

# Antonio Pepe

## List of Publications by Year in descending order

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159  
papers

4,354  
citations

109321

35  
h-index

118850

62  
g-index

165  
all docs

165  
docs citations

165  
times ranked

3653  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Extension of the Minimum Cost Flow Algorithm for Phase Unwrapping of Multitemporal Differential SAR Interferograms. IEEE Transactions on Geoscience and Remote Sensing, 2006, 44, 2374-2383.	6.3	309
2	An Overview of the Small BAseLine Subset Algorithm: a DInSAR Technique for Surface Deformation Analysis. Pure and Applied Geophysics, 2007, 164, 637-661.	1.9	295
3	A Review of Interferometric Synthetic Aperture RADAR (InSAR) Multi-Track Approaches for the Retrieval of Earth's Surface Displacements. Applied Sciences (Switzerland), 2017, 7, 1264.	2.5	199
4	Gravity and magma induced spreading of Mount Etna volcano revealed by satellite radar interferometry. Geophysical Research Letters, 2004, 31, .	4.0	165
5	Geodetic model of the 2016 Central Italy earthquake sequence inferred from InSAR and GPS data. Geophysical Research Letters, 2017, 44, 6778-6787.	4.0	162
6	Deformation Time-Series Generation in Areas Characterized by Large Displacement Dynamics: The SAR Amplitude Pixel-Offset SBAS Technique. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 2752-2763.	6.3	148
7	Ground deformation and source geometry of the 24 August 2016 Amatrice earthquake (Central Italy) investigated through analytical and numerical modeling of DInSAR measurements and structural-geological data. Geophysical Research Letters, 2016, 43, 12,389.	4.0	124
8	The Parallel SBAS Approach for Sentinel-1 Interferometric Wide Swath Deformation Time-Series Generation: Algorithm Description and Products Quality Assessment. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 6259-6281.	6.3	119
9	Analysis of seven maternal polymorphisms of genes involved in homocysteine/folate metabolism and risk of Down syndrome offspring. Genetics in Medicine, 2006, 8, 409-416.	2.4	109
10	Potential and Limitations of Open Satellite Data for Flood Mapping. Remote Sensing, 2018, 10, 1673.	4.0	105
11	On the Generation of ERS/ENVISAT DInSAR Time-Series Via the SBAS Technique. IEEE Geoscience and Remote Sensing Letters, 2005, 2, 265-269.	3.1	99
12	A Quantitative Assessment of DInSAR Measurements of Interseismic Deformation: The Southern San Andreas Fault Case Study. Pure and Applied Geophysics, 2012, 169, 1463-1482.	1.9	97
13	Improved EMCF-SBAS Processing Chain Based on Advanced Techniques for the Noise-Filtering and Selection of Small Baseline Multi-Look DInSAR Interferograms. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4394-4417.	6.3	92
14	Volcanic spreading of Vesuvius, a new paradigm for interpreting its volcanic activity. Geophysical Research Letters, 2005, 32, .	4.0	86
15	Surface displacements associated with the L'Aquila 2009 Mw 6.3 earthquake (central Italy): New evidence from SBAS-DInSAR time series analysis. Geophysical Research Letters, 2010, 37, .	4.0	84
16	Analysis of Ground Deformation Detected Using the SBAS-DInSAR Technique in Umbria, Central Italy. Pure and Applied Geophysics, 2009, 166, 1425-1459.	1.9	83
17	From Previous C-Band to New X-Band SAR Systems: Assessment of the DInSAR Mapping Improvement for Deformation Time-Series Retrieval in Urban Areas. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 1973-1984.	6.3	79
18	DInSAR Analysis and Analytical Modeling of Mount Etna Displacements: The December 2018 Volcano-tectonic Crisis. Geophysical Research Letters, 2019, 46, 5817-5827.	4.0	73

