

ÁREA DE PATRIMONIO NATURAL Y ARQUEOLÓGICO

RECURSOS GEOLÓGICOS Y PALEOAMBIENTALES (ARAGOSAURUS)

INDEXADAS

The genomic history of Iberian horses since the last Ice Age.

Lira-Garrido, J., Tressières, G., Chauvey, L., Schiavinato, S., Calvière-Tonasso, L., Seguin-Orlando, A., Southon, J., Shapiro, B., Bataille, C., Birgel, J., Wagner, S., Khan, N., Liu, X., Rodanés, J.M., **Picazo Millán, J.V.**, Giralt, J., Alonso, N., Aguilera, I., Orsingher, A., Trentacoste, A., Payà, X., Morán, M., Iborra Eres, M.P., Albizuri, A., Valenzuela Lamas, S., Mestres Santandreu, I., Duran Caixal, M., Principal, J., Farré Huguet, J., Esteve, X., Pedro Pasqual, M., Sala, N., Pablos, A., Martín, P., Vergès, J.M., Portero, R., Arias, P., Ontañón Peredo, R., Detry, C., Luís, C., Cardoso, J.L., Maeir, A.M., Valente, M.J., Grau, E., Estall i Poles, V., Llorens, J.A., Miguélez González, A., Gardeisen, A., Cupito, M., Tecchiati, U., Bradley, D.G., Horwitz, L.K., Rodríguez González, E., Nieto Espinet, A., **Bover, P.**, Ruiz Entrecanales, R., Garcés Estallo, I., Jiménez Frago, J., Celestino, S., Orlando, L. 2025.

Nature Communications 16, 7098.

W.O.S.:15.7

[10.1038/s41467-025-62266-z](https://doi.org/10.1038/s41467-025-62266-z)

Neolithic pastoralism and plant community interactions at high altitudes of the Pyrenees, southern Europe.

Julián-Posada, I., Gil-Romera, G., Garcés-Pastor, S., Heintzman, P.D., Gómez, D., Fillat, F., Moreno, A., Lara-Recuero, J., **Bover, P.**, Montes, L., Sierra, A., 2025.

Communications Earth & Environment 6(1), p.48

W.O.S.:8.9

[10.1038/s43247-025-02023-8](https://doi.org/10.1038/s43247-025-02023-8)

Deep tracks: Using deep learning and procedurally simulated data for automated vertebrate footprints classification

Marqués, Carolina S.; Mota, Alfonso; Belvedere, Matteo; **Castanera, Diego**; Díaz-Martínez, Ignacio; Malafaia, Elisabete; Pereira, Soraia; Rosalino, Luís Miguel; Santos, Vanda F.; Sciscio, Lara; Dufourq, Emmanuel

19138 Ecological Informatics 93 Desconocido 103523 [14 pp.]

W.O.S.: 7.3

[10.1016/j.ecoinf.2025.103523](https://doi.org/10.1016/j.ecoinf.2025.103523)

The gradual shift from forearc basalt-like to boninite-like magmatism during intra-oceanic subduction-initiation recorded by ophiolitic chromite deposits from Cuba

Domínguez-Carretero, D.; Proenza, J. A.; Pujol-Solà, N.; Gervilla, F.; Villanova-de-Benavent, C.;

Colás, V.; Núñez-Cambra, K.; Piñero-Pérez, E.; García-Casco, A.

4081 MINERALIUM DEPOSITA [22 pp.]

Factor de impacto W.O.S.: 4.4

[10.1007/s00126-025-01355-x](https://doi.org/10.1007/s00126-025-01355-x)

Spatiotemporal dynamics of Chionomys nivalis from the Late Pleistocene to the present: insights from ancient DNA and dental morphology

Alfaro-Ibáñez, M.P.; **Bover, P.**; Lira Garrido, J.; **Domínguez, J.C.**; García, J.T.; Martínez-Padilla, J.;

Cuenca-Bescós, G.

