, 280, 113150.	4.6	10
90	Hierarchical Terrain Classification Based on Multilayer Bayesian Network and Conditional Random Field. <i>Remote Sensing</i> , 2017, 9, 96.	1.8	9

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91	Lifting Scheme-Based Deep Neural Network for Remote Sensing Scene Classification. Remote Sensing, 2019, 11, 2648.	1.8	9
92	Deriving Centimeter-Level Coseismic Deformation and Fault Geometries of Small-To-Moderate Earthquakes From Time-Series Sentinel-1 SAR Images. Frontiers in Earth Science, 2021, 9, .	0.8	9
93	Monitoring Large-Scale Hydraulic Engineering Using Sentinel-1 InSAR: A Case Study of China's South-to-North Water Diversion Middle Route Project. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 739-750.	2.3	9
94	Ship detection from polarimetric sar images. , 2009, , .		8
95	Using Open-Source Components to Process Interferometric TerraSAR-X Spotlight Data. International Journal of Antennas and Propagation, 2013, 2013, 1-13.	0.7	8
96	Application of Hough Forests for the detection of grave mounds in high-resolution satellite imagery. , 2014, , .		8
97	Superpixel-based change detection in high resolution sar images using region covariance features. , 2015, , .		8
98	Mixture Statistical Distribution Based Multiple Component Model for Target Detection in High Resolution SAR Imagery. ISPRS International Journal of Geo-Information, 2017, 6, 336.	1.4	8
99	A safety analysis of elevated highways in Shanghai linked to dynamic load using long-term time-series of InSAR stacks. Remote Sensing Letters, 2019, 10, 1133-1142.	0.6	8
100	Cascaded multi-baseline interferometry with bistatic TerraSAR-X/TanDEM-X observations for DEM generation. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 171, 224-237.	4.9	8
101	Coâ€œseismic and postâ€œseismic fault kinematics of the July 22, 2020, Nima (Tibet) Ms6.6 earthquake: implications of the forming mechanism of the active Nâ€œSâ€œtrending grabens in Qiangtang, Tibet. Tectonics, 0, , .	1.3	8
102	Unsupervised change detection in multitemporal SAR images using MRF models. Geo-Spatial Information Science, 2007, 10, 111-116.	2.4	7
103	A novel over-segmentation method for polarimetric SAR images classification. , 2012, , .		7
104	A Point Pattern Chamfer Registration of Optical and SAR Images Based on Mesh Grids. Remote Sensing, 2018, 10, 1837.	1.8	7
105	Fusion of Multi-Baseline and Multi-Orbit InSAR DEMs with Terrain Feature-Guided Filter. Remote Sensing, 2018, 10, 1511.	1.8	7
106	Linking Persistent Scatterers to the Built Environment Using Ray Tracing on Urban Models. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5764-5776.	2.7	7
107	Monitoring Landslide Activities in the Three Gorges Area with Multi-frequency Satellite SAR Data Sets. , 2015, , 181-208.		7
108	Deformation Monitoring by Long Term D-InSAR Analysis in Three Gorges Area, China. , 2008, , .		6

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109	Estimating urban impervious surface percentage with multi-source remote sensing data. , 2009, , .		6
110	Unsupervised Classification of PolInSAR Data Based on Shannon Entropy Characterization With Iterative Optimization. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2011, 4, 949-959.	2.3	6
111	Absolute geolocation accuracy of high-resolution spotlight TerraSAR-X imagery " validation in Wuhan. Geo-Spatial Information Science, 2016, 19, 267-272.	2.4	6
112	Monitoring the built-up environment of Shanghai on the street-block level using SAR and volunteered geographic information. International Journal of Digital Earth, 2017, 10, 675-686.	1.6	6
113	Attribute Learning for SAR Image Classification. ISPRS International Journal of Geo-Information, 2017, 6, 111.	1.4	6
114	On the influence of sub-pixel position correction for PS localization accuracy and time series quality. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 165, 98-107.	4.9	6
115	Change detection, risk assessment and mass balance of mobile dune fields near Dunhuang Oasis with optical imagery and global terrain datasets. International Journal of Digital Earth, 2020, 13, 1604-1623.	1.6	6
116	Decomposing and mapping different scales of land subsidence over Shanghai with X- and C-Band SAR data stacks. International Journal of Digital Earth, 2022, 15, 478-502.	1.6	6
117	Taiyuan City subsidence observed with Persistent Scatterer InSAR. Wuhan University Journal of Natural Sciences, 2014, 19, 526-534.	0.2	5
118	Potential loess landslide deformation monitoring using L-band SAR interferometry. Geo-Spatial Information Science, 2016, 19, 273-277.	2.4	5
119	Remote Sensing and Texture Image Classification Network Based on Deep Learning Integrated with Binary Coding and Sinkhorn Distance. Remote Sensing, 2019, 11, 2870.	1.8	5
120	Source Geometry and Causes of the 2019 Ms6.0 Changning Earthquake in Sichuan, China Based on InSAR. Remote Sensing, 2022, 14, 2082.	1.8	5
121	Robust approach to the MAD change detection method. , 2004, 5574, 184.		4
122	Modification of a scattering model-based speckle filter applied to coastal environments: an LULC study using PALSAR data. International Journal of Remote Sensing, 2010, 31, 2101-2107.	1.3	4
123	Polarimetric SAR Despeckling by Integrating Stochastic Sampling and Contextual Patch Dissimilarity Exploration. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 2738-2753.	2.3	4
124	Three-Dimensional Deformation Monitoring and Structural Risk Assessment of Bridges by Integrating Observations from Multiple SAR Sensors. , 2018, , .		4
125	Radargrammetric DSM Generation by Semi-Global Matching and Evaluation of Penalty Functions. Remote Sensing, 2022, 14, 1778.	1.8	4
126	Registration of INSAR complex images based on integrating correlation-registration and least square-registration. , 2005, , .		3



