

Estratigrafía y Paleontología

Áreas de conocimiento: Estratigrafía y Paleontología

Director: Dr. Ángel Puga Bernabéu

Secretario: Dr. Gonzalo Jiménez Moreno

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Profesorado: CU: 9, PTU: 6, PDI Contratado y Otros: 22

Grupos de Investigación.

RNM190 ANALISIS DE CUENCAS

- Responsable: JUAN CARLOS BRAGA ALARCON

RNM208 DISCONTINUIDADES ESTRATIGRAFICAS

- Responsable: ALBERTO DIEGO PEREZ LOPEZ

RNM178 EVOLUCION DE LOS MARGENES MESOZOICOS DE IBERIA (EMMI)

- Responsable: Francisco J. Rodríguez Tovar

Dirección y participación en Proyectos I+D

- 2022 Microscopio electrónico de barrido de ultra-alta resolución con capacidad de análisis de elementos mayoritarios, minoritarios, traza y determinación de estados de oxidación, Adquisición de Equipamiento Científico-Técnico, 01/01/2022-31/12/2023

Investigador JUAN CARLOS BRAGA ALARCON

- 2022 Sediment gravity flows and Anthropogenic Impacts in a Mediterranean deltaic-and-canyon environment: Causal relationships and consequences (SANIMED), Convocatoria 2021 - Proyectos de Generación de Conocimiento, 01/09/2022-30/09/2026

Participante ÁNGEL PUGA BERNABÉU

Contratos de investigación

- 2022 Estudio geológico de los carbonatos de la Sierra Lisbona (PI Cayetano, Almería) para su exploración como recurso geológico, ART. 68-83, 15/10/2022-15/10/2023

Responsable ALBERTO DIEGO PEREZ LOPEZ

Publicaciones en revistas

- 2023 Artículo: Carbonate platform drowning caught in the act: The sedimentology of Saya de Malha Bank (Indian Ocean), *Sedimentology*, 70, 1, 78-99

JUAN CARLOS BRAGA ALARCON

- 2023 Artículo: Patterns of crystal organization and calcite twin formation in planktonic, rotaliid, foraminifera shells and spines, *Journal of Structural Biology*, 215, 107898, -

ANTONIO GERARDO CHECA GONZALEZ

- 2023 Artículo: Evidence for helical microstructure of aragonite fibers in pteropod shells, *MRS bulletin*, 48, , -

ANTONIO GERARDO CHECA GONZALEZ

- 2023 Artículo: Microstructure and crystallographic characteristics of stenoleamate bryozoans (Phylum Bryozoa, Class Stenolaemata), *Crystal Growth & Design*, , , -

ANTONIO GERARDO CHECA GONZALEZ

- 2023 Artículo: Environmental and climate evolution in the Southwest USA since the last interglacial deduced from the pollen record from Stoneman lake, Arizona, *Quaternary Science Reviews*, 300, , 107883-

GONZALO JIMENEZ MORENO

- 2023 Artículo: Un ammonite del género *Juandurhamiceras* del Aptiano de Campo Morado, Arcelia, estado de Guerrero, México, *Paleontología Mexicana*, 12, , 1-8

MIGUEL COMPANY SEMPERE

- 2023 Artículo: Integrated Interpretation of Electrical Resistivity Tomography for Evaporite Rock Exploration: A Case Study of the Messinian Gypsum in the Sorbas Basin (Almería, Spain), *Minerals*, 13, 136, -

ALBERTO DIEGO PEREZ LOPEZ

- 2023 Artículo: Synchrony of carbon cycle fluctuations, volcanism and orbital forcing during the Early Cretaceous, *Earth-Science Reviews*, 239, 140356, -

MIGUEL COMPANY SEMPERE

- 2023 Artículo: The unique fibrillar to platy nano- and microstructure of twinned rotaliid foraminiferal shell calcite, *Scientific Reports*, 13, 2189, -

ANTONIO GERARDO CHECA GONZALEZ

ISABEL M^o SÁNCHEZ ALMAZO

- 2023 Artículo: Origin and driving mechanisms of marine litter in the shelf-incised Motril, Carchuna, and Calahonda canyons (northern Alboran Sea), *Frontiers in Marine Science*, 10, , 1-24

ÁNGEL PUGA BERNABÉU

- 2023 Artículo: Paleogene evolution of the External Rif Zone (Morocco) and comparison with other western Tethyan margins, *Sedimentary Geology*, 448, 106367, 1-22

