

- López-Avilés, A., García-Alix, A., Jiménez-Moreno, G., Anderson, R.S., Toney, J.L., Mesa-Fernández, J.M., Jiménez-Espejo, F.J., 2021. Latest Holocene paleoenvironmental and paleoclimate reconstruction from an alpine bog in the Western Mediterranean region: The Borreguil de los Lavaderos de la Reina record (Sierra Nevada). *Palaeogeography, Palaeoclimatology, Palaeoecology* 573, 110434.
- Camuera, J., Jiménez-Moreno, G., Ramos-Román, M.J., García-Alix, A., Jiménez-Espejo, F.J., Toney, J.L., Anderson, R.S., 2021. Chronological control and centennial-scale climatic subdivisions of the Last Glacial Termination in the western Mediterranean region. *Quaternary Science Reviews* 255, 106814.
- Jiménez-Moreno, G., Anderson, R.S., Ramos-Román, M.J., Camuera, J., Mesa-Fernández, J.M., García-Alix, A., Jiménez-Espejo, F.J., Carrión, J.S., López-Avilés, A., 2020. The Holocene *Cedrus* pollen record from Sierra Nevada (S Spain), a proxy for climate change in N Africa. *Quaternary Science Reviews* 242, 106468.
- Toney, J.L., García-Alix, A., Jiménez-Moreno, G., Anderson, R.S., Moossen, H., Seki, O., 2020. New insights into Holocene hydrology and temperature from lipid biomarkers in western Mediterranean alpine wetlands. *Quaternary Science Reviews* 240, 106395.
- García-Alix, A., Toney, J.L., Jiménez-Moreno, G., Pérez-Martínez, C., Jiménez, L., Rodrigo-Gámiz, M., Anderson, R.S., Camuera, J., Jiménez-Espejo, F.J., Peña-Angulo, D., Ramos-Román, M.J., 2020. Algal lipids reveal unprecedented warming rates in alpine areas of SW Europe during the Industrial Period. *Clim. Past* 16, 245-263.
- Jiménez, L., Conde-Porcuna, J.M., García-Alix, A., Toney, J.L., Anderson, R.S., Heiri, O., Pérez-Martínez, C., 2019. Ecosystem Responses to Climate-Related Changes in a Mediterranean Alpine Environment Over the Last ~ 180 Years. *Ecosystems* 22, 563-577.
- Camuera, J., Jiménez-Moreno, G., Ramos-Román, M.J., García-Alix, A., Toney, J.L., Anderson, R.S., Jiménez-Espejo, F., Bright, J., Webster, C., Yanes, Y., Carrión, J.S., 2019. Vegetation and climate changes during the last two glacial-interglacial cycles in the western Mediterranean: A new long pollen record from Padul (southern Iberian Peninsula). *Quaternary Science Reviews* 205, 86-105.
- Manzano, S., Carrión, J.S., López-Merino, L., Jiménez-Moreno, G., Toney, J.L., Armstrong, H., Anderson, R.S., García-Alix, A., Pérez, J.L.G., Sánchez-Mata, D., 2019. A palaeoecological approach to understanding the past and present of Sierra Nevada, a Southwestern European biodiversity hotspot. *Global and Planetary Change* 175, 238-250.
- Mesa-Fernández, J.M., Jiménez-Moreno, G., Rodrigo-Gámiz, M., García-Alix, A., Jiménez-Espejo, F.J., Martínez-Ruiz, F., Anderson, R.S., Camuera, J., Ramos-Román, M.J., 2018. Vegetation and geochemical responses to Holocene rapid climate change in the Sierra Nevada (southeastern Iberia): the Laguna Hondera record. *Clim. Past* 14, 1687-1706.
- Camuera, J., Jiménez-Moreno, G., Ramos-Román, M.J., García-Alix, A., Toney, J.L., Anderson, R.S., Jiménez-Espejo, F., Kaufman, D., Bright, J., Webster, C., Yanes, Y., Carrión, J.S., Ohkouchi, N., Suga, H., Yamame, M., Yokoyama, Y., Martínez-Ruiz, F., 2018. Orbital-scale environmental and climatic changes recorded in a new ~200,000-year-long multiproxy sedimentary record from Padul, southern Iberian Peninsula. *Quaternary Science Reviews* 198, 91-114.
- Ramos-Román, M.J., Jiménez-Moreno, G., Camuera, J., García-Alix, A., Scott Anderson, R., Jiménez-Espejo, F.J., Sachse, D., Toney, J.L., Carrión, J.S., Webster, C., Yanes, Y., 2018.

Millennial-scale cyclical environment and climate variability during the Holocene in the western Mediterranean region deduced from a new multi-proxy analysis from the Padul record (Sierra Nevada, Spain). *Global and Planetary Change* 168, 35-53.

Ramos-Román, M.J., Jiménez-Moreno, G., Anderson, R.S., García-Alix, A., Camuera, J., Mesa-Fernández, J.M., Manzano, S., 2019. Climate controlled historic olive tree occurrences and olive oil production in southern Spain. *Global and Planetary Change* 182, 102996.