

Artículos del personal de AEMET en revistas científicas - 2021

AUTOR	TÍTULO	PUBLICACIÓN
Figuerola, Blanca; Valiente, Nicolás; Barbosa, Andrés; Brasier, Madeleine J.; Colominas-Ciuró, Roger; Convey, Peter; Liggett, Daniela; Fernández-Martínez, Miguel Ángel; González Herrero, Sergi; Griffiths, Huw J.; Jawak, Shridhar D.; Merican, Faradina; Noll, Daly; Prudencio, Janire; Quaglio, Fernanda; Pertierra, Luis R.	Shifting perspectives in polar research: global lessons on the barriers and drivers for securing academic careers in natural sciences	Frontiers in Ecology and Evolution. 2021, 9, p. 1-10 doi: 10.3389/fevo.2021.777009
Smith, Robert Kennedy; Guijarro, José A.; Chang, Der-Chen	Utilizing homogenized observation records and reconstructed time series data to estimate recent trends in Mid-Atlantic soil moisture scarcity	Theoretical and Applied Climatology. 2021, 143:1063-1076 doi: 10.1007/s00704-020-03467-y
Díaz-Fernández, J. ; Bolgiani, P. ; Santos-Muñoz, D.; Sastre, M.; Valero, F.; Sebastian-Martín, L.I.; Fernández-González, S.; López, L.; Martín, M.L.	On the characterization of mountain waves and the development of a warning method for aviation safety using WRF forecast	Atmospheric Research. 2021, 258, 105620 doi: 10.1016/j.atmosres.2021.105620

<p>Ke Gui; Huizheng Che; Yaqiang Wang; Xiangao Xia; Brent N. Holben; Philippe Goloub; Emilio Cuevas-Agulló; Wenrui Yao; Yu Zheng; Hujia Zhao; Lei Li; Xiaoye Zhang</p>	<p>A global-scale analysis of the MISR Level-3 aerosol optical depth (AOD) product: Comparison with multi-platform AOD data sources</p>	<p>Atmospheric Pollution Research. 2021, 12(12), 101238 doi: 10.1016/j.apr.2021.101238</p>
<p>Diekmann, Christopher; Schneider, Matthias; Ertl, Benjamin; Hase, Frank; García Rodríguez, Omaira Elena; Khosrawi, Farahnaz; Sepúlveda Hernández, Eliezer; Knippertz, Peter; Braesicke, Peter</p>	<p>The global and multi-annual MUSICA IASI {H2O, δD} pair dataset</p>	<p>Earth System Science Dats. 2021, 13(1), p. 5273-5292 doi: 10.5194/essd-13-5273-2021</p>
<p>Marseille, Charles; Aubé, Martin; Barreto, África; Simoneau, Alexandre</p>	<p>Remote sensing of aerosols at night with the CoSQM sky brightness data</p>	<p>Remote Sensing. 2021, 13(22), p. 1-35 doi: 10.3390/rs13224623</p>
<p>García-Dalmau, Miguel; Udina, Mireia; Bech, Joan; Sola, Yolanda; Montolio, Joan; Jaén, Clara</p>	<p>Pollutant concentration changes during the COVID-19 lockdown in Barcelona and surrounding regions : modification of diurnal cycles and limited role of meteorological conditions</p>	<p>Boundary-Layer Meteorology. 2021, p. 1-22 doi: 10.1007/s10546-021-00679-1</p>
<p>Hernanz Lázaro, Alfonso ; García Valero, Juan Andrés ; Domínguez Alonso, Marta ; Rodríguez Camino, Ernesto</p>	<p>Evaluation of statistical downscaling methods for climate change projections over Spain: future conditions with pseudo reality (transferability experiment)</p>	<p>International Journal of Climatology. 2021, p. 1-14 doi: 10.1002/joc.7464</p>