JOSE MANUEL MARTIN MARTIN

- 2023 Artículo: First magnetostratigraphic results in the Aïn Beni Mathar-Guefaït Basin, Northern High Plateaus (Morocco): The Pliocene-Pleistocene Dhar Iroumyane composite section, *Geobios*, 76, , 17-

SILA PLA PUEYO

- 2023 Artículo: First record of Anisian deposits in the Betic External Zone of southern Spain and its paleogeographical implications, *Sedimentary Geology*, 449, 106374, 1-20

ALBERTO DIEGO PEREZ LOPEZ

- 2023 Artículo: Role of climate variability on bottom-water dynamics and deoxygenation during sapropel deposition: new insights from palaeoceanographic empirical models, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 622, 111601, -

FRANCISCO J. RODRÍGUEZ TOVAR

- 2023 Artículo: Euxinia and hydrographic restriction in the Tethys Ocean: Reassessing global oceanic anoxia during the early Toarcian, *Global And Planetary Change (Print)*, 221, 104026, -

FRANCISCO J. RODRÍGUEZ TOVAR

- 2022 Artículo: Post-glacial evolution of alpine environments in the western Mediterranean region: The Laguna Seca record, *Catena*, 211, , 106033-

ANTONIO GARCÍA-ALIX DAROCA

FERNANDO GARCÍA GARCIA

GONZALO JIMENEZ MORENO

JON CAMUERA BIDAURRETA

- 2022 Artículo: Iberian Neanderthals in forests and savannahs, *Journal of Quaternary Science*, , , -

GONZALO JIMENEZ MORENO

- 2022 Artículo: Iberian Neanderthals in forests and savannahs, *Journal of Quaternary Science*, , , -

GONZALO JIMENEZ MORENO

- 2022 Artículo: Early Pleistocene-to-Present paleoclimate archive for the American Southwest from Stoneman Lake, Arizona, USA, *Geological Society Of America Bulletin*, , , -

GONZALO JIMENEZ MORENO

- 2022 Artículo: X-ray microtomography analysis to approach bioturbation's influence on minor-scale porosity distribution: A novel approach in contourite deposits, *Journal of Petroleum Science and Engineering*, 208, 109251, -

FRANCISCO J. RODRÍGUEZ TOVAR

JAVIER DORADOR RODRÍGUEZ

OLMO MIGUEZ SALAS

- 2022 Artículo: Ichnological evidence for bottom water oxygenation during organic rich layer deposition in the westernmost Mediterranean over the Last Glacial Cycle, *Marine Geology*, 443, 106673, -

FRANCISCO J. RODRÍGUEZ TOVAR

- 2022 Artículo: Sedimentary processes in the Discovery Gap (Central-NE Atlantic): An example of a deep marine gateway, *Deep-Sea Research. Part 1: Oceanographic Research Papers*, 180, 103681, -

FRANCISCO J. RODRÍGUEZ TOVAR

- 2022 Artículo: Sharp-based, mixed carbonate-siliciclastic shallow-marine deposits (upper Miocene, Betic Cordillera, Spain): The record of ancient transgressive shelf ridges?, *Sedimentary Geology*, 429, 106077, -

CESAR VISERAS ALARCON

FRANCISCO J. RODRÍGUEZ TOVAR

- 2022 Artículo: Sedimentary model for mixed depositional systems along the Pacific margin of the Antarctic Peninsula: Decoding the interplay of deep-water processes, *Marine Geology*, 445, 106754, -

FRANCISCO J. RODRÍGUEZ TOVAR

- 2022 Artículo: Recognizing key sedimentary facies and their distribution in mixed turbidite-contourite depositional systems: The case of the Pacific margin of the Antarctic Peninsula, *Sedimentology*, 2022, , -

FRANCISCO J. RODRÍGUEZ TOVAR

- 2022 Artículo: New insights into the Barremian-lower Aptian calcareous nanofossils of the Mediterranean Tethys: Chronostratigraphic and paleobiogeographic implications, *Marine Micropaleontology*, 173, 102114, -

JOSÉ SANDOVAL GABARRÓN

MIGUEL COMPANY SEMPERE

- 2022 Artículo: Paleoclimate reconstruction of the last 36 kyr based on branched glycerol dialkyl glycerol tetraethers in the Padul palaeolake record (Sierra Nevada, southern Iberian Peninsula), *Quaternary Science Reviews*, 281, , 107434-

