

# Emilio Cuevas

## List of Publications by Year in descending order

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162  
papers

8,868  
citations

43973

48  
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53109

85  
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230  
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230  
docs citations

230  
times ranked

8305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and evaluation of the BSC-DREAM8b dust regional model over Northern Africa, the Mediterranean and the Middle East. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 64, 18539.	0.8	176
2	Long-term characterisation of the vertical structure of the Saharan Air Layer over the Canary Islands using lidar and radiosonde profiles: implications for radiative and cloud processes over the subtropical Atlantic Ocean. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 739-763.	1.9	14
3	Quantification of CH <sub>4</sub> emissions from waste disposal sites near the city of Madrid using ground- and space-based observations of COCCON, TROPOMI and IASI. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 295-317.	1.9	21
4	The MONARCH high-resolution reanalysis of desert dust aerosol over Northern Africa, the Middle East and Europe (2007–2016). <i>Earth System Science Data</i> , 2022, 14, 2785-2816.	3.7	5
5	Water Vapor Retrievals from Spectral Direct Irradiance Measured with an EKO MS-711 Spectroradiometer—Intercomparison with Other Techniques. <i>Remote Sensing</i> , 2021, 13, 350.	1.8	4
6	Twenty years of ground-based NDACC FTIR spectrometry at Izaña Observatory – overview and long-term comparison to other techniques. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 15519-15554.	1.9	11
7	Rapid changes of dust geochemistry in the Saharan Air Layer linked to sources and meteorology. <i>Atmospheric Environment</i> , 2020, 223, 117186.	1.9	16
8	Spectral Aerosol Optical Depth Retrievals by Ground-Based Fourier Transform Infrared Spectrometry. <i>Remote Sensing</i> , 2020, 12, 3148.	1.8	4
9	Column Integrated Water Vapor and Aerosol Load Characterization with the New ZEN-R52 Radiometer. <i>Remote Sensing</i> , 2020, 12, 1424.	1.8	9
10	Aerosol retrievals from the EKO MS-711 spectral direct irradiance measurements and corrections of the circumsolar radiation. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 2601-2621.	1.2	6
11	Saharan Dust Events in the Dust Belt -Canary Islands- and the Observed Association with in-Hospital Mortality of Patients with Heart Failure. <i>Journal of Clinical Medicine</i> , 2020, 9, 376.	1.0	17
12	Impacts of Desert Dust Outbreaks on Air Quality in Urban Areas. <i>Atmosphere</i> , 2020, 11, 23.	1.0	16
13	Multi-decadal surface ozone trends at globally distributed remote locations. <i>Elementa</i> , 2020, 8, .	1.1	54
14	Atmospheric formaldehyde at El Teide and Pic du Midi remote high-altitude sites. <i>Atmospheric Environment</i> , 2020, 234, 117618.	1.9	1
15	Aerosol optical depth comparison between GAW-PFR and AERONET-Cimel radiometers from long-term (2005–2015) 1-min synchronous measurements. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 4309-4337.	1.2	25
16	P3420Is there an association between Saharan dust events and acute coronary syndrome incidence?. <i>European Heart Journal</i> , 2019, 40, .	1.0	0
17	Large contribution of meteorological factors to inter-decadal changes in regional aerosol optical depth. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10497-10523.	1.9	169
18	The WMO SDS-WAS Regional Center for Northern Africa, Middle East and Europe. <i>E3S Web of Conferences</i> , 2019, 99, 04008.	0.2	10

