Giovanni Milillo

List of Publications by Year
in descending order

35 papers	**618** citations	1040056 **9** h-index

1125743
13 g-index

35 all docs	**35** docs citations	**35** times ranked	**639** citing authors

#	Article	IF	Citations
1	Reply to Lanari, R., et al. Comment on "Pre-Collapse Space Geodetic Observations of Critical Infrastructure: The Morandi Bridge, Genoa, Italy" by Milillo et al. (2019). Remote Sensing, 2020, 12, 4016.	4.0	10
2	Example Applications of Satellite Monitoring for Post-tunnelling Settlement Damage Assessment for the Crossrail Project in London. RILEM Bookseries, 2019, , 2225-2235.	0.4	1
3	Pre-Collapse Space Geodetic Observations of Critical Infrastructure: The Morandi Bridge, Genoa, Italy. Remote Sensing, 2019, 11, 1403.	4.0	108
4	Evaluation of InSAR monitoring data for post-tunnelling settlement damage assessment. Structural Control and Health Monitoring, 2019, 26, e2285.	4.0	63
5	Multitemporal SAR Data and 2D Hydrodynamic Model Flood Scenario Dynamics Assessment. ISPRS International Journal of Geo-Information, 2018, 7, 105.	2.9	24
6	Multi-Temporal InSAR Structural Damage Assessment: The London Crossrail Case Study. Remote Sensing, 2018, 10, 287.	4.0	97
7	Space geodetic monitoring of engineered structures: The ongoing destabilization of the Mosul dam, Iraq. Scientific Reports, 2016, 6, 37408.	3.3	83
8	Interferometric COSMO-SkyMed Spotlight DEM generation. , 2016, , .		1
9	Monitoring dam structural health from space: Insights from novel InSAR techniques and multi-parametric modeling applied to the Pertusillo dam Basilicata, Italy. International Journal of Applied Earth Observation and Geoinformation, 2016, 52, 221-229.	2.8	101
10	Spotlight COSMO-SkyMed DEM generation and validation. , 2016, , .		0
11	Structural health monitoring of engineered structures using a space-borne synthetic aperture radar multi-temporal approach: from cultural heritage sites to war zones. Proceedings of SPIE, 2016, , .	0.8	3
12	Adaptive sidelobe reduction in SAR and INSAR COSMO-SkyMed image processing. Proceedings of SPIE, 2016, , .	0.8	0
13	Extension of Wavenumber Domain Focusing for spotlight COSMO-SkyMed SAR Data. European Journal of Remote Sensing, 2015, 48, 49-70.	3.5	10
14	Accuracy of high resolution CSK interferometric Digital Elevation Models. , 2015, , .		2
15	Stop-and-go approximation effects on COSMO-SkyMed spotlight SAR data. , 2015, , .		4
16	COSMO-SkyMed multi-temporal SAR interferometry over liguria region for environmental monitoring and risk management. , 2015, , .		4
17	Enhancement on spotlight COSMO-SkyMed SAR products. , 2015, , .		0
18	On the geolocation accuracy of COSMO-SkyMed products. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
19	Rapid Imaging of Earthquake Ruptures with Combined Geodetic and Seismic Analysis. Procedia Technology, 2014, 16, 876-885.	1.1	9
20	Quantitative analysis of stripmap and spotlight SAR interferometry with COSMO-SkyMed constellation. , 2009, , .		3
21	From the expected scientific applications to the functional specifications, products and performance of the SABRINA missions. , 2008, , .		6
22	Evaluation of DEM-assisted SAR coregistration. , 2008, , .		7
23	High performance computing for vegetation parameters retrieval. , 2007, , .		0
24	SAR Time Domain Processors for Space Programs. , 2006, , .		0
25	The Application Image Coregistrator on Grid Technology. , 2006, , .		0
26	TD2D and TDEPAR Time Domain SAR Image Processors State of Art, Performance Evaluation and Comparisons. , 2006, , .		0
27	An XML architecture for high-performance web-based analysis of remote-sensing archives. Future Generation Computer Systems, 1999, 16, 91-100.	7.5	23
28	LANDSAT TM image forward/reverse scan banding: characterization and correction. International Journal of Remote Sensing, 1986, 7, 557-575.	2.9	11
29	Fmt Digital Signal Processing Techniques For Spaceborne Synthetic Aperture Radars. , 0, , .		5
30	A three-dimensional phase unwrapping algorithm for processing of multitemporal SAR interferometric measurements. , 0, , .		29
31	A novel approach for image segmentation. , 0, , .		4
32	SAR images co-registration parallel implementation. , 0, , .		3
33	COSMO-SkyMed SAR processing parallel implementation. , 0, , .		2
34	Analysis of algorithms for SAR data processing: an approach in the time domain. , 0, , .		3
35	The G-SDM (GRID for SPACE DATA MANAGEMENT) Project. , 0, , .		0