

Victoria E Cachorro

List of Publications by Year in descending order

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31
papers

563
citations

687363

13
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642732

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33
all docs

33
docs citations

33
times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurements of the atmospheric turbidity of the North-centre continental area in Spain: spectral aerosol optical depth and Å...ngstrÅm turbidity parameters. <i>Journal of Aerosol Science</i> , 2000, 31, 687-702.	3.8	68
2	Inter-comparison of integrated water vapor from satellite instruments using reference GPS data at the Iberian Peninsula. <i>Remote Sensing of Environment</i> , 2018, 204, 729-740.	11.0	45
3	Validation of MODIS integrated water vapor product against reference GPS data at the Iberian Peninsula. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 63, 214-221.	2.8	43
4	Columnar physical and radiative properties of atmospheric aerosols in north central Spain. <i>Journal of Geophysical Research</i> , 2000, 105, 7161-7175.	3.3	42
5	Assessment of Sun photometer Langley calibration at the high-elevation sites Mauna Loa and Izaña. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14555-14567.	4.9	34
6	Determination of the atmospheric-water-vapor content in the 940-nm absorption band by use of moderate spectral-resolution measurements of direct solar irradiance. <i>Applied Optics</i> , 1998, 37, 4678.	2.1	32
7	Impact of long-range transport over the Atlantic Ocean on Saharan dust optical and microphysical properties based on AERONET data. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 9411-9424.	4.9	32
8	Inventory of African desert dust events in the north-central Iberian Peninsula in 2003â€“2014 based on sun-photometerâ€“AERONET and particulate-massâ€“EMEP data. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 8227-8248.	4.9	31
9	Columnar characteristics of aerosols by spectroradiometer measurements in the maritime area of the Cadiz Gulf (Spain). <i>International Journal of Climatology</i> , 2005, 25, 1781-1804.	3.5	28
10	The Correlation between Particle Mass Loading and Extinction: Application to Desert Dust Aerosol Content Estimation. <i>Remote Sensing of Environment</i> , 1997, 60, 187-194.	11.0	19
11	Water vapor radiative effects on short-wave radiation in Spain. <i>Atmospheric Research</i> , 2018, 205, 18-25.	4.1	19
12	Retrieval of atmospheric aerosol characteristics from visible extinction data at valladolid (spain). <i>Atmospheric Environment</i> , 1994, 28, 963-971.	4.1	18
13	Validation of integrated water vapor from OMI satellite instrument against reference GPS data at the Iberian Peninsula. <i>Science of the Total Environment</i> , 2017, 580, 857-864.	8.0	18
14	Water vapor satellite products in the European Arctic: An inter-comparison against GNSS data. <i>Science of the Total Environment</i> , 2020, 741, 140335.	8.0	13
15	Sun photometer retrievals of Saharan dust properties over Barbados during SALTRACE. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 14571-14583.	4.9	12
16	Correction of a lunar-irradiance model for aerosol optical depth retrieval and comparison with a star photometer. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 6293-6310.	3.1	12
17	Daytime and nighttime aerosol optical depth implementation in CÅ†LIS. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2020, 9, 417-433.	1.6	12
18	Retrieval of aerosol properties using relative radiance measurements from an all-sky camera. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 407-433.	3.1	12

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19	CÅ†LIS: software for assimilation, management and processing data of an atmospheric measurement network. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2018, 7, 67-81.	1.6	11
20	Relative sky radiance from multi-exposure all-sky camera images. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 2201-2217.	3.1	10
21	Comparison of integrated water vapor from GNSS and radiosounding at four GRUAN stations. <i>Science of the Total Environment</i> , 2019, 648, 1639-1648.	8.0	9
22	Characterization of Stratospheric Smoke Particles over the Antarctica by Remote Sensing Instruments. <i>Remote Sensing</i> , 2020, 12, 3769.	4.0	8
23	Simple approaches and inversion methods retrieve particle size parameters of atmospheric desert aerosols. <i>Atmospheric Environment</i> , 1998, 32, 239-245.	4.1	7
24	Analysis of aerosol scattering properties measured by a nephelometer at a coastal-rural site in the Atlantic southwest of the Iberian Peninsula. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2015, 132, 48-63.	1.6	7
25	Evaluation of Water Vapor Radiative Effects Using GPS Data Series over Southwestern Europe. <i>Remote Sensing</i> , 2020, 12, 1307.	4.0	7
26	Integrated water vapor over the Arctic: Comparison between radiosondes and sun photometer observations. <i>Atmospheric Research</i> , 2022, 270, 106059.	4.1	4
27	An analytical study about the ratio between particle mass loading and extinction: application to desert dust aerosols. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 1997, 57, 559-568.	2.3	3
28	<title>Comparison of two methods for inferring total columnar ozone amount and aerosol optical depth</title>. , 1995, , .		2
29	Vertical radiative properties of atmospheric aerosols in a representative continental area of north-central Spain during 1995. , 1998, , .		2
30	Comparison of CIMEL sun-photometer and ground-based GNSS integrated water vapor over south-western European sites. <i>Atmospheric Research</i> , 2022, 275, 106217.	4.1	1
31	Editorial for the Special Issue "Remote Sensing of Atmospheric Components and Water Vapor". <i>Remote Sensing</i> , 2020, 12, 2074.	4.0	0