

Zhiwei Li

List of Publications by Year in descending order

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169
papers

5,187
citations

87723

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118652

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178
all docs

178
docs citations

178
times ranked

2955
citing authors

#	ARTICLE	IF	CITATIONS
1	Resolving three-dimensional surface displacements from InSAR measurements: A review. <i>Earth-Science Reviews</i> , 2014, 133, 1-17.	4.0	361
2	Mapping ground surface deformation using temporarily coherent point SAR interferometry: Application to Los Angeles Basin. <i>Remote Sensing of Environment</i> , 2012, 117, 429-439.	4.6	164
3	Slope deformation prior to Zhouqu, China landslide from InSAR time series analysis. <i>Remote Sensing of Environment</i> , 2015, 156, 45-57.	4.6	148
4	Glacier mass balance in the Qinghai-Tibet Plateau and its surroundings from the mid-1970s to 2000 based on Hexagon KH-9 and SRTM DEMs. <i>Remote Sensing of Environment</i> , 2018, 210, 96-112.	4.6	147
5	Atmospheric Effects on InSAR Measurements and Their Mitigation. <i>Sensors</i> , 2008, 8, 5426-5448.	2.1	139
6	Monitoring surface deformation over permafrost with an improved SBAS-InSAR algorithm: With emphasis on climatic factors modeling. <i>Remote Sensing of Environment</i> , 2016, 184, 276-287.	4.6	131
7	Slight glacier mass loss in the Karakoram region during the 1970s to 2000 revealed by KH-9 images and SRTM DEM. <i>Journal of Glaciology</i> , 2017, 63, 331-342.	1.1	96
8	3D coseismic Displacement of 2010 Darfield, New Zealand earthquake estimated from multi-aperture InSAR and D-InSAR measurements. <i>Journal of Geodesy</i> , 2012, 86, 1029-1041.	1.6	95
9	Coseismic fault slip of the 2008 M_w 7.9 Wenchuan earthquake estimated from InSAR and GPS measurements. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	94
10	Ground Subsidence Monitoring in Hong Kong with Satellite SAR Interferometry. <i>Photogrammetric Engineering and Remote Sensing</i> , 2004, 70, 1151-1156.	0.3	93
11	Deriving Dynamic Subsidence of Coal Mining Areas Using InSAR and Logistic Model. <i>Remote Sensing</i> , 2017, 9, 125.	1.8	92
12	Retrieving three-dimensional displacement fields of mining areas from a single InSAR pair. <i>Journal of Geodesy</i> , 2015, 89, 17-32.	1.6	84
13	Improved filtering parameter determination for the Goldstein radar interferogram filter. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2008, 63, 621-634.	4.9	83
14	Transpressional Rupture Cascade of the 2016 M_w 7.8 Kaikoura Earthquake, New Zealand. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2396-2409.	1.4	83
15	Coastal Subsidence Monitoring Associated with Land Reclamation Using the Point Target Based SBAS-InSAR Method: A Case Study of Shenzhen, China. <i>Remote Sensing</i> , 2016, 8, 652.	1.8	78
16	Time-series InSAR ground deformation monitoring: Atmospheric delay modeling and estimating. <i>Earth-Science Reviews</i> , 2019, 192, 258-284.	4.0	78
17	A Novel Multitemporal InSAR Model for Joint Estimation of Deformation Rates and Orbital Errors. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 3529-3540.	2.7	77
18	Use of SAR/InSAR in Mining Deformation Monitoring, Parameter Inversion, and Forward Predictions: A Review. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 2020, 8, 71-90.	4.9	72

