<table>
<thead>
<tr>
<th>AUTOR</th>
<th>TÍTULO</th>
<th>PUBLICACIÓN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Azorín Molina, César; McVicar, Tim R.; Guijarro, José Antonio; Trewin, Blair C.; Frost, Andrew J.; Zhang, Gangfeng; Minola, Lorenzo; Son, Seok-Woo; Deng, Kaiqiang; Chen, Deliang</td>
<td><em>A decline of observed daily peak wind gusts with distinct seasonality in Australia, 1941-2016</em></td>
<td>Journal of Climate. 2021, 34(8), p. 3103-3127 doi: <a href="https://doi.org/10.1175/JCLI-D-20-0590.1">10.1175/JCLI-D-20-0590.1</a></td>
</tr>
<tr>
<td>Domonkos, Peter; Guijarro, José Antonio; Venema, Victor K. C.; Brunet, Manola; Sigró, Javier</td>
<td><em>Efficiency of time series homogenization: method comparison with 12 monthly temperature test datasets</em></td>
<td>Journal of Climate. 2021, 34(8), p. 2877-2891 doi: <a href="https://doi.org/10.1175/JCLI-D-20-0611.1">10.1175/JCLI-D-20-0611.1</a></td>
</tr>
<tr>
<td>Zhang, Gangfeng; Azorín Molina, César; Chen, Deliang; McVicar, Tim R.; Guijarro, José Antonio; Kong, Feng; Minola, Lorenzo; Deng, Kaiqiang; Shi, Peijun</td>
<td><em>Uneven warming likely contributed to declining near-surface wind speeds in Northern China between 1961 and 2016</em></td>
<td>Journal of Geophysical Research: Atmospheres. 2021, 126(11), p. 1-24 doi: <a href="https://doi.org/10.1029/2020JD033637">10.1029/2020JD033637</a></td>
</tr>
<tr>
<td>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.</td>
<td><em>The September 2019 floods in Spain: An example of the utility of satellite data for the analysis of extreme hydrometeorological events</em></td>
<td>Atmospheric Research. 2021, 257, 105588 doi: <a href="https://doi.org/10.1016/j.atmosres.2021.105588">10.1016/j.atmosres.2021.105588</a></td>
</tr>
<tr>
<td>Authors</td>
<td>Title</td>
<td>Journal</td>
</tr>
<tr>
<td>---------</td>
<td>-------</td>
<td>---------</td>
</tr>
<tr>
<td>Mourre, Baptiste; Santana, Alex; Buils, A.; Gautreau, L.; Licer, M.; Jansá Clar, Agustí; Casas, Benjamín; Amengual, Bernat; Tintoré, Joaquín</td>
<td>On the potential of ensemble forecasting for the prediction of meteotsunamis in the Balearic Islands: sensitivity to atmospheric model parameterizations</td>
<td>Natural Hazards. 2021, 106, p. 1315-1336</td>
</tr>
<tr>
<td>Bonsoms, Josep; González Herrero, Sergi; Prohom, Marc; Esteban, Pere; Salvador, Ferrán; López Moreno, Juan Ignacio; Oliva, Marc</td>
<td>Spatio-temporal patterns of snow in the Catalan Pyrenees (NE Iberia)</td>
<td>International Journal of Climatology. 2021, p. 1-22</td>
</tr>
<tr>
<td>Keen, Ann; Blockley, Ed; Bailey, David A.; Boldingh Debernard, Jens; Bushuk, Mitchell; Delhaye, Steve; Docquier, David; Feltham, Daniel; Massonnet, François; O’Farrell, Siobhan … Rodríguez González, José María … etc.</td>
<td>An inter-comparison of the mass budget of the Arctic sea ice in CMIP6 models</td>
<td>The Cryosphere. 2021, 15(2), p. 951-982</td>
</tr>
<tr>
<td>Alfonso, Marta de; Lin-Ye, Jue; García-Valdecasas, José Maria; Pérez-Rubio, Susana; Luna Rico, Yolanda; Santos Muñoz, Daniel; Ruiz, M. Isabel; Pérez, Begoña; Álvarez Fanjul, Enrique</td>
