

Mingsheng Liao

List of Publications by Year in descending order

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198
papers

3,210
citations

147566

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199
docs citations

199
times ranked

2685
citing authors

#	ARTICLE	IF	CITATIONS
1	Retrieval of Tropical Forest Height and Above-Ground Biomass Using Airborne P- and L-Band SAR Tomography. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	1.4	1
2	Monitoring Large-Scale Hydraulic Engineering Using Sentinel-1 InSAR: A Case Study of China's South-to-North Water Diversion Middle Route Project. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022, 15, 739-750.	2.3	9
3	Radargrammetric DSM Generation by Semi-Global Matching and Evaluation of Penalty Functions. <i>Remote Sensing</i> , 2022, 14, 1778.	1.8	4
4	Decomposing and mapping different scales of land subsidence over Shanghai with X- and C-Band SAR data stacks. <i>International Journal of Digital Earth</i> , 2022, 15, 478-502.	1.6	6
5	Source Geometry and Causes of the 2019 Ms6.0 Changning Earthquake in Sichuan, China Based on InSAR. <i>Remote Sensing</i> , 2022, 14, 2082.	1.8	5
6	Polarimetric SAR pixel offset tracking for large-gradient landslide displacement mapping. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 112, 102867.	0.9	2
7	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
8	Cascaded multi-baseline interferometry with bistatic TerraSAR-X/TanDEM-X observations for DEM generation. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 171, 224-237.	4.9	8
9	Deriving Centimeter-Level Coseismic Deformation and Fault Geometries of Small-To-Moderate Earthquakes From Time-Series Sentinel-1 SAR Images. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	9
10	On the applicability of satellite SAR interferometry to landslide hazards detection in hilly areas: a case study of Shuicheng, Guizhou in Southwest China. <i>Landslides</i> , 2021, 18, 2609-2619.	2.7	30
11	Three- and Four-Dimensional Topographic Measurement and Validation. <i>Remote Sensing</i> , 2021, 13, 2861.	1.8	0
12	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
13	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
14	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
15	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
16	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
17	On the influence of sub-pixel position correction for PS localization accuracy and time series quality. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 165, 98-107.	4.9	6
18	Fully Convolutional Networks and a Manifold Graph Embedding-Based Algorithm for PolSAR Image Classification. <i>Remote Sensing</i> , 2020, 12, 1467.	1.8	10

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19	Signal Processing Options for High Resolution SAR Tomography of Natural Scenarios. Remote Sensing, 2020, 12, 1638.	1.8	15
20	Edge Prior Multilayer Segmentation Network Based on Bayesian Framework. Journal of Sensors, 2020, 2020, 1-11.	0.6	1
21	Paradigm Changes in Surface-Motion Estimation From SAR: Lessons From 16 Years of Sino-European Cooperation in the Dragon Program. IEEE Geoscience and Remote Sensing Magazine, 2020, 8, 8-21.	4.9	11
22	An End-To-End Bayesian Segmentation Network Based on a Generative Adversarial Network for Remote Sensing Images. Remote Sensing, 2020, 12, 216.	1.8	16
23	Nonlinear Manifold Learning Integrated with Fully Convolutional Networks for PolSAR Image Classification. Remote Sensing, 2020, 12, 655.	1.8	15
24	Retrieval of historical surface displacements of the Baige landslide from time-series SAR observations for retrospective analysis of the collapse event. Remote Sensing of Environment, 2020, 240, 111695.	4.6	57
25	Detection and Characterization of Active Slope Deformations with Sentinel-1 InSAR Analyses in the Southwest Area of Shanxi, China. Remote Sensing, 2020, 12, 392.	1.8	16
26	Statistical Convolutional Neural Network for Land-Cover Classification From SAR Images. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1548-1552.	1.4	17
27	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
28	Remote Sensing Image Semantic Segmentation Based on Edge Information Guidance. Remote Sensing, 2020, 12, 1501.	1.8	48
29	Processing Options for High-Resolution SAR Tomography from Irregular Trajectories. , 2020, , .		0
30	Improved correction of seasonal tropospheric delay in InSAR observations for landslide deformation monitoring. Remote Sensing of Environment, 2019, 233, 111370.	4.6	67
31	An End-to-End Conditional Random Fields and Skip-Connected Generative Adversarial Segmentation Network for Remote Sensing Images. Remote Sensing, 2019, 11, 1604.	1.8	15
32	On the value of corner reflectors and surface models in InSAR precise point positioning. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 158, 113-122.	4.9	10
33	Lifting Scheme-Based Deep Neural Network for Remote Sensing Scene Classification. Remote Sensing, 2019, 11, 2648.	1.8	9
34	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
35	A bridge-tailored multi-temporal DInSAR approach for remote exploration of deformation characteristics and mechanisms of complexly structured bridges. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 156, 27-50.	4.9	26
36	Pattern Statistics Network for Classification of High-Resolution SAR Images. Remote Sensing, 2019, 11, 1942.	1.8	3