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127	Unsupervised change detection in urban area using multitemporal ERS-1/2 InSAR data. , 0, , .		3
128	RPC modeling for spaceborne SAR and its application in radargrammetry. , 2010, , .		3
129	SAR super resolution via multi-dictionary. , 2011, , .		3
130	Tomosar and PS-InSAR analysis of high-rise buildings in Berlin. , 2012, , .		3
131	Urban change detection with polarimetric Advanced Land Observing Satellite phased array type L-band synthetic aperture radar data: a case study of Taiâ€™an, China. Journal of Applied Remote Sensing, 2013, 7, 073481.	0.6	3
132	Road extraction for SAR imagery based on the combination of beamlet and a selected kernel. , 2014, , .		3
133	Hierarchical segmentation of polarimetric SAR image via Non-Parametric Graph Entropy. , 2014, , .		3
134	Spaceborne D-InSAR system: Conceptual overview. , 2015, , .		3
135	Study of coastal wetland classification based on decision rules using ALOS AVNIR-2 images and ancillary geospatial data. Geocarto International, 2015, 30, 1172-1188.	1.7	3
136	Landslides analysis in western mountainous areas of China using Distributed Scatterers based InSAR. , 2016, , .		3
137	Pattern Statistics Network for Classification of High-Resolution SAR Images. Remote Sensing, 2019, 11, 1942.	1.8	3
138	Statistics Learning Network Based on the Quadratic Form for SAR Image Classification. Remote Sensing, 2019, 11, 282.	1.8	3
139	Extraction of DEM from single SAR based on radargrammetry. , 0, , .		2
140	Implementation of a parallel registration algorithm for registration of InSAR complex images. , 2004, , .		2
141	Applications and Analyses of Satelliteâ€™borne Lâ€™band Synthetic Aperture Radar Data in Coastal Environments. Geography Compass, 2009, 3, 1465-1482.	1.5	2
142	Post-earthquake landslide detection and early detection of landslide prone areas using SAR. , 2009, , .		2
143	Polarimetric Characteristics Analysis of Ship Target and Its Azimuth Ambiguities Based on PolSAR Images. , 2010, , .		2
144	A novel linear feature detector for SAR images. Eurasip Journal on Advances in Signal Processing, 2012, 2012, .	1.0	2

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145	Weakly supervised object extraction with iterative contour prior for remote sensing images. Eurasip Journal on Advances in Signal Processing, 2013, 2013, .	1.0	2
146	Observing urban built-up change in shanghai with SAR imagery. , 2016, , .		2
147	Iteration convergence condition modeling for single spaceborne SAR image direct positioning. Geo-Spatial Information Science, 2016, 19, 278-284.	2.4	2
148	Extraction of build-up area from SAR images using unsupervised ensemble learning. , 2017, , .		2
149	Stable feature point extraction for accurate multi-temporal SAR image registration. , 2017, , .		2
150	Polarimetric SAR pixel offset tracking for large-gradient landslide displacement mapping. International Journal of Applied Earth Observation and Geoinformation, 2022, 112, 102867.	0.9	2
151	<title>Land use/land cover change detection based on canonical transformation</title>. , 2003, 4898, 303.		1
152	Urban change detection using multitemporal ERS-1/2 InSAR data. , 2005, , .		1
153	ENVISAT ASAR orbit error analysis and case study. , 2006, , .		1
154	Ship detection algorithm in SAR images based on Alpha-stable model. , 2007, , .		1
155	Optimal estimation of tropospheric delay corrections to INSAR results from GPS observations based on SVM. Proceedings of SPIE, 2007, , .	0.8	1
156	Learning based decomposition for polarmetric SAR images. , 2011, , .		1
157	Deformation monitoring from high-resolution SAR images in Shanghai Pudong area. , 2011, , .		1
158	Sea level affecting marshes model and remotely sensed and geo-spatial datasets for a large area. Annals of GIS, 2011, 17, 99-104.	1.4	1
159	Analyzing the topographic influence for the PS-INSAR processing in the Three Gorges region. , 2012, , .		1
160	Attributed scattering center feature extraction of high resolution SAR image and classification algorithm. , 2014, , .		1
161	Ensemble learning based on multi-features fusion and selection for polarimetric SAR image classification. , 2014, , .		1
162	Joint use of multi-orbit high-resolution SAR interferometry for DEM generation in mountainous area. , 2014, , .		1

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163	Analyzing TerraSAR-X staring spotlight mode data for archaeological prospections in the Altai Mountains. , 2015, , .		1
164	Elevation change around Dome A region of Antarctica from EnviSat satellite radar altimetry during 2002â€“2012. Geo-Spatial Information Science, 2015, 18, 193-199.	2.4	1
165	Stability assessment of high-speed railway using advanced InSAR technique. , 2016, , .		1
166	Dynamic online visualization of PS-InSAR surface motion estimation results using WebGL. Remote Sensing Letters, 2017, 8, 126-135.	0.6	1
167	A Sparse Manifold Classification Method Based on a Multi-Dimensional Descriptive Primitive of Polarimetric SAR Image Time Series. ISPRS International Journal of Geo-Information, 2017, 6, 97.	1.4	1
168	Monitoring Three Dimensional Displacements of the Shuping Landslide, Three Gorges Area with Multi-Temporal Terrasar-X Sar Images. , 2018, , .		1
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