Martina Lagasio

List of Publications by Year
in descending order

20 papers	**216** citations	1307594 **7** h-index
32 all docs	**32** docs citations	**32** times ranked

1058476 **14** g-index

172 citing authors

#	Article	IF	Citations
1	SWING, The Score-Weighted Improved NowcastinG Algorithm: Description and Application. Water (Switzerland), 2022, 14, 2131.	2.7	3
2	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
3	The predictive capacity of the high resolution weather research and forecasting model: a year-long verification over Italy. Bulletin of Atmospheric Science and Technology, 2021, 2, 1.	0.9	9
4	HPC, Cloud and Big-Data Convergent Architectures: The LEXIS Approach. Advances in Intelligent Systems and Computing, 2020, , 200-212.	0.6	5
5	Meteorological OSSEs for New Zenith Total Delay Observations: Impact Assessment for the Hydroterra Geosynchronous Satellite on the October 2019 Genoa Event. Remote Sensing, 2020, 12, 3787.	4.0	6
6	Investigation of the Weather Conditions During the Collapse of the Morandi Bridge in Genoa on 14 August 2018 Using Field Observations and WRF Model. Atmosphere, 2020, 11, 724.	2.3	7
7	A hindcast study of the Piedmont 1994 flood: the CIMA Research Foundation hydro-meteorological forecasting chain. Bulletin of Atmospheric Science and Technology, 2020, 1, 297-318.	0.9	5
8	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
9	Analysis of Job Scheduling Techniques in a HPC Cluster Deployed in a Public Cloud. Advances in Intelligent Systems and Computing, 2020, , 886-895.	0.6	0
10	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
11	Predictive Capability of a High-Resolution Hydrometeorological Forecasting Framework Coupling WRF Cycling 3DVAR and Continuum. Journal of Hydrometeorology, 2019, 20, 1307-1337.	1.9	34
12	Characterizing Consecutive Flooding Events after the 2017 Mt. Salto Wildfires (Southern Italy): Hazard and Emergency Management Implications. Water (Switzerland), 2019, 11, 2663.	2.7	14
13	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
14	Assimilation and Direct Insertion of Sentinel Products in the WRF Weather Forecast Model. , 2019, , .		0
15	Observational and Modelling Study of a Major Downburst Event in Liguria: The 14 October 2016 Case. Atmosphere, 2019, 10, 788.	2.3	4
16	Performance of WRF Cloud Resolving Simulations with Data Assimilation on Public Cloud and HPC Environments. Advances in Intelligent Systems and Computing, 2019, , 161-171.	0.6	0
17	Ingestion of Sentinel-Derived Remote Sensing Products in Numerical Weather Prediction Models: First Results of the ESA Steam Project. , 2018, , .		2
18	Incorporating Sentinel-derived products into numerical weather models: the ESA STEAM project. , 2018, , .		0

#	Article	IF	Citations
19	Lightning Potential Index performances in multimicrophysical cloud-resolving simulations of a back-building mesoscale convective system: The Genoa 2014 event. Journal of Geophysical Research D: Atmospheres, 2017, 122, 4238-4257.	3.3	48
20	Implementation and performance analysis of the lightning potential index as a forecasting tool. , 2016, , .		6