

Estratigrafía y Paleontología

Áreas de conocimiento: Estratigrafía y Paleontología

Director: D. Francisco J. Rodríguez Tovar

Secretario: D. César Viseras Alarcón

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Profesorado: CU: 8, PTU: 5, PDI Contratado y Otros: 4

Tesis leídas

- Corals and bryozoans from the early Miocene coral reefs in La Guajira (Northern Colombia)
Doctoranda: D^a. Diana Paola Flórez Romero
Director: Dr. Juan Carlos Braga Alarcón
Fecha de lectura: 8 de mayo de 2020
Calificación: Sobresaliente "Cum Laude"

Grupos de Investigación.

RNM190 ANALISIS DE CUENCAS

- Responsable: PASCUAL RIVAS CARRERA

RNM208 DISCONTINUIDADES ESTRATIGRAFICAS

- Responsable: ALBERTO DIEGO PEREZ LOPEZ

RNM178 EVOLUCION DE LOS MARGENES MESOZOICOS DE IBERIA (EMMI)

- Responsable: FEDERICO OLORIZ SAEZ

Dirección y participación en Proyectos I+D

- 2019 Desarrollo de nuevos sistemas altamente eficaces para la preparación de muestras isotópicas y análisis geoquímico de agua, , 01/01/2019-31/12/2019
Investigador JUAN CARLOS BRAGA ALARCON
- 2019 4D-REEF Past, present and future of turbid reefs in the Coral Triangle, , 01/09/2019-31/08/2023
Coordinador JUAN CARLOS BRAGA ALARCON
- 2019 Flora y vegetación ibérica durante los últimos 66 millones de años, , 01/06/2019-01/06/2021
Participante GONZALO JIMENEZ MORENO
- 2019 El Plio-Pleistocé del Camps del Ninots i la depressió Prelitoral: evolució paleoclimática, dispersió , , 01/06/2019-01/06/2022
Participante GONZALO JIMENEZ MORENO

Publicaciones en revistas

- 2019 Artículo: Comments on the paper ¿very coarse-grained beaches as a response to generalized sea level drops in a complex active tectonic setting: Pleistocene marine terraces at the Cadiz coast, SW Spain¿, Marine Geology, 407, , 362-366
JULIO AGUIRRE RODRIGUEZ
- 2019 Artículo: 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
ANTONIO GARCÍA-ALIX DAROCA
GONZALO JIMENEZ MORENO
JON CAMUERA BIDAURRETA
MARÍA J. RAMOS ROMÁN
- 2019 Artículo: Trace fossils evidence of a complex history of nutrient availability and oxygen conditions during Heinrich Event 1, Global And Planetary Change (Print), 174, , 26-34
FRANCISCO J. RODRÍGUEZ TOVAR
JAVIER DORADOR RODRÍGUEZ
- 2019 Artículo: Microbialites in Last Glacial Maximum and deglacial reefs of the Great Barrier Reef (IODP Expedition 325, NE Australia), Palaeogeography, Palaeoclimatology, Palaeoecology, 514, , 1-17
ÁNGEL PUGA BERNABÉU
ISABEL M^o SÁNCHEZ ALMAZO
JUAN CARLOS BRAGA ALARCON
- 2019 Artículo: Early Miocene shallow-water corals from La Guajira, Colombia: Part I, Acroporidae¿Montastraeidae, Journal of Paleontology, 93, 1, 1-24
PAOLA FLÓREZ ROMERO
- 2019 Artículo: Early Miocene shallow-water corals from La Guajira, Colombia: Part I, Acroporidae¿Montastraeidae, Journal of Paleontology, 93, 1, 1-24
PAOLA FLÓREZ ROMERO
- 2019 Artículo: Stable deep-sea macrobenthic trace maker associations in disturbed environments from the