- ANTONIO GARCÍA-ALIX DAROCA
GONZALO JIMENEZ MORENO
JON CAMUERA BIDAURRETA
MARÍA J. RAMOS ROMÁN
- 2022 Artículo: Isotope composition ($\delta^{34}\text{S}$, $\delta^{18}\text{O}$) of the Middle Triassic-Early Jurassic sulfates in eastern Iberia, *Sedimentary Geology*, 431, 106104, -
ALBERTO DIEGO PEREZ LOPEZ
- 2022 Artículo: OYSTER SHELLS, BULK CARBONATE SEDIMENT, AND METEORIC CALCITE CEMENT AS RECORDERS OF OCEANIC AND RADIOGENIC $87\text{Sr}/86\text{Sr}$ IN MIXED HETEROZOAN CARBONATES AND TERRIGENOUS SEDIMENT, *Journal of Sedimentary Research*, 92, , 50-65
JUAN CARLOS BRAGA ALARCON
- 2022 Artículo: CONTRADICTORY COEVAL VERTICAL FACIES CHANGES IN UPPER MIOCENE HETEROZOAN CARBONATE-TERRIGENOUS DEPOSITS (SIERRA DE GA δ DOR, ALMER δ A, SE SPAIN), *Journal of Sedimentary Research*, 92, , 257-274
JUAN CARLOS BRAGA ALARCON
- 2022 Artículo: Form and function of the mantle edge in Protobranchia (Mollusca: Bivalvia), *Zoology*, 153, 126027, 1-18
ANTONIO GERARDO CHECA GONZALEZ
- 2022 Artículo: Southern Hemisphere Westerly Winds have modulated the formation of laminations in sediments of Lago Fagnano (Tierra del Fuego, Argentina) over the past 6.3 ka, *Boreas*, , , -
ANTONIO GARCÍA-ALIX DAROCA
- 2022 Artículo: Crystallographic control of the fabrication of an extremely sophisticated shell surface microornament in the glass scallop *Catillopecten*, *Scientific Reports*, 12, 11510, 1-15
ANTONIO GERARDO CHECA GONZALEZ
- 2022 Artículo: Trough cross-bedded rhodolith limestones in the Atlantic-linked Ronda Basin (Messinian, Southern Spain), *Frontiers in Earth Science*, 10, , -
JUAN CARLOS BRAGA ALARCON
JULIO AGUIRRE RODRIGUEZ
- 2022 Artículo: Middle Miocene (Serravallian) rhodoliths and coralline algal debris in carbonate ramps (Betic Cordillera, S Spain), *Frontiers in Earth Science*, 10, , -
JUAN CARLOS BRAGA ALARCON
JULIO AGUIRRE RODRIGUEZ
- 2022 Artículo: Mixed carbonate-siliciclastic contourite drift deposits associated with the entrance of an Atlantic-Mediterranean corridor (late Miocene, southwest Spain), *Sedimentary Geology*, 439, , -
ÁNGEL PUGA BERNABÉU
JOSE MANUEL MARTIN MARTIN
JUAN CARLOS BRAGA ALARCON
JULIO AGUIRRE RODRIGUEZ
- 2022 Artículo: Upper Miocene deposits at the southern margin of the Guadalquivir Foreland Basin (central Betic Cordillera, S. Spain). Implications for the closure timing of the Atlantic-Mediterranean connections, *Revue de Micropaléontologie*, 76, , -
ÁNGEL PUGA BERNABÉU
JOSE MANUEL MARTIN MARTIN
JUAN CARLOS BRAGA ALARCON
JULIO AGUIRRE RODRIGUEZ
- 2022 Artículo: Coralline Algae at the Paleocene/Eocene Thermal Maximum in the Southern Pyrenees (N Spain), *Frontiers in Marine Science*, 9, , -
JUAN CARLOS BRAGA ALARCON
JULIO AGUIRRE RODRIGUEZ
- 2022 Artículo: The Punta de la Mona Rhodolith Bed: Shallow-Water Mediterranean Rhodoliths (Almunecar, Granada, Southern Spain), *Frontiers in Earth Science*, 10, , -
JUAN CARLOS BRAGA ALARCON
- 2022 Artículo: Larger porcelaneous foraminifera with a common ancestor: the Neogene Indo-Pacific *Flosculinella* and *Alveolinella* (Alveolinoidea), *Marine Micropaleontology*, 173, , -
JUAN CARLOS BRAGA ALARCON
- 2022 Artículo: Structure and Composition of Rhodolith Beds from the Sergipe-Alagoas Basin (NE Brazil, Southwestern Atlantic), *Diversity*, 14, , -
JUAN CARLOS BRAGA ALARCON
- 2022 Artículo: Distribution, morphology and composition of mesophotic 'reefs' on the Amazon Continental Margin, *Marine Geology*, 447, , -
JUAN CARLOS BRAGA ALARCON
- 2022 Artículo: Climatic control on the Holocene hydrology of a playa-lake system in the western

