

Daniela Meloni

List of Publications by Year in descending order

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Version: 2024-02-01

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	Influence of the vertical profile of Saharan dust on the visible direct radiative forcing. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2005, 93, 397-413.	2.3	119
2	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. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	81
3	Measurements of Mediterranean aerosol radiative forcing and influence of the single scattering albedo. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	72
4	Constraining the ship contribution to the aerosol of the central Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2067-2084.	4.9	59
5	Solar UV Dose Patterns in Italy. <i>Photochemistry and Photobiology</i> , 2000, 71, 681.	2.5	39
6	Large aerosol effects on ozone photolysis in the Mediterranean. <i>Atmospheric Environment</i> , 2011, 45, 3937-3943.	4.1	36
7	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. <i>Atmospheric Environment</i> , 2017, 148, 77-88.	4.1	35
8	Experimental determination of cloud influence on the spectral UV irradiance and implications for biological effects. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011, 73, 1739-1746.	1.6	32
9	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. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 6841-6861.	4.9	31
10	Determining the infrared radiative effects of Saharan dust: a radiative transfer modelling study based on vertically resolved measurements at Lampedusa. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 4377-4401.	4.9	25
11	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. <i>Applied Optics</i> , 2015, 54, 2725.	1.8	23
12	Accounting for the Solar Radiation Influence on Downward Longwave Irradiance Measurements by Pyrgeometers. <i>Journal of Atmospheric and Oceanic Technology</i> , 2012, 29, 1629-1643.	1.3	22
13	Consistency of dimensional distributions and refractive indices of desert dust measured over Lampedusa with IASI radiances. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 599-615.	3.1	21
14	Biogenic Aerosol in the Arctic from Eight Years of MSA Data from Ny Ålesund (Svalbard Islands) and Thule (Greenland). <i>Atmosphere</i> , 2019, 10, 349.	2.3	17
15	A long-term time series of global and diffuse photosynthetically active radiation in the Mediterranean: interannual variability and cloud effects. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 7985-8000.	4.9	14
16	Determination of ultraviolet cosine-corrected irradiances and aerosol optical thickness by combined measurements with a Brewer spectrophotometer and a multifilter rotating shadowband radiometer. <i>Applied Optics</i> , 2008, 47, 6142.	2.1	13
17	On the complexity of the boundary layer structure and aerosol vertical distribution in the coastal Mediterranean regions: a case study. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2015, 67, 27721.	1.6	13
18	New insights on metals in the Arctic aerosol in a climate changing world. <i>Science of the Total Environment</i> , 2020, 741, 140511.	8.0	10

#	ARTICLE	IF	CITATIONS
19	Global and Mediterranean climate change: a short summary. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2016, 52, 325-337.	0.4	10
20	On the Radiative Impact of Biomass-Burning Aerosols in the Arctic: The August 2017 Case Study. <i>Remote Sensing</i> , 2022, 14, 313.	4.0	10
21	European Radiometry Buoy and Infrastructure (EURYBIA): A Contribution to the Design of the European Copernicus Infrastructure for Ocean Colour System Vicarious Calibration. <i>Remote Sensing</i> , 2020, 12, 1178.	4.0	9
22	Variability and trends in surface solar spectral ultraviolet irradiance in Italy: on the influence of geopotential height and lower-stratospheric ozone. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 18689-18705.	4.9	9
23	Assessing the Quality of Shortwave and Longwave Irradiance Observations over the Ocean: One Year of High-Time-Resolution Measurements at the Lampedusa Oceanographic Observatory. <i>Journal of Atmospheric and Oceanic Technology</i> , 2019, 36, 2383-2400.	1.3	7
24	Determination of global and diffuse photosynthetically active radiation from a multifilter shadowband radiometer. <i>Applied Optics</i> , 2016, 55, 8280.	2.1	6
25	Factors controlling atmospheric DMS and its oxidation products (MSA and Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (nss50). <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 9245-9263.	4.9	6
26	Air-Sea Interaction in the Central Mediterranean Sea: Assessment of Reanalysis and Satellite Observations. <i>Remote Sensing</i> , 2021, 13, 2188.	4.0	5
27	Vertical resolved aerosol characterization during the GAMARF campaign: Aerosol size distribution and radiative properties. , 2013, , .		1
28	Vertical profiles of shortwave and longwave aerosol direct radiative forcing during the GAMARF campaign at Lampedusa Island. , 2013, , .		1