

# Daniela Meloni

## List of Publications by Year in descending order

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28  
papers

727  
citations

623734

14  
h-index

552781

26  
g-index

31  
all docs

31  
docs citations

31  
times ranked

961  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | On the Radiative Impact of Biomass-Burning Aerosols in the Arctic: The August 2017 Case Study. Remote Sensing, 2022, 14, 313.   | 4.0 | 10        |
| 2  | Factors controlling atmospheric DMS and its oxidation products (MSA and Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (nssSO<sub>4</sub> Chemistry and Physics, 2022, 22, 9245-9263.  | 4.9 | 6         |
| 3  | Air-Sea Interaction in the Central Mediterranean Sea: Assessment of Reanalysis and Satellite Observations. Remote Sensing, 2021, 13, 2188.  | 4.0 | 5         |
| 4  | Variability and trends in surface solar spectral ultraviolet irradiance in Italy: on the influence of geopotential height and lower-stratospheric ozone. Atmospheric Chemistry and Physics, 2021, 21, 18689-18705.  | 4.9 | 9         |
| 5  | New insights on metals in the Arctic aerosol in a climate changing world. Science of the Total Environment, 2020, 741, 140511.  | 8.0 | 10        |
| 6  | European Radiometry Buoy and Infrastructure (EURYBIA): A Contribution to the Design of the European Copernicus Infrastructure for Ocean Colour System Vicarious Calibration. Remote Sensing, 2020, 12, 1178.  | 4.0 | 9         |
| 7  | Biogenic Aerosol in the Arctic from Eight Years of MSA Data from Ny-Ålesund (Svalbard Islands) and Thule (Greenland). Atmosphere, 2019, 10, 349.  | 2.3 | 17        |
| 8  | Assessing the Quality of Shortwave and Longwave Irradiance Observations over the Ocean: One Year of High-Time-Resolution Measurements at the Lampedusa Oceanographic Observatory. Journal of Atmospheric and Oceanic Technology, 2019, 36, 2383-2400.                             | 1.3 | 7         |
| 9  | Determining the infrared radiative effects of Saharan dust: a radiative transfer modelling study based on vertically resolved measurements at Lampedusa. Atmospheric Chemistry and Physics, 2018, 18, 4377-4401.  | 4.9 | 25        |
| 10 | A long-term time series of global and diffuse photosynthetically active radiation in the Mediterranean: interannual variability and cloud effects. Atmospheric Chemistry and Physics, 2018, 18, 7985-8000.  | 4.9 | 14        |
| 11 | The impact of Mount Etna sulfur emissions on the atmospheric composition and aerosol properties in the central Mediterranean: A statistical analysis over the period 2000-2013 based on observations and Lagrangian modelling. Atmospheric Environment, 2017, 148, 77-88.         | 4.1 | 35        |
| 12 | Constraining the ship contribution to the aerosol of the central Mediterranean. Atmospheric Chemistry and Physics, 2017, 17, 2067-2084.   | 4.9 | 59        |
| 13 | Consistency of dimensional distributions and refractive indices of desert dust measured over Lampedusa with IASI radiances. Atmospheric Measurement Techniques, 2017, 10, 599-615.  | 3.1 | 21        |
| 14 | Determination of global and diffuse photosynthetically active radiation from a multifilter shadowband radiometer. Applied Optics, 2016, 55, 8280.   | 2.1 | 6         |
| 15 | Synergistic use of Lagrangian dispersion and radiative transfer modelling with satellite and surface remote sensing measurements for the investigation of volcanic plumes: the Mount Etna eruption of 25-27 October 2013. Atmospheric Chemistry and Physics, 2016, 16, 6841-6861. | 4.9 | 31        |
| 16 | Global and Mediterranean climate change: a short summary. Annali Dell'Istituto Superiore Di Sanita, 2016, 52, 325-337.  | 0.4 | 10        |
| 17 | On the complexity of the boundary layer structure and aerosol vertical distribution in the coastal Mediterranean regions: a case study. Tellus, Series B: Chemical and Physical Meteorology, 2015, 67, 27721.   | 1.6 | 13        |
| 18 | Empirical correction of multifilter rotating shadowband radiometer (MFRSR) aerosol optical depths for the aerosol forward scattering and development of a long-term integrated MFRSR-Cimel dataset at Lampedusa. Applied Optics, 2015, 54, 2725.                                  | 1.8 | 23        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Vertical resolved aerosol characterization during the GAMARF campaign: Aerosol size distribution and radiative properties. , 2013, , .  |     | 1         |
| 20 | Vertical profiles of shortwave and longwave aerosol direct radiative forcing during the GAMARF campaign at Lampedusa Island. , 2013, , .  |     | 1         |
| 21 | Accounting for the Solar Radiation Influence on Downward Longwave Irradiance Measurements by Pyrometers. Journal of Atmospheric and Oceanic Technology, 2012, 29, 1629-1643.  | 1.3 | 22        |
| 22 | Experimental determination of cloud influence on the spectral UV irradiance and implications for biological effects. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 1739-1746.   | 1.6 | 32        |
| 23 | Large aerosol effects on ozone photolysis in the Mediterranean. Atmospheric Environment, 2011, 45, 3937-3943.   | 4.1 | 36        |
| 24 | Large atmospheric shortwave radiative forcing by Mediterranean aerosols derived from simultaneous ground-based and spaceborne observations and dependence on the aerosol type and single scattering albedo. Journal of Geophysical Research, 2010, 115, . | 3.3 | 81        |
| 25 | Measurements of Mediterranean aerosol radiative forcing and influence of the single scattering albedo. Journal of Geophysical Research, 2009, 114, .  | 3.3 | 72        |
| 26 | Determination of ultraviolet cosine-corrected irradiances and aerosol optical thickness by combined measurements with a Brewer spectrophotometer and a multifilter rotating shadowband radiometer. Applied Optics, 2008, 47, 6142.                        | 2.1 | 13        |
| 27 | Influence of the vertical profile of Saharan dust on the visible direct radiative forcing. Journal of Quantitative Spectroscopy and Radiative Transfer, 2005, 93, 397-413.  | 2.3 | 119       |
| 28 | Solar UV Dose Patterns in Italy. Photochemistry and Photobiology, 2000, 71, 681.  | 2.5 | 39        |