#	ARTICLE	IF	CITATIONS
19	Integration of Optical and SAR Data for Burned Area Mapping in Mediterranean Regions. <i>Remote Sensing</i> , 2015, 7, 1320-1345.	4.0	69
20	The 2004â€“2006 uplift episode at Campi Flegrei caldera (Italy): Constraints from SBASâ€”InSAR ENVISAT data and Bayesian source inference. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	66
21	The Use of C-/X-Band Time-Gapped SAR Data and Geotechnical Models for the Study of Shanghaiâ€™s Ocean-Reclaimed Lands through the SBAS-DInSAR Technique. <i>Remote Sensing</i> , 2016, 8, 911.	4.0	63
22	Volcano Geodesy: Recent developments and future challenges. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 344, 1-12.	2.1	61
23	DInSAR-Based Detection of Land Subsidence and Correlation with Groundwater Depletion in Konya Plain, Turkey. <i>Remote Sensing</i> , 2017, 9, 83.	4.0	59
24	The 21 August 2017 Ischia (Italy) Earthquake Source Model Inferred From Seismological, GPS, and DInSAR Measurements. <i>Geophysical Research Letters</i> , 2018, 45, 2193-2202.	4.0	59
25	How second generation SAR systems are impacting the analysis of ground deformation. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2014, 28, 1-11.	2.8	55
26	SBAS-Based Satellite Orbit Correction for the Generation of DInSAR Time-Series: Application to RADARSAT-1 Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2011, 49, 5150-5165.	6.3	53
27	New insights into the 2012 Emilia (Italy) seismic sequence through advanced numerical modeling of ground deformation InSAR measurements. <i>Geophysical Research Letters</i> , 2013, 40, 1971-1977.	4.0	53
28	A Minimum Acceleration Approach for the Retrieval of Multiplatform InSAR Deformation Time Series. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 3883-3898.	4.9	52
29	Effect of the Vegetation Fire on Backscattering: An Investigation Based on Sentinel-1 Observations. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 4478-4492.	4.9	51
30	A DInSAR Investigation of the Ground Settlement Time Evolution of Ocean-Reclaimed Lands in Shanghai. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 1763-1781.	4.9	48
31	Gravityâ€”driven deformation of Tenerife measured by InSAR time series analysis. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	47
32	Long-term deformation analysis of historical buildings through the advanced SBAS-DInSAR technique: the case study of the city of Rome, Italy. <i>Journal of Geophysics and Engineering</i> , 2011, 8, S1-S12.	1.4	44
33	Magma and fluid migration at Yellowstone Caldera in the last three decades inferred from InSAR, leveling, and gravity measurements. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 2627-2647.	3.4	42
34	New Advances of the Extended Minimum Cost Flow Phase Unwrapping Algorithm for SBAS-DInSAR Analysis at Full Spatial Resolution. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2011, 49, 4062-4079.	6.3	40
35	Generation of long-term InSAR ground displacement time-series through a novel multi-sensor data merging technique: The case study of the Shanghai coastal area. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 154, 10-27.	11.1	40
36	Low cost, multiscale and multi-sensor application for flooded area mapping. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 1493-1516.	3.6	39

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37	Detachment depth revealed by rollover deformation: An integrated approach at Mount Etna. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	37
38	Stress transfer in the Lazufre volcanic area, central Andes. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	36
39	An Overview of the Small Baseline Subset Algorithm: A DInSAR Technique for Surface Deformation Analysis. , 2007, , 637-661.		34
40	SBAS-DInSAR Analysis of Very Extended Areas: First Results on a 60â€‰%000-\$\hbox{km}^2\$ Test Site. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2008, 5, 438-442.	3.1	32
41	Joint analysis of SAR interferometry and electrical resistivity tomography surveys for investigating ground deformation: the case-study of Satriano di Lucania (Potenza, Italy). <i>Engineering Geology</i> , 2006, 88, 260-273.	6.3	31
42	The Stripmapâ€‰ScanSAR SBAS Approach to Fill Gaps in Stripmap Deformation Time Series With ScanSAR Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2011, 49, 4788-4804.	6.3	29
43	Seismoâ€‰tectonic behavior of the Pernicana Fault System (Mt Etna): A gauge for volcano flank instability?. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 4398-4409.	3.4	29
44	The 2015â€‰2016 Ground Displacements of the Shanghai Coastal Area Inferred from a Combined COSMO-SkyMed/Sentinel-1 DInSAR Analysis. <i>Remote Sensing</i> , 2017, 9, 1194.	4.0	28
45	The Space-Borne SBAS-DInSAR Technique as a Supporting Tool for Sustainable Urban Policies: The Case of Istanbul Megacity, Turkey. <i>Remote Sensing</i> , 2015, 7, 16519-16536.	4.0	27
46	The role of thermo-rheological properties of the crust beneath Ischia Island (Southern Italy) in the modulation of the ground deformation pattern. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 344, 154-173.	2.1	27
47	The Multiple Aperture SAR Interferometry (MAI) Technique for the Detection of Large Ground Displacement Dynamics: An Overview. <i>Remote Sensing</i> , 2020, 12, 1189.	4.0	27
48	A simple solution to mitigate noise effects in time-redundant sequences of small baseline multi-look DInSAR interferograms. <i>Remote Sensing Letters</i> , 2013, 4, 609-618.	1.4	26
49	Long-term flood-hazard modeling for coastal areas using InSAR measurements and a hydrodynamic model: The case study of Lingang New City, Shanghai. <i>Journal of Hydrology</i> , 2019, 571, 593-604.	5.4	26
50	Change Detection Techniques with Synthetic Aperture Radar Images: Experiments with Random Forests and Sentinel-1 Observations. <i>Remote Sensing</i> , 2022, 14, 3323.	4.0	24
51	Volcanic structures investigation through SAR and seismic interferometric methods: The 2011â€‰2013 Campi Flegrei unrest episode. <i>Remote Sensing of Environment</i> , 2019, 234, 111440.	11.0	22
52	Surface deformation in the Abruzzi region, Central Italy, from multitemporal DInSAR analysis. <i>Geophysical Journal International</i> , 2009, 178, 1193-1197.	2.4	20
53	Capturing the fingerprint of Etna volcano activity in gravity and satellite radar data. <i>Scientific Reports</i> , 2013, 3, 3089.	3.3	20
54	Coseismic Stress and Strain Field Changes Investigation Through 3â€‰D Finite Element Modeling of DInSAR and GPS Measurements and Geological/Seismological Data: The L'Aquila (Italy) 2009 Earthquake Case Study. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 4193-4222.	3.4	20

