

# Mariassunta Viggiano

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8359943/publications.pdf>

Version: 2024-02-01

16  
papers

226  
citations

1040056

9  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

360  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of temporal resolution of meteorological inputs from reanalysis data in estimating air humidity for modelling applications. <i>Agricultural and Forest Meteorology</i> , 2021, 311, 108672.	4.8	2
2	3D-VAR Data Assimilation of SEVIRI Radiances for the Prediction of Solar Irradiance in Italy Using WRF Solar Mesoscale Model Preliminary Results. <i>Remote Sensing</i> , 2020, 12, 920.	4.0	7
3	Fog Forecast Using WRF Model Output for Solar Energy Applications. <i>Energies</i> , 2020, 13, 6140.	3.1	3
4	Convective Initiation Proxies for Nowcasting Precipitation Severity Using the MSG-SEVIRI Rapid Scan. <i>Remote Sensing</i> , 2020, 12, 2562.	4.0	4
5	Improvement of Hourly Surface Solar Irradiance Estimation Using MSG Rapid Scanning Service. <i>Remote Sensing</i> , 2019, 11, 66.	4.0	6
6	A new spatial modeling and interpolation approach for high-resolution temperature maps combining reanalysis data and ground measurements. <i>Agricultural and Forest Meteorology</i> , 2019, 276-277, 107590.	4.8	17
7	Nowcasting Surface Solar Irradiance with AMESIS via Motion Vector Fields of MSG-SEVIRI Data. <i>Remote Sensing</i> , 2018, 10, 845.	4.0	23
8	MiRTaW: An Algorithm for Atmospheric Temperature and Water Vapor Profile Estimation from ATMS Measurements Using a Random Forests Technique. <i>Remote Sensing</i> , 2018, 10, 1398.	4.0	9
9	Analysis of Livorno Heavy Rainfall Event: Examples of Satellite-Based Observation Techniques in Support of Numerical Weather Prediction. <i>Remote Sensing</i> , 2018, 10, 1549.	4.0	27
10	Downscaling of Satellite OPEMW Surface Rain Intensity Data. <i>Remote Sensing</i> , 2018, 10, 1763.	4.0	5
11	Improvement in Surface Solar Irradiance Estimation Using HRV/MSG Data. <i>Remote Sensing</i> , 2018, 10, 1288.	4.0	14
12	Fog Detection Based on Meteosat Second Generation-Spinning Enhanced Visible and InfraRed Imager High Resolution Visible Channel. <i>Remote Sensing</i> , 2018, 10, 541.	4.0	14
13	Downstream Services for Rice Crop Monitoring in Europe: From Regional to Local Scale. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 5423-5441.	4.9	37
14	The Role of Emissivity in the Detection of Arctic Night Clouds. <i>Remote Sensing</i> , 2017, 9, 406.	4.0	9
15	Analysis of Catania Flash Flood Case Study by Using Combined Microwave and Infrared Technique. <i>Journal of Hydrometeorology</i> , 2014, 15, 1989-1998.	1.9	31
16	Dust Detection and Optical Depth Retrieval Using MSG SEVIRI Data. <i>Atmosphere</i> , 2013, 4, 35-47.	2.3	18