Ivana Zinno

List of Publications by Year
in descending order

27 papers	813 citations	759233 12 h-index	888059 17 g-index
27 all docs	27 docs citations	27 times ranked	794 citing authors

#	Article	IF	Citations
1	SBAS-DInSAR Parallel Processing for Deformation Time-Series Computation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 3285-3296.	4.9	169
2	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
3	Magma injection beneath the urban area of Naples: a new mechanism for the 2012â€"2013 volcanic unrest at Campi Flegrei caldera. Scientific Reports, 2015, 5, 13100.	3.3	115
4	An On-Demand Web Tool for the Unsupervised Retrieval of Earthâ€™s Surface Deformation from SAR Data: The P-SBAS Service within the ESA G-POD Environment. Remote Sensing, 2015, 7, 15630-15650.	4.0	72
5	Large areas surface deformation analysis through a cloud computing P-SBAS approach for massive processing of DInSAR time series. Remote Sensing of Environment, 2017, 202, 3-17.	11.0	59
6	Automatic Generation of Sentinel-1 Continental Scale DInSAR Deformation Time Series through an Extended P-SBAS Processing Pipeline in a Cloud Computing Environment. Remote Sensing, 2020, 12, 2961.	4.0	44
7	SAR Imaging of Fractal Surfaces. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 630-644.	6.3	41
8	Combined Use of C- and X-Band SAR Data for Subsidence Monitoring in an Urban Area. Geosciences (Switzerland), 2017, 7, 21.	2.2	36
9	A First Assessment of the P-SBAS DInSAR Algorithm Performances Within a Cloud Computing Environment. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 4675-4686.	4.9	33
10	A Cloud Computing Solution for the Efficient Implementation of the P-SBAS DInSAR Approach. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 802-817.	4.9	27
11	Nation-wide mapping and classification of ground deformation phenomena through the spatial clustering of P-SBAS InSAR measurements: Italy case study. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 189, 1-22.	11.1	26
12	The Role of Resolution in the Estimation of Fractal Dimension Maps From SAR Data. Remote Sensing, 2018, 10, 9.	4.0	14
13	A Global Archive of Coseismic DInSAR Products Obtained Through Unsupervised Sentinel-1 Data Processing. Remote Sensing, 2020, 12, 3189.	4.0	10
14	Angle Independence Properties of Fractal Dimension Maps Estimated From SAR Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 1242-1253.	4.9	8
15	Resurgent uplift at large calderas and relationship to caldera-forming faults and the magma reservoir: New insights from the Neapolitan Yellow Tuff caldera (Italy). Journal of Volcanology and Geothermal Research, 2021, 411, 107183.	2.1	8
16	On the fractal nature of volcano morphology detected via SAR image analysis: the case of Sommaâ€"Vesuvius Volcanic Complex. European Journal of Remote Sensing, 2012, 45, 177-187.	3.5	7
17	COSMO-SkyMed AO projects - Use of high resolution SAR data for water resource management in semi arid regions. , 2012, , .		6
18	Fractal based filtering of SAR images. , 2010, , .		5

#	Article	IF	Citations
19	Fractal filtering applied to SAR images of urban areas. , 2011, , .		4
20	Automatic generation of co-seismic displacement maps by using Sentinel-1 interferometric SAR data. Procedia Computer Science, 2018, 138, 332-337.	2.0	4
21	COSMO-SkyMed AO projects - Buildings Feature Extraction from Single SAR Images. , 2012, , .		3
22	Fractal dimension estimation from fully polarimetric SAR data. , 2014, , .		2
23	Fractal maps dependence on SAR look angle. , 2012, , .		1
24	SAR image post-processing for the estimation of fractal parameters. , 2011, , .		0
25	Cosmo-SkyMed AO projects - exploitation of fractal scattering models for Cosmo-SkyMed images interpretation. , 2012, , .		0
26	Fractal dimension images from SAR images. , 2014, , .		0
27	Sentinel-1 data exploitation for automatic surface deformation time-series generation through the SBAS-DInSAR parallel processing chain. , 2017, , .		0