<p>Pablo Dávila, Fernando de; Rivas Soriano, Luis; Jiménez Alonso, Carlos ; Mora García, Manuel Antonio ; Riesco Martín, Jesús</p>	<p>Synoptic patterns of severe hailstorm events in Spain</p>	<p>Atmospheric Research. 2021, 250, 105397 doi: 10.1016/j.atmosres.2020.105397</p>
<p>García-Heras, Javier; Soler, Manuel; González Arribas, Daniel; Eschbacher, Kurt; Rokitansky, Carl-Herbert; Sacher, Daniel; Gelhardt, Ulrike; Lang, Jürgen; Hauf, Thomas; Simarro, Juan Pablo ...</p>	<p>Robust flight planning impact assessment considering convective phenomena</p>	<p>Transportation Research Part C: Emerging Technologies. 2021, 123, 102968 doi: 10.1016/j.trc.2021.102968</p>
<p>Llasat, María del Carmen; Moral, Anna del; Cortès Simó, Maria; Rigo, Tomeu</p>	<p>Convective precipitation trends in the Spanish Mediterranean region</p>	<p>Atmospheric Research. 2021, 257, 105581 doi: 10.1016/j.atmosres.2021.105581</p>
<p>González Ramos, Yenny; Commane, Roisin; Manninen, Ethan; Daube, Bruce C.; Schiferl, Luke D.; McManus, J. B.; McKain, Kathryn; Hintsä, Eric J.; Elkins, James W.; Montzka, Stephen A.; Sweeney, Colm; Moore, Fred L.; Jiménez, José L.; Campuzano Jost, Pedro; ...</p>	<p>Impact of stratospheric air and surface emissions on tropospheric nitrous oxide during ATom</p>	<p>Atmospheric Chemistry and Physics. 2021, 21(14), p. 11113-11132 doi: 10.5194/acp-21-11113-2021</p>

<p>Vukovic Vimic, Ana; ... ; Prieto Fernández, José Ignacio; ... ; Basart, Sara Boloorani, Ali Darvishi; Terradellas, Enric</p>	<p>Numerical simulation of Tehran dust storm on 2 June 2014: a case study of agricultural abandoned lands as emission sources</p>	<p>Atmosphere. 2021, 12(8), 1054 doi: 10.3390/atmos12081054</p>
<p>Hints, Eric J.; Moore, Fred L.; Hurst, Dale; Dutton, Geoff S.; Hall, Bradley D.; Nance, J. David; Miller, Ben R.; Montzka, Stephen A. ... González Ramos, Yenny; Commane, Roisin; Santoni, Gregory W.; Pittman, Jasna V.; Wofsy, S.; Kort, Eric; Diskin, Glenn S.; Bui, T. Paul</p>	<p>UAS Chromatograph for Atmospheric Trace Species (UCATS) - a versatile instrument for trace gas measurements on airborne platforms</p>	<p>Atmospheric Measurement Techniques. 2021, 14(10), p. 6795-6819 doi: 10.5194/amt-14-6795-2021</p>
<p>García Rodríguez, Omaira Elena ... Cuevas Agulló, Emilio; Ramos López, Ramón ... González Ramos, Yenny ; Gómez Peláez, Ángel Jesús; ... Redondas, Alberto; Carreño Corbella, Virgilio; León-Luis, Sergio F.; Reyes, Enrique ; García Cabrera, Rosa Delia; Rivas Soriano, Pedro Pablo ; Romero Campos, Pedro Miguel; Torres, Carlos ; Prats Porta, Natalia; Hernández Martínez de la Peña, Miguel; López, César</p>	<p>Twenty years of ground-based NDACC FTIR spectrometry at Izaña Observatory - overview and long-term comparison to other techniques</p>	<p>Atmospheric Chemistry and Physics. 2021, 21(20), p. 15519-15554 doi: 10.5194/acp-21-15519-2021</p>

