

Ivana Zinno

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	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
4	A Global Archive of Coseismic DInSAR Products Obtained Through Unsupervised Sentinel-1 Data Processing. Remote Sensing, 2020, 12, 3189.	4.0	10
5	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
6	Automatic generation of co-seismic displacement maps by using Sentinel-1 interferometric SAR data. Procedia Computer Science, 2018, 138, 332-337.	2.0	4
7	The Role of Resolution in the Estimation of Fractal Dimension Maps From SAR Data. Remote Sensing, 2018, 10, 9.	4.0	14
8	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
9	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
10	Sentinel-1 data exploitation for automatic surface deformation time-series generation through the SBAS-DInSAR parallel processing chain. , 2017, , .		0
11	Combined Use of C- and X-Band SAR Data for Subsidence Monitoring in an Urban Area. Geosciences (Switzerland), 2017, 7, 21.	2.2	36
12	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
13	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
14	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
15	Fractal dimension estimation from fully polarimetric SAR data. , 2014, , .		2
16	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
17	Fractal dimension images from SAR images. , 2014, , .		0
18	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

#	ARTICLE	IF	CITATIONS
19	COSMO-SkyMed AO projects - Use of high resolution SAR data for water resource management in semi arid regions. , 2012, , .		6
20	Fractal maps dependence on SAR look angle. , 2012, , .		1
21	COSMO-SkyMed AO projects - Buildings Feature Extraction from Single SAR Images. , 2012, , .		3
22	Cosmo-SkyMed AO projects - exploitation of fractal scattering models for Cosmo-SkyMed images interpretation. , 2012, , .		0
23	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
24	SAR Imaging of Fractal Surfaces. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 630-644.	6.3	41
25	Fractal filtering applied to SAR images of urban areas. , 2011, , .		4
26	SAR image post-processing for the estimation of fractal parameters. , 2011, , .		0
27	Fractal based filtering of SAR images. , 2010, , .		5