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19	Geodetic model of the 2015 April 25 Mw 7.8 Gorkha Nepal Earthquake and Mw 7.3 aftershock estimated from InSAR and GPS data. <i>Geophysical Journal International</i> , 2015, 203, 896-900.	1.0	71
20	Toward full exploitation of coherent and incoherent information in Sentinel-1 TOPS data for retrieving surface displacement: Application to the 2016 Kumamoto (Japan) earthquake. <i>Geophysical Research Letters</i> , 2017, 44, 1758-1767.	1.5	68
21	InSAR analysis of surface deformation over permafrost to estimate active layer thickness based on one-dimensional heat transfer model of soils. <i>Scientific Reports</i> , 2015, 5, 15542.	1.6	66
22	InSAR-Based Model Parameter Estimation of Probability Integral Method and Its Application for Predicting Mining-Induced Horizontal and Vertical Displacements. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016, 54, 4818-4832.	2.7	64
23	Three-Dimensional Surface Displacements From InSAR and GPS Measurements With Variance Component Estimation. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2012, 9, 754-758.	1.4	62
24	Review of the SBAS InSAR Time-series algorithms, applications, and challenges. <i>Geodesy and Geodynamics</i> , 2022, 13, 114-126.	1.0	61
25	Correcting atmospheric effects on InSAR with MERIS water vapour data and elevation-dependent interpolation model. <i>Geophysical Journal International</i> , 2012, 189, 898-910.	1.0	60
26	Hybrid Approach for Unbiased Coherence Estimation for Multitemporal InSAR. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 2459-2473.	2.7	59
27	Deriving Spatio-Temporal Development of Ground Subsidence Due to Subway Construction and Operation in Delta Regions with PS-InSAR Data: A Case Study in Guangzhou, China. <i>Remote Sensing</i> , 2017, 9, 1004.	1.8	55
28	Kalman-Filter-Based Approach for Multisensor, Multitrack, and Multitemporal InSAR. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2013, 51, 4226-4239.	2.7	53
29	Inferring three-dimensional surface displacement field by combining SAR interferometric phase and amplitude information of ascending and descending orbits. <i>Science China Earth Sciences</i> , 2010, 53, 550-560.	2.3	48
30	3-D movement mapping of the alpine glacier in Qinghai-Tibetan Plateau by integrating D-InSAR, MAI and Offset-Tracking: Case study of the Dongkemadi Glacier. <i>Global and Planetary Change</i> , 2014, 118, 62-68.	1.6	48
31	A Method for Measuring 3-D Surface Deformations With InSAR Based on Strain Model and Variance Component Estimation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 239-250.	2.7	48
32	Modeling atmospheric effects on InSAR with meteorological and continuous GPS observations: algorithms and some test results. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2004, 66, 907-917.	0.6	47
33	Quantifying glacier mass change and its contribution to lake growths in central Kunlun during 2000–2015 from multi-source remote sensing data. <i>Journal of Hydrology</i> , 2019, 570, 38-50.	2.3	47
34	Pre- and post-failure spatial-temporal deformation pattern of the Baige landslide retrieved from multiple radar and optical satellite images. <i>Engineering Geology</i> , 2020, 279, 105880.	2.9	46
35	A Refined Strategy for Removing Composite Errors of SAR Interferogram. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014, 11, 143-147.	1.4	45
36	Locating and defining underground goaf caused by coal mining from space-borne SAR interferometry. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 135, 112-126.	4.9	43

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37	Early 21st century glacier thickness changes in the Central Tien Shan. <i>Remote Sensing of Environment</i> , 2017, 192, 12-29.	4.6	42
38	Least Squares-Based Filter for Remote Sensing Image Noise Reduction. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2008, 46, 2044-2049.	2.7	41
39	Modeling minimum and maximum detectable deformation gradients of interferometric SAR measurements. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2011, 13, 766-777.	1.4	39
40	Calibration of an InSAR-Derived Coseismic Deformation Map Associated With the 2011 Mw-9.0 Tohoku-Oki Earthquake. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2012, 9, 302-306.	1.4	39
41	An Extension of the InSAR-Based Probability Integral Method and Its Application for Predicting 3-D Mining-Induced Displacements Under Different Extraction Conditions. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 3835-3845.	2.7	38
42	Modeling of atmospheric effects on InSAR measurements by incorporating terrain elevation information. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2006, 68, 1189-1194.	0.6	37
43	Investigating mountain glacier motion with the method of SAR intensity-tracking: Removal of topographic effects and analysis of the dynamic patterns. <i>Earth-Science Reviews</i> , 2014, 138, 179-195.	4.0	37
44	Coseismic and Early Postseismic Slip Models of the 2021 Mw 7.4 Maduo Earthquake (Western China) Estimated by Space-Based Geodetic Data. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	36
45	Vertical and horizontal displacements of Los Angeles from InSAR and GPS time series analysis: Resolving tectonic and anthropogenic motions. <i>Journal of Geodynamics</i> , 2016, 99, 27-38.	0.7	35
46	Stochastic modeling for time series InSAR: with emphasis on atmospheric effects. <i>Journal of Geodesy</i> , 2018, 92, 185-204.	1.6	35
47	Retrieving 3-D Large Displacements of Mining Areas from a Single Amplitude Pair of SAR Using Offset Tracking. <i>Remote Sensing</i> , 2017, 9, 338.	1.8	34
48	Source parameters of the 2014 Mw 6.1 South Napa earthquake estimated from the Sentinel 1A, COSMO-SkyMed and GPS data. <i>Tectonophysics</i> , 2015, 655, 139-146.	0.9	32
49	Spatio-Temporal Error Sources Analysis and Accuracy Improvement in Landsat 8 Image Ground Displacement Measurements. <i>Remote Sensing</i> , 2016, 8, 937.	1.8	32
50	On the Accuracy of Topographic Residuals Retrieved by MTInSAR. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 1053-1065.	2.7	31
51	Deriving time-series three-dimensional displacements of mining areas from a single-geometry InSAR dataset. <i>Journal of Geodesy</i> , 2018, 92, 529-544.	1.6	31
52	Estimating three-dimensional coseismic deformations with the SM-VCE method based on heterogeneous SAR observations: Selection of homogeneous points and analysis of observation combinations. <i>Remote Sensing of Environment</i> , 2021, 255, 112298.	4.6	31
53	Interpolating atmospheric water vapor delay by incorporating terrain elevation information. <i>Journal of Geodesy</i> , 2011, 85, 555-564.	1.6	30
54	The potential of more accurate InSAR covariance matrix estimation for land cover mapping. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2017, 126, 120-128.	4.9	30