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19	Spatial distribution of aerosol microphysical and optical properties and direct radiative effect from the China Aerosol Remote Sensing Network. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 11843-11864.	1.9	101
20	Evaluation of night-time aerosols measurements and lunar irradiance models in the frame of the first multi-instrument nocturnal intercomparison campaign. <i>Atmospheric Environment</i> , 2019, 202, 190-211.	1.9	20
21	A 10-year characterization of the Saharan Air Layer lidar ratio in the subtropical North Atlantic. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 6331-6349.	1.9	13
22	Atmospheric CO <sub>2</sub> , CH <sub>4</sub> , and CO with the CRDS technique at the Izaña Global GAW station: instrumental tests, developments, and first measurement results. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 2043-2066.	1.2	11
23	Description of the Baseline Surface Radiation Network (BSRN) station at the Izaña Observatory (2009–2017): measurements and quality control/assurance procedures. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2019, 8, 77-96.	0.6	13
24	Ozone and carbon monoxide at the Ushuaia GAW-WMO global station. <i>Atmospheric Research</i> , 2019, 217, 1-9.	1.8	2
25	Aerosol optical properties and direct radiative forcing based on measurements from the China Aerosol Remote Sensing Network (CARSNET) in eastern China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 405-425.	1.9	113
26	Results from the Fourth WMO Filter Radiometer Comparison for aerosol optical depth measurements. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3185-3201.	1.9	33
27	Wind speed variability over the Canary Islands, 1948–2014: focusing on trend differences at the land–ocean interface and below–above the trade-wind inversion layer. <i>Climate Dynamics</i> , 2018, 50, 4061-4081.	1.7	24
28	Comparison of observed and modeled cloud-free longwave downward radiation (2010–2016) at the high mountain BSRN Izaña station. <i>Geoscientific Model Development</i> , 2018, 11, 2139-2152.	1.3	6
29	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.	1.9	34
30	Status and future of numerical atmospheric aerosol prediction with a focus on data requirements. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10615-10643.	1.9	64
31	Tropospheric Ozone Assessment Report: Present-day distribution and trends of tropospheric ozone relevant to climate and global atmospheric chemistry model evaluation. <i>Elementa</i> , 2018, 6, .	1.1	240
32	Baseline Surface Radiation Network (BSRN): structure and data description (1992–2017). <i>Earth System Science Data</i> , 2018, 10, 1491-1501.	3.7	229
33	The pulsating nature of large-scale Saharan dust transport as a result of interplays between mid-latitude Rossby waves and the North African Dipole Intensity. <i>Atmospheric Environment</i> , 2017, 167, 586-602.	1.9	37
34	Changes in the Mediterranean pine forest: pollination patterns and annual trends of airborne pollen. <i>Aerobiologia</i> , 2017, 33, 375-391.	0.7	14
35	Diversity on subtropical and polar cirrus clouds properties as derived from both ground-based lidars and CALIPSO/CALIOP measurements. <i>Atmospheric Research</i> , 2017, 183, 151-165.	1.8	9
36	Assessment of nocturnal aerosol optical depth from lunar photometry at the Izaña high mountain observatory. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 3007-3019.	1.2	18

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37	Tropospheric Ozone Assessment Report: Database and metrics data of global surface ozone observations. <i>Elementa</i> , 2017, 5, .	1.1	172
38	Quantifying Dry and Wet Deposition Fluxes in Two Regions of Contrasting African Influence: The NE Iberian Peninsula and the Canary Islands. <i>Atmosphere</i> , 2017, 8, 86.	1.0	22
39	Compatibility of different measurement techniques of global solar radiation and application for long-term observations at Izaña Observatory. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 731-743.	1.2	5
40	Validation of 10-year SAO OMI Ozone Profile (PROFOZ) product using ozonesonde observations. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 2455-2475.	1.2	53
41	A new zenith-looking narrow-band radiometer-based system (ZEN) for dust aerosol optical depth monitoring. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 565-579.	1.2	5
42	The new sun-sky-lunar Cimel CE318-T multiband photometer – a comprehensive performance evaluation. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 631-654.	1.2	86
43	Effect of the Aerosol Type Selection for the Retrieval of Shortwave Ground Net Radiation: Case Study Using Landsat 8 Data. <i>Atmosphere</i> , 2016, 7, 111.	1.0	3
44	Aerosol optical depth retrievals at the Izaña Atmospheric Observatory from 1941 to 2013 by using artificial neural networks. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 53-62.	1.2	20
45	Saharan and Arabian Dust Aerosols: A Comparative Case Study of Lidar Ratio. <i>EPJ Web of Conferences</i> , 2016, 119, 08002.	0.1	2
46	Lidar Ratio Derived for Pure Dust Aerosols: Multi-Year Micro Pulse Lidar Observations in a Saharan Dust-Influenced Region. <i>EPJ Web of Conferences</i> , 2016, 119, 23017.	0.1	3
47	Comparison of measured and modelled spectral UV irradiance at Izaña high mountain station: estimation of the underlying effective albedo. <i>International Journal of Climatology</i> , 2016, 36, 377-388.	1.5	12
48	Vertical mass impact and features of Saharan dust intrusions derived from ground-based remote sensing in synergy with airborne in-situ measurements. <i>Atmospheric Environment</i> , 2016, 142, 420-429.	1.9	12
49	Comments to the Article by Thuillier et al. – The Infrared Solar Spectrum Measured by the SOLSPEC Spectrometer Onboard the International Space Station – on the Interpretation of Ground-based Measurements at the Izaña Site. <i>Solar Physics</i> , 2016, 291, 2473-2477.	1.0	6
50	Forecasting the northern African dust outbreak towards Europe in April 2011: a model intercomparison. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 4967-4986.	1.9	32
51	Detecting moisture transport pathways to the subtropical North Atlantic free troposphere using paired H <sub>2</sub> O and D in situ measurements. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 4251-4269.	1.9	32
52	Aerosols attenuating the solar radiation collected by solar tower plants: The horizontal pathway at surface level. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	9
53	Photocatalysis with solar energy: Sunlight-responsive photocatalyst based on TiO <sub>2</sub> loaded on a natural material for wastewater treatment. <i>Solar Energy</i> , 2016, 135, 527-535.	2.9	172
54	Characterization of the Marine Boundary Layer and the Trade-Wind Inversion over the Sub-tropical North Atlantic. <i>Boundary-Layer Meteorology</i> , 2016, 158, 311-330.	1.2	51