- Eocene Lefkara Formation, Cyprus, *Geobios*, 52, , 37-45
FRANCISCO J. RODRÍGUEZ TOVAR
OLMO MIGUEZ SALAS
- 2019 Artículo: Pronounced northward shift of the westerlies during MIS 17 leading to the strong 100-kyr ice age cycles, *Earth and Planetary Science Letters*, 511, , 117-129
FRANCISCO J. RODRÍGUEZ TOVAR
- 2019 Artículo: Changes in the composition of trace fossil assemblages across the Paleocene-Eocene transition in the north-western Tethys (Untersberg section, Austria), *Geologica Carpathica* (Bratislava, Tlačené Vydanie), 70, 1, 3-13
FRANCISCO J. RODRÍGUEZ TOVAR
- 2019 Artículo: Opportunistic behaviour after the Toarcian Oceanic Anoxic Event: The trace fossil *Halimedides*, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 520, , 240-250
FRANCISCO J. RODRÍGUEZ TOVAR
JAVIER DORADOR RODRÍGUEZ
OLMO MIGUEZ SALAS
- 2019 Artículo: Crowded tubular tidalites in Miocene shelf sandstones of southern Iberia, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 251, , 1-9
FRANCISCO J. RODRÍGUEZ TOVAR
JAVIER DORADOR RODRÍGUEZ
- 2019 Artículo: *Adeylithon bosenpei* gen. et sp. nov. (Corallinales, Rhodophyta): a new reef-building genus with anatomical affinities with the fossil *Aethesolithon*, *Journal of Phycology: an international journal of algal research*, 55, 1, 134-145
JUAN CARLOS BRAGA ALARCON
- 2019 Artículo: Holocene and Pleistocene fringing reef growth and the role of accommodation space and exposure to waves and currents (Bora Bora, Society Islands, French Polynesia), *Sedimentology*, 66, 1, 305-328
JUAN CARLOS BRAGA ALARCON
- 2019 Artículo: Pleistocene sea-floor fibrous crusts and spherulites in the Danakil Depression (Afar, Ethiopia), *Sedimentology*, 66, 2, 480-512
JUAN CARLOS BRAGA ALARCON
- 2019 Artículo: Forest and lake dynamics in response to temperature, North American monsoon and ENSO variability during the Holocene in Colorado (USA), *Quaternary Science Reviews*, 211, , 59-72
GONZALO JIMENEZ MORENO
- 2019 Artículo: Contourite facies model: Improving contourite characterization based on the ichnological analysis, *Sedimentary Geology*, , 384, 60-69
FRANCISCO J. RODRÍGUEZ TOVAR
- 2019 Artículo: A new method for reconstructing past-climate trends using tree-ring data and kernel smoothing, *Dendrochronologia*, , 55, 1-15
FRANCISCO J. RODRÍGUEZ TOVAR
- 2019 Artículo: A palaeoecological approach to understanding the past and present of Sierra Nevada, a Southwestern European biodiversity hotspot, *Global And Planetary Change* (Print), 175, , 238-250
ANTONIO GARCÍA-ALIX DAROCA
GONZALO JIMENEZ MORENO
- 2019 Artículo: Introducing Fiji and ICY image processing techniques in ichnological research as a tool for sedimentary basin analysis, *Marine Geology*, 413, , 1-9
FRANCISCO J. RODRÍGUEZ TOVAR
JAVIER DORADOR RODRÍGUEZ
OLMO MIGUEZ SALAS
- 2019 Artículo: Microcodium-rich turbidites in hemipelagic sediments during the Paleocene-Eocene Thermal Maximum: Evidence for extreme precipitation events in a Mediterranean climate (Río Gor section, southern Spain), *Global And Planetary Change* (Print), 178, , 153-167
FRANCISCO J. RODRÍGUEZ TOVAR
- 2019 Artículo: Morphological variability patterns in the Balearites-Pseudothurmannia genera boundary (Ammonoidea, late Hauterivian): taxonomic and biostratigraphic implications, *Journal of Systematic Palaeontology*, 13, , 869-895
MIGUEL COMPANYY SEMPERE
- 2019 Artículo: Early Pliocene climatic optimum, cooling and early glaciation deduced by terrestrial and marine environmental changes in SW Spain, *Global And Planetary Change* (Print), 180, , 89-99
GONZALO JIMENEZ MORENO

Capítulos de libros (con ISBN)

- 2019 Título Capítulo: Spatial distribution of climatic cycles in Andalusia (southern Spain), Título Libro: Theory and Applications of Time Series Analysis, Springer International Publishing AG, part of



Springer Nature, , 2019,
FRANCISCO J. RODRÍGUEZ TOVAR

Contribuciones en congresos

- 2019 Ponencia en Congreso: Insights into impact processes and extinction mechanisms from the IODP-ICDP Chicxulub crater drilling, GSA Annual Meeting, 05/11/2019, Indiana, USA, Congreso FRANCISCO J. RODRÍGUEZ TOVAR
- 2019 Poster en Congreso: VEGETATION AND CLIMATE EVOLUTION OVER THE LAST TWO MILLENNIA IN THE WESTERNMOST MEDITERRANEAN REGION: THE ALBORAN SEA RECORD, European Geosciences Union, 07/04/2019, AUSTRIA, VIENA, Congreso GONZALO JIMENEZ MORENO