

# Mario Costantini

## List of Publications by Year in descending order

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16  
papers

637  
citations

1040056

9  
h-index

1281871

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g-index

17  
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17  
docs citations

17  
times ranked

666  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of surface deformations over the whole Italian territory by interferometric processing of ERS, Envisat and COSMO-SkyMed radar data. Remote Sensing of Environment, 2017, 202, 250-275.	11.0	130
2	Persistent Scatterer Pair Interferometry: Approach and Application to COSMO-SkyMed SAR Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 2869-2879.	4.9	79
3	A New Method for Identification and Analysis of Persistent Scatterers in Series of SAR Images. , 2008, , .		76
4	A General Formulation for Redundant Integration of Finite Differences and Phase Unwrapping on a Sparse Multidimensional Domain. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 758-768.	6.3	68
5	Landslide detection integrated system (LaDIS) based on in-situ and satellite SAR interferometry measurements. Catena, 2016, 137, 406-421.	5.0	55
6	Detection of Building and Infrastructure Instabilities by Automatic Spatiotemporal Analysis of Satellite SAR Interferometry Measurements. Remote Sensing, 2018, 10, 1816.	4.0	55
7	Semi-Automatic Identification and Pre-Screening of Geological Geotechnical Deformational Processes Using Persistent Scatterer Interferometry Datasets. Remote Sensing, 2019, 11, 1675.	4.0	49
8	New insights into earthquake precursors from InSAR. Scientific Reports, 2017, 7, 12035.	3.3	46
9	European Ground Motion Service (EGMS). , 2021, , .		20
10	A method for structural monitoring of multispan bridges using satellite InSAR data with uncertainty quantification and its pre-collapse application to the Albiano-Magra Bridge in Italy. Structural Health Monitoring, 2023, 22, 353-371.	7.5	17
11	Gravity-driven postseismic deformation following the Mw 6.3 2009 L'Aquila (Italy) earthquake. Scientific Reports, 2015, 5, 16558.	3.3	12
12	Multi-scale and block decomposition methods for finite difference integration and phase unwrapping of very large datasets in high resolution SAR interferometry. , 2012, , .		8
13	Ground deformations and building stability monitoring by COSMO-SkyMed PSP SAR interferometry: Results and validation with field measurements and surveys. , 2016, , .		8
14	Enhanced PSP SAR interferometry for analysis of weak scatterers and high definition monitoring of deformations over structures and natural terrains. , 2013, , .		6
15	Secondary Fault Activity of the North Anatolian Fault near Avcilar, Southwest of Istanbul: Evidence from SAR Interferometry Observations. Remote Sensing, 2016, 8, 846.	4.0	6
16	Remote Sensing and In-Situ Measurements for the Structural Monitoring of Historical Monuments: The Consoli Palace of Gubbio, Italy. Lecture Notes in Civil Engineering, 2021, , 119-128.	0.4	1