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55	The MACC-II 2007–2008 reanalysis: atmospheric dust evaluation and characterization over northern Africa and the Middle East. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 3991-4024.	1.9	76
56	Modulation of Saharan dust export by the North African dipole. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 7471-7486.	1.9	99
57	NO <sub>2</sub> ; seasonal evolution in the north subtropical free troposphere. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10567-10579.	1.9	9
58	Validation of reactive gases and aerosols in the MACC global analysis and forecast system. <i>Geoscientific Model Development</i> , 2015, 8, 3523-3543.	1.3	49
59	An empirical equation to estimate mineral dust concentrations from visibility observations in Northern Africa. <i>Aeolian Research</i> , 2015, 16, 55-68.	1.1	31
60	Numerical Modelling of the Extratropical Storm Delta Over Canary Islands: Importance of High Resolution. <i>Environmental Science and Engineering</i> , 2015, , 137-146.	0.1	0
61	Long-path averaged mixing ratios of O <sub>3</sub> and NO <sub>2</sub> in the free troposphere from mountain MAX-DOAS. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 3373-3386.	1.2	17
62	Reconstruction of global solar radiation time series from 1933 to 2013 at the Izaña Atmospheric Observatory. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 3139-3150.	1.2	22
63	Recovering long-term aerosol optical depth series (1976–2012) from an astronomical potassium-based resonance scattering spectrometer. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 4103-4116.	1.2	15
64	Soil Dust Aerosols and Wind as Predictors of Seasonal Meningitis Incidence in Niger. <i>Environmental Health Perspectives</i> , 2014, 122, 679-686.	2.8	111
65	Active remote sensing observations for cirrus clouds profiling at subtropical and polar latitudes. , 2014, , .		0
66	Multi-platform in-situ and remote sensing techniques to derive Saharan dust properties during AMISOC-TNF 2013. , 2014, , .		0
67	Accurate Determination of the TOA Solar Spectral NIR Irradiance Using a Primary Standard Source and the Bouguer–Langley Technique. <i>Solar Physics</i> , 2014, 289, 2433-2457.	1.0	25
68	Quantification of ozone reductions within the Saharan air layer through a 13-year climatologic analysis of ozone profiles. <i>Atmospheric Environment</i> , 2014, 84, 28-34.	1.9	38
69	Solar radiation measurements compared to simulations at the BSRN Izaña station. Mineral dust radiative forcing and efficiency study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 179-194.	1.2	33
70	Aerosol characterization at the Saharan AERONET site Tamanrasset. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 11753-11773.	1.9	48
71	Column aerosol optical properties and aerosol radiative forcing during a serious haze-fog month over North China Plain in 2013 based on ground-based sunphotometer measurements. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 2125-2138.	1.9	266
72	Characteristics of the subtropical tropopause region based on long-term highly resolved sonde records over Tenerife. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 10,754.	1.2	15