<td>Storm Gloria: sea state evolution based on in situ measurements and modeled data and its impact on extreme values</td>
<td>Frontiers in Marine Science. 2021, 8:646873</td>
</tr>
<tr>
<td>Authors</td>
<td>Title</td>
<td>Journal &amp; Volume</td>
</tr>
<tr>
<td>---------</td>
<td>-------</td>
<td>------------------</td>
</tr>
<tr>
<td>Marais, Eloise A.; Roberts, John F.; Ryan, Robert G.; Eskes, Henk J.; Boersma, K. Folkert; Choi, Sungyeon; Joiner, Joanna; Abuhassan, Nader; Redondas, Alberto; Grutter, Michel; Cede, Alexander; Gómez, Laura; Navarro Comas, Mónica</td>
<td>New observations of NO2 in the upper troposphere from TROPOMI</td>
<td>Atmospheric Measurement Techniques. 2021, 14(3), p. 2389-2408</td>
</tr>
<tr>
<td>Minola, Lorenzo; Azorín Molina, César; Guijarro, José Antonio; Zhang, Gangfeng; Son, Seok-Woo; Chen, Deliang</td>
<td>Climatology of near-surface daily peak wind gusts across Scandinavia: observations and model simulations</td>
<td>Journal of Geophysical Research: Atmospheres. 2021, 126(7), p. 1-17</td>
</tr>
<tr>
<td>Curci, Gabriele; Guijarro, José Antonio; Di Antonio, Ludovico; Di Bacco, Mario; Di Lena, Bruno; Scorzini, Anna Rita</td>
<td>Building a local climate reference dataset: application to the Abruzzo region (Central Italy), 1930-2019</td>
<td>International Journal of Climatology. 2021, p. 1-23</td>
</tr>
<tr>
<td>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, Jianguo</td>
<td>Conceptualizing the impact of dust-contaminated infrared radiances on data assimilation for numerical weather prediction</td>
<td>Journal of Atmospheric and Oceanic Technology. 2021, 38(2), p. 209-221</td>
</tr>
<tr>
<td>Evangeliou, Nikolaos; Platt, Stephen M.; Eckhardt, Sabine; Myhre, Cathrine Lund ... Prats Porta, Natalia ... etc.</td>
<td>Changes in black carbon emissions over Europe due to COVID-19 lockdowns</td>
<td>Atmospheric Chemistry and Physics. 2021, 21(4), p. 2675-2692</td>
</tr>
<tr>
<td>Authors</td>
<td>Title</td>
<td>Journal</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Sepúlveda, Edgardo; Cordero, Raul R.; Damiani, Alessandro; Feron, Sarah; Pizarro, Jaime; Zamorano, Felix; Kivi, Rigel; Sánchez, Ricardo; Yela, Margarita ... Redondas, Alberto; Rowe, Penny M.</td>
<td>Evaluation of Antarctic ozone profiles derived from OMPS LP by using balloon borne ozonesondes</td>
<td>Scientific Reports. 2021, 11:4288</td>
</tr>
<tr>
<td>Blumenstock, Thomas; Hase, Frank; Keens, Axel; Czurlok, Denis; Colebatch, Orfeo; García Rodríguez, Omaira Elena, etc.</td>
<td>Characterization and potential for reducing optical resonances in Fourier transform infrared spectrometers of the Network for the Detection of Atmospheric Composition Change (NDACC)</td>
<td>Atmospheric Measurement Techniques. 2021, 14, p. 1239-1252</td>
</tr>
<tr>
<td>Steinbrecht, Wolfgang; Kubistin, Dagmar; Plass-Dülmer ... Hernández, J. L.; Díaz Rodríguez, Ana Maria; Nakano, Tatsumi; Chouza, Fernando; Leblanc, Thierry; Torres, Carlos; García Rodríguez, Omaira Elena etc.</td>
<td>COVID-19 Crisis Reduce Free Tropospheric Ozone across the Northern Hemisphere</td>
