

Artículos del personal de AEMET en revistas científicas - 2019

AUTOR	TÍTULO	PUBLICACIÓN
Toomey, T.; Sayol, J.M.; Marcos, Marta; Jordà, G.; Campins, Joan	A modeling-based assessment of the imprint of storms on wind waves in the Western Mediterranean Sea	International Journal of Climatology. 2019, 39(2), p. 878-886 DOI: 10.1002/joc.5849
Gómez Enri, Jesús; González, C. J.; Passaro, Marcello; Vignudelli, Stefano; Álvarez, Óscar; Cipollini, Paolo; Mananes, Rafael; Bruno, Miguel; López Carmona, Manuel Patricio; Izquierdo, Alfredo	Wind-induced cross-strait sea level variability in the Strait of Gibraltar from coastal altimetry and in-situ measurements	Remote Sensing of Environment. 2019, 221, p. 596-608 DOI: 10.1016/j.rse.2018.11.042
Gutiérrez, José Manuel; Maraun, Douglas; Widmann, Martin; Huth, Radan; Hertig, Elke; Benestad, R.; Roessler, O.; Wibig, Joanna; Wilcke, R.; Kotlarski, Sven; San-Martín, Daniel; Herrera García, Sixto; Bedia, Joaquín; Casanueva, Ana; Manzananas, Rodrigo; Iturbide, M.; Vrac, M.; Dubrovsky, Martin; Ribalaygua Batalla, Jaime; Pórtoles, Javier; Rätty, O.; Räisänen, J.; Hingray, B.; Raynaud, D.; Casado Calle,	An intercomparison of a large ensemble of statistical downscaling methods over Europe: Results from the VALUE perfect predictor cross-validation experiment	International Journal of Climatology. 2019, 39(9), p. 3750-3785 DOI: 10.1002/joc.5462

<p>María Jesús; Ramos Calzado, Petra; Zerenner, T.; Turco, Marco; Bosshard, T.; Štěpánek, P.; Bartholy, Judit; Pongracz, R.; Keller, Daphne E.; Fischer, Andreas M.; Cardoso, Rita M.; Soares, Pedro M. M.; Czernecki, B.; Pagé, C.</p>		
<p>Fernández-González, Sergio; Sastre, Mariano; Valero Rodríguez, Francisco; Merino Suances, Andrés; García Ortega, Eduardo; Sánchez Gómez, José Luis; Lorenzana, Jesús; Martín Pérez, María Luisa</p>	<p>Characterization of spread in a mesoscale ensemble prediction system: multiphysics versus initial conditions</p>	<p>Meteorologische Zeitschrift. 2019, 28(1), p. 59-67 DOI: 10.1127/metz/2018/0918</p>
<p>Meseguer, Óliver; Ponce Philimon, Paulina I.; Guijarro, José Antonio; Sarricolea, Pablo</p>	<p>Spatial distribution and trends of different precipitation variability indices based on daily data in Northern Chile between 1966 and 2015</p>	<p>International Journal of Climatology. 2019, 39(2), p. 4595-4610 DOI: 10.1002/joc.6089</p>
<p>Zhang, Gangfeng; Azorín Molina, César; Shi, Peijun; Lin, Degeng; Guijarro, José Antonio; Kong, Feng; Chen, Deliang</p>	<p>Impact of near-surface wind speed variability on wind erosion in the eastern agro-pastoral transitional zone of Northern China, 1982-2016</p>	<p>Agricultural and forest meteorology. 2019, 271, p. 102-115 DOI: 10.1016/j.agrformet.2019.02.039</p>
<p>Salvador, Pedro; Molero, Francisco; Fernández, Alfonso Javier; Tobías, Aurelio; Pandolfi, Marco; Gómez</p>	<p>Synergistic effect of the occurrence of African dust outbreaks on atmospheric pollutant levels in the Madrid metropolitan area</p>	<p>Atmospheric Research. 2019, 226, p. 208-218</p>