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37	Surface displacements of the Heifangtai terrace in Northwest China measured by X and C-band InSAR observations. <i>Engineering Geology</i> , 2019, 259, 105181.	2.9	40
38	GPU accelerated interferometric SAR processing for Sentinel-1 TOPS data. <i>Computers and Geosciences</i> , 2019, 129, 12-25.	2.0	20
39	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
40	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
41	Statistics Learning Network Based on the Quadratic Form for SAR Image Classification. <i>Remote Sensing</i> , 2019, 11, 282.	1.8	3
42	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
43	Linking Persistent Scatterers to the Built Environment Using Ray Tracing on Urban Models. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 5764-5776.	2.7	7
44	Quantifying Dynamic Characteristics of Dune Migration in Northwestern China with Multitemporal Optical Satellite Observations. , 2019, , .		1
45	Mining change patterns in time series high-resolution SAR images. <i>Journal of Engineering</i> , 2019, 2019, 5829-5832.	0.6	0
46	Forest Height Retrieval in Tropical Areas Using P-Band Multibaseline SAR Data. , 2019, , .		1
47	Building Change Detection using Coherent and Incoherent Features from Multitemporal SAR Images. , 2019, , .		0
48	Remote Sensing and Texture Image Classification Network Based on Deep Learning Integrated with Binary Coding and Sinkhorn Distance. <i>Remote Sensing</i> , 2019, 11, 2870.	1.8	5
49	Using TSX/TDX Pursuit Monostatic SAR Stacks for PS-InSAR Analysis in Urban Areas. <i>Remote Sensing</i> , 2019, 11, 26.	1.8	14
50	Monitoring active motion of the Guobu landslide near the Laxiwa Hydropower Station in China by time-series point-like targets offset tracking. <i>Remote Sensing of Environment</i> , 2019, 221, 80-93.	4.6	44
51	Region-based seam optimization for image stitching. <i>Journal of Electronic Imaging</i> , 2019, 28, 1.	0.5	1
52	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
53	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
54	Retrieval of time series three-dimensional landslide surface displacements from multi-angular SAR observations. <i>Landslides</i> , 2018, 15, 1015-1027.	2.7	27

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55	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
56	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
57	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
58	Capturing the Deformation Characteristics of Cable-stayed Bridges with Multi-temporal SAR Interferometry. , 2018, , .		0
59	Monitoring Three Dimensional Displacements of the Shuping Landslide, Three Gorges Area with Multi-Temporal Terrasar-X Sar Images. , 2018, , .		1
60	Three-Dimensional Deformation Monitoring and Structural Risk Assessment of Bridges by Integrating Observations from Multiple SAR Sensors. , 2018, , .		4
61	A Point Pattern Chamfer Registration of Optical and SAR Images Based on Mesh Grids. <i>Remote Sensing</i> , 2018, 10, 1837.	1.8	7
62	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
63	Fusion of Multi-Baseline and Multi-Orbit InSAR DEMs with Terrain Feature-Guided Filter. <i>Remote Sensing</i> , 2018, 10, 1511.	1.8	7
64	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
65	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
66	Mapping surface deformation and thermal dilation of arch bridges by structure-driven multi-temporal DInSAR analysis. <i>Remote Sensing of Environment</i> , 2018, 216, 71-90.	4.6	41
67	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
68	A Hierarchical Fully Convolutional Network Integrated with Sparse and Low-Rank Subspace Representations for PolSAR Imagery Classification. <i>Remote Sensing</i> , 2018, 10, 342.	1.8	30
69	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
70	A Component-Based Multi-Layer Parallel Network for Airplane Detection in SAR Imagery. <i>Remote Sensing</i> , 2018, 10, 1016.	1.8	29
71	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
72	Polarimetric SAR Despeckling by Integrating Stochastic Sampling and Contextual Patch Dissimilarity Exploration. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 2738-2753.	2.3	4