<td>Geophysical Research Letters. 2021, 48</td>
</tr>
<tr>
<td>Alonso, Rafael; García del Pozo, José María; Buisán, Samuel; Álvarez, José Adolfo</td>
<td>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)</td>
<td>Remote Sensing. 2021, 13(4), 616</td>
</tr>
<tr>
<td>Merino, Andrés; García Ortega, Eduardo; Navarro, Andrés; Fernández-González, Sergio ; Tapiador, Francisco J.; Sánchez, José Luis</td>
<td>Evaluation of gridded rain-gauge-based precipitation datasets: impact of station density, spatial resolution, altitude gradient and climate</td>
<td>Internacional Journal of Climatology. 2021, p. 1-17</td>
</tr>
<tr>
<td>Authors</td>
<td>Title</td>
<td>Journal</td>
</tr>
<tr>
<td>---------</td>
<td>----------------------------------------------------------------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>Sun, Bomin; Calbet, Xavier; Reale, Anthony; Schroeder, Steven; Bali, Manik; Smith, Ryan; Pettey, Michael</td>
<td>Accuracy of Vaisala RS41 and RS92 upper tropospheric humidity compared to satellite hyperspectral infrared measurements</td>
<td>Remote Sensing. 2021, 13(2), 173</td>
</tr>
<tr>
<td>Molero, Francisco; Fernández, Alfonso; Revuelta, María Aránzazu; Martínez Marco, Isabel; Pujadas, Manuel; Artiñano, Begoña</td>
<td>Effect of vertical profile of aerosols on the local shortwave radiative forcing estimation</td>
<td>Atmosphere. 2020, 12(2), 187</td>
</tr>
<tr>
<td>Rodríguez González, Sergio; Prospero, Joseph M.; López-Darias, Jessica; García Álvarez, María Isabel; Zuidema, Paquita; Nava, Sílvia; Lucarelli, Franco; Gaston, Cassandra J.; Galindo, L.; Sosa, Elisa</td>
<td>Tracking the changes of iron solubility and air pollutants traces as African dust transits the Atlantic in the Saharan dust outbreaks</td>
<td>Atmospheric Environment. 2021, 246, 118092</td>
</tr>
<tr>
<td>García Cabrera, Rosa Delia; Cuevas Agulló, Emilio; Cachorro, Victoria E.; García Rodríguez, Omaira Elena; Barreto, África; Almansa Rodríguez, Antonio F.; Romero Campos, Pedro Miguel; Ramos López, Ramón; Pó, Mario; Hoogendijk, Kees; Gross, Jochen</td>
<td>Water vapor retrievals from spectral direct irradiance measured with an EKO MS-711 spectroradiometer—intercomparison with Other Techniques</td>
<td>Remote Sensing. 2021, 13(30), 350</td>
</tr>
<tr>
<td>Authors</td>
<td>Title</td>
<td>Journal</td>
</tr>
<tr>
<td>------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>Soula, Serge; Pineda, Nicolau; Georgis, Jean-François; Leroy, Antoine; Vanpoucke, Igor; Montanyà, Joan; Casellas, Enric; Gonzalez, Sergi; Joan Bech</td>
<td>On the conditions for winter lightning at the Eagle Nest Tower (2537 m asl) during the Cerdanya-2017 field experiment</td>
<td>Atmospheric Research.</td>
</tr>
<tr>
<td>Suárez Molina, David; Fernández-González, Sergio; Montero, Gustavo; Oliver, Albert; Suárez González, Juan Carlos</td>
<td>Sensitivity analysis of the WRF model: Assessment of performance in high resolution simulations in complex terrain in the Canary Islands</td>
<td>Atmospheric Research.</td>
</tr>
</tbody>
</table>