<p>Moreno, F. J.; Barreiro, Marcos; Pérez, Noemí; Martínez Marco, Isabel; Revuelta, María Aránzazu; Querol, Xavier; Artíñano, Begoña</p>		<p>DOI: 10.1016/j.atmosres.2019.04.025</p>
<p>González Arribas, Daniel; Soler, Manuel; Sanjurjo Rivo, Manuel; Kamgarpour, Maryam; Simarro, Juan Pablo</p>	<p>Robust aircraft trajectory planning under uncertain convective environments with optimal control and rapidly developing thunderstorms</p>	<p>Aerospace Science and Technology. 2019, 89, p. 445-459 DOI: 10.1016/j.ast.2019.03.051</p>
<p>Román Cascón, Carlos; Yagüe, Carlos; Steeneveld, Gert-Jan; Morales Martín, Gema; Arrillaga, Jon A.; Sastre, Mariano; Maqueda, Gregorio</p>	<p>Radiation and cloud-base lowering fog events: Observational analysis and evaluation of WRF and HARMONIE</p>	<p>Atmospheric Research. 2019, 229, p. 190-207 DOI: 10.1016/j.atmosres.2019.06.018</p>
<p>López Moreno, Juan Ignacio; Navarro-Serrano, F.; Azorín Molina, César; Sánchez-Navarrete, P.; Alonso-González, E.; Rico, I.; Morán Tejeda, Enrique; Buisán, Samuel; Revuelto, Jesús; Pons, Marc; Vicente Serrano, Sergio Martín</p>	<p>Air and wet bulb temperature lapse rates and their impact on snowmaking in a Pyrenean ski resort</p>	<p>Theoretical and Applied Climatology. 2019, 135, p. 1361-1373 DOI: 10.1007/s00704-018-2448-y</p>
<p>López Moreno, Juan Ignacio; Alonso-González, E.; Monserrat, O.; Río, L. M. del; Otero, J.; Lapazaran, J. J.; Luzi, G.; Dematteis, N.; Serreta, Alfredo; Rico, I.; Serrano Cañadas, Enrique; Bartolomé, M.; Moreno, Ana; Buisán, Samuel; Revuelto, Jesús</p>	<p>Ground-based remote-sensing techniques for diagnosis of the current state and recent evolution of the Monte Perdido Glacier, Spanish Pyrenees</p>	<p>Journal of Glaciology. 2019, 65(249), p. 85-100 DOI: 10.1017/jog.2018.96</p>

<p>García Pereda, Javier; Fernández Serdán, José Miguel; Alonso Lasheras, Óscar; Sanz, Adrián; Guerra, Rocío; Ariza Guerrero, Cristina; Santos Atienza, Inés; Fernández Donado, Laura</p>	<p>NWCSAF High Resolution Winds (NWC/GEO-HRW) Stand-Alone Software for Calculation of Atmospheric Motion Vectors and Trajectories</p>	<p>Remote Sensing. 2019, 11(17), 2032 DOI: 10.3390/rs11172032</p>
<p>Bastin, Sophie; Drobinski, Philippe; Chiriaco, Marjolaine; Bock, Olivier; Roehrig, Romain; Gallardo, Clemente; Conte, Dario; Domínguez Alonso, Marta; Li, Laurent; Lionello, Piero; Parracho, Ana C.</p>	<p>Impact of humidity biases on light precipitation occurrence: observations versus simulations</p>	<p>Atmospheric Chemistry and Physics. 2019, 19(3), p. 1471-1490 DOI: 10.5194/acp-19-1471-2019</p>
<p>Bravo Paredes, Nieves; Gallego, M. C.; Antón, Manuel; Núñez Corchero, Marcelino; Vaquero, J. M.</p>	<p>Analysis of actinometric measurements under allsky and cloud-free conditions in Cáceres (Spain) for the period 1913-1920</p>	<p>Tellus B. 2019, 71(1) DOI: 10.1080/16000889.2019.1663597</p>
<p>Tapiador, Francisco J.; Marcos Martín, Cecilia; Sancho Ávila, Juan Manuel</p>	<p>The convective rainfall rate from cloud physical properties algorithm for meteosat second-generation satellites: microphysical basis and intercomparisons using an object-based method</p>	<p>Remote Sensing. 2019, 11(5), 527 DOI: 10.3390/rs11050527</p>
<p>Garane, Katerina; Koukouli, Maria-Elissavet; Verhoelst, T.; Lerot, C.; Heue, Klaus-Peter; Fioletov, V. E.; Balis, Dimitrios; Bais, Alkiviadis F.; Bazureau, Ariane; Dehn, Angelika; Goutail, Florence; Granville, J.; Griffin, Debora; Hubert, Daan; Keppens, Arno; Lambert, J.-C.; Loyola, D.; McLinden, Chris; Pazmino, Andrea;</p>	<p>TROPOMI/S5P total ozone column data: global ground-based validation and consistency with other satellite missions</p>	<p>Atmospheric Measurement Techniques. 2019, 12(10), p. 5263-5287 DOI: 10.5194/amt-12-5263-2019</p>