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55	Source modelling of the 2015 Wolf volcano (Galpagos) eruption inferred from Sentinel 1-A DInSAR deformation maps and pre-eruptive ENVISAT time series. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 344, 246-256.	2.1	19
56	Aftershocks, groundwater changes and postseismic ground displacements related to pore pressure gradients: Insights from the 2012 Emilia-Romagna earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 5622-5638.	3.4	18
57	Modeling of ALOS and COSMO-SkyMed satellite data at Mt Etna: Implications on relation between seismic activation of the Pernicana fault system and volcanic unrest. <i>Remote Sensing of Environment</i> , 2012, 125, 64-72.	11.0	17
58	Possible coupling of Campi Flegrei and Vesuvius as revealed by InSAR time series, correlation analysis and time dependent modeling. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 280, 104-110.	2.1	17
59	Spaceborne Synthetic Aperture Radar Data Focusing on Multicore-Based Architectures. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016, 54, 4712-4731.	6.3	17
60	A region-growing technique to improve multi-temporal DInSAR interferogram phase unwrapping performance. <i>Remote Sensing Letters</i> , 2013, 4, 988-997.	1.4	15
61	Multichannel Phase Unwrapping: Problem Topology and Dual-Level Parallel Computational Model. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015, 53, 5774-5793.	6.3	14
62	Automatic and Systematic Sentinel-1 SBAS-DInSAR Processing Chain for Deformation Time-series Generation. <i>Procedia Computer Science</i> , 2016, 100, 1176-1180.	2.0	14
63	Evidence of a shallow persistent magmatic reservoir from joint inversion of gravity and ground deformation data: The 25th October 2013 Etna lava fountaining event. <i>Geophysical Research Letters</i> , 2016, 43, 3246-3253.	4.0	13
64	Theory and Statistical Description of the Enhanced Multi-Temporal InSAR (E-MTInSAR) Noise-Filtering Algorithm. <i>Remote Sensing</i> , 2019, 11, 363.	4.0	13
65	Multi-Temporal Small Baseline Interferometric SAR Algorithms: Error Budget and Theoretical Performance. <i>Remote Sensing</i> , 2021, 13, 557.	4.0	13
66	The Constrained-Network Propagation (C-NetP) Technique to Improve SBAS-DInSAR Deformation Time Series Retrieval. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015, 8, 4910-4921.	4.9	12
67	Finite element modelling of the 2015 Gorkha earthquake through the joint exploitation of DInSAR measurements and geologic-structural information. <i>Tectonophysics</i> , 2017, 714-715, 125-132.	2.2	12
68	Long-Term Continuously Updated Deformation Time Series From Multisensor InSAR in Xi'an, China From 2007 to 2021. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 7297-7309.	4.9	12
69	Long-term versus short-term deformation processes at Tenerife (Canary Islands). <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	11
70	On the Use of Weighted Least-Squares Approaches for Differential Interferometric SAR Analyses: The Weighted Adaptive Variable-Length (WAVE) Technique. <i>Sensors</i> , 2020, 20, 1103.	3.8	10
71	Recent advancements in multi-temporal methods applied to new generation SAR systems and applications in South America. <i>Journal of South American Earth Sciences</i> , 2021, 111, 103410.	1.4	10
72	Adaptive Multilooking of Multitemporal Differential SAR Interferometric Data Stack Using Directional Statistics. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 6706-6721.	6.3	10