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55	Which Fault Segments Ruptured in the 2008 Wenchuan Earthquake and Which Did Not? New Evidence from Near-Fault 3D Surface Displacements Derived from SAR Image Offsets. <i>Bulletin of the Seismological Society of America</i> , 2017, 107, 1185-1200.	1.1	29
56	Source parameters and triggering links of the earthquake sequence in central Italy from 2009 to 2016 analyzed with GPS and InSAR data. <i>Tectonophysics</i> , 2018, 744, 285-295.	0.9	29
57	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
58	Atmospheric effects on repeat-pass InSAR measurements over Shanghai region. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2007, 69, 1344-1356.	0.6	28
59	An improved geodetic source model for the 1999 M_w 6.3 Chamoli earthquake, India. <i>Geophysical Journal International</i> , 2016, 205, 236-242.	1.0	28
60	An InSAR-Based Temporal Probability Integral Method and its Application for Predicting Mining-Induced Dynamic Deformations and Assessing Progressive Damage to Surface Buildings. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 472-484.	2.3	28
61	Derivation of 3-D coseismic surface displacement fields for the 2011 Mw 9.0 Tohoku-Oki earthquake from InSAR and GPS measurements. <i>Geophysical Journal International</i> , 2013, 192, 573-585.	1.0	27
62	Crosswind stability of high-speed trains in special cuts. <i>Journal of Central South University</i> , 2015, 22, 2849-2856.	1.2	27
63	Recent Landslide Movement in Tsaoling, Taiwan Tracked by TerraSAR-X/TanDEM-X DEM Time Series. <i>Remote Sensing</i> , 2017, 9, 353.	1.8	27
64	Deriving a time series of 3D glacier motion to investigate interactions of a large mountain glacial system with its glacial lake: Use of Synthetic Aperture Radar Pixel Offset-Small Baseline Subset technique. <i>Journal of Hydrology</i> , 2018, 559, 596-608.	2.3	27
65	Complete Three-Dimensional Coseismic Deformation Field of the 2016 Central Tottori Earthquake by Integrating Left- and Right-Looking InSAR Observations With the Improved SM-VCE Method. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 12099-12115.	1.4	27
66	Source parameters and slip distribution of the 2018 M 7.5 Palu, Indonesia earthquake estimated from space-based geodesy. <i>Tectonophysics</i> , 2019, 772, 228216.	0.9	27
67	Complete three-dimensional coseismic displacements due to the 2021 Maduo earthquake in Qinghai Province, China from Sentinel-1 and ALOS-2 SAR images. <i>Science China Earth Sciences</i> , 2022, 65, 687-697.	2.3	27
68	Pre- and co-seismic ground deformations of the 1999 Chi-Chi, Taiwan earthquake, measured with SAR interferometry. <i>Computers and Geosciences</i> , 2004, 30, 333-343.	2.0	26
69	Correcting ionospheric effects and monitoring two-dimensional displacement fields with multiple-aperture InSAR technology with application to the Yushu earthquake. <i>Science China Earth Sciences</i> , 2012, 55, 1961-1971.	2.3	26
70	Investigating the Ground Deformation and Source Model of the Yangbajing Geothermal Field in Tibet, China with the WLS InSAR Technique. <i>Remote Sensing</i> , 2016, 8, 191.	1.8	26
71	Understanding Land Subsidence Along the Coastal Areas of Guangdong, China, by Analyzing Multi-Track MTInSAR Data. <i>Remote Sensing</i> , 2020, 12, 299.	1.8	25
72	InSAR Coherence Estimation for Small Data Sets and Its Impact on Temporal Decorrelation Extraction. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 6584-6596.	2.7	24