<p>Pommereau, J.-P.; Redondas, Alberto, etc.</p>		
<p>Maraun, Douglas; Huth, Radan; Gutiérrez Llorente, José Manuel; San-Martín, Daniel; Dubrovsky, Martin; Fischer, Andreas M.; Hertig, Elke; Soares, Pedro M. M.; Bartholy, Judit; Pongracz, R.; Widmann, Martin; Casado Calle, María Jesús; Ramos Calzado, Petra; Bedia, Joaquín</p>	<p>The VALUE perfect predictor experiment: evaluation of temporal variability</p>	<p>International Journal of Climatology. 2019, 39(9), p. 3786-3818 DOI: 10.1002/joc.5222</p>
<p>Widmann, Martin; Bedia, Joaquín; Gutiérrez Llorente, José Manuel; Bosshard, T.; Hertig, Elke; Maraun, Douglas; Casado Calle, María Jesús; Ramos Calzado, Petra; Cardoso, Rita M.; Soares, Pedro M. M.; Ribalaygua Batalla, Jaime; Pagé, C.; Fischer, Andreas M.; Herrera García, Sixto; Huth, Radan</p>	<p>Validation of spatial variability in downscaling results from the VALUE perfect predictor experiment</p>	<p>International Journal of Climatology. 2019, 39(9), p. 3819-3845 DOI: 10.1002/joc.6024</p>
<p>Navarro-Serrano, F.; López Moreno, Juan Ignacio; Azorín Molina, César; Buisán, Samuel; Domínguez Castro, Fernando; Sanmiguel-Valladolid, A.; Alonso-González, E.; Khorchani, M.</p>	<p>Air temperature measurements using autonomous self-recording dataloggers in mountainous and snow covered areas</p>	<p>Atmospheric Research. 2019, 224, p. 168-179 DOI: 10.1016/j.atmosres.2019.03.034</p>
<p>Tarasick, David W.; Galbally, I. E.; Cooper, O. R.; Schultz, M.; Ancellet, G.; Leblanc, Thierry; Wallington,</p>	<p>Tropospheric Ozone Assessment Report: Tropospheric ozone from 1877 to 2016, observed levels, trends and uncertainties</p>	<p>Elementa: Science of the Anthropocene. 2019, 7:39, p. 1-72 DOI: 10.1525/elementa.376</p>