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73	A MULTI-SOURCE DATA APPROACH FOR THE INVESTIGATION OF LAND SUBSIDENCE IN THE KONYA BASIN, TURKEY. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-3/W4, 129-135.	0.2	10
74	High Performance Computing in Satellite SAR Interferometry: A Critical Perspective. Remote Sensing, 2021, 13, 4756.	4.0	10
75	On the fractal dimension of the fallout deposits: A case study of the 79 A.D. Plinian eruption at Mt. Vesuvius. Journal of Volcanology and Geothermal Research, 2008, 177, 288-299.	2.1	9
76	An innovative region growing algorithm based on Minimum Cost Flow approach for Phase Unwrapping of full-resolution differential interferograms. , 2012, , .		8
77	Sentinel-1 results: SBAS-DInSAR processing chain developments and land subsidence analysis. , 2015, , .		8
78	On the Characterization and Forecasting of Ground Displacements of Ocean-Reclaimed Lands. Remote Sensing, 2020, 12, 2971.	4.0	8
79	Investigation of the ground displacement in Saint Petersburg, Russia, using multiple-track differential synthetic aperture radar interferometry. International Journal of Applied Earth Observation and Geoinformation, 2020, 87, 102050.	2.8	8
80	Atmospheric Phase Screen Compensation on Wrapped Ground-Based SAR Interferograms. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	8
81	Analysis of ground deformation using SBAS-DInSAR technique applied to COSMO-SkyMed images, the test case of Roma urban area. Proceedings of SPIE, 2012, , .	0.8	7
82	Unsupervised parallel SBAS-DInSAR chain for massive and systematic Sentinel-1 data processing. , 2016, , .		7
83	New insights on the 2012-2013 uplift episode at Fernandina Volcano (Galpagos). Geophysical Journal International, 2017, 211, 673-685.	2.4	7
84	A differential SAR interferometry approach for monitoring urban deformation phenomena. , 2003, , .		6
85	A Multigrid InSAR Technique for Joint Analyses at Single-Look and Multi-Look Scales. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	6
86	Changes of Chinese Coastal Regions Induced by Land Reclamation as Revealed through TanDEM-X DEM and InSAR Analyses. Remote Sensing, 2022, 14, 637.	4.0	6
87	On the Exploitation of Remote Sensing Technologies for the Monitoring of Coastal and River Delta Regions. Remote Sensing, 2022, 14, 2384.	4.0	6
88	A two-scale differential SAR interferometry approach for investigating earth surface deformations. , 0, , .		5
89	Large scale InSAR deformation time series: Phoenix and Houston case studies. , 0, , .		5
90	A space-time minimum cost flow phase unwrapping algorithm for the generation of persistent scatterers deformation time-series. , 2007, , .		5