<p>Pertierra, L.R.; Santos-Martín, F.; Hughes, K.A.; Avila, C.; Caceres, J.O.; Filippo, D.De; Gonzalez, S.; Grant, S.M.; Lynch, H.; Marina-Montes, C.; Quesada, A.; Tejedro, P.; Tin, T.; Benayask, J.</p>	<p>Ecosystem services in Antarctica: Global assessment of the current state, future challenges and managing opportunities</p>	<p>Ecosystem Services. 2021, 49, 101299 doi: 10.1016/j.ecoser.2021.101299</p>
<p>González Herrero, Sergi; Bech, Joan; García-Benadi, Albert; Udina, Mireia; Codina, Bernat; Trapero, Laura; Paci, Alexandre; Georgis, Jean-François</p>	<p>Vertical structure and microphysical observations of winter precipitation in an inner valley during the Cerdanya-2017 field campaign</p>	<p>Atmospheric Research. 2021, 264, 105826 doi: 10.1016/j.atmosres.2021.105826</p>
<p>García-Benadi, Albert; Bech, Joan; González Herrero, Sergi; Udina, Mireia; Codina, Bernat</p>	<p>A new methodology to characterise the radar bright band using doppler spectral moments from vertically pointing radar observations</p>	<p>Remote Sensing. 2021, 13(21), 4323 doi: 10.3390/rs13214323</p>
<p>Linares Gil, Cristina; Belda, Fernando; López Bueno, José Antonio; Luna Rico, Yolanda; Sánchez Martínez, Gerardo; Hervella, Beatriz; Culqui, Dante; Díaz Jiménez, Julio</p>	<p>Short-term associations of air pollution and meteorological variables on the incidence and severity of COVID-19 in Madrid (Spain): a time series study</p>	<p>Environmental Sciences Europe. 2021, 33 (107), p. 1-13 doi: 10.1186/s12302-021-00548-1</p>
<p>Jones, Chris D.; Hickman, Jonathan E.; Rumbold, Steven T.; Walton, Jeremy; Lamboll, Robin D.; Skeie, Ragnhild B. Parodi, José Antonio ... etc.</p>	<p>The climate response to emissions reductions due to COVID-19: initial results from CovidMIP</p>	<p>Geophysical Research Letters. 2021, 48(8), p. 1-12 doi: 10.1029/2020GL091883</p>

<p>Linares, Cristina; Culqui, Dante; Belda, Fernando; López-Bueno, José Antonio; Luna, Yolanda; Sánchez-Martínez, Gerardo; Hervella, Beatriz; Díaz, Julio</p>	<p>Impact of environmental factors and Sahara dust intrusions on incidence and severity of COVID-19 disease in Spain. Effect in the first and second pandemic waves</p>	<p>Environmental Science and Pollution Research. 2021 doi: 10.1007/s11356-021-14228-3</p>
<p>Follos, F.; Linares, C.; López-Bueno, J.A.; Navas, M.A.; Culqui, D.; Vellón, J.M.; Luna, M.Y.; Sánchez-Martínez, G.; Díaz, J.</p>	<p>Evolution of the minimum mortality temperature (1983-2018): Is Spain adapting to heat?</p>	<p>Science of The Total Environment. 2021, 784, 147233 doi: 10.1016/j.scitotenv.2021.147233</p>
<p>López-Bueno, J.A.; Navas-Martín, M.A.; Linares, C.; Mirón, I.J.; Luna, M.Y.; Sánchez-Martínez, G.; Culqui, D.; Díaz, J.</p>	<p>Analysis of the impact of heat waves on daily mortality in urban and rural areas in Madrid</p>	<p>Environmental Research. 2021, 195, 110892 doi: 10.1016/j.envres.2021.110892</p>
<p>López Bueno, José Antonio; Follos Pliego, Fernando; Vellón Graña, José Manuel; Navas-Martín, Miguel Ángel ... Luna Rico, Yolanda; Sánchez Martínez, Gerardo; Linares Gil, Cristina</p>	<p>Evolution of the threshold temperature definition of a heat wave vs. evolution of the minimum mortality temperature: a case study in Spain during the 1983-2018 period</p>	<p>Environmental Sciences Europe. 2021, 33(101) doi: 10.1186/s12302-021-00542-7</p>
<p>Alves, Daniela; Almeida, Miguel; Viegas, Domingos Xavier; Novo, Ilda; Luna Rico, Yolanda</p>	<p>Fire danger harmonization based on the fire weather index for transboundary events between Portugal and Spain</p>	<p>Atmosphere. 2021, 12(9), 1087 doi: 10.3390/atmos12091087</p>