<p>Timothy J.; Ziemke, J. R.; Xiong, Liu; Steinbacher, Martin; Staehelin, Johannes; Vigouroux, Corinne; Hannigan, J. W.; García Rodríguez, Omaira Elena; etc.</p>		
<p>Merino Suances, Andrés; García Ortega, Eduardo; Fernández-González, Sergio; Díaz Fernández, J.; Quitián Hernández, Lara; Martín Pérez, María Luisa; López Campano, Laura; Marcos, J. L.; Valero Rodríguez, Francisco; Sánchez Gómez, José Luis</p>	<p>Aircraft icing: in-cloud measurements and sensitivity to physical parameterizations</p>	<p>Geophysical Research Letters. 2019, 46(20), p. 11559-11567 DOI: 10.1029/2019GL084424</p>
<p>Benavent Oltra, J.A.; Román, Roberto; Casquero Vera, J. A.; Pérez Ramírez, D.; Lyamani, Hassan; Ortiz Amezcu, Pablo; Bedoya Velásquez, Andrés Esteban; Arruda Moreira, Gregori de; Barreto, África; etc.</p>	<p>Different strategies to retrieve aerosol properties at night-time with the GRASP algorithm</p>	<p>Atmospheric Chemistry and Physics. 2019, 19(22), p. 14149-14171 DOI: 10.5194/acp-19-14149-2019</p>
<p>Waza, Andebo; Schneiders, Kilian; May, Jan; Rodríguez González, Sergio; Epple, Bernd; Kandler, Konrad</p>	<p>Field comparison of dry deposition samplers for collection of atmospheric mineral dust: results from single-particle characterization</p>	<p>Atmospheric Measurement Techniques. 2019, 12(12), p. 6647-6665 DOI: 10.5194/amt-12-6647-2019</p>
<p>Rontu, Laura; Pietikäinen, Joni-Pekka; Martín Pérez, Daniel</p>	<p>Renewal of aerosol data for ALADIN-HIRLAM radiation parametrizations</p>	<p>Advances in Science and Research. 2019, 16, p. 129-136 DOI: 10.5194/asr-16-129-2019</p>

<p>Schröder, Marc; Lockhoff, M.; Shi, L.; August, T.; Bennartz, R.; Brogniez, H.; Calbet, Xavier; Fell, F.; Forsythe, J.; Gambacorta, A.; Ho, S.-P.; Kursinski, E. R.; Reale, A.; Trent, Tim; Yang, Q.</p>	<p>The GEWEX water vapor assessment: overview and introduction to results and recommendations</p>	<p>Remote Sensing. 2019, 11(3), 251 DOI: 10.3390/rs11030251</p>
<p>Santek, David; Dworak, Richard; Nebuda, Sharon; Wanzong, Steve; Borde, Régis; Genkova, Iliana; García Pereda, Javier; Galante Negri, Renato; Carranza, Manuel; Nonaka, Kenichi; Shimoji, Kazuki; Oh, Soo Min; Lee, Byung-II; Chung, Sung-Rae; Daniels, Jaime; Bresky, Wayne</p>	<p>2018 Atmospheric Motion Vector (AMV): intercomparison study</p>	<p>Remote Sensing. 2019, 11(19), 2240 DOI: 10.3390/rs11192240</p>
<p>Frogner, Inger-Lise; Andrae, Ulf; Bojarova, Jelena; Callado, Alfons; Escribá, Pau; Feddersen, Henrik; Hally, Alan; Kauhanen, Janne; Randriamampianina, Roger; Singleton, Andrew; Smet, Geert; van der Veen, Sibbo; Vignes, O.</p>	<p>HarmonEPS—The HARMONIE Ensemble Prediction System</p>	<p>Weather and Forecasting. 2019, 34, p. 1909-1937 DOI: 10.1175/WAF-D-19-0030.1</p>
<p>Schmid, Franziska; Bañón Paregrín, Luis; Agersten, Solfrid; Atencia, Aitor; de Coning, Estelle; Kann, Alexander; Wang, Yong; Wapler, Kathrin</p>	<p>Conference Report: Third European Nowcasting Conference</p>	<p>Meteorologische Zeitschrift. 2019, 28(5), p. 447-450 DOI: 10.1127/metz/2019/0983</p>
<p>Vaquero Martínez, Javier; Antón, Manuel; Ortiz de Galisteo, José Pablo; Román, Roberto; Cachorro, Victoria E.; Mateos, David</p>	<p>Comparison of integrated water vapor from GNSS and radiosounding at four GRUAN stations</p>	<p>Science of the Total Environment. 2019, 648, p. 1639-1648 DOI: 10.1016/j.scitotenv.2018.08.192</p>