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91	Exploitation of Copernicus Sentinels Data for Sensing Fire-Disturbed Vegetated Areas. , 2018, , .		5
92	Analysis of Groundwater Depletion/Inflation and Freeze-Thaw Cycles in the Northern Urumqi Region with the SBAS Technique and an Adjusted Network of Interferograms. Remote Sensing, 2021, 13, 2144.	4.0	5
93	Structural Controls Over the 2019 Ridgecrest Earthquake Sequence Investigated by High-Fidelity Elastic Models of 3D Velocity Structures. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021124.	3.4	5
94	Integrated Analysis of the Combined Risk of Ground Subsidence, Sea Level Rise, and Natural Hazards in Coastal and Delta River Regions. Remote Sensing, 2021, 13, 3431.	4.0	5
95	Near Real-Time InSAR Deformation Time Series Estimation With Modified Kalman Filter and Sequential Least Squares. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 2437-2448.	4.9	5
96	On the Generation of Late ERS Deformation Time Series Through Small Doppler and Baseline Subsets Differential SAR Interferograms. IEEE Geoscience and Remote Sensing Letters, 2011, 8, 238-242.	3.1	4
97	A Phase-Preserving Focusing Technique for TOPS Mode SAR Raw Data Based on Conventional Processing Methods. Sensors, 2019, 19, 3321.	3.8	4
98	A Minimum Curvature Combination Method for the Generation of Multi-platform DInSAR Deformation Time-Series. , 2015, , .		4
99	URBAN GEO BIG DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W14, 23-30.	0.2	4
100	The study of the deformation time evolution in coastal areas of Shanghai: A joint C/X-band SBAS-DInSAR analysis. , 2015, , .		3
101	Quantifying the effects of ground settlement on buildings by the exploitation of long term DINSAR time series: The case of Roma. , 2015, , .		3
102	Hybrid Stripmap-ScanSAR Interferometry: Extension to the X-Band COSMO-SkyMed Data. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 330-334.	3.1	3
103	Gical: Geo-Morphometric Inverse Cylindrical Method for Radiometric Calibration of Sar Images. , 2018, , .		3
104	Analysis of Ground Deformation Detected Using the SBAS-DInSAR Technique in Umbria, Central Italy. , 2009, , 1425-1459.		3
105	Comparative study of SAR interferometric phase filtering algorithms. , 2018, , .		3
106	SBAS-DInSAR time series in the last eighteen years at Mt. Etna volcano (Italy). , 2011, , .		2
107	A new SBAS-DInSAR approach based on a redundant set of small baseline interferograms. , 2012, , .		2
108	Integration of optical and SAR remotely sensed data for monitoring wildfires in Mediterranean forests. , 2012, , .		2

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109	Analysis of the SBAS-DInSAR displacement time-series accuracies retrieved in volcanic areas through the first and second generation sensor SAR data. , 2013, , .		2
110	A differential SAR interferometry (DInSAR) investigation of the deformation affecting the coastal reclaimed areas of the Shanghai megacity. , 2014, , .		2
111	Remote sensing of burned area: A fuzzy-based framework for joint processing of optical and microwave data. , 2015, , .		2
112	High-performance parallel computation of the multichannel phase unwrapping problem. , 2015, , .		2
113	Topological Characterization and Advanced Noise-Filtering Techniques for Phase Unwrapping of Interferometric Data Stacks. , 2016, , .		2
114	Satellite SAR Interferometry for Earth's Crust Deformation Monitoring and Geological Phenomena Analysis. , 0, , .		2
115	Polarimetric Sar Distortions Induced by Topography: an Analytical Formulation for Compensation in the Imaging Domain. , 2018, , .		2
116	The "Urban Geomatics for Bulk Information Generation, Data Assessment and Technology Awareness" Project: Detection, Representation and Analysis of the Urban Scenario Changes. , 2018, , .		2
117	Surface deformation of active volcanic areas retrieved with the SBAS-DInSAR technique: an overview. Annals of Geophysics, 2009, 51, .	1.0	2
118	The Correction of Phase Unwrapping Errors in Sequences of Multi-Temporal Differential SAR Interferograms. , 2020, , .		2
119	A space-time minimum cost flow phase unwrapping algorithm for the generation of DInSAR deformation time-series. , 0, , .		1
120	The SBAS-DInSAR technique as a tool for the observation of active volcanic areas: Results and future perspectives. , 2007, , .		1
121	RADARSAT-1 deformation time-series analysis based on the SBAS-DInSAR algorithm. , 2009, , .		1
122	New improvements of the extended minimum cost flow phase unwrapping for processing multitemporal full resolution interferograms. , 2011, , .		1
123	A full exploitation of the enhanced SBAS-DInSAR approach in volcanic and seismogenic areas. , 2013, , .		1
124	A segmented block processing approach to focus synthetic aperture radar data on multicore processors. , 2015, , .		1
125	Sentinel-1 TOPS data focusing based on a modified two-step processing approach. , 2017, , .		1
126	On the use of directional statistics for the adaptive spatial multi-looking of sequences of differential SAR interferograms. , 2017, , .		1



