

C Di Biagio

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

661
citations

933447

10
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

1411
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a Better Surface Radiation Budget Analysis Over Sea Ice in the High Arctic Ocean: A Comparative Study Between Satellite, Reanalysis, and local-scale Observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD032555.	3.3	15
2	Direct Radiative Effect by Mineral Dust Aerosols Constrained by New Microphysical and Spectral Optical Data. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086186.	4.0	49
3	IAOS Observations of Aerosols and Clouds in the High Arctic by Autonomous Drifting Lidar Platforms. <i>EPJ Web of Conferences</i> , 2020, 237, 05007.	0.3	0
4	Sources, Load, Vertical Distribution, and Fate of Wintertime Aerosols North of Svalbard From Combined V4 CALIOP Data, Ground-based IAOS Lidar Observations and Trajectory Analysis. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 1363-1383.	3.3	19
5	Relationships linking primary production, sea ice melting, and biogenic aerosol in the Arctic. <i>Atmospheric Environment</i> , 2016, 136, 1-15.	4.1	66
6	Dust aerosol radiative effects during summer 2012 simulated with a coupled regional aerosol-atmosphere-ocean model over the Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 3303-3326.	4.9	93
7	Laboratory chamber measurements of the longwave extinction spectra and complex refractive indices of African and Asian mineral dusts. <i>Geophysical Research Letters</i> , 2014, 41, 6289-6297.	4.0	27
8	Variability of the infrared complex refractive index of African mineral dust: experimental estimation and implications for radiative transfer and satellite remote sensing. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 11093-11116.	4.9	51
9	Effect of surface albedo, water vapour, and atmospheric aerosols on the cloud-free shortwave radiative budget in the Arctic. <i>Climate Dynamics</i> , 2012, 39, 953-969.	3.8	20
10	Shortwave and longwave radiative effects of the intense Saharan dust event of 25-26 March 2010 at Lampedusa (Mediterranean Sea). <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	69
11	Atmospheric Brown Clouds in the Himalayas: first two years of continuous observations at the Nepal Climate Observatory-Pyramid (5079 m). <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 7515-7531.	4.9	252