

Fabio Madonna

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

573
citations

759233

12
h-index

677142

22
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50
all docs

50
docs citations

50
times ranked

902
citing authors

#	ARTICLE	IF	CITATIONS
1	The New Radiosounding HARMONIZATION (RHARM) Data Set of Homogenized Radiosounding Temperature, Humidity, and Wind Profiles With Uncertainties. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	10
2	Mineralogy Sensitive Immersion Freezing Parameterization in DREAM. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	3
3	Discussion on “a combined estimate of global temperature”. <i>Environmetrics</i> , 2022, 33, .	1.4	1
4	Intercomparison of Vaisala RS92 and RS41 Radiosonde Temperature Sensors under Controlled Laboratory Conditions. <i>Atmosphere</i> , 2022, 13, 773.	2.3	1
5	Sensitivity of trends to estimation methods and quantification of subsampling effects in global radiosounding temperature and humidity time series. <i>International Journal of Climatology</i> , 2021, 41, E1992.	3.5	11
6	Assessment of Trends and Uncertainties in the Atmospheric Boundary Layer Height Estimated Using Radiosounding Observations over Europe. <i>Atmosphere</i> , 2021, 12, 301.	2.3	13
7	Use of automatic radiosonde launchers to measure temperature and humidity profiles from the GRUAN perspective. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 3621-3649.	3.1	16
8	Intercomparison of aerosol measurements performed with multi-wavelength Raman lidars, automatic lidars and ceilometers in the framework of INTERACT-II campaign. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 2459-2475.	3.1	18
9	Vertically Resolved Precipitation Intensity Retrieved through a Synergy between the Ground-Based NASA MPLNET Lidar Network Measurements, Surface Disdrometer Datasets and an Analytical Model Solution. <i>Remote Sensing</i> , 2018, 10, 1102.	4.0	27
10	The lesson learnt during interact - I and INTERACT - II actris measurement campaigns. <i>EPJ Web of Conferences</i> , 2018, 176, 11002.	0.3	1
11	Impact of varying lidar measurement and data processing techniques in evaluating cirrus cloud and aerosol direct radiative effects. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 1639-1651.	3.1	34
12	Making better sense of the mosaic of environmental measurement networks: a “system-of-systems” approach and quantitative assessment. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2017, 6, 453-472.	1.6	23
13	Study of Droplet Activation in Thin Clouds Using Ground-Based Raman Lidar and Ancillary Remote Sensors. <i>EPJ Web of Conferences</i> , 2016, 119, 16008.	0.3	1
14	EARLINET Single Calculus Chain “ technical ” Part 2: Calculation of optical products. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 3009-3029.	3.1	68
15	Cloud ice caused by atmospheric mineral dust “ Part 1: Parameterization of ice nuclei concentration in the NMME-DREAM model. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11367-11378.	4.9	27
16	Effective resolution concepts for lidar observations. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 5157-5176.	3.1	25
17	Statistical modelling of collocation uncertainty in atmospheric thermodynamic profiles. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 1803-1816.	3.1	23
18	Quantifying the value of redundant measurements at GCOS Reference Upper-Air Network sites. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 3813-3823.	3.1	7

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19	What is the benefit of ceilometers for aerosol remote sensing? An answer from EARLINET. Atmospheric Measurement Techniques, 2014, 7, 1979-1997.	3.1	143
20	Study of thin clouds at CNR-IMAA Atmospheric Observatory (CIAO). Annals of Geophysics, 2014, , .	1.0	3
21	Four-dimensional distribution of the 2010 Eyjafjallajökull volcanic cloud over Europe observed by EARLINET. Atmospheric Chemistry and Physics, 2013, 13, 4429-4450.	4.9	95
22	Mid-tropospheric supercooled liquid water observation consistent with nucleation induced by a mountain lee wave. Geophysical Research Letters, 2009, 36, .	4.0	7