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(Cod.: RNM145)

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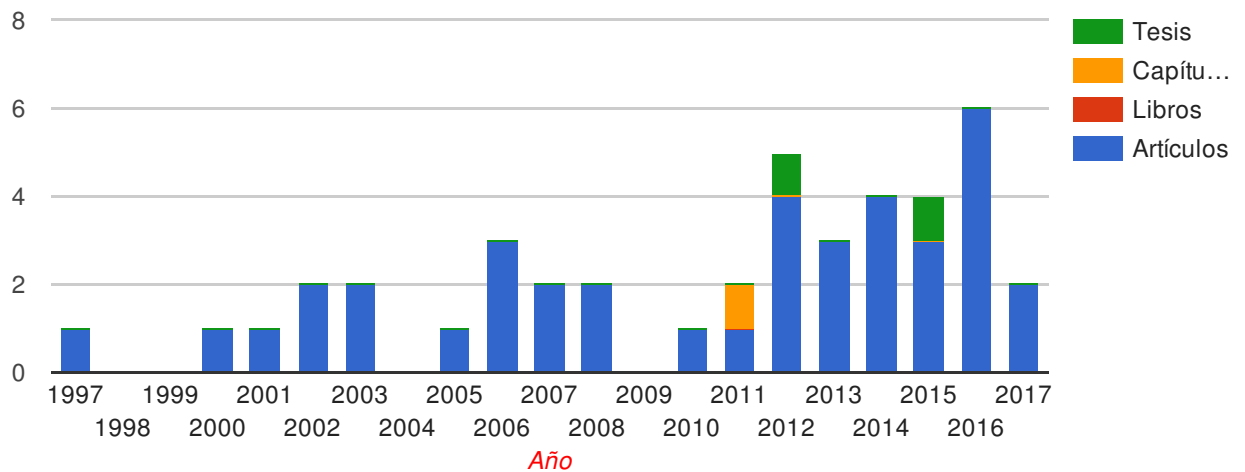


Ficha del Directorio

Producción 42

Artículos (39) Libros (0) Capítulos de Libros (1) Tesis dirigidas (2)

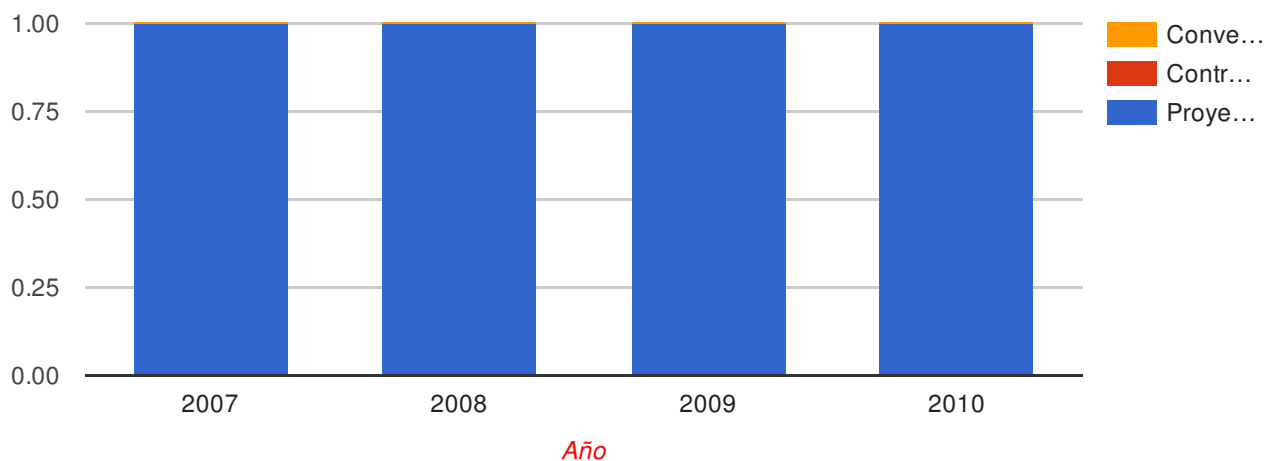
Evolución producción



Proyectos dirigidos 1

Proyectos (1) Contratos (0) Convenios (0)

Proyectos en curso por año



Actividades 0

| Título publicación | Fuente | Tipo | Fecha |
|--|---|----------------|--------------|
| Multi-stage evolution of the lithospheric mantle beneath the westernmost mediterranean: geochemical constraints from peridotite xenoliths in the eastern betic cordillera (se spain) | Lithos | Articulo | 2017 |
| Sr-nd-pb isotopic systematics of crustal rocks from the western betics (s. spain): implications for crustal recycling in the lithospheric mantle beneath the westernmost mediterranean | Lithos | Articulo | 2017 |
| Flow in the western mediterranean shallow mantle: insights from xenoliths in pliocene alkaly basalts from se iberita (eastern betic cordillera, spain) | Tectonics | Articulo | 2016 |
| Granitoid magmas preserved as melt inclusions in high-grade metamorphic rocks. | The american mineralogist | Articulo | 2016 |
| Melt inclusions in rock-forming and accessory minerals of high-grade metamorphic rocks: indicators of the nature and formation conditions of their protoliths | The american mineralogist | Articulo | 2016 |
| Serpentinization-driven extension in the ronda mantle slab (betic cordillera, s spain) | Gondwana research | Articulo | 2016 |
| The composition of nanogranitoids in migmatites overlying the ronda peridotites (betic cordillera, s spain): the anatexis history of a polymetamorphic basement | Contributions to mineralogy and petrology | Articulo | 2016 |
| Using nanogranitoids and phase equilibria modeling to unravel anatexis in the crustal footwall of the ronda peridotites (betic cordillera, s spain). | Lithos | Articulo | 2016 |
| High-temperature metamorphism and crustal melting: working with melt inclusions