- Mediterranean, *Catena*, 214, , 106292-
ANTONIO GARCÍA-ALIX DAROCA
GONZALO JIMENEZ MORENO
JON CAMUERA BIDAURRETA
- 2022 Artículo: Sedimentary dynamics and topographic controls on the tidal-dominated Zagra Strait, Early Tortonian, Betic Cordillera, Spain, *Geological Society Special Publication*, 523, 1, -
ÁNGEL PUGA BERNABÉU
JOSE MANUEL MARTIN MARTIN
JUAN CARLOS BRAGA ALARCON
JULIO AGUIRRE RODRIGUEZ
- 2022 Artículo: Ribs of *Pinna nobilis* shell induce unexpected microstructural changes that provide unique mechanical properties, *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, 829, 142163, -
ANTONIO GERARDO CHECA GONZALEZ
- 2022 Artículo: The shell structure and chamber production cycle of the cephalopod *Spirula* (Coleoidea, Decabrachia), *Marine Biology*, 169, 132, -
ANTONIO GERARDO CHECA GONZALEZ
- 2022 Artículo: Evaluation of remodeling and geometry on the biomechanical properties of nacreous bivalve shells, *Scientific Reports*, 12, 710, -
ANTONIO GERARDO CHECA GONZALEZ
- 2022 Artículo: Helical microstructures in molluscan biomineralization are a biological example of close-packed helices that may form from a colloidal liquid crystal precursor in a twist-bend nematic phase, *Physical Review Materials*, 6, 105601, -
ANTONIO GERARDO CHECA GONZALEZ
- 2022 Artículo: Evidences of the Blake and Iceland Basin magnetic excursions in southeastern Iberia and chronological implications for the Padul sedimentary record, *Quaternary Geochronology*, 74, , 101421-
ANTONIO GARCÍA-ALIX DAROCA
GONZALO JIMENEZ MORENO
JON CAMUERA BIDAURRETA
MARÍA J. RAMOS ROMÁN
- 2022 Artículo: Past 200 kyr hydroclimate variability in the western Mediterranean and its connection to the African Humid Periods, *Scientific Reports*, 12, , 9050-
ANTONIO GARCÍA-ALIX DAROCA
GONZALO JIMENEZ MORENO
JON CAMUERA BIDAURRETA
MARÍA J. RAMOS ROMÁN
- 2022 Artículo: Early Pliocene marine transgression into the lower Colorado River valley, southwestern USA, by re-flooding of a former tidal strait, *Geological Society Special Publication*, 523, 1, -
JUAN CARLOS BRAGA ALARCON
- 2022 Editorial: Editorial: Coralline algae: Their past, present and future, *Frontiers in Marine Science*, , , 01-03
JULIO AGUIRRE RODRIGUEZ
- 2022 Artículo: *Frontiers in Earth Science*, *Frontiers in Earth Science*, 10, , -
JUAN CARLOS BRAGA ALARCON
- 2022 Artículo: The puzzling influence of Ophiomorpha (trace fossil) on reservoir porosity: X-ray microtomography analysis., *Frontiers in Earth Science*, 10, , -
FRANCISCO J. RODRÍGUEZ TOVAR
JAVIER DORADOR RODRÍGUEZ
OLMO MIGUEZ SALAS
- 2022 Artículo: Pleistocene and Holocene peopling of Jerada province, eastern Morocco: introducing a research project, *Bulletin d'Archéologie Marocaine*, 27, , 27-40
SILA PLA PUEYO

Libros (con ISBN)

- 2022 Coralline algae: Their past, present and future: *Frontiers in Marine Science*, 9:1097273, , 2022,
JULIO AGUIRRE RODRIGUEZ

Capítulos de libros (con ISBN)