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73	Arrival of radionuclides released by the Fukushima accident to Tenerife (Canary Islands). <i>Journal of Environmental Radioactivity</i> , 2013, 116, 180-186.	0.9	11
74	Recent tropospheric ozone changes – A pattern dominated by slow or no growth. <i>Atmospheric Environment</i> , 2013, 67, 331-351.	1.9	195
75	Comparison between measurements and model simulations of solar radiation at a high altitude site: Case studies for the Izaña BSRN station. , 2013, , .		2
76	A new method for nocturnal aerosol measurements with a lunar photometer prototype. <i>Atmospheric Measurement Techniques</i> , 2013, 6, 585-598.	1.2	56
77	Column water vapor determination in night period with a lunar photometer prototype. <i>Atmospheric Measurement Techniques</i> , 2013, 6, 2159-2167.	1.2	13
78	Assessment of atmospheric processes driving ozone variations in the subtropical North Atlantic free troposphere. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 1973-1998.	1.9	78
79	Iodine monoxide in the north subtropical free troposphere. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 4909-4921.	1.9	44
80	Assessment of global warming on the island of Tenerife, Canary Islands (Spain). Trends in minimum, maximum and mean temperatures since 1944. <i>Climatic Change</i> , 2012, 114, 343-355.	1.7	79
81	African dust source regions for observed dust outbreaks over the Subtropical Eastern North Atlantic region, above 25°N. <i>Journal of Arid Environments</i> , 2012, 78, 100-109.	1.2	34
82	Evaluation of sun photometer capabilities for retrievals of aerosol optical depth at high latitudes: The POLAR-AOD intercomparison campaigns. <i>Atmospheric Environment</i> , 2012, 52, 4-17.	1.9	24
83	The Izaña BSRN station. <i>Optica Pura Y Aplicada</i> , 2012, 45, 51-55.	0.0	6
84	Optical calibration facility at the Izaña Atmospheric Research Center. <i>Optica Pura Y Aplicada</i> , 2012, 45, 57-62.	0.0	4
85	Total Carbon Column Observing Network (TCCON) activities at Izaña, Tenerife. <i>Optica Pura Y Aplicada</i> , 2012, 45, 1-4.	0.0	0
86	Comparison of measured and modeled UV spectral irradiance at the Izaña station based on LibRadtran and UVA-GOA models. <i>Optica Pura Y Aplicada</i> , 2012, 45, 11-15.	0.0	0
87	Climatology of aerosol radiative properties in the free troposphere. <i>Atmospheric Research</i> , 2011, 102, 365-393.	1.8	121
88	Synergetic monitoring of Saharan dust plumes and potential impact on surface: a case study of dust transport from Canary Islands to Iberian Peninsula. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 3067-3091.	1.9	83
89	Transport of desert dust mixed with North African industrial pollutants in the subtropical Saharan Air Layer. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 6663-6685.	1.9	218
90	Trend changes of African airmass intrusions in the marine boundary layer over the subtropical Eastern North Atlantic region in winter. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2011, 63, 255-265.	0.8	32