<p>García Sobrino, Joaquín; Laparra, Valero; Serra-Sagrìstà, Joan; Calbet, Xavier; Camps Valls, Gustavo</p>	<p>Improved statistically based retrievals via spatial-spectral data compression for IASI data</p>	<p>IEEE Transactions on Geoscience and Remote Sensing. 2019, 57(8), p. 5651-5668 DOI: 10.1109/TGRS.2019.2901396</p>
<p>García Cabrera, Rosa Delia; Cuevas Agulló, Emilio; Barreto, África; Cachorro, Victoria E.; Pó, Mario; Ramos López, Ramón; Hoogendijk, Kees</p>	<p>Characterization of an EKO MS-711 spectroradiometer: aerosol retrieval from spectral direct irradiance measurements and corrections of the circumsolar radiation</p>	<p>Atmospheric Measurement Techniques Discussions. 2019 doi:10.5194/amt-2019-467</p>
<p>Voces Aboy, José; Abia Llera, Inmaculada; Sánchez García, Eroteida; Navascués, Beatriz; Rodríguez Camino, Ernesto; Garrido del Pozo, Nieves; García Gómez, María Concepción; Álvarez González, José Adolfo; Pastor Argüello, Fernando</p>	<p>Web-based decision support toolbox for Spanish reservoirs</p>	<p>Advances in Science and Research. 2019, 16, p. 157-163 DOI: 10.5194/asr-16-157-2019</p>
<p>Sánchez García, Eroteida; Voces Aboy, José; Navascués, Beatriz; Rodríguez Camino, Ernesto</p>	<p>Regionally improved seasonal forecast of precipitation through Best estimation of winter NAO</p>	<p>Advances in Science and Research. 2019, 16, p. 165-174 DOI: 10.5194/asr-16-165-2019</p>
<p>Baez-Ferrer, N.; Dominguez Rodriguez, A.; Hernandez-Vaquero, D.; Rodriguez, S.; Avanzas, P.; Abreu-Gonzalez, P.; Cuevas, E.</p>	<p>Is there an association between Saharan dust events and acute coronary syndrome incidence?</p>	<p>European Heart Journal. 2019, 40(Supplement1) DOI: 10.1093/eurheartj/ehz745.0294</p>
<p>Rodríguez González, Sergio; Calzolari, Giulia; Chiari, Massimo; Nava, Silvia; García Álvarez, María Isabel; López-Solano, Javier; Marrero, Carlos; López-</p>	<p>Rapid changes of dust geochemistry in the Saharan Air Layer linked to sources and meteorology</p>	<p>Atmospheric Environment. 2019 DOI: 10.1016/j.atmosenv.2019.01.006</p>

<p>Darias, Jessica; Cuevas Agulló, Emilio; Alonso-Pérez, Silvia; Prats Porta, Natalia; Amato, F.; Lucarelli, Franco; Querol, Xavier</p>		
<p>Gonzalez, Sergi; Bañón García, Manuel; Albero, José V.; Larramendi, Ramón; Moreno, Hermenegildo; Vasallo, Francisco; Sanz, Pablo; Quesada, Antonio; Justel, Ana</p>	<p>Weather observations of remote polar areas using an AWS onboard a unique zero-emissions polar vehicle</p>	<p>Bulletin of the American Meteorological Society. 2019, 100(10), p. 1891-1895 DOI: 10.1175/BAMS-D-19-0110.1</p>
<p>Feki, Haifa; Tramblay, Yves; Quintana Seguí, Pere; Guijarro, José Antonio; Carreau, Julie</p>	<p>The SAFRAN daily gridded precipitation product in Tunisia (1979-2015)</p>	<p>International Journal of Climatology. 2019, 39(15), p. 5830-5838 DOI: 10.1002/joc.6181</p>
<p>Rodríguez Guisado, Esteban; Serrano de la Torre, Antonio Ángel; Sánchez García, Eroteida; Domínguez Alonso, Marta; Rodríguez Camino, Ernesto</p>	<p>Development of an empirical model for seasonal forecasting over the Mediterranean</p>	<p>Advances in Science and Research. 2019, 16, p. 191-199 DOI: 10.5194/asr-16-191-2019</p>
<p>Che, Huizheng; Gui, Ke; Xia, Xiangao; Wang, Yaqiang; Holben, Brent N.; Goloub, Philippe; Cuevas Agulló, Emilio; Wang, Hong; Zheng, Yu; Zhao, Hujia; Zhang, Xiaoye</p>	<p>Large contribution of meteorological factors to inter-decadal changes in regional aerosol optical depth</p>	<p>Atmospheric Chemistry and Physics. 2019, 19(16), p. 10497-10523 DOI: 10.5194/acp-19-10497-2019</p>
<p>Cuevas Agulló, Emilio; Romero Campos, Pedro Miguel; Kouremeti, Natalia; Kazadzis, Stelios; Räisänen, Petri; García Cabrera, Rosa Delia; Barreto,</p>	<p>Aerosol optical depth comparison between GAW-PFR and AERONET-Cimel radiometers from long-term (2005-2015) 1 min synchronous measurements</p>	<p>Atmospheric Measurement Techniques. 2019, 12(8), p. 4309-4337 DOI: 10.5194/amt-12-4309-2019</p>