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73	Investigating a reservoir bank slope displacement history with multi-frequency satellite SAR data. Landslides, 2017, 14, 1961-1973.	2.7	25
74	Extraction of build-up area from SAR images using unsupervised ensemble learning. , 2017, , .		2
75	Big location-based social media messages from China's Sina Weibo network: Collection, storage, visualization, and potential ways of analysis. Transactions in GIS, 2017, 21, 825-834.	1.0	16
76	Monitoring structure health of urban bridges with advanced multi-temporal InSAR analysis. Annals of GIS, 2017, 23, 293-302.	1.4	17
77	Structural Health and Stability Assessment of High-Speed Railways via Thermal Dilation Mapping With Time-Series InSAR Analysis. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 2999-3010.	2.3	51
78	Dynamic online visualization of PS-InSAR surface motion estimation results using WebGL. Remote Sensing Letters, 2017, 8, 126-135.	0.6	1
79	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
80	Putting people in the picture: Combining big location-based social media data and remote sensing imagery for enhanced contextual urban information in Shanghai. Computers, Environment and Urban Systems, 2017, 62, 99-112.	3.3	56
81	Hierarchical Terrain Classification Based on Multilayer Bayesian Network and Conditional Random Field. Remote Sensing, 2017, 9, 96.	1.8	9
82	Landslide Displacement Monitoring with Split-Bandwidth Interferometry: A Case Study of the Shuping Landslide in the Three Gorges Area. Remote Sensing, 2017, 9, 937.	1.8	14
83	Health Diagnosis of Major Transportation Infrastructures in Shanghai Metropolis Using High-Resolution Persistent Scatterer Interferometry. Sensors, 2017, 17, 2770.	2.1	20
84	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
85	Attribute Learning for SAR Image Classification. ISPRS International Journal of Geo-Information, 2017, 6, 111.	1.4	6
86	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
87	Spatio-Temporal Series Remote Sensing Image Prediction Based on Multi-Dictionary Bayesian Fusion. ISPRS International Journal of Geo-Information, 2017, 6, 374.	1.4	10
88	Stable feature point extraction for accurate multi-temporal SAR image registration. , 2017, , .		2
89	Monitoring Landslides Using Multi-frequency SAR Data in Danba County, Sichuan Province, China. Communications in Computer and Information Science, 2017, , 330-338.	0.4	0
90	Discernibility of Burial Mounds in High-Resolution X-Band SAR Images for Archaeological Prospections in the Altai Mountains. Remote Sensing, 2016, 8, 817.	1.8	16

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91	High-spatial-resolution mapping of precipitable water vapour using SAR interferograms, GPS observations and ERA-Interim reanalysis. Atmospheric Measurement Techniques, 2016, 9, 4487-4501.	1.2	10
92	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
93	Wide-Area Landslide Deformation Mapping with Multi-Path ALOS PALSAR Data Stacks: A Case Study of Three Gorges Area, China. Remote Sensing, 2016, 8, 136.	1.8	57
94	Landslide Deformation Analysis by Coupling Deformation Time Series from SAR Data with Hydrological Factors through Data Assimilation. Remote Sensing, 2016, 8, 179.	1.8	20
95	Detection of coal-mining-induced subsidence and mapping of the resulting deformation using time series of ALOS-PALSAR data. Remote Sensing Letters, 2016, 7, 855-864.	0.6	11
96	Land cover classification using radiometric-terrain-calibrated polarimetric SAR images. , 2016, , .		0
97	Absolute geolocation accuracy of high-resolution spotlight TerraSAR-X imagery " validation in Wuhan. Geo-Spatial Information Science, 2016, 19, 267-272.	2.4	6
98	Terrain measurements in CHINA using multi-sensor SAR data. , 2016, , .		0
99	Observing urban built-up change in shanghai with SAR imagery. , 2016, , .		2
100	Stability assessment of high-speed railway using advanced InSAR technique. , 2016, , .		1
101	Landslides analysis in western mountainous areas of China using Distributed Scatterers based InSAR. , 2016, , .		3
102	Atmospheric water vapor mapping by combining interferometric synthetic aperture radar and GPS observations. , 2016, , .		0
103	Absolute geo-positioning accuracy of TerraSAR-X - experimental validation in wuhan. , 2016, , .		0
104	Iteration convergence condition modeling for single spaceborne SAR image direct positioning. Geo-Spatial Information Science, 2016, 19, 278-284.	2.4	2
105	Potential loess landslide deformation monitoring using L-band SAR interferometry. Geo-Spatial Information Science, 2016, 19, 273-277.	2.4	5
106	Atmospheric correction in time-series SAR interferometry for land surface deformation mapping " A case study of Taiyuan, China. Advances in Space Research, 2016, 58, 310-325.	1.2	19
107	Landslide stability evaluation using high-resolution satellite SAR data in the Three Gorges area. Quarterly Journal of Engineering Geology and Hydrogeology, 2016, 49, 203-211.	0.8	15
108	A novel polarimetric-texture-structure descriptor for high-resolution PolSAR image classification. , 2015, , .		0