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73	Displacement history and potential triggering factors of Baige landslides, China revealed by optical imagery time series. <i>Remote Sensing of Environment</i> , 2021, 254, 112253.	4.6	23
74	Shortcomings of InSAR for studying megathrust earthquakes: The case of the M _w 9.0 Tohoku-Oki earthquake. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	22
75	Advanced InSAR Tropospheric Corrections From Global Atmospheric Models that Incorporate Spatial Stochastic Properties of the Troposphere. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020952.	1.4	22
76	Potential of geosynchronous SAR interferometric measurements in estimating three-dimensional surface displacements. <i>Science China Information Sciences</i> , 2017, 60, 1.	2.7	21
77	Two-dimensional Co-Seismic Surface Displacements Field of the Chi-Chi Earthquake Inferred from SAR Image Matching. <i>Sensors</i> , 2008, 8, 6484-6495.	2.1	20
78	Spatial-temporal surface deformation of Los Angeles over 2003-2007 from weighted least squares DInSAR. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 21, 484-492.	1.4	20
79	Coseismic Deformation of the 2015 M _w 6.4 Pishan, China, Earthquake Estimated from Sentinel-1A and ALOS2 Data. <i>Seismological Research Letters</i> , 2016, 87, 800-806.	0.8	20
80	Estimation of 3-D Surface Displacement Based on InSAR and Deformation Modeling. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 2007-2016.	2.7	20
81	Geodetic glacier mass balance (1975-1999) in the central Pamir using the SRTM DEM and KH-9 imagery. <i>Journal of Glaciology</i> , 2019, 65, 309-320.	1.1	20
82	The joint driving effects of climate and weather changes caused the Chamoli glacier-rock avalanche in the high altitudes of the India Himalaya. <i>Science China Earth Sciences</i> , 2021, 64, 1909-1921.	2.3	20
83	Ground settlement of Chek Lap Kok Airport, Hong Kong, detected by satellite synthetic aperture radar interferometry. <i>Science Bulletin</i> , 2001, 46, 1778-1782.	1.7	19
84	Deriving surface motion of mountain glaciers in the Tuomuer-Khan Tengri Mountain Ranges from PALSAR images. <i>Global and Planetary Change</i> , 2013, 101, 61-71.	1.6	19
85	The Surge of the Hispar Glacier, Central Karakoram: SAR Flow Velocity Time Series and Thickness Changes. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018945.	1.4	19
86	Three-Dimensional Surface Displacements of the 8 January 2022 Mw6.7 Menyuan Earthquake, China from Sentinel-1 and ALOS-2 SAR Observations. <i>Remote Sensing</i> , 2022, 14, 1404.	1.8	19
87	The Improvement for Baran Phase Filter Derived From Unbiased InSAR Coherence. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2014, 7, 3002-3010.	2.3	18
88	Monitoring the land subsidence with persistent scatterer interferometry in Nansha District, Guangdong, China. <i>Natural Hazards</i> , 2015, 75, 2947-2964.	1.6	18
89	Continent-Wide 2-D Co-Seismic Deformation of the 2015 Mw 8.3 Illapel, Chile Earthquake Derived from Sentinel-1A Data: Correction of Azimuth Co-Registration Error. <i>Remote Sensing</i> , 2016, 8, 376.	1.8	18
90	An Alternative Method for Estimating 3-D Large Displacements of Mining Areas from a Single SAR Amplitude Pair Using Offset Tracking. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 3645-3656.	2.7	18