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91	Source areas and long-range transport of pollen from continental land to Tenerife (Canary Islands). <i>International Journal of Biometeorology</i> , 2011, 55, 67-85.	1.3	49
92	Objective identification of synoptic meteorological patterns favouring African dust intrusions into the marine boundary layer of the subtropical eastern north Atlantic region. <i>Meteorology and Atmospheric Physics</i> , 2011, 113, 109-124.	0.9	28
93	The global SF <sub>6</sub> source inferred from long-term high precision atmospheric measurements and its comparison with emission inventories. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 2655-2662.	1.9	125
94	Atmospheric polycyclic aromatic hydrocarbons in remote European and Atlantic sites located above the boundary mixing layer. <i>Environmental Science and Pollution Research</i> , 2010, 17, 1207-1216.	2.7	55
95	Continuous quality assessment of atmospheric water vapour measurement techniques: FTIR, Cimel, MFRSR, GPS, and Vaisala RS92. <i>Atmospheric Measurement Techniques</i> , 2010, 3, 323-338.	1.2	107
96	Origin and SEM analysis of aerosols in the high mountain of Tenerife (Canary Islands). <i>Natural Science</i> , 2010, 02, 1119-1129.	0.2	4
97	Effects of terrestrial UV radiation on selected outdoor materials: an interdisciplinary approach. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
98	Dust modelling and forecasting in the Barcelona Supercomputing Center: Activities and developments. <i>IOP Conference Series: Earth and Environmental Science</i> , 2009, 7, 012013.	0.2	3
99	Use of SEVIRI images and derived products in a WMO Sand and dust Storm Warning System. <i>IOP Conference Series: Earth and Environmental Science</i> , 2009, 7, 012004.	0.2	17
100	Short-term changes in the northwest African Upwelling System induced by Saharan dust deposition events. <i>IOP Conference Series: Earth and Environmental Science</i> , 2009, 7, 012019.	0.2	1
101	Aerosol characterization in Northern Africa, Northeastern Atlantic, Mediterranean Basin and Middle East from direct-sun AERONET observations. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 8265-8282.	1.9	199
102	Atmospheric nanoparticle observations in the low free troposphere during upward orographic flows at Izaña Mountain Observatory. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 6319-6335.	1.9	57
103	African dust influence on ambient PM levels in South-Western Europe (Spain and Portugal): A quantitative approach to support implementation of Air Quality Directives. <i>IOP Conference Series: Earth and Environmental Science</i> , 2009, 7, 012018.	0.2	2
104	Spatial and temporal variations in airborne particulate matter (PM <sub>10</sub> and PM <sub>2.5</sub> ) across Spain 1999–2005. <i>Atmospheric Environment</i> , 2008, 42, 3964-3979.	1.9	287
105	Origin of observed high <sup>7</sup> Be and mineral dust concentrations in ambient air on the Island of Tenerife. <i>Atmospheric Environment</i> , 2008, 42, 4247-4256.	1.9	34
106	Influence of sea breeze circulation and road traffic emissions on the relationship between particle number, black carbon, PM <sub>1</sub> , PM <sub>2.5</sub> and PM <sub>2.5</sub> – <sub>10</sub> concentrations in a coastal city. <i>Atmospheric Environment</i> , 2008, 42, 6523-6534.	1.9	86
107	Using <sup>137</sup> Cs and <sup>40</sup> K to identify natural Saharan dust contributions to PM <sub>10</sub> concentrations and air quality impairment in the Canary Islands. <i>Atmospheric Environment</i> , 2008, 42, 7034-7042.	1.9	37
108	Trace element variation in size-fractionated African desert dusts. <i>Journal of Arid Environments</i> , 2008, 72, 1034-1045.	1.2	117

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109	Saharan dust-induced chlorophyll blooms in the northwest African upwelling. , 2008, , .		0
110	NO <sub>2</sub> climatology in the northern subtropical region: diurnal, seasonal and interannual variability. Atmospheric Chemistry and Physics, 2008, 8, 1635-1648.	1.9	35
111	Comparison of ground-based Brewer and FTIR total column O <sub>3</sub> monitoring techniques. Atmospheric Chemistry and Physics, 2008, 8, 5535-5550.	1.9	51
112	Quality assessment of O <sub>3</sub> profiles measured by a state-of-the-art ground-based FTIR observing system. Atmospheric Chemistry and Physics, 2008, 8, 5579-5588.	1.9	48
113	Sensitivity study of surface wind flow of a limited area model simulating the extratropical storm Delta affecting the Canary Islands. Advances in Science and Research, 2008, 2, 151-157.	1.0	6
114	High resolution modelling results of the wind flow over Canary Islands during the meteorological situation of the extratropical storm Delta (28 <sup>th</sup> -30 November 2005). Advances in Science and Research, 2008, 2, 81-87.	1.0	3
115	<title>PHOTONS/AERONET sunphotometer network overview: description, activities, results</title> . , 2007, , .		40
116	The contributions of "minimum primary emissions" and "new particle formation enhancements" to the particle number concentration in urban air. Journal of Aerosol Science, 2007, 38, 1207-1219.	1.8	73
117	A trajectory-based estimate of the tropospheric ozone column using the residual method. Journal of Geophysical Research, 2007, 112, .	3.3	93
118	Origin of the exceedances of the European daily PM limit value in regional background areas of Spain. Atmospheric Environment, 2007, 41, 730-744.	1.9	124
119	A methodology for the quantification of the net African dust load in air quality monitoring networks. Atmospheric Environment, 2007, 41, 5516-5524.	1.9	174
120	Chemical composition and complex refractive index of Saharan Mineral Dust at Izaña, Tenerife (Spain) derived by electron microscopy. Atmospheric Environment, 2007, 41, 8058-8074.	1.9	376
121	Impact of the Saharan dust outbreaks on the ambient levels of total suspended particles (TSP) in the marine boundary layer (MBL) of the Subtropical Eastern North Atlantic Ocean. Atmospheric Environment, 2007, 41, 9468-9480.	1.9	47
122	Geochemical variations in aeolian mineral particles from the Sahara "Sahel Dust Corridor. Chemosphere, 2006, 65, 261-270.	4.2	330
123	Quantification of ozone uptake at the stand level in a Pinus canariensis forest in Tenerife, Canary Islands: An approach based on sap flow measurements. Environmental Pollution, 2006, 140, 383-386.	3.7	24
124	Calibrating six years of multiband UV measurements at Ushuaia and Marambio for model and satellite comparisons. , 2006, 6362, 575.		0
125	Long-term changes in tropospheric ozone. Atmospheric Environment, 2006, 40, 3156-3173.	1.9	345
126	Subtropical trace gas profiles determined by ground-based FTIR spectroscopy at Izaña (28° N, 16° W): Five-year record, error analysis, and comparison with 3-D CTMs. Atmospheric Chemistry and Physics, 2005, 5, 153-167.	1.9	59