<p>África; Guirado-Fuentes, Carmen; Ramos López, Ramón; Toledano, Carlos; Almansa Rodríguez, Antonio F.; Gröbner, Julian</p>		
<p>Zhou, Minqiang; Langerock, Bavo; Vigouroux, Corinne; Sha, Mahesh K.; Hermans, Christian; Metzger, Jean-Marc; Chen, Huilin; Ramonet, M.; Kivi, Rigel; Heikkinen, Pauli; Smale, Dan; Pollard, David; Jones, Nicholas; Velazco, Voltaire A.; García Rodríguez, Omaira Elena; Schneider, Matthias; Palm, Mathias; Warneke, Thorsten; Mazière, Martine de</p>	<p>TCCON and NDACC XCO measurements: difference, discussion and application</p>	<p>Atmospheric Measurement Techniques. 2019, 12(11), p. 5979-5995 DOI: 10.5194/amt-12-5979-2019</p>
<p>Díaz, J.; Carmona, R.; Mirón, I.J.; Luna, M.Y.; Linares, C.</p>	<p>Time trends in the impact attributable to cold days in Spain: incidence of local factors</p>	<p>Science of The Total Environment. 2019, 655, p. 305-312 DOI: 10.1016/j.scitotenv.2018.11.25</p>
<p>Che, Huizheng; Xia, Xiangao; Zhao, Hujia; Dubovik, Oleg; Holben, Brent N.; Goloub, Philippe; Cuevas Agulló, Emilio; etc.</p>	<p>Spatial distribution of aerosol microphysical and optical properties and direct radiative effect from the China Aerosol Remote Sensing Network</p>	<p>Atmospheric Chemistry and Physics. 2019, 19(18), p. 11843-11864 DOI: 10.5194/acp-19-11843-2019</p>
<p>Gómez-Navarro, J.J.; Raible, C.C.; García-Valero, J.A.; Messmer, M.; Montávez, J.P.; Martius, O.</p>	<p>Event selection for dynamical downscaling: a neural network approach for physically-constrained precipitation events</p>	<p>Climate Dynamics. 2019, p. 1-17 DOI: 10.1007/s00382-019-04818-w</p>
<p>Berjón, Alberto; Barreto, África; Hernández Pérez, Carmen Yballa; Yela,</p>	<p>A 10-year characterization of the Saharan Air Layer lidar ratio in the subtropical North Atlantic</p>	<p>Atmospheric Chemistry and Physics. 2019, 19(9), p. 6331-6349</p>

