

Giovanni Milillo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5289212/publications.pdf>

Version: 2024-02-01

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	Pre-Collapse Space Geodetic Observations of Critical Infrastructure: The Morandi Bridge, Genoa, Italy. <i>Remote Sensing</i> , 2019, 11, 1403.	4.0	108
2	Monitoring dam structural health from space: Insights from novel InSAR techniques and multi-parametric modeling applied to the Pertusillo dam Basilicata, Italy. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 52, 221-229.	2.8	101
3	Multi-Temporal InSAR Structural Damage Assessment: The London Crossrail Case Study. <i>Remote Sensing</i> , 2018, 10, 287.	4.0	97
4	Space geodetic monitoring of engineered structures: The ongoing destabilization of the Mosul dam, Iraq. <i>Scientific Reports</i> , 2016, 6, 37408.	3.3	83
5	Evaluation of InSAR monitoring data for post-tunnelling settlement damage assessment. <i>Structural Control and Health Monitoring</i> , 2019, 26, e2285.	4.0	63
6	A three-dimensional phase unwrapping algorithm for processing of multitemporal SAR interferometric measurements. , 0, , .		29
7	Multitemporal SAR Data and 2D Hydrodynamic Model Flood Scenario Dynamics Assessment. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 105.	2.9	24
8	An XML architecture for high-performance web-based analysis of remote-sensing archives. <i>Future Generation Computer Systems</i> , 1999, 16, 91-100.	7.5	23
9	LANDSAT TM image forward/reverse scan banding: characterization and correction. <i>International Journal of Remote Sensing</i> , 1986, 7, 557-575.	2.9	11
10	Extension of Wavenumber Domain Focusing for spotlight COSMO-SkyMed SAR Data. <i>European Journal of Remote Sensing</i> , 2015, 48, 49-70.	3.5	10
11	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). <i>Remote Sensing</i> , 2020, 12, 4016.	4.0	10
12	Rapid Imaging of Earthquake Ruptures with Combined Geodetic and Seismic Analysis. <i>Procedia Technology</i> , 2014, 16, 876-885.	1.1	9
13	Evaluation of DEM-assisted SAR coregistration. , 2008, , .		7
14	From the expected scientific applications to the functional specifications, products and performance of the SABRINA missions. , 2008, , .		6
15	Fast Digital Signal Processing Techniques For Spaceborne Synthetic Aperture Radars. , 0, , .		5
16	A novel approach for image segmentation. , 0, , .		4
17	Stop-and-go approximation effects on COSMO-SkyMed spotlight SAR data. , 2015, , .		4
18	COSMO-SkyMed multi-temporal SAR interferometry over Liguria region for environmental monitoring and risk management. , 2015, , .		4

#	ARTICLE	IF	CITATIONS
19	SAR images co-registration parallel implementation. , 0, , .		3
20	Analysis of algorithms for SAR data processing: an approach in the time domain. , 0, , .		3
21	Quantitative analysis of stripmap and spotlight SAR interferometry with COSMO-SkyMed constellation. , 2009, , .		3
22	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
23	COSMO-SkyMed SAR processing parallel implementation. , 0, , .		2
24	Accuracy of high resolution CSK interferometric Digital Elevation Models. , 2015, , .		2
25	On the geolocation accuracy of COSMO-SkyMed products. , 2015, , .		2
26	Interferometric COSMO-SkyMed Spotlight DEM generation. , 2016, , .		1
27	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
28	The G-SDM (GRID for SPACE DATA MANAGEMENT) Project. , 0, , .		0
29	SAR Time Domain Processors for Space Programs. , 2006, , .		0
30	The Application Image Coregistrator on Grid Technology. , 2006, , .		0
31	TD2D and TDEPAR Time Domain SAR Image Processors State of Art, Performance Evaluation and Comparisons. , 2006, , .		0
32	High performance computing for vegetation parameters retrieval. , 2007, , .		0
33	Enhancement on spotlight COSMO-SkyMed SAR products. , 2015, , .		0
34	Spotlight COSMO-SkyMed DEM generation and validation. , 2016, , .		0
35	Adaptive sidelobe reduction in SAR and INSAR COSMO-SkyMed image processing. Proceedings of SPIE, 2016, , .	0.8	0