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Grupo de Investigación: MINERALOGÍA Y GEOQUÍMICA DE LOS AMBIENTES SEDIMENTARIO Y METAMÓRFICO (Cod.: RNM179)

Departamento: Consejo Superior de Investigaciones Científicas. Delegación del CSIC en Andalucía

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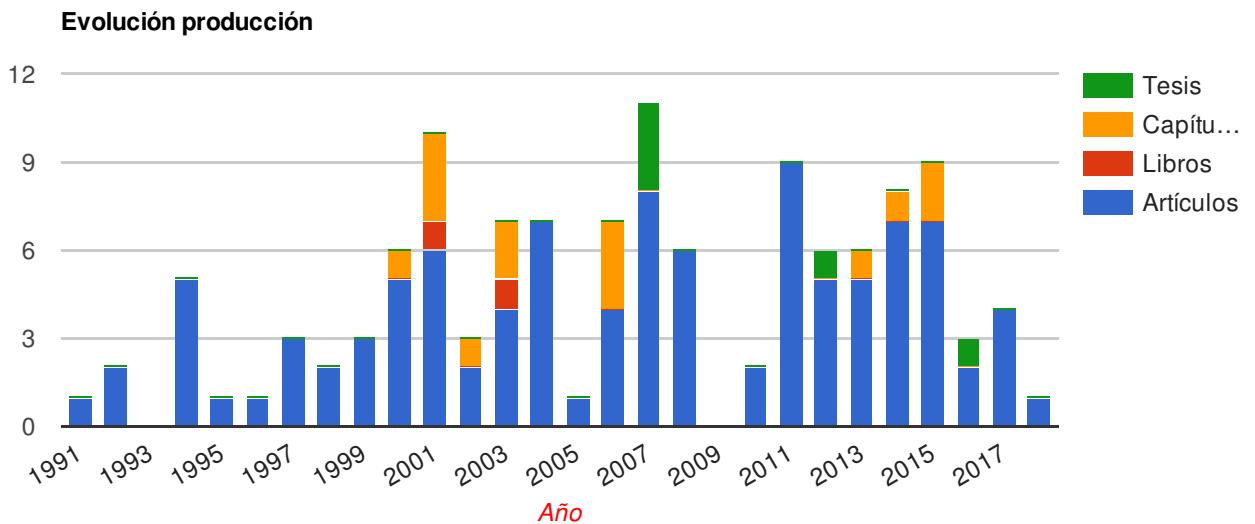
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Ficha del Directorio