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91	Kinematic Parameter Inversion of the Slumgullion Landslide Using the Time Series Offset Tracking Method With UAVSAR Data. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8110-8124.	1.4	18
92	Effects of External Digital Elevation Model Inaccuracy on StaMPS-PS Processing: A Case Study in Shenzhen, China. <i>Remote Sensing</i> , 2017, 9, 1115.	1.8	17
93	Time-Series 3-D Mining-Induced Large Displacement Modeling and Robust Estimation From a Single-Geometry SAR Amplitude Data Set. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 3600-3610.	2.7	16
94	Filtering method for SAR interferograms with strong noise. <i>International Journal of Remote Sensing</i> , 2006, 27, 2991-3000.	1.3	15
95	Monitoring the Degradation of Island Permafrost Using Time-Series InSAR Technique: A Case Study of Heihe, China. <i>Sensors</i> , 2019, 19, 1364.	2.1	15
96	A New Weighting Method by Considering the Physical Characteristics of Atmospheric Turbulence and Decorrelation Noise in SBAS-InSAR. <i>Remote Sensing</i> , 2020, 12, 2557.	1.8	14
97	SAR Interferometric Baseline Refinement Based on Flat-Earth Phase without a Ground Control Point. <i>Remote Sensing</i> , 2020, 12, 233.	1.8	14
98	An Improved Method for Automatic Identification and Assessment of Potential Geohazards Based on MT-InSAR Measurements. <i>Remote Sensing</i> , 2021, 13, 3490.	1.8	14
99	Retrieving the displacements of the Hutubi (China) underground gas storage during 2003â€“2020 from multi-track InSAR. <i>Remote Sensing of Environment</i> , 2022, 268, 112768.	4.6	14
100	Improved Goldstein filter for InSAR noise reduction based on local SNR. <i>Journal of Central South University</i> , 2013, 20, 1896-1903.	1.2	13
101	Characterizing sudden geo-hazards in mountainous areas by D-InSAR with an enhancement of topographic error correction. <i>Natural Hazards</i> , 2015, 75, 2343-2356.	1.6	13
102	Subsidence Evolution of the Leizhou Peninsula, China, Based on InSAR Observation from 1992 to 2010. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 466.	1.3	13
103	Retrieving three-dimensional coseismic displacements of the 2008 Gaize, Tibet earthquake from multi-path interferometric phase analysis. <i>Natural Hazards</i> , 2014, 73, 1311-1322.	1.6	12
104	An Optimized Choice of UCPML to Truncate Lattices With Rotated Staggered Grid Scheme for Ground Penetrating Radar Simulation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 8695-8706.	2.7	12
105	Anisotropy of atmospheric delay in InSAR and its effect on InSAR atmospheric correction. <i>Journal of Geodesy</i> , 2019, 93, 241-265.	1.6	12
106	Kinematic Coregistration of Sentinel-1 TOPSAR Images Based on Sequential Least Squares Adjustment. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 3083-3093.	2.3	12
107	Investigating the Recent Surge in the Monomah Glacier, Central Kunlun Mountain Range with Multiple Sources of Remote Sensing Data. <i>Remote Sensing</i> , 2020, 12, 966.	1.8	12
108	The 3-D surface deformation, coseismic fault slip and after-slip of the 2010 Mw6.9 Yushu earthquake, Tibet, China. <i>Journal of Asian Earth Sciences</i> , 2016, 124, 260-268.	1.0	11