4879 QUATERNARY SCIENCE REVIEWS 370 109672

Factor de impacto W.O.S.:3.3

[10.1016/j.quascirev.2025.109672](https://doi.org/10.1016/j.quascirev.2025.109672)

Palaeoecological context of Homo aff. erectus (ATE7-1) at Sima del Elefante (late Early Pleistocene, Atapuerca, Spain) inferred from the herpetofaunal assemblage

Sánchez-Bandera, Christian; Fagoaga, Ana; Blain, Hugues-Alexandre; López-García, Juan Manuel; Núñez-Lahuerta, Carmen; Blanco-Lapaz, Ángel; Galán, Julia; **Moya-Costa, Raquel**; **Cuenca-Bescós, Gloria**; Rodríguez-Álvarez, Xosé Pedro; Huguet, Rosa

3211 JOURNAL OF HUMAN EVOLUTION 209 103772 [17 pp.]

Factor de impacto W.O.S.:3.1

[10.1016/j.jhevol.2025.103772](https://doi.org/10.1016/j.jhevol.2025.103772)

Multi-episodic bauxitization in a karstic and rifted setting (Early Cretaceous, South-western Iberian Basin, Spain): An interdisciplinary approach

Laita, Elisa; Lorenzo, Alejandro; De La Horra, Raúl; Muñoz-García, María Belén; **Yuste, Alfonso;** **Bauluz, Blanca;** Fregenal-Martínez, Marian
5103 Sedimentary Geology 489 106981 [25 pp.]
Factor de impacto W.O.S.: 2.9
[10.1016/j.sedgeo.2025.106981](https://doi.org/10.1016/j.sedgeo.2025.106981)

Revisiting the taxonomy and biogeography of the largest sigmodontine rodent (Rodentia, Cricetidae) through ancient DNA.

Bover, P., Brito, J., Castellanos, F. X., Cuéllar Soto, E., Hutterer, R., **Alfaro-Ibáñez, M.P.,** ... & Pardiñas, U. F. (2025).
Zoological Journal of the Linnean Society 205(4), zlaf167.
W.O.S.:2.8
[10.1093/zoolinlean/zlaf167](https://doi.org/10.1093/zoolinlean/zlaf167)

The Effects of Burning Intensity on the Soil C-Related Properties and Mineralogy of Two Contrasting Forest Soils from Chilean National Parks

Erazo, Karla; Martí-Dalmau, Clara; Badía-Villas, David; Quintana-Esteras, Silvia; Bauluz, Blanca; Merino, Carolina
56277 Fire (Basel) 8 7 277 [18 pp.]
Factor de impacto W.O.S.: 2.7
[10.3390/fire8070277](https://doi.org/10.3390/fire8070277)

Palaeoecological context for the last Neanderthals of inland Iberia: small mammals from Los Casares cave (Guadalajara, Spain)

Domínguez-García, Ángel C.; Cuenca-Bescós, Gloria; **Alfaro-Ibañez, M. Pilar;** Luque, Luis; Alcolea-González, J. Javier; Alcaraz-Castaño, Manuel
4509 PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY 680 113325 [14 pp.]
Factor de impacto W.O.S.: 2.7
[10.1016/j.palaeo.2025.113325](https://doi.org/10.1016/j.palaeo.2025.113325)

Monogenetic volcanism fed by complex magmatic processes: El Negrillar volcanic field (Central Andes, Chile)

Cáceres-Baez, Deborah; **Larrea, Patricia;** Ubide, Teresa; Roberts, Jo; Loaiza, Camila
3728 JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH 459
108273 [13 pp.]
Factor de impacto W.O.S.: 2.4
[10.1016/j.jvolgeores.2025.108273](https://doi.org/10.1016/j.jvolgeores.2025.108273)

Pre-eruptive conditions of Mid-to-Late Holocene eruptions from Lonquimay Volcanic Complex, Southern Andes of Chile

Poblete, Matías; Castruccio, Angelo; **Larrea, Patricia;** Cáceres, Francisco; Romero, Jorge; Bustamante, Oscar
3728 JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH 467 108425 [19 pp.]
Factor de impacto W.O.S.:2.3
[10.1016/j.jvolgeores.2025.108425](https://doi.org/10.1016/j.jvolgeores.2025.108425)

An overview of the Co-Ni-Fe arsenide ore zoning in the Bou Azzer mining district (Central Anti-Atlas, Morocco)

Hajjar, Zaineb; **Fanlo, Isabel;** Ilmen, Said; Bendaoud, Rachida; Gervilla, Fernando
2756 Journal of African Earth Sciences 234 105915 [16 pp.]
Factor de impacto W.O.S.:2.2
[10.1016/j.jafrearsci.2025.105915](https://doi.org/10.1016/j.jafrearsci.2025.105915)

