Saverio Nilo

List of Publications by Year
in descending order

		1307594	1199594
14 papers	**136** citations	**7** h-index	**12** g-index
17 all docs	**17** docs citations	**17** times ranked	**187** citing authors

#	Article	IF	Citations
1	Analysis of Livorno Heavy Rainfall Event: Examples of Satellite-Based Observation Techniques in Support of Numerical Weather Prediction. Remote Sensing, 2018, 10, 1549.	4.0	27
2	Nowcasting Surface Solar Irradiance with AMESIS via Motion Vector Fields of MSG-SEVIRI Data. Remote Sensing, 2018, 10, 845.	4.0	23
3	Improvement in Surface Solar Irradiance Estimation Using HRV/MSG Data. Remote Sensing, 2018, 10, 1288.	4.0	14
4	Fog Detection Based on Meteosat Second Generation-Spinning Enhanced Visible and InfraRed Imager High Resolution Visible Channel. Remote Sensing, 2018, 10, 541.	4.0	14
5	RTTOV-gb v1.0 â€" updates on sensors, absorption models, uncertainty, and availability. Geoscientific Model Development, 2019, 12, 1833-1845.	3.6	11
6	The Role of Emissivity in the Detection of Arctic Night Clouds. Remote Sensing, 2017, 9, 406.	4.0	9
7	MiRTaW: An Algorithm for Atmospheric Temperature and Water Vapor Profile Estimation from ATMS Measurements Using a Random Forests Technique. Remote Sensing, 2018, 10, 1398.	4.0	9
8	3D-VAR Data Assimilation of SEVIRI Radiances for the Prediction of Solar Irradiance in Italy Using WRF Solar Mesoscale Modelâ€"Preliminary Results. Remote Sensing, 2020, 12, 920.	4.0	7
9	Improvement of Hourly Surface Solar Irradiance Estimation Using MSG Rapid Scanning Service. Remote Sensing, 2019, 11, 66.	4.0	6
10	Downscaling of Satellite OPEMW Surface Rain Intensity Data. Remote Sensing, 2018, 10, 1763.	4.0	5
11	Convective Initiation Proxies for Nowcasting Precipitation Severity Using the MSG-SEVIRI Rapid Scan. Remote Sensing, 2020, 12, 2562.	4.0	4
12	Fog Forecast Using WRF Model Output for Solar Energy Applications. Energies, 2020, 13, 6140.	3.1	3
13	Improving atmospheric path attenuation estimates for radio propagation applications by microwave radiometric profiling. Atmospheric Measurement Techniques, 2021, 14, 2737-2748.	3.1	2
14	The role of temporal resolution of meteorological inputs from reanalysis data in estimating air humidity for modelling applications. Agricultural and Forest Meteorology, 2021, 311, 108672.	4.8	2