<p>Hervella, Beatriz; Luna Rico, Yolanda; Díaz Jiménez, Julio; Linares Gil, Cristina; Belda, Fernando</p>	<p>Spatial variability of COVID-19 first wave severity and transmission intensity in Spain: the influence of meteorological factors</p>	<p>Biomedical Journal of Scientific & Technical Research. 2021, 35(2), p. 27460-27468 doi: 10.26717/BJSTR.2021.35.005667</p>
<p>Pertierra, L. R.; Santos-Martin, F.; Hughes, K. A.; Avila, C.; Caceres J. O.; De Filippo, D.; González, S.; Grant, S.M.; Lynch, H.; Marina-Montes, C.; Quesada, A.; Tejedo, P.; Tin, T.; Benayas, J.</p>	<p>Ecosystem services in Antarctica: Global assessment of the current state, future challenges and managing opportunities</p>	<p>Ecosystem Services. 2021, 49, 101299 doi: 10.1016/j.ecoser.2021.101299</p>
<p>González Herrero, Sergi; Vasallo, FranciscoAutor; Sanz, Pablo; Quesada, Antonio; Justel, Ana</p>	<p>Characterization of the summer surface mesoscale dynamics at Dome F, Antarctica</p>	<p>Atmospheric Research. 2021, 259, 105699 doi: 10.1016/j.atmosres.2021.105699</p>
<p>Roberts, Alexander J.; Fletcher, Jennifer K.; Groves, James; Marsham, John H.... Rípodas Agudo, Pilar; Stein, Thorwald H. M.; Woodhams, Beth J.</p>	<p>Nowcasting for Africa: advances, potential and value</p>	<p>Weather. 2021, p. 1-7 doi: 10.1002/wea.3936</p>
<p>Alonso-Pérez, Silvia; López-Solano, Javier; Rodríguez-Mayor, Lourdes; Márquez-Martinón, José Miguel</p>	<p>Evaluation of the tourism climate index in the Canary Islands</p>	<p>Sustainability. 2021, 13(13), 7042 doi: 10.3390/su13137042</p>

<p>López Bueno, José Antonio; Navas-Martín, Miguel Ángel; Díaz Jiménez, Julio; Mirón Pérez, Isidro J.; Luna Rico, Yolanda; Sánchez Martínez, Gerardo; Culqui, Dante; Linares Gil, Cristina</p>	<p>The effect of cold waves on mortality in urban and rural areas of Madrid</p>	<p>Environmental Sciences Europe. 2021, 33(72), p. 1-14 doi: 10.1186/s12302-021-00512-z</p>
<p>Veld, M. in 't; Carnerero, C.; Massagué, J.; Alastuey, Andrés ... Moreta González, Juan Ramón; Hernández Pérez, José Luis; Santamaría Lancho, Julián Jesús; Millán, Millán; Querol, Xavier</p>	<p>Understanding the local and remote source contributions to ambient O3 during a pollution episode using a combination of experimental approaches in the Guadalquivir valley, southern Spain</p>	<p>Science of the Total Environment. 2021, 777, 144579 doi: 10.1016/j.scitotenv.2020.144579</p>
<p>Fernández-Martínez, Miguel Ángel ... González Herrero, Sergi; Sánchez-García, Laura; Prieto-Ballesteros, Olga; Altshuler, Ianina ... etc.</p>	<p>Geomicrobiological heterogeneity of lithic habitats in the extreme environment of Antarctic nunataks: a potential early Mars analog</p>	<p>Frontiers in Microbiology. 2021, 12, 670982 doi: 10.3389/fmicb.2021.670982</p>
<p>Minola, Lorenzo; Reese, Heather; Lai, Hui-Wen; Azorín Molina, César; Guijarro, José Antonio; Son, Seok-Woo; Chen, Deliang</p>	<p>Wind stilling-reversal across Sweden: the impact of land-use and large-scale atmospheric circulation changes</p>	<p>International Journal of Climatology. 2021, p. 1-23 doi: 10.1002/joc.7289</p>
<p>Jardines, Aniel; Soler, Manuel; Cervantes, Alejandro; García-Heras, Javier; Simarro, Juan Pablo</p>	<p>Convection indicator for pre-tactical air traffic flow management using neural networks</p>	<p>Machine Learning with Applications. 2021, 5, 100053 doi: 10.1016/j.mlwa.2021.100053</p>