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109	Superpixel-based change detection in high resolution sar images using region covariance features. , 2015, , .		8
110	Analyzing TerraSAR-X staring spotlight mode data for archaeological prospections in the Altai Mountains. , 2015, , .		1
111	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
112	Spaceborne D-InSAR system: Conceptual overview. , 2015, , .		3
113	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
114	Landslide deformation monitoring using point-like target offset tracking with multi-mode high-resolution TerraSAR-X data. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 105, 128-140.	4.9	67
115	A Novel Fast Approach for SAR Tomography: Two-Step Iterative Shrinkage/Thresholding. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1377-1381.	1.4	28
116	Monitoring Landslide Activities in the Three Gorges Area with Multi-frequency Satellite SAR Data Sets. , 2015, , 181-208.		7
117	TerraSAR-X StripMap Data Interpretation of Complex Urban Scenarios with 3D SAR Tomography. Journal of Sensors, 2014, 2014, 1-7.	0.6	11
118	Tomographic analysis of high-rise buildings using TerraSAR-X spotlight data with compressive sensing approach. , 2014, , .		0
119	Change Detection in High-Resolution SAR Images Based on Jensenâ€“Shannon Divergence and Hierarchical Markov Model. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 3318-3327.	2.3	20
120	Road extraction for SAR imagery based on the combination of beamlet and a selected kernel. , 2014, , .		3
121	Hierarchical segmentation of polarimetric SAR image via Non-Parametric Graph Entropy. , 2014, , .		3
122	Application of Hough Forests for the detection of grave mounds in high-resolution satellite imagery. , 2014, , .		8
123	Attributed scattering center feature extraction of high resolution SAR image and classification algorithm. , 2014, , .		1
124	Spaceborne D-InSAR system: Coherence analysis. , 2014, , .		0
125	Deformation monitoring of slow-moving landslide with L- and C-band SAR interferometry. Remote Sensing Letters, 2014, 5, 951-960.	0.6	12
126	Taiyuan City subsidence observed with Persistent Scatterer InSAR. Wuhan University Journal of Natural Sciences, 2014, 19, 526-534.	0.2	5

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127	Hierarchical polarimetric SAR image classification based on feature selection and Genetic algorithm. , 2014, , .		0
128	Ensemble learning based on multi-features fusion and selection for polarimetric SAR image classification. , 2014, , .		1
129	Joint use of multi-orbit high-resolution SAR interferometry for DEM generation in mountainous area. , 2014, , .		1
130	Measuring Coseismic Displacements With Point-Like Targets Offset Tracking. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 283-287.	1.4	40
131	Fusion of high-resolution DEMs derived from COSMO-SkyMed and TerraSAR-X InSAR datasets. Journal of Geodesy, 2014, 88, 587-599.	1.6	27
132	Nonlinear Compressed Sensing-Based LDA Topic Model for Polarimetric SAR Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 972-982.	2.3	19
133	Expressway deformation mapping using high-resolution TerraSAR-X images. Remote Sensing Letters, 2014, 5, 194-203.	0.6	27
134	Weakly supervised object extraction with iterative contour prior for remote sensing images. Eurasip Journal on Advances in Signal Processing, 2013, 2013, .	1.0	2
135	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
136	Change detection in multi-temporal TerraSAR-X SAR images using a hierarchical Markov model on regions. , 2013, , .		0
137	Direct stereo radargrammetric processing using massively parallel processing. ISPRS Journal of Photogrammetry and Remote Sensing, 2013, 79, 137-146.	4.9	20
138	Texture Classification of PolSAR Data Based on Sparse Coding of Wavelet Polarization Textons. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 4576-4590.	2.7	81
139	Stereoscopic Road Network Extraction by Decision-Level Fusion of Optical and SAR Imagery. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 2221-2228.	2.3	13
140	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
141	Energy-efficient high-performance SAR image geocoding with NVIDIA CARMA and its application in stereo radargrammetry. , 2013, , .		0
142	Characterization of Landslide Deformations in Three Gorges Area Using Multiple InSAR Data Stacks. Remote Sensing, 2013, 5, 2704-2719.	1.8	64
143	Using Open-Source Components to Process Interferometric TerraSAR-X Spotlight Data. International Journal of Antennas and Propagation, 2013, 2013, 1-13.	0.7	8
144	Analyzing the topographic influence for the PS-INSAR processing in the Three Gorges region. , 2012, , .		1