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127	Ozone profiles and total column amounts derived at Izaña, Tenerife Island, from FTIR solar absorption spectra, and its validation by an intercomparison to ECC-sonde and Brewer spectrometer measurements. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2005, 91, 245-274.	1.1	33
128	Influence of major African dust intrusions on the <sup>137</sup> Cs and <sup>40</sup> K activities in the lower atmosphere at the Island of Tenerife. <i>Atmospheric Environment</i> , 2005, 39, 4111-4118.	1.9	26
129	Characterisation of TSP and PM <sub>2.5</sub> at Izaña and Sta. Cruz de Tenerife (Canary Islands, Spain) during a Saharan Dust Episode (July 2002). <i>Atmospheric Environment</i> , 2005, 39, 4715-4728.	1.9	187
130	Wet and dry African dust episodes over eastern Spain. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	210
131	Quality assurance of the solar UV network in the Antarctic. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	16
132	CHARACTERISATION OF AMBIENT AIR PM DURING AFRICAN OUTBREAKS OVER NORTHEASTERN IBERIAN PENINSULA AND THE CANARY ISLANDS. <i>Journal of Aerosol Science</i> , 2004, 35, S1055-S1056.	1.8	0
133	Comparison of the aerosol index from satellites and the atmospheric extinction coefficient above the Canarian Observatories. , 2004, , .		5
134	Transport pathways of ozone to marine and free-troposphere sites in Tenerife, Canary Islands. <i>Atmospheric Environment</i> , 2004, 38, 4733-4747.	1.9	28
135	The fictitious diurnal cycle of aerosol optical depth: A new approach for <i>in situ</i> -calibration and correction of AOD data series. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	37
136	Non-correlation between atmospheric extinction coefficient and TOMS aerosol index at the Canarian Observatories. , 2004, , .		4
137	Polycyclic Aromatic Hydrocarbons in Mountain Soils of the Subtropical Atlantic. <i>Journal of Environmental Quality</i> , 2003, 32, 977-987.	1.0	37
138	Polycyclic Aromatic Hydrocarbons in Mountain Soils of the Subtropical Atlantic. <i>Journal of Environmental Quality</i> , 2003, 32, 977.	1.0	13
139	Semivolatile Organochlorine Compounds in the Free Troposphere of the Northeastern Atlantic. <i>Environmental Science &amp; Technology</i> , 2002, 36, 1155-1161.	4.6	66
140	Temperature and Organic Matter Dependence of the Distribution of Organochlorine Compounds in Mountain Soils from the Subtropical Atlantic (Teide, Tenerife Island). <i>Environmental Science &amp; Technology</i> , 2002, 36, 1879-1885.	4.6	100
141	Influence of African dust on the levels of atmospheric particulates in the Canary Islands air quality network. <i>Atmospheric Environment</i> , 2002, 36, 5861-5875.	1.9	180
142	UV Index Experimental Values During the Years 2000 and 2001 from the Spanish Broadband UV-B Radiometric Network. <i>Photochemistry and Photobiology</i> , 2002, 76, 181.	1.3	39
143	Sea-land total ozone differences from TOMS: GHOST effect. <i>Journal of Geophysical Research</i> , 2001, 106, 27745-27755.	3.3	7
144	Arctic ozone loss in threshold conditions: Match observations in 1997/1998 and 1998/1999. <i>Journal of Geophysical Research</i> , 2001, 106, 7495-7503.	3.3	66

#	ARTICLE	IF	CITATIONS
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