

Rosa Claudia Torcasio

List of Publications by Year in descending order

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1040056

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23
all docs

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23
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210
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of quantitative precipitation forecast at the short range through lightning data assimilation. , 2022, , 661-688.		1
2	Lightning data assimilation in the WRF-ARW model for short-term rainfall forecasts of three severe storm cases in Italy. Atmospheric Research, 2021, 247, 105246.	4.1	12
3	Impact of Lightning Data Assimilation on the Short-Term Precipitation Forecast over the Central Mediterranean Sea. Remote Sensing, 2021, 13, 682.	4.0	19
4	Impact of Radar Reflectivity and Lightning Data Assimilation on the Rainfall Forecast and Predictability of a Summer Convective Thunderstorm in Southern Italy. Atmosphere, 2021, 12, 958.	2.3	7
5	Multi-instrumental Analysis of the Extreme Meteorological Event Occurred in Matera (Italy) on November 2019. Lecture Notes in Computer Science, 2021, , 140-154.	1.3	3
6	Evaluation of the Sensitivity of Mediane Ianos to Model Microphysics and Initial Conditions Using Satellite Measurements. Remote Sensing, 2021, 13, 4984.	4.0	15
7	Application of Lightning Data Assimilation for the 10 October 2018 Case Study over Sardinia. Atmosphere, 2020, 11, 541.	2.3	6
8	The Precipitation Structure of the Mediterranean Tropical-Like Cyclone Numa: Analysis of GPM Observations and Numerical Weather Prediction Model Simulations. Remote Sensing, 2019, 11, 1690.	4.0	33
9	The impact of lightning and radar reflectivity factor data assimilation on the very short-term rainfall forecasts of RAMS@ISAC: application to two case studies in Italy. Natural Hazards and Earth System Sciences, 2019, 19, 1839-1864.	3.6	30
10	Data assimilation of GPS-ZTD into the RAMS model through 3D-Var: preliminary results at the regional scale. Measurement Science and Technology, 2019, 30, 055801.	2.6	17
11	Comparison of hourly surface downwelling solar radiation estimated from MSGâ€™SEVIRI and forecast by the RAMS model with pyranometers over Italy. Atmospheric Measurement Techniques, 2017, 10, 2337-2352.	3.1	13
12	Three-model ensemble wind prediction in southern Italy. Annales Geophysicae, 2016, 34, 347-356.	1.6	1
13	Verification of a Real Time Weather Forecasting System in Southern Italy. Advances in Meteorology, 2015, 2015, 1-14.	1.6	10
14	A hydrodynamical model for covalent semiconductors with a generalized energy dispersion relation. European Journal of Applied Mathematics, 2014, 25, 255-276.	2.9	10
15	A Hydrodynamic Model for Covalent Semiconductors with Applications to GaN and SiC. Acta Applicandae Mathematicae, 2012, 122, 335.	1.0	19
16	Improvement of Solar and Wind forecasting in southern Italy through a multi-model approach: preliminary results. Advances in Science and Research, 0, 13, 69-73.	1.0	3
17	Pyrgi: analysis of possible climatic effects on a coastal archaeological site. Proceedings E Report, 0, , 17-27.	0.0	0