- 2023 Título Capítulo: Example of a CLIL Teaching-Learning Sequence About Geology and Evolution for Pre-Service Teachers, Título Libro: *Handbook of Research on Training Teachers for Bilingual Education in Primary Schools: IGI-Global*, , 2023, 9781668461792
SILA PLA PUEYO
- 2022 Título Capítulo: Geochemical and calcareous nannofossil evidence of two late Barremian episodes of

- environmental change in south-east Spain, Titulo Libro: 11th International Cretaceous Symposium. Abstract Volume: Faculty of Geology, University of Warsaw, Warsaw, Poland, 2022, 978-83-944813-7-7
JOSÉ SANDOVAL GABARRÓN
MIGUEL COMPANY SEMPERE
- 2022 Titulo Capítulo: Synchronising the timing of carbon cycle, volcanism and pacing of the Earth's orbit during the Early Cretaceous, Titulo Libro: 11th International Cretaceous Symposium. Abstract Volume: Faculty of Geology, University of Warsaw, Warsaw, Poland, 2022, 978-83-944813-7-7
MIGUEL COMPANY SEMPERE
- 2022 Titulo Capítulo: Registro de dos episodios de cambio ambiental acelerado en el Barremiense superior: evidencias basadas en estratigrafía isotópica y nanofósiles calcáreos, Titulo Libro: Libro de Resúmenes de las XXXVII Jornadas SEP y V Congreso Ibérico de Paleontología.: Sociedad Española de Paleontología, Cuenca, 2022, 978-84-09-44478-6
MIGUEL COMPANY SEMPERE
JOSÉ SANDOVAL GABARRÓN
- 2022 Titulo Capítulo: La sección de Cañada Luenga (Cehegín, Murcia), candidata a GSSP del límite Berriasiense-Valanginiense (Cretácico Inferior), Titulo Libro: Libro de Resúmenes de las XXXVII Jornadas SEP y V Congreso Ibérico de Paleontología.: Sociedad Española de Paleontología, Cuenca, 2022, 978-84-09-44478-6
MIGUEL COMPANY SEMPERE
- 2022 Titulo Capítulo: Reconstruction of Past Environment and Climate Using Wetland Sediment Records from the Sierra Nevada, Titulo Libro: The landscape of the Sierra Nevada: Springer-Nature, Swit, 2022, 978-3-030-94219-9
JON CAMUERA BIDAURRETA
GONZALO JIMENEZ MORENO
MARÍA J. RAMOS ROMÁN
ANTONIO GARCÍA-ALIX DAROCA
- 2022 Titulo Capítulo: Quaternary coral, coralline algal and vermetid assemblages as sea-level indicators: a review, Titulo Libro: Coral Reefs and Sea-Level Change: Quaternary Records and Modelling: INTERNATIONAL ASSOCIATION OF SEDIMENTOLOGISTS, , 2022, 978-1-7398845-1-2
JUAN CARLOS BRAGA ALARCON
- 2022 Titulo Capítulo: Coral reef development and sea-level changes over the past 50,000 years: new evidence from the north-west shelf of Australia, Titulo Libro: Coral Reefs and Sea-Level Change: Quaternary Records and Modelling: INTERNATIONAL ASSOCIATION OF SEDIMENTOLOGISTS, , 2022, 978-1-7398845-1-2
JUAN CARLOS BRAGA ALARCON
- 2022 Titulo Capítulo: Neogene and Quaternary reef terraces of Mangaia, Rarotonga and Aitutaki (southern Cook Islands, South Pacific) revisited: gauges of sea-level change and island uplift?, Titulo Libro: Coral Reefs and Sea-Level Change: Quaternary Records and Modelling: INTERNATIONAL ASSOCIATION OF SEDIMENTOLOGISTS, , 2022, 978-1-7398845-1-2
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- 2022 Titulo Capítulo: Reef growth history at intermediate to mesophotic depths since the end of the Last Glacial period along the Great Barrier Reef shelf edge, Titulo Libro: Coral Reefs and Sea-Level Change: Quaternary Records and Modelling: INTERNATIONAL ASSOCIATION OF SEDIMENTOLOGISTS, , 2022, 978-1-7398845-1-2
JUAN CARLOS BRAGA ALARCON
- 2022 Titulo Capítulo: New insights on the Late Quaternary evolution of Abrolhos reefs, Eastern Brazilian Shelf, Titulo Libro: Coral Reefs and Sea-Level Change: Quaternary Records and Modelling: INTERNATIONAL ASSOCIATION OF SEDIMENTOLOGISTS, , 2022, 978-1-7398845-1-2
JUAN CARLOS BRAGA ALARCON
- 2022 Titulo Capítulo: El Pliocè del Pla de Barcelona, Titulo Libro: Geologia de la ciutat de Barcelona: coneixements, condicionants i aprofitaments d'una zona urbana complexa: Col·lecció Monografies tècniques 11. Institut Cartogràfic i Geològic de Catalunya, Barcelona, 2022,
JULIO AGUIRRE RODRIGUEZ
- 2022 Titulo Capítulo: Paleolimnological indicators of global change, Titulo Libro: The Landscape of the Sierra Nevada. A Unique Laboratory of Global Processes in Spain: Elsevier, , 2022, 9783030942199
ANTONIO GARCÍA-ALIX DAROCA