Systematic utility of the phytosaur post-dentary mandibular region

López-Rojas, Víctor; **Moreno-Azanza, Miguel;** Puértolas-Pascual, Eduardo
36689 Papers in Palaeontology 11 6 e70045 [23 pp.]
Factor de impacto W.O.S.: 2.2
[10.1002/spp2.70045](https://doi.org/10.1002/spp2.70045)

Evidence of large-sized ankylopollexian dinosaurs (Ornithischia: Iguanodontia) in the Upper Jurassic of Portugal

Rotatori, Filippo Maria; Escaso, Fernando; Camilo, Bruno; Bertozzo, Filippo; Malafaia, Elisabete; Mateus, Octávio; Mocho, Pedro; Ortega, Francisco; **Moreno-Azanza, Miguel**

8338 JOURNAL OF SYSTEMATIC PALAEONTOLOGY 23 1

Factor de impacto W.O.S.: 2.2

[10.1080/14772019.2025.2470789](https://doi.org/10.1080/14772019.2025.2470789)

The Burela Kaolin Deposit (NW Spain): Genesis, Composition and Micro- and Nanotexture

Bauluz, Blanca; Yuste, Alfonso; Alvira, Sergio; García-Vicente, Andrea

35894 Minerals 15 4 416 [14 pp.]

Factor de impacto W.O.S.: 2.2

[10.3390/min15040416](https://doi.org/10.3390/min15040416)

Latest Barremian - early Aptian chronostratigraphy and sedimentary evolution of the northwestern Maestrat Basin

García Penas, Álvaro; Zamora, Samuel; Moreno-Bedmar, Josep Anton; Calvin, Pablo; **Aurell, Marcos**

11274 Geologica Acta 23 [44 pp.] Factor de impacto

W.O.S.: 2

[10.1344/GeologicaActa2025.23.1](https://doi.org/10.1344/GeologicaActa2025.23.1)

Intraskeletal histovariability and skeletochronology in an ornithopod dinosaur from the Maestrazgo Basin (Teruel, Spain)

Maíllo, Juan; Hidalgo-Sanz, Jerome; Gasca, José Manuel; **Canudo, José Ignacio; Moreno-Azanza, Miguel**

2810 JOURNAL OF ANATOMY [22 pp.]

Factor de impacto W.O.S.: 1.8

[10.1111/joa.14225](https://doi.org/10.1111/joa.14225)

P-T conditions of hydrous retrograde metamorphism of UHT granulites from thermodynamic modeling of effective local compositions: Insights from the Grenvillian Oaxacan Complex, southern Mexico

Almazán-López, María del Mar; Ramírez-Salazar, Anthony; **Colás, Vanessa;** Ortega-Gutiérrez, Fernando

3602 JOURNAL OF SOUTH AMERICAN EARTH SCIENCES 164 105616 [17 pp.]

Factor de impacto W.O.S.: 1.7

[10.1016/j.jsames.2025.105616](https://doi.org/10.1016/j.jsames.2025.105616)

Reply to comment made by Suarez-Gonzalez et al. on ?Latest Jurassic-Early Cretaceous synrift evolution of the Torrelapaja Subbasin (Camerós Basin): Implications for Northeast Iberia palaeogeography. by Aurell et al. (Cretaceous Research 128 (2021) 104997)

Aurell, Marcos; Bádenas, Beatriz; Castanera, Diego; Gasca, José M.; **Canudo, José I.; Laita, Elisa; Liesa, Carlos L.**

1423 Cretaceous Research 181 106274 [6 pp.]

Factor de impacto W.O.S.: 1.7

Revision of the theropod dinosaur Camarillasaurus cirugedae from the Early Cretaceous (Barremian) of Teruel province, Spain

Rauhut, Oliver W. M.; **Canudo, José Ignacio; Castanera, Diego**

33433 PALAEONTOLOGIA ELECTRONICA 28(3) a 40 67

Factor de impacto W.O.S.: 1.5

[10.26879/1543](https://doi.org/10.26879/1543)

Early Devonian non-trilobite arthropods from the Iberian Chains (North East, Spain)

Zamora, Samuel; García-Penas, Álvaro; Klug, Christian; Plotnick, Roy E.; **Bádenas, Beatriz** 31947

Historical Biology [12 pp.]