<p>Hernanz Lázaro, Alfonso; García Valero, Juan Andrés; Domínguez Alonso, Marta; Ramos Calzado, Petra; Pastor Saavedra, María Asunción; Rodríguez Camino, Ernesto</p>	<p>Evaluation of statistical downscaling methods for climate change projections over Spain: present conditions with perfect predictors</p>	<p>International Journal of Climatology. 2021, p. 1-15 doi: 10.1002/joc.7271</p>
<p>Dogniaux, Matthieu; Crevoisier, Cyril; Armante, Raymond; Capelle, Virginie; Delahaye, Thibault; Cassé, Vincent; Mazière, Martine de ... García Rodríguez, Omaira Elena ... etc.</p>	<p>The Adaptable 4A Inversion (5AI): description and first XCO₂ retrievals from Orbiting Carbon Observatory-2 (OCO-2) observations</p>	<p>Atmospheric Measurement Techniques. 2021, 14(6), p. 4689-4706 doi: 10.5194/amt-14-4689-2021</p>
<p>Azorín Molina, César; McVicar, Tim R.; Guijarro, José Antonio; Trewin, Blair C.; Frost, Andrew J.; Zhang, Gangfeng; Minola, Lorenzo; Son, Seok-Woo ... etc.</p>	<p>A decline of observed daily peak wind gusts with distinct seasonality in Australia, 1941-2016</p>	<p>Journal of Climate. 2021, 34(8), p. 3103-3127 doi: 10.1175/JCLI-D-20-0590.1</p>
<p>Domonkos, Peter; Guijarro, José Antonio; Venema, Victor K. C.; Brunet, Manola; Sigró, Javier</p>	<p>Efficiency of time series homogenization: method comparison with 12 monthly temperature test datasets</p>	<p>Journal of Climate. 2021, 34(8), p. 2877-2891 doi: 10.1175/JCLI-D-20-0611.1</p>
<p>Zhang, Gangfeng; Azorín Molina, César; Chen, Deliang; McVicar, Tim R.; Guijarro, José Antonio; Kong, Feng; Minola, Lorenzo; Deng, Kaiqiang; Shi, Peijun</p>	<p>Uneven warming likely contributed to declining near-surface wind speeds in Northern China between 1961 and 2016</p>	<p>Journal of Geophysical Research: Atmospheres. 2021, 126(11), p. 1-24 doi: 10.1029/2020JD033637</p>