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109	Anomalous Glacier Changes in the Southeast of Tuomuer Khan Tengri Mountain Ranges, Central Tianshan. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 6840-6863.	1.2	11
110	Fusing adjacent-track InSAR datasets to densify the temporal resolution of time-series 3-D displacement estimation over mining areas with a prior deformation model and a generalized weighting least-squares method. <i>Journal of Geodesy</i> , 2020, 94, 1.	1.6	11
111	A Strain-Model Based InSAR Time Series Method and Its Application to The Geysers Geothermal Field, California. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021939.	1.4	11
112	Underlying topography extraction over forest areas from multi-baseline PolInSAR data. <i>Journal of Geodesy</i> , 2018, 92, 727-741.	1.6	10
113	Investigating the bias of TanDEM-X digital elevation models of glaciers on the Tibetan Plateau: impacting factors and potential effects on geodetic mass-balance measurements. <i>Journal of Glaciology</i> , 0, , 1-14.	1.1	10
114	A Novel Vessel Velocity Estimation Method Using Dual-Platform TerraSAR-X and TanDEM-X Full Polarimetric SAR Data in Pursuit Monostatic Mode. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 6130-6144.	2.7	9
115	An Improved Quadtree Sampling Method for InSAR Seismic Deformation Inversion. <i>Remote Sensing</i> , 2021, 13, 1678.	1.8	9
116	Estimation of subcanopy topography based on single-baseline TanDEM-X InSAR data. <i>Journal of Geodesy</i> , 2021, 95, 1.	1.6	9
117	Comparative Study of Empirical Tropospheric Models for the Hong Kong Region. <i>Survey Review</i> , 2008, 40, 328-341.	0.7	8
118	Coseismic slip distribution of 2009 L'Aquila earthquake derived from InSAR and GPS data. <i>Journal of Central South University</i> , 2012, 19, 244-251.	1.2	8
119	Improved fast mean shift algorithm for remote sensing image segmentation. <i>IET Image Processing</i> , 2015, 9, 389-394.	1.4	8
120	High-Resolution Three-Dimensional Displacement Retrieval of Mining Areas From a Single SAR Amplitude Pair Using the SPIKE Algorithm. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 3782-3793.	2.3	8
121	Mapping three-dimensional co-seismic surface deformations associated with the 2015 MW7.2 Murghab earthquake based on InSAR and characteristics of crustal strain. <i>Science China Earth Sciences</i> , 2018, 61, 1451-1466.	2.3	8
122	Spatially Heterogeneous Land Surface Deformation Data Fusion Method Based on an Enhanced Spatio-Temporal Random Effect Model. <i>Remote Sensing</i> , 2019, 11, 1084.	1.8	8
123	A Method for Surface Water Body Detection and DEM Generation With Multigeometry TanDEM-X Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 151-161.	2.3	8
124	Correction of Time-Varying Baseline Errors Based on Multibaseline Airborne Interferometric Data Without High-Precision DEMs. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 9307-9318.	2.7	8
125	Mapping Complete Three-Dimensional Ice Velocities by Integrating Multi-Baseline and Multi-Aperture InSAR Measurements: A Case Study of the Grove Mountains Area, East Antarctic. <i>Remote Sensing</i> , 2021, 13, 643.	1.8	8
126	Surface Displacement and Source Model Separation of the Two Strongest Earthquakes During the 2019 Ridgecrest Sequence: Insights From InSAR, GPS, and Optical Data. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	8

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127	Mitigation of time-series InSAR turbulent atmospheric phase noise: A review. <i>Geodesy and Geodynamics</i> , 2022, 13, 93-103.	1.0	8
128	The least-squares estimation of adjustment model constrained by some non-negative parameters. <i>Survey Review</i> , 2010, 42, 62-71.	0.7	7
129	Generalized functional model of maximum and minimum detectable deformation gradient for PALSAR interferometry. <i>Transactions of Nonferrous Metals Society of China</i> , 2014, 24, 824-832.	1.7	7
130	Blind thrust rupture of the 2015 Mw 6.4 Pishan earthquake in the Northwest Tibetan Plateau by joint inversion of InSAR and seismic data. <i>Journal of Asian Earth Sciences</i> , 2016, 132, 118-128.	1.0	7
131	Deriving 3-D Time-Series Ground Deformations Induced by Underground Fluid Flows with InSAR: Case Study of Sebei Gas Fields, China. <i>Remote Sensing</i> , 2017, 9, 1129.	1.8	7
132	Mapping ground displacement by a multiple phase difference-based InSAR approach: with stochastic model estimation and turbulent troposphere mitigation. <i>Journal of Geodesy</i> , 2019, 93, 1313-1333.	1.6	7
133	Block PS-InSAR ground deformation estimation for large-scale areas based on network adjustment. <i>Journal of Geodesy</i> , 2021, 95, 1.	1.6	7
134	Surface deformation evolution in the Pearl River Delta between 2006 and 2011 derived from the ALOS1/PALSAR images. <i>Earth, Planets and Space</i> , 2020, 72, .	0.9	7
135	Quantitative study of atmospheric effects in spaceborne InSAR measurements. <i>Central South University</i> , 2005, 12, 494-498.	0.5	6
136	Six years of land subsidence in shanghai revealed by JERS-1 SAR data. , 2007, , .		6
137	A new moving model test method for the measurement of aerodynamic drag coefficient of high-speed trains based on machine vision. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2018, 232, 1425-1436.	1.3	6
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