

Giovanna Venuti

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

374
citations

1040056

9
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

392
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitivity of some African heavy rainfall events to microphysics and planetary boundary layer schemes: Impacts on localised storms. Quarterly Journal of the Royal Meteorological Society, 2021, 147, 2448-2468.	2.7	1
2	On the Definition of the Strategy to Obtain Absolute InSAR Zenith Total Delay Maps for Meteorological Applications. Frontiers in Earth Science, 2020, 8, .	1.8	12
3	Excess Path Delays From Sentinel Interferometry to Improve Weather Forecasts. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3213-3228.	4.9	13
4	Joint Exploitation of SAR and GNSS for Atmospheric Phase Screens Retrieval Aimed at Numerical Weather Prediction Model Ingestion. Remote Sensing, 2020, 12, 654.	4.0	12
5	Statistical Comparison Between Different Approaches to GNSS Single-Frequency Data Processing for Meteorological Applications. Communications in Computer and Information Science, 2020, , 16-26.	0.5	1
6	Precipitable Water Vapor Content from GNSS/GPS: Validation Against Radiometric Retrievals, Atmospheric Sounding and ECMWF Model Outputs over a Test Area in Milan. Communications in Computer and Information Science, 2020, , 27-34.	0.5	2
7	Reconstructing Environmental Variables with Missing Field Data via End-to-End Machine Learning. Proceedings of the International Neural Networks Society, 2020, , 167-178.	0.6	1
8	The impact of relative and absolute GNSS positioning strategies on estimated coordinates and ZWD in the framework of meteorological applications. Applied Geomatics, 2019, 11, 25-38.	2.5	4
9	Effect of the ingestion in the WRF model of different Sentinel-derived and GNSS-derived products: analysis of the forecasts of a high impact weather event. European Journal of Remote Sensing, 2019, 52, 16-33.	3.5	16
10	A Synergistic Use of a High-Resolution Numerical Weather Prediction Model and High-Resolution Earth Observation Products to Improve Precipitation Forecast. Remote Sensing, 2019, 11, 2387.	4.0	35
11	Atmospheric Phase Screen in GEO-SAR: Estimation and Compensation. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 1668-1679.	6.3	33
12	Detection of water vapor time variations associated with heavy rain in northern Italy by geodetic and low-cost GNSS receivers. Earth, Planets and Space, 2018, 70, .	2.5	59
13	Ingestion of Sentinel-Derived Remote Sensing Products in Numerical Weather Prediction Models: First Results of the ESA Steam Project. , 2018, , .		2
14	The height datum problem and the role of satellite gravity models. Journal of Geodesy, 2013, 87, 15-22.	3.6	36
15	Tomographic reconstruction of wet and total refractivity fields from GNSS receiver networks. Advances in Space Research, 2011, 47, 898-912.	2.6	47
16	Mitigation of atmospheric delay in InSAR: The ESA Metawave project. , 2011, , .		10
17	The Bayesian detection of discontinuities in a polynomial regression and its application to the cycle-slip problem. Journal of Geodesy, 2008, 82, 527-542.	3.6	71
18	On the explicit determination of stability constants for linearized geodetic boundary value problems. Journal of Geodesy, 2008, 82, 909-916.	3.6	13