Contribuciones en congresos

- 2023 Poster en Congreso: Ichnological analysis across the Rambla the Tabernas section (Tabernas Basin, SE Spain), an approach to improve the characterization of a turbidite system., 1st In-Person Bouma Deep Water Geoscience Conference., 17/04/2023, Utrecht, Netherlands., Congreso
JAVIER DORADOR RODRÍGUEZ

FRANCISCO J. RODRÍGUEZ TOVAR

- 2022 Comunicación en congreso: Paleoenvironmental and paleoclimate evolution in an alpine peat bog in southern Iberia: a geochemical approach, European Geosciences Union, 03/04/2022, Vienna, Austria, Congreso

GONZALO JIMENEZ MORENO

ANTONIO GARCÍA-ALIX DAROCA

- 2022 Poster en Congreso: Gymkhana paleontológica por la Facultad de Ciencias de la Educación (Universidad de Granada, España), XXI Simposio sobre Enseñanza de la Geología, 04/07/2022, Guadix, Congreso

SILA PLA PUEYO

- 2022 Comunicación en congreso: Educación geológica formal y no formal de los estudiantes del Grado en Educación Primaria en la Universidad de Granada (España), XXI Simposio sobre Enseñanza de la Geología, 04/07/2022, Guadix, Congreso

SILA PLA PUEYO

- 2022 Comunicación en congreso: ¿Qué editoriales usan los centros de E.S.O. en Andalucía para la asignatura de Biología y Geología?, 30 Encuentros de Didáctica de las Ciencias Experimentales, 07/09/2022, Melilla, Congreso

SILA PLA PUEYO

- 2022 Comunicación en congreso: Cambios en la mineralogía y microestructura de las conchas de moluscos con la temperatura, XXXIX Reunión Científica de la Sociedad Española de Mineralogía, 28/06/2022, Baeza (Jaén), España, Congreso

ANTONIO GERARDO CHECA GONZALEZ

- 2022 Poster en Congreso: GIANT TRACE FOSSILS FROM THE KIMMERIDGIAN (UPPER JURASSIC) OF THE IBERIAN CHAIN (SPAIN), 11th International Congress on the Jurassic System, 29/08/2022, Budapest (Hungria), Congreso

FRANCISCO J. RODRÍGUEZ TOVAR

- 2022 Comunicación en congreso: First record of a carbon cycle perturbation during the late Barremian: Multiproxy evidence for environmental change (Caravaca, Spain), 12th International Symposium Geochemistry of the Earth's Surface Symposium, 24/07/2022, - Zurich, Suiza, Congreso

MIGUEL COMPANY SEMPERE

- 2022 Comunicación en congreso: Synchronising the timing of Carbon cycle, volcanism and pacing of the Earth's orbit during the Early Cretaceous, 11th International Cretaceous Symposium, 22/08/2022, Varsovia, Congreso

MIGUEL COMPANY SEMPERE

- 2022 Comunicación en congreso: Geochemical and calcareous nannofossil evidence of two late Barremian episodes of environmental change in South-East Spain, 11th International Cretaceous Symposium, 22/08/2022, Varsovia, Congreso

MIGUEL COMPANY SEMPERE

JOSÉ SANDOVAL GABARRÓN

- 2022 Comunicación en congreso: Registro de dos episodios de cambio ambiental acelerado en el Barremiense superior: evidencias basadas en estratigrafía isotópica y nanofósiles calcáreos, XXXVII Jornadas SEP y V Congreso Ibérico de Paleontología, 05/10/2022, Cuenca, Congreso