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145	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
146	Tomosar and PS-InSAR analysis of high-rise buildings in Berlin. , 2012, , .		3
147	Removal of azimuth ambiguities and detection of a ship: using polarimetric airborne C-band SAR images. International Journal of Remote Sensing, 2012, 33, 3197-3210.	1.3	70
148	Landslide monitoring with high-resolution SAR data in the Three Gorges region. Science China Earth Sciences, 2012, 55, 590-601.	2.3	60
149	A novel over-segmentation method for polarimetric SAR images classification. , 2012, , .		7
150	A novel linear feature detector for SAR images. Eurasip Journal on Advances in Signal Processing, 2012, 2012, .	1.0	2
151	Satellite SAR geocoding with refined RPC model. ISPRS Journal of Photogrammetry and Remote Sensing, 2012, 69, 37-49.	4.9	29
152	SAR super resolution via multi-dictionary. , 2011, , .		3
153	Learning based decomposition for polarimetric SAR images. , 2011, , .		1
154	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
155	Rational function modeling for spaceborne SAR datasets. ISPRS Journal of Photogrammetry and Remote Sensing, 2011, 66, 133-145.	4.9	35
156	Deformation monitoring from high-resolution SAR images in Shanghai Pudong area. , 2011, , .		1
157	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
158	Investigation on compact polarimetry in SAR interferometry using CETC38 airborne data. , 2011, , .		0
159	InSAR Coherence-Decomposition Analysis. IEEE Geoscience and Remote Sensing Letters, 2010, 7, 156-160.	1.4	45
160	Building-damage detection using post-seismic high-resolution SAR satellite data. International Journal of Remote Sensing, 2010, 31, 3369-3391.	1.3	101
161	Building height extraction via a deterministic approach using a TerraSAR-X data stack. , 2010, , .		0
162	Polarimetric Characteristics Analysis of Ship Target and Its Azimuth Ambiguities Based on PolSAR Images. , 2010, , .		2

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163	RPC modeling for spaceborne SAR and its application in radargrammetry. , 2010, , .		3
164	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
165	Estimating urban impervious surface percentage with multi-source remote sensing data. , 2009, , .		6
166	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
167	Applications and Analyses of Satellite-borne L-band Synthetic Aperture Radar Data in Coastal Environments. Geography Compass, 2009, 3, 1465-1482.	1.5	2
168	Distance-limited filter for extracting ground points. Geo-Spatial Information Science, 2009, 12, 46-49.	2.4	0
169	Post-earthquake landslide detection and early detection of landslide prone areas using SAR. , 2009, , .		2
170	Ship detection from polarimetric sar images. , 2009, , .		8
171	Quantifying Sub-pixel Urban Impervious Surface through Fusion of Optical and InSAR Imagery. GIScience and Remote Sensing, 2009, 46, 161-171.	2.4	38
172	Using SAR Images to Detect Ships From Sea Clutter. IEEE Geoscience and Remote Sensing Letters, 2008, 5, 194-198.	1.4	118
173	Automatic relative radiometric normalization using iteratively weighted least square regression. International Journal of Remote Sensing, 2008, 29, 459-470.	1.3	20
174	Deformation Monitoring by Long Term D-InSAR Analysis in Three Gorges Area, China. , 2008, , .		6
175	A method for speckle reduction based on fractal net evolution segmentation approach. , 2008, , .		0
176	Urban Change Detection Based on Coherence and Intensity Characteristics of SAR Imagery. Photogrammetric Engineering and Remote Sensing, 2008, 74, 999-1006.	0.3	34
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