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Domínguez Rodríguez, Alberto; Baez Ferrer, Néstor; Rodríguez González, Sergio ... Cuevas Agulló, Emilio; Consuegra-Sánchez, Luciano ... etc.	Impacto de la exposición a la calima del polvo del Sáhara en los pacientes con insuficiencia cardiaca aguda atendidos en un servicio de urgencias	Emergencias. 2019, 31, p. 161-166
Domínguez Castro, Fernando; Vicente Serrano, Sergio Martín; Tomas Burguera, Miquel; Peña Gallardo, Marina; Begueria, Santiago; El-Kenawy, Ahmed; Luna Rico, Yolanda; Morata Gasca, Ana	High-spatial-resolution probability maps of drought duration and magnitude across Spain	Natural Hazards and Earth System Sciences. 2019, 19(3), p. 611-628 DOI: 10.5194/nhess-19-611-2019
Gonzalez, Sergi; Bech, Joan; Udina, Mireia; Codina, B.; Paci, Alexandre; Traperó, L.	Decoupling between precipitation processes and mountain wave induced circulations observed with a vertically pointing K-band Doppler radar	Remote Sensing. 2019, 11(9), 1034 DOI: 10.3390/rs11091034
Quintero Plaza, David; García-Moya, José Antonio	Statistical postprocessing of different variables for airports in Spain using machine learning	Advances in Meteorology. 2019, p. 1-14 DOI: 10.1155/2019/3181037
Valenzuela, Pablo; Zêzere, José Luís; Domínguez-Cuesta, María José ; Mora García, Manuel Antonio	Empirical rainfall thresholds for the triggering of landslides in Asturias (NW Spain)	Landslides. 2019, p. 1-16 DOI: 10.1007/s10346-019-01170-2
Gómez Peláez, Ángel Jesús; Ramos López, Ramón; Cuevas Agulló, Emilio; Gómez-Trueba, Vanessa; Reyes, Enrique	Atmospheric CO₂, CH₄, and CO with the CRDS technique at the Izaña Global GAW station: instrumental tests, developments, and first measurement results	Atmospheric Measurement Techniques. 2019, 12(4), p. 2043-2066 DOI: 10.5194/amt-12-2043-2019

<p>Frey, Matthias; Sha, Mahesh K.; Hase, Frank... ; García Rodríguez, Omaira Elena; etc.</p>	<p>Building the COllaborative Carbon Column Observing Network (COCCON): long-term stability and ensemble performance of the EM27/SUN Fourier transform spectrometer</p>	<p>Atmospheric Measurement Techniques. 2019, 12(3), p. 1513-1530 DOI: 10.5194/amt-12-1513-2019</p>
<p>Fernández-González, Sergio; Bolgiani, Pedro; Fernández, Javier; González Santana, Pino; García Gil, Alejandro Manuel; Suárez González, Juan Carlos; Merino Suances, Andrés</p>	<p>Forecasting of poor visibility episodes in the vicinity of Tenerife Norte Airport</p>	<p>Atmospheric Research. 2019, 223, p. 49-59 DOI: 10.1016/j.atmosres.2019.03.012</p>
<p>García Cabrera, Rosa Delia; Cuevas Agulló, Emilio; Ramos López, Ramón; Cachorro, Victoria E.; Redondas, Alberto; Moreno Ruiz, José A.</p>	<p>Description of the Baseline Surface Radiation Network (BSRN) station at the Izaña Observatory (2009-2017): measurements and quality control/assurance procedures</p>	<p>Geoscientific Instrumentation, Methods and Data Systems. 2019, 8(1), p. 77-96 DOI: 10.5194/gi-8-77-2019</p>
<p>Barreto, A., Román, R., Cuevas, E., Pérez-Ramírez, D., Berjón, A.J., Kouremeti, N., Kazadzis, S., Gröbner, J., Mazzola, M., Toledano, C., Benavent-Oltra, J.A., Doppler, L., Juryšek, J., Almansa, A.F. ; etc.</p>	<p>Evaluation of night-time aerosols measurements and lunar irradiance models in the frame of the first multi-instrument nocturnal intercomparison campaign</p>	<p>Atmospheric Environment. 2019, 202, p. 190-211 DOI: 10.1016/j.atmosenv.2019.01.006</p>
<p>Tsuruta, Aki; Aalto, Tuula; Backman, Leif; Krol, Maarten C ... Kauhaniemi, Mari; Gómez Peláez, Ángel Jesús</p>	<p>Methane budget estimates in Finland from the CarbonTracker Europe-CH4 data assimilation system</p>	<p>Tellus B. 2019, 71, 1445379 DOI: 10.1080/16000889.2018.1565030</p>
<p>Wei, Zhongwang; Lee, Xuhui; Aemisegger, Franziska; Benett, Marion; Berkelhammer, Max; Casado, Mathieu; Caylor, Kelly; Christner, Emanuel;</p>	<p>A global database of water vapor isotopes measured with high temporal resolution infrared laser spectroscopy</p>	<p>Scientific Data. 2019, 6:180302 DOI: 10.1038/sdata.2018.302</p>

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