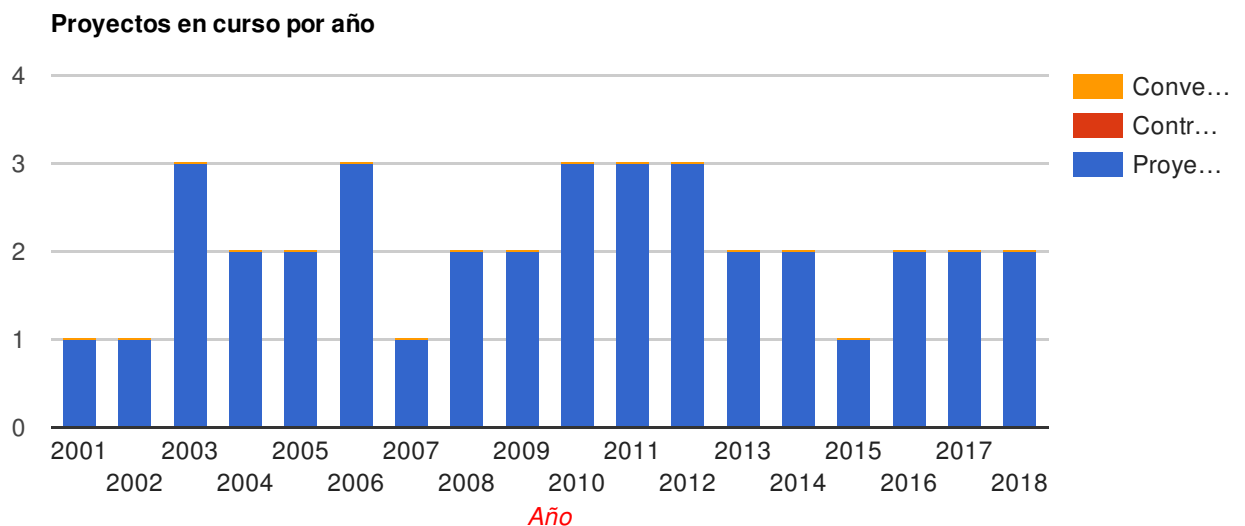
Producción 124

Artículos (103) Libros (2) Capítulos de Libros (14) Tesis dirigidas (5)



Proyectos dirigidos 12

Proyectos (12) Contratos (0) Convenios (0)



Actividades 0

Título publicación	Fuente	Tipo	Fecha
Application of laser ablation-icp-ms to determine high-resolution elemental profiles across the cretaceous/paleogene boundary at agost (spain)	Palaeogeography, palaeoclimatology, palaeoecology	Articulo	2018
Appraising timing response of paleoenvironmental proxies to the bond cycle in the western mediterranean over the last 20 kyr	Climate dynamics	Articulo	2017
Decoding recent mud-volcano activity in the westernmost mediterranean: evidence from sediment/porewater data and geochemical modeling	Geophysical research abstracts	Articulo	2017
Paleoenvironmental conditions across the cretaceous-paleogene transition at the apennines sections (italy): an integrated geochemical and ichnological approach	Cretaceous research	Articulo	2017
Paleoenvironmental conditions across the cretaceous-paleogene transition at the apennines sections (italy): an integrated geochemical and ichnological approach	Cretaceous research	Articulo	2017
Geochemical and isotopic characterization of trace fossil infillings: new insights on tracemaker activity after the k-pg impact event	Cretaceous research	Articulo	2016
Marine gas hydrate: a future resource of natural gas for europe? inglés	Geotemas	Articulo	2016
Mud volcanoes from the alboran sea: materials and volcano-sedimentary processes involved	Universidad de granada. mineralogía y petrología	Tesis doctoral	2016
Análisis geoquímico e isotópico del material de relleno de trazas fósiles en el tránsito cretácico-paleógeno (k-pg): recuperación de la biota tras el evento del impacto	Current trends in paleontology and evolution	Capítulo de libro	2015
Geochemical and isotopic characterization of trace fossil infillings: new insights on tracemaker activity after the k/pg impact event	Cretaceous research	Articulo	2015
Optimization of itrax core scanner measurement conditions for sediments from submarine mud volcanoes	Developments in paleoenvironmental research: micro-xrf studies of sediment cores	Capítulo de libro	2015
Palaeoclimate and palaeoceanographic conditions in the westernmost mediterranean over the last millennium: an integrated organic and inorganic approach	Journal of the geological society	Articulo	2015
Paleoclimate and paleoceanographic conditions in the westernmost mediterranean over the last millennium: an integrated organic and inorganic approach	Journal of the geological society	Articulo	2015
Paleoclimate and paleoceanography over the past 20,000 yr in the mediterranean sea basins as indicated by sediment elemental proxies	Quaternary science reviews	Articulo	2015
Paleoclimate and paleoceanography over the past 20,000 yr in the mediterranean sea basins as indicated by sediment elemental proxies	Quaternary science reviews	Articulo	2015
Radiogenic isotopes for deciphering terrigenous input provenance in the western mediterranean	Chemical geology	Articulo	2015
Role of bacteria in marine barite precipitation: a case study using	Science of the total environment	Articulo	2015
Cross-spectral analysis of time series with uneven sampling: study of holocene climate variability	International work-conference on time series ¿ itise 2014	Capítulo de libro	2014
Millennial- to centennial-scale climate periodicities and forcing mechanisms in the westernmost mediterranean for the past 20,000 years	Quaternary research	Articulo	2014