<p>Tapiador, Francisco J.; Marcos Martín, Cecilia; Sancho Ávila, Juan Manuel; Santos Burguete, Carlos; Núñez Mora, José Ángel; Navarro Arnés, Andrés; Kummerow, Christian; Adler, Robert F.</p>	<p>The September 2019 floods in Spain: An example of the utility of satellite data for the analysis of extreme hydrometeorological events</p>	<p>Atmospheric Research. 2021, 257, 105588 doi: 10.1016/j.atmosres.2021.105588</p>
<p>Zhang, Gangfeng; Azorín Molina, César; Chen, Deliang; McVicar, Tim R.; Guijarro, José Antonio; Kong, Feng; Minola, Lorenzo ... etc.</p>	<p>Uneven warming likely contributed to declining near-surface wind speeds in Northern China between 1961 and 2016</p>	<p>Journal of Geophysical Research: Atmospheres. 2021, 126(11), p. 1-24 doi: 10.1029/2020JD033637</p>
<p>Tapiador, Francisco J.; Marcos Martín, Cecilia; Sancho Ávila, Juan Manuel; Santos Burguete, Carlos; Núñez Mora, José Ángel; Navarro Arnés, Andrés; Kummerow, Christian; Adler, Robert F.</p>	<p>The September 2019 floods in Spain: An example of the utility of satellite data for the analysis of extreme hydrometeorological events</p>	<p>Atmospheric Research. 2021, 257, 105588 doi: 10.1016/j.atmosres.2021.105588</p>
<p>Mourre, Baptiste; Santana, Alex; Buils, A.; Gautreau, L.; Licer, M.; Jansà Clar, Agustí; Casas, Benjamín; Amengual, Bernat; Tintoré, Joaquin</p>	<p>On the potential of ensemble forecasting for the prediction of meteotsunamis in the Balearic Islands: sensitivity to atmospheric model parameterizations</p>	<p>Natural Hazards. 2021, 106, p. 1315-1336 doi: 10.1007/s11069-020-03908-x</p>
<p>Bonsoms, Josep; González Herrero, Sergi; Prohom, Marc; Esteban, Pere; Salvador, Ferrán; López Moreno, Juan Ignacio; Oliva, Marc</p>	<p>Spatio-temporal patterns of snow in the Catalan Pyrenees (NE Iberia)</p>	<p>International Journal of Climatology. 2021, p. 1-22 doi: 10.1002/joc.7147</p>

<p>Galbán, Sofía; Justel, Ana; González Herrero, Sergi; Quesada, Antonio</p>	<p>Local meteorological conditions, shape and desiccation influence dispersal capabilities for airborne microorganisms</p>	<p>Science of the Total Environment. 2021, 780, 146653 doi: 10.1016/j.scitotenv.2021.146653</p>
<p>Keen, Ann; Blockley, Ed; Bailey, David A.; ...; Bushuk, Mitchell; Delhaye, Steve; Docquier, David; Feltham, Daniel; Massonnet, François; ... Rodríguez González, José María ... etc.</p>	<p>An inter-comparison of the mass budget of the Arctic sea ice in CMIP6 models</p>	<p>The Cryosphere. 2021, 15(2), p. 951-982 doi: 10.5194/tc-15-951-2021</p>
<p>Alfonso, Marta de; Lin-Ye, Jue; García-Valdecasas, José María; Pérez-Rubio, Susana; Luna Rico, Yolanda; Santos Muñoz, Daniel; Ruiz, M. Isabel; Pérez, Begoña; Álvarez Fanjul, Enrique</p>	<p>Storm Gloria: sea state evolution based on in situ measurements and modeled data and its impact on extreme values</p>	<p>Frontiers in Marine Science. 2021, 8:646873 doi: 10.3389/fmars.2021.646873</p>
<p>Marais, Eloise A.; Roberts, John F.; Ryan, Robert G.; Eskes, Henk J. ... Redondas, Alberto; Grutter, Michel; Cede, Alexander; Gómez, Laura; Navarro Comas, Mónica</p>	<p>New observations of NO2 in the upper troposphere from TROPOMI</p>	<p>Atmospheric Measurement Techniques. 2021, 14(3), p. 2389-2408 doi: 10.5194/amt-14-2389-2021</p>
<p>Minola, Lorenzo; Azorín Molina, César; Guijarro, José Antonio; ...</p>	<p>Climatology of near-surface daily peak wind gusts across Scandinavia: observations and model simulations</p>	<p>Journal of Geophysical Research: Atmospheres. 2021, 126(7), p. 1-17 doi: 10.1029/2020JD033534</p>