Factor de impacto W.O.S.: 1.4

[10.1080/08912963.2025.2492356](https://doi.org/10.1080/08912963.2025.2492356)

Controls on carbonate deposition and microbialite formation in distal alluvial systems (Campanian, Montalbán subbasin, NE Spain)

Torromé Sanz, Diego; Martín-Pérez, Andrea; Kořir, Adrijan; **Aurell, Marcos**

11274 Geológica Acta 22 13

Factor de impacto W.O.S.: 1.3

[10.1344/GeologicaActa2024.22.13](https://doi.org/10.1344/GeologicaActa2024.22.13)

Osteohistología e implicaciones locomotoras a partir de una tibia de dinosaurio ornitópodo de la Formación El Castellar (Cretácico Inferior, Teruel)

Maíllo Pérez, Juan; Hidalgo-Sanz, Jerome; **Moreno-Azanza, Miguel**; Gasca-Pérez, José Manuel

10198 Geogaceta 78 71-74

Factor de impacto W.O.S.: 0.2

[10.55407/geogaceta113669](https://doi.org/10.55407/geogaceta113669)

NO INDEXADAS

Changes in pollen and small mammal spectrum compositions and in human-landscape relationships during the last 40,000 years of the Pleistocene in El Mirón Cave, Cantabrian Spain.

Iriarte-Chiapusso, M.J., **Alfaro-Ibáñez, M.P.**, Cuenca-Bescós, G., González-Morales, M.R., Straus, L.G., 2025.

Quaternary International 713, 109569.

[10.1016/j.quaint.2024.10.001](https://doi.org/10.1016/j.quaint.2024.10.001)

Revisiting the choristodere and stem-lepidosaur specimens of the Guimarota Beds (Kimmeridgian, Portugal): taxonomic implications.

Guillaume, A.R.D., **Puértolas-Pascual, E.**, **Moreno-Azanza, M.**, 2025.

Acta Palaeontologica Polonica 70(1), 77-96.

[10.4202/app.01202.2024](https://doi.org/10.4202/app.01202.2024)

Holocene biogeography of the southwestern European white-toothed shrew (Crociodura iculisma, Eulipotyphla) through its fossil record.

Domínguez-García, Á.C., Álvarez-Vena, A., Laplana, C., Sevilla, P., Román, J., Bisbal-Chinesta, J.F., Calzada, J., Galindo-Pellicena, M.Á., Benítez De Lugo Enrich, L., 2025.

Mammal Review 55(2), p.e12374.

[10.1111/mam.12374](https://doi.org/10.1111/mam.12374)

Fejfar's legacy: a Spanish perspective on arvicolinae (Rodentia, Mammalia) biostratigraphy.

Cuenca-Bescós, G., 2025.

Fossil Imprint, 81(1-2): xx-xx, Praha. ISSN 2533-4050 (print), ISSN 2533-4069 (online).

[10.37520/fi.2025.001](https://doi.org/10.37520/fi.2025.001)

Favreina Babai Isp. Nov., a new anomuran microcoprolite from the Upper Cretaceous of southeastern Spain

Schlagintweit, Felix; **Torromé, Diego**

56723 Acta Palaeontologica Romaniaae 21 1 69-79

[10.35463/j.apr.2025.01.04](https://doi.org/10.35463/j.apr.2025.01.04)

A new Maastrichtian hyposaurine dyrosaurid (Crocodylomorpha) from Namibe province, Angola.

Maréchal, A., Rotatori, F.M., Merella, M., **Puértolas-Pascual, E.**, Sequero, C., Pereira, R., Nsungani, P., Mateus, O., 2025.

Zoological Journal of the Linnean Society 204 (4), p.zlaf092

[10.1093/zoolinlean/zlaf092](https://doi.org/10.1093/zoolinlean/zlaf092)

New dwarf crocodylomorph from the Upper Jurassic of Portugal and the first neuroanatomical data for Atoposauridae

Puértolas-Pascual, E., 2025.

Fossil record 28(2), 321-346.

[10.3897/fr.28.167846](https://doi.org/10.3897/fr.28.167846)

A new ichthyosaur from the Lower Jurassic of Portugal (Iberian Peninsula).

Sánchez-Bandera, Ch., Fagoaga, A., Blain, H.-A., López-García, J.M., Núñez-Lahuerta, C., Blanco-Lapaz, A., Galán, Sousa, J.P.E., Roldão, I.M., Ríos, M., **Puértolas-Pascual, E.**, 2025. Acta Palaeontologica Polonica 70(1), 179-192.

[10.4202/app.01199.2024](https://doi.org/10.4202/app.01199.2024)