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127	Generation of Earth's Surface Three-Dimensional (3-D) Displacement Time-Series by Multiple-Platform SAR Data. , 0, , .		1
128	Monitoring Volcano Deformation from Space with Sentinel-1 Data for Civil Protection. , 2019, , .		1
129	An Adaptive Statistical Multi-grid DInSAR Technique for Studying Multi-scale Earth Surface Deformation Phenomena. , 2020, , .		1
130	VISUALIZATION OF BIG GEODATA: AN EXPERIMENT WITH DINSAR DEFORMATION TIME SERIES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W14, 135-141.	0.2	1
131	The Triplet Network Enhanced Spectral Diversity (T-NESD) Method for the Correction of TOPS Data Co-registration Errors for Non-Stationary Scenes. , 2021, , .		1
132	Potential inundated coastal area estimation in Shanghai with multi-platform SAR and altimetry data. , 2017, , .		1
133	Residual settlements detection of ocean reclaimed lands with multi-platform SAR time series and SBAS technique: a case study of Shanghai Pudong International Airport. , 2017, , .		1
134	MINERVA: an INSAR monitoring system for volcanic hazard. , 0, , .		0
135	Surface deformation analysis of the Campi Flegrei caldera, Italy, by exploiting the ENVISAT ASAR data with the SBAS-DInSAR technique. , 2007, , .		0
136	RADARSAT-1 deformation time-series generation by using the SBAS-DInSAR algorithm. , 2009, , .		0
137	Deformation in Hawaii's volcanoes obtained from a ScanSAR-to-stripmap Small BAseLine Subset technique. , 2010, , .		0
138	Full exploitation of the SBAS-DInSAR algorithm in active seismogenetic scenarios. , 2010, , .		0
139	Advances in the generation of deformation time series from SAR data sequences in areas affected by large dynamics. , 2010, , .		0
140	Analysis of the 1992&#x2013;2010 dynamic deformation affecting the Yellowstone Caldera. , 2011, , .		0
141	Cosmo-SkyMed AO projects - exploitation of fractal scattering models for Cosmo-SkyMed images interpretation. , 2012, , .		0
142	DInSAR deformation time series for monitoring urban areas: The impact of the second generation SAR systems. , 2012, , .		0
143	Long term deformation time series: 10 years of Earth observation through ENVISAT multi-mode ASAR sensor. , 2012, , .		0
144	A quantitative assessment of DInSAR Time series accuracy in volcanic areas: From the first to second generation SAR sensors. , 2012, , .		0

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145	Time series of SAR image fractal maps. , 2013, , .		0
146	Ground deformation associated with the 2012 Emilia (Northern Italy) seismic crisis retrieved through spaceborne SAR interferometry. , 2013, , .		0
147	Recent advancements of the Stripmap-ScanSAR differential SAR interferometry using X-band COSMO-SkyMed data. , 2015, , .		0
148	Accurate DInSAR stack coherence estimation exploiting phase statistics. , 2015, , .		0
149	DEM correction and mean surface displacement rate retrieval from a stack of wrapped multi-temporal DInSAR interferograms. , 2017, , .		0
150	Sentinel-1 data exploitation for automatic surface deformation time-series generation through the SBAS-DInSAR parallel processing chain. , 2017, , .		0
151	The Parallel SBAS-Dinsar Processing Chain for Massive Generation of Sentinel-1 Deformation Time-Series. , 2018, , .		0
152	Surface Deformation of the Shanghai Coastal Area Revealed by a Multi-Satellite Dinsar Investigation. , 2018, , .		0
153	The Deforming Etna Volcano Imaged Through SBAS-DInSAR Analysis: its Long Term Behaviour and the Recent Seismo-Volcanic Crisis of December 2018. , 2019, , .		0
154	Tropospheric Excess Path Delay Compensation on Wrapped Ground-Based SAR Interferograms. , 2021, , .		0
155	Analysis of deformation patterns through advanced DINSAR techniques in Istanbul megacity. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-7, 19-21.	0.2	0
156	A Parallel Computational Model for Multichannel Phase Unwrapping Problem. , 2015, , .		0
157	Processing Optical and SAR data for burned forests mapping: An integrated framework. , 2015, , .		0
158	A Generalized-SVD-Based Technique for Enhancing Performance of Multi-Temporal Dinsar Analyses: The Weighted Adaptive Variable-Length (Wave) Technique. , 2020, , .		0
159	EVALUATION OF DEM DERIVED BY REPEAT-PASS X-BAND STRIPMAP MODE PAZ DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B3-2022, 243-248.	0.2	0