MIGUEL COMPANY SEMPERE

JOSÉ SANDOVAL GABARRÓN

- 2022 Comunicación en congreso: La sección de Cañada Luenga (Cehegín, Murcia), candidata a GSSP del límite Berriasiense-Valanginiense (Cretácico Inferior), XXXVII Jornadas SEP y V Congreso Ibérico de Paleontología, 05/10/2022, Cuenca, Congreso

MIGUEL COMPANY SEMPERE

- 2022 Poster en Congreso: TRAZAS FÓSILES GIGANTES DEL KIMMERIDGIENSE (JURÁSICO SUPERIOR) DE LA CORDILLERA IBÉRICA (PROVINCIA DE TERUEL), XXXVII Jornadas SEP y V Congreso Ibérico de Paleontología, 05/10/2022, Cuenca, Congreso

FRANCISCO J. RODRÍGUEZ TOVAR

- 2022 Comunicación en congreso: NAO control on the hydrology of Laguna Grande de Archidona (southern Spain) during the Iberian Roman Humid Period recorded by stable isotopes ($\delta^{18}O$ and δ^2D) of gypsum hydration water, EGU General Assembly 2022, 23/05/2022, Viena, Austria, Congreso

GONZALO JIMENEZ MORENO

ANTONIO GARCÍA-ALIX DAROCA

- 2022 Comunicación en congreso: Stratigraphy and age of the Castellón B borehole cores from offshore western Mediterranean, MedGU, Mediterranean Geosciences Union Annual Meeting, 27/11/2022, - Marrakech, Marruecos, Congreso

JULIO AGUIRRE RODRIGUEZ

- 2022 Comunicación en congreso: Effect of transported shelf taxa on benthic foraminiferal assemblages: a

case study from carbonate turbidites in the Vera Basin (SE Spain), 9th International Meeting on Taphonomy and Fossilization, 05/06/2022, ALCALÁ DE HENARES (ESPAÑA), Congreso

JULIO AGUIRRE RODRIGUEZ

JUAN CARLOS BRAGA ALARCON

ÁNGEL PUGA BERNABÉU

- 2022 Comunicación en congreso: In situ and redeposited middle Miocene coralline algae in carbonate ramps at the southern margin of the Guadalquivir Basin (Betic Cordillera, S Spain), 9th International Meeting on Taphonomy and Fossilization, 05/06/2022, ALCALÁ DE HENARES (ESPAÑA), Congreso

JULIO AGUIRRE RODRIGUEZ

JUAN CARLOS BRAGA ALARCON

- 2022 Ponencia en Congreso: Cambios paleoambientales durante el Plioceno inferior en la Cuenca de Almería-Níjar (SE de España) basados en las asociaciones de foraminíferos bentónicos, V Congreso Ibérico de Paleontología / XXXVII Jornadas de la Sociedad Española de Paleontología, 05/10/2022, - Cuenca, España, Congreso

JULIO AGUIRRE RODRIGUEZ

JUAN CARLOS BRAGA ALARCON

GONZALO JIMENEZ MORENO

ÁNGEL PUGA BERNABÉU

- 2022 Poster en Congreso: Ichnological analysis of the Rambla de Tabernas section (Tabernas Basin, SE Spain), a preliminary approach to improve characterization of a turbiditic system., The 21st International Sedimentological Congress, 22/08/2022, Beijing, China, Congreso

JAVIER DORADOR RODRÍGUEZ

FRANCISCO J. RODRÍGUEZ TOVAR

- 2022 Ponencia en Congreso: Análisis icnológico aplicado a la caracterización de sistemas turbidíticos: Caso de estudio de la sección de la Rambla de Tabernas (SE España)., XXXVII Jornadas de la Sociedad Española de Paleontología y V Congreso Ibérico de Paleontología, 05/10/2022, - Cuenca, España, Congreso

FRANCISCO J. RODRÍGUEZ TOVAR

JAVIER DORADOR RODRÍGUEZ

- 2022 Comunicación en congreso: Are future Primary Education teachers ready for bilingual education?, VIII Congreso Internacional de Enseñanza Bilingüe en Centros Educativos (CIEB): ¿Enseñanza Bilingüe: inclusión y excelencia?, 21/10/2022, Universidad de Jaén, Congreso

SILA PLA PUEYO