<p>Curci, Gabriele; Guijarro, José Antonio; Di Antonio, Ludovico; Di Bacco, Mario; Di Lena, Bruno; Scorzini, Anna Rita</p>	<p>Building a local climate reference dataset: application to the Abruzzo region (Central Italy), 1930-2019</p>	<p>International Journal of Climatology. 2021, p. 1-23 doi: 10.1002/joc.7081</p>
<p>Marquis, Jared W.; Oyola, Mayra I.; Campbell, James R.; Ruston, Benjamin C.; Córdoba-Jabonero, Carmen; Cuevas Agulló, Emilio; Lewis, Jasper R.; Toth, Travis D.; Zhang, Jianglong</p>	<p>Conceptualizing the impact of dust-contaminated infrared radiances on data assimilation for numerical weather prediction</p>	<p>Journal of Atmospheric and Oceanic Technology. 2021, 38(2), p. 209-221 doi: 10.1175/JTECH-D-19-0125.1</p>
<p>Evangeliou, Nikolaos; Platt, Stephen M.; Eckhardt, Sabine; Myhre, Cathrine Lund ... Prats Porta, Natalia ... etc.</p>	<p>Changes in black carbon emissions over Europe due to COVID-19 lockdowns</p>	<p>Atmospheric Chemistry and Physics. 2021, 21(4), p. 2675-2692 doi: 10.5194/acp-21-2675-2021</p>
<p>Sepúlveda, Edgardo; Cordero, Raul R.; Damiani, Alessandro; Feron, Sarah; Pizarro, Jaime; Zamorano, Felix; Kivi, Rigel; Sánchez, Ricardo; Yela, Margarita ... Redondas, Alberto; Rowe, Penny M.</p>	<p>Evaluation of Antarctic ozone profiles derived from OMPS LP by using balloon borne ozonesondes</p>	<p>Scientific Reports. 2021, 11:4288 doi: 10.1038/s41598-021-81954-6</p>
<p>Blumenstock, Thomas; Hase, Frank; Keens, Axel; Czurlok, Denis; Colebatch, Orfeo; García Rodríguez, Omaira Elena, etc.</p>	<p>Characterization and potential for reducing optical resonances in Fourier transform infrared spectrometers of the Network for the Detection of Atmospheric Composition Change (NDACC)</p>	<p>Atmospheric Measurement Techniques. 2021, 14, p. 1239-1252 doi: 10.5194/amt-14-1239-2021</p>

<p>Steinbrecht, Wolfgang; Kubistin, Dagmar; Plass-Dülmer ... Hernández, J. L.; Díaz Rodríguez, Ana María; Nakano, Tatsumi; Chouza, Fernando; Leblanc, Thierry; Torres, Carlos; García Rodríguez, Omaira Elena etc.</p>	<p>COVID-19 Crisis Reduce Free Tropospheric Ozone across the Northern Hemisphere</p>	<p>Geophysical Research Letters. 2021, 48 doi: 10.1029/2020GL091987</p>
<p>Alonso, Rafael; García del Pozo, José María; Buisán, Samuel; Álvarez, José Adolfo</p>	<p>Analysis of the snow water equivalent at the AEMet-Formigal field laboratory (Spanish Pyrenees) during the 2019/2020 winter season using a stepped-frequency continuous wave radar (SFCW)</p>	<p>Remote Sensing. 2021, 13(4), 616 doi: 10.3390/rs13040616</p>
<p>Merino, Andrés; García Ortega, Eduardo; Navarro, Andrés; Fernández-González, Sergio ; Tapiador, Francisco J.; Sánchez, José Luis</p>	<p>Evaluation of gridded rain-gauge-based precipitation datasets: impact of station density, spatial resolution, altitude gradient and climate</p>	<p>Internacional Journal of Climatology. 2021, p. 1-17 doi: 10.1002/joc.7003</p>
<p>Sun, Bomin; Calbet, Xavier Autor; Reale, Anthony; Schroeder, Steven; Bali, Manik; Smith, Ryan; Pettey, Michael</p>	<p>Accuracy of Vaisala RS41 and RS92 upper tropospheric humidity compared to satellite hyperspectral infrared measurements</p>	<p>Remote Sensing. 2021, 13(2), 173 doi: 10.3390/rs13020173</p>
<p>Molero, Francisco; Fernández, Alfonso Javier; Revuelta, María Aránzazu; Martínez Marco, Isabel; Pujadas, Manuel; Artíñano, Begoña</p>	<p>Effect of vertical profile of aerosols on the local shortwave radiative forcing estimation</p>	<p>Atmosphere. 2020, 12(2), 187 doi: 10.3390/atmos12020187</p>



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