Origin of lipid biomarkers in mud volcanoes from the alboran sea, western mediterranean	Biogeosciences	Articulo	2014
Rapid bottom-water circulation changes during the last glacial cycle in the coastal low-latitude ne atlantic	Quaternary research	Articulo	2014
Saharan aeolian input and effective humidity variations over western europe during the holocene from a high altitude record	Chemical geology	Articulo	2014
Saharan aeolian input and effective humidity variations over western europe during the holocene from a high altitude record	Chemical geology	Articulo	2014
Sea surface temperature variations in the western mediterranean sea over the last 20 kyr: a dual-organic proxy ($\delta^{13}C_{org}$ and $\delta^{15}N$) approach	Paleoceanography	Articulo	2014
Smectite synthesis at low temperature and neutral ph in the presence of succinic acid	Applied clay science	Articulo	2014
Bottom-water conditions in a marine basin after the cretaceous-paleogene impact event: timing the recovery of oxygen levels and productivity	Plos one	Articulo	2013
Bottom-water conditions in a marine basin after the cretaceous-paleogene impact event: timing the recovery of oxygen levels and productivity	Plos one	Articulo	2013
Climate conditions in the westernmost mediterranean over the last two millennia: an integrated biomarker approach	Organic geochemistry	Articulo	2013
Climate imprints during the "medieval climate anomaly" and the "little ice age" in marine records from the alboran sea basin	The holocene	Articulo	2013
Environmental conditions and geomorphologic changes during the middle. upper paleolithic in the southern iberian peninsula	Geomorphology	Articulo	2013
Western mediterranean responses to climate variability since the last glacial maximum; a high-resolution multi-proxy geochemical approach	Climate change: past, present and future perspectives. a global synthesis from the atlantic	Capítulo de libro	2013
Active hydrocarbon (methane) seepage at the alboran sea mud volcanoes indicated by specific lipid biomarkers	Geophysical research abstracts	Articulo	2012
Bam $[CO_3]_2$; a previously unrecognized double carbonate in low-temperature environments: structural, spectroscopic, and textural tools for future identification	Chemie der erde	Articulo	2012
Late holocene climate variability in the western mediterranean: an integrated organic and inorganic multiproxy approach	Universidad de granada. mineralogía y petrología	Tesis doctoral	2012
Precipitation of barite by marine bacteria: a possible mechanism for marine barite formation	Geology (boulder)	Articulo	2012
The medieval climate anomaly in the iberian peninsula reconstructed from marine and lake records	Quaternary science reviews	Articulo	2012
The mesolithic-neolithic transition in southern iberia	Quaternary research	Articulo	2012
Earliest known use of marine resources by neanderthals	Plos one	Articulo	2011
Earliest known use of marine resources by neanderthals	Plos one	Articulo	2011
Geochemical processes in a mediterranean lake: a high-resolution study of the last 4000 years in zoñar lake, southern spain	Journal of paleolimnology	Articulo	2011
Geochemical evidences of mud volcano activity in the west alboran sea	Mineralogical magazine	Articulo	2011
High-frequency climate cycles in the westernmost mediterranean during the last 20,000 yrs	Mineralogical magazine	Articulo	2011
Impact of climate variability in the western mediterranean during the last 20,000 years: oceanic and atmospheric responses	Quaternary science reviews	Articulo	2011

Productivity patterns and n-fixation associated with pliocene-holocene sapropels: paleoceanographic and paleoecological significance	Biogeosciences	Articulo	2011
Tracking climate variability in the western mediterranean during the late holocene: a multiproxy approach	Climate of the past	Articulo	2011
Tracking climate variability in the western mediterranean during the late holocene: a multiproxy approach	Climate of the past	Articulo	2011
Late holocene climate variability in the southwestern mediterranean region: an integrated marine and terrestrial geochemical approach	Climate of the past	Articulo	2010
Trace-elemental derived paleoceanographic and paleoclimatic conditions for pleistocene eastern mediterranean sapropels	Palaeogeography, palaeoclimatology, palaeoecology	Articulo	2010
A dynamic explanation for the origin of the western mediterranean organic-rich layers	Geochemistry, geophysics, geosystems	Articulo	2008
Ca-mg kutnahorite and struvite production by idiomarina strains at modern seawater salinities	Chemosphere	Articulo	2008
Caracterización del aporte eólico en el mediterráneo occidental: registro de la respuesta atmosférica a la variabilidad climática	Macla	Articulo	2008
Formación de la cavidad de el pirulejo y evolución a partir de su relleno en base a indicadores geoquímicos	Antiquitas (ayuntamiento de priego-córdoba)	Articulo	2008
Gorham's cave, gibraltar-the persistence of a neanderthal population	Quaternary international	Articulo	2008
La investigación sobre el pirulejo. una aproximación interdisciplinar	Antiquitas (ayuntamiento de priego-córdoba)	Articulo	2008
Accumulation and preservation of organic matter in marine sediments: implications in the carbon and nutrient cycles	Universidad de granada. mineralogía y petrología	Tesis doctoral	2007
Accumulation and preservation of organic matter in marine sediments: implications in the carbon and nutrient cycles	Universidad de granada. mineralogía y petrología	Tesis doctoral	2007
Diagenetic formation of greigite and pyrrhotite in gas hydrate marine sedimentary systems	Earth and planetary science letters	Articulo	2007
Gas hydrate disturbance fabrics of southern hydrate ridge sediments (odp leg 204): relationship with texture and physical properties	Geo-marine letters	Articulo	2007
Indicadores mineralógicos y geoquímicos de variabilidad climática: calibración y registro sedimentario reciente del mediterráneo occidental	Macla	Articulo	2007
Indicadores mineralógicos y geoquímicos de variabilidad climática: calibración y registro sedimentario reciente del mediterráneo occidental	Macla	Articulo	2007
Magnetic characterization of cretaceous-tertiary boundary sediments	Meteoritics and planetary science	Articulo	2007
Paleoenvironmental changes in the western mediterranean since the last glacial maximum: high resolution multiproxy record from the algero-balearic basin	Palaeogeography, palaeoclimatology, palaeoecology	Articulo	2007
Pliocene-holocene evolution of depositional conditions in the eastern mediterranean: role of anoxia vs. productivity at time of sapropel deposition	Palaeogeography, palaeoclimatology, palaeoecology	Articulo	2007
Temporal and spatial paleoproductivity patterns associated with eastern mediterranean sapropels: paleoceanographic significance	Eos	Articulo	2007
Variabilidad climática en el mediterráneo occidental durante el último ciclo glacial: impacto en la evolución cultural humana en el sur de la península ibérica	Universidad de granada. mineralogía y petrología	Tesis doctoral	2007

Data report: grain-size and bulk and clay mineralogy of sediments from the summit and flanks of southern hydrate ridge, sites 1244-1250, odp leg 204	Proceedings of the ocean drilling program. scientific results. volume 185.	Capítulo de libro	2006
Identifying instrumental and historical earthquake records in the sw iberian margin 210pb turbidite chronology	Geophysical research letters	Articulo	2006
Late survival of neanderthals at the southernmost extreme of europe	Nature	Articulo	2006
Rare earth element composition as evidence of the precursor material of cretaceous-tertiary boundary sediments at distal sections	Chemical geology	Articulo	2006
Respuesta de productividad biológica marina al cambio climático: e mar mediterraneo como ejemplo de laboratorio natural	Paleoambientes y cambio climático	Capítulo de libro	2006
Rock magnetic identification of magnetic iron sulfides and its bearing on the occurrence of gas hydrates odp leg 204 (hydrate ridge)	Proceedings of the ocean drilling program. scientific results. volume 185.	Capítulo de libro	2006
Use of high-resolution ichnological and stable isotope data for assessing completeness of a k-p boundary section, agost, spain	Palaeogeography, palaeoclimatology, palaeoecology	Articulo	2006
Climate variability and productivity response in the westernmost mediterranean since the last deglaciation: high resolution record from odp site 976	Geophysical research abstracts	Articulo	2005
Carbon isotope evidence for the timing of the cretaceous-palaeogene macrobenthic colonisation at the agost section (southeast spain)	Palaeogeography, palaeoclimatology, palaeoecology	Articulo	2004
Estudio sedimentológico y magnético de sedimentos ricos en hidratos de gas de hydrate ridge (margen de oregón-odp leg 204)	Geotemas	Articulo	2004
Indicadores de contaminación extraterrestre en secciones distales del tránsito cretácico-terciario	Geotemas	Articulo	2004
Propiedades magnéticas en varias secciones del límite cretácico-terciario	Geotemas	Articulo	2004
Registro paleoceanográfico de la cuenca balear (odp leg 161, site 975): implicaciones para el análisis de la variabilidad climática durante los últimos 40 000 años	Geotemas	Articulo	2004
Respuesta de la productividad biológica marina al cambio climático: registro de alta resolución de la cuenca del mar de alborán	Geotemas	Articulo	2004
Using sulfur isotopes to elucidate the origin of barite associated with high organic matter accumulation events in marine sediments	Geological society of america bulletin	Articulo	2004
A comparative study of the geochemical and mineralogical characteristics of the s1 sapropel in the western and eastern mediterranean	Palaeogeography, palaeoclimatology, palaeoecology	Articulo	2003
A geochemical/mineralogical record of climate variability in the westernmost mediterranean during the last 16,000 years	Eos	Articulo	2003
Geochemical and mineralogical evidence for sapropel deposition in e and w mediterranean basins: paleoclimate implications and paleoceanographic reconstruction	Geophysical research letters	Articulo	2003
Impact markers in the stratigraphic record	Springer-verlag	Libros	2003
Interdisciplinary geoscience research on the north east atlantic margin, mediterranean sea and mid-atlantic ridge. ioc technical series	loc technical series	Capítulo de libro	2003
Precipitation of barite by myxococcus xanthus: possible	Applied and environmental	Articulo	2003

implications for the biogeochemical cycle of barium	microbiology	Artículo	2000
The stratigraphic record of impact events. a short overview	Impact markers in the stratigraphic record	Capítulo de libro	2003
Cretaceous-tertiary boundary at blake nose (ocean drilling program leg 171 b): a record of the chicxulub impact ejecta	Geological society of america bulletin	Artículo	2002
The stratigraphic record of impact events. a short overview	Impact markers in the stratigraphic record	Capítulo de libro	2002
Transmission electron microscopy evidence for experimental illitization of smectite in k-enriched seawater solution at 50 degrees c and basic ph	Clays and clay minerals	Artículo	2002
Climate, tectonics and meteoritic impact expressed by clay mineral sedimentation across the cretaceous-tertiary boundary at blake nose, northwestern atlantic	Clay minerals	Artículo	2001
El evento del límite cretácico-terciario: la capa de arcilla como base de la hipótesis extraterrestre	Nuevas tendencias en el estudio de las arcillas	Capítulo de libro	2001
Field-trip guide to the agost and caravaca sections (betic cordillera, spain)	Universidad de granada	Libros	2001
Field-trip guide to the agost and caravaca sections (betic cordillera, spain)	Field-trip guide to the agost and caravaca sections (betic cordillera, spain)	Capítulo de libro	2001
Geochemistry of the cretaceous-tertiary boundary at blake nose (odp leg 171 b)	Journal of the geological society	Artículo	2001
Geochemistry of the cretaceous-tertiary boundary at blake nose (odp leg 171b).	Geological society special publication	Artículo	2001
K-t boundary spherules from blake nose (odp leg 171b) as a record of the chicxulub ejecta deposits	Journal of the geological society	Artículo	2001
K-t boundary spherules from blake nose (odp leg 171b) as a record of the chicxulub ejecta deposits.	Geological society special publication	Artículo	2001
K/t boundary spherules from se spain and blake nose sections: diagenetic alteration and source material	Impact markers in the stratigraphic record	Capítulo de libro	2001
Mineralogical and geochemical evidence for sapropel deposition in the western mediterranean: late pleistocene-holocene record	Eos	Artículo	2001
Alboran and south balearic basins leg 3: bottom sampling results	Technical series. intergovernmental oceanographic commission	Artículo	2000
Geochemical evidence for enhanced productivity during s1 sapropel deposition in the eastern mediterranean	Paleoceanography	Artículo	2000
Primeros datos sobre la mineralogía de arcillas y la geoquímica del tránsito cretácico-terciario en blake nose, atlántico nw (ocean drilling program, leg 171b)	Integración ciencia-tecnología de las arcillas en el contexto tecnológico-social del nuevo milenio	Capítulo de libro	2000
South balearic basin: the palomares and mazarron margins. bottom sampling results	Manuals and guides - intergovernmental oceanographic commission	Artículo	2000
Temperature and salinity variations of mediterranean sea surface waters over the last 16,000 years from records of planktonic stable oxygen isotopes and alkenone unsaturation ratios	Palaeogeography, palaeoclimatology, palaeoecology	Artículo	2000
The k/t boundary at blake nose, odp leg 171b: linking the spherule bed composition to chicxulub crater	Eos	Artículo	2000
Mineral associations and geochemical indicators in upper miocene to pleistocene sediments in the alboran basin.	Proceedings of the ocean drilling program. scientific results	Artículo	1999
Pliocene-pleistocene sedimentary facies at site 976:	Proceedings of the ocean drilling		

Neogene-paleogene sedimentary facies at site of tectonic depositional history in the northwestern alboran sea.	Proceedings of the ocean drilling program. scientific results	Articulo	1999
Positive eu anomaly development during diagenesis of the k/t boundary ejecta layer in the agost section (se spain): implications for trace-element remobilization	Terra nova	Articulo	1999
Drilling blake nose: the search for evidence of extreme palaeogene-cretaceous climates and extraterrestrial events	Geology today	Articulo	1998
Some clues about the napoli and milano mud volcanoes from an integrated log-core approach	Proceedings of the ocean drilling program. scientific results	Articulo	1998
Critical boundaries in earths history and the k-t boundary	Joides journal	Articulo	1997
Le créacé-paléogène du blake nose. marge atlantique de la floride, campagne odp 171b: un enregistrement exemplaire de la transition maastrichtien-danien	La vie des sciences	Articulo	1997
Quench textures in altered spherules from the cretaceous-tertiary boundary layer at agost and caravaca, se spain	Sedimentary geology	Articulo	1997
Stratigraphy and geochemical anomalies of the early toarcian oxygen-poor interval in the umbria-marche apennines (italy)	Geobios	Articulo	1996
Comparative mineralogical and geochemical clay sedimentation in the betic-cordilleras and basque-cantabrian basin areas at the cretaceous-tertiary boundary	Sedimentary geology	Articulo	1995
Depositional trends in the valdorbia section (central italy) during the early jurassic, as revealed by micropaleontology, sedimentology and geochemistry	Eclogae geologicae helveticae	Articulo	1994
Geochemical characteristics of toarcian sedimentation in alpine geological domains	Mineralogical magazine	Articulo	1994
Platinum-group elements in the cores of potassium feldspar spherules from the cretaceous-tertiary boundary at caravaca (spain)	Estudios geológicos	Articulo	1994
Ree behaviour across the cretaceous-tertiary boundary	Mineralogical magazine	Articulo	1994
The cretaceous-tertiary boundary in the betic cordilleras and basque-cantabric basin. a comparative study of the platinum group elements anomalies	Mineralogical magazine	Articulo	1994
New data on the spherules from the cretaceous-tertiary boundary at caravaca (se spain)	Geogaceta	Articulo	1992
The geochemistry and mineralogy of the cretaceous-tertiary boundary at agost (se spain).	Chemical geology	Articulo	1992
Illite and smectite aem data. evidence of inherited and diagenetic processes	Proc. 7th euroclay conference	Articulo	1991

	Título proyecto	Tipo	Inicio	Fin
1	Sensibilidad del registro geoquímico marino a los impactos del cambio climático en el mediterráneo: escenarios de variabilidad climática pasada y respuestas futuras	Proyecto	1/1/16	12/31/18
2	Sensitivity of the marine geochemical record to climate change impacts in the mediterranean: past climate variability scenarios and future responses	Proyecto	1/1/16	12/31/18
3	Eventos climáticos y paleoceanográficos en el mediterráneo occidental durante el último ciclo glacial: interacciones biosfera-geosfera y fluidos profundos	Proyecto	9/1/12	8/31/15
4	Los ciclos biogeoquímicos del bario y carbono: registro de la paleoproductividad biológica marina y cambio global.	Proyecto	1/1/10	1/1/14
5	Rapid climate variability during the holocene in the western mediterranean: global and regional climate responses	Proyecto	1/1/10	12/31/12
6	Variabilidad climática y productividad biológica marina: paleoregistros como escenarios de cambio climático	Proyecto	12/12/08	12/16/11
7	Cambios climáticos rápidos en la península ibérica basados en calibración de indicadores, series instrumentales largas y análisis de alta resolución de registros marinos	Proyecto	10/1/06	9/30/09
8	Variabilidad climática y su impacto en la p ibérica desde el último máximo glacial: análisis de alta resolución de registros marinos e implicaciones para el entendimiento del clima presente y futuro	Proyecto	12/1/03	11/30/06
9	Assessment of the black sea sedimentary system since the last glacial extreme	Proyecto	2/1/03	1/31/06
10	Indicadores geoquímicos y bióticos de la variabilidad climática en el mediterráneo occidental durante los últimos 20.000 años.	Proyecto	1/1/03	12/27/03
11	Indicadores geoquímicos y bióticos de la variabilidad climática en el mediterráneo occidental durante los últimos 20.000 años	Proyecto	1/1/02	12/27/02
12	Indicadores geoquímicos y bióticos de la variabilidad climática en el mediterráneo occidental durante los últimos 20.000 años	Proyecto	1/1/01	12/27/01

Actividades 0

Título actividad	Fuente	Tipo	Fecha
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Colaboradores

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- INMACULADA PALOMO DELGADO (23)
- DAVID GALLEGO TORRES (22)
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- Francisco J. Rodríguez Tovar (15)
- MARÍA DEL CARMEN COMAS MINONDO (6)
- CARMEN FÁTIMA LÓPEZ RODRÍGUEZ (5)
- MARIA TERESA GONZALEZ MUÑOZ (4)
- EULOGIO PARDO IGUZQUIZA (3)
- FERNANDO NIETO GARCÍA (2)
- GONZALO JIMENEZ MORENO (2)
- JOSE MARIA ARIAS PEÑALVER (2)
- JOSÉ ANTONIO LÓPEZ SÁEZ (2)
- JUAN MANUEL FERNANDEZ SOLER (2)
- MARIA CONCEPCIÓN DE LINARES FERNÁNDEZ (2)
- ANTONIO GARCÍA-ALIX DAROCA (1)

- FADWA JROUNDI (1)
- JOSÉ DANIEL MARTÍN RAMOS (1)
- NICOLAS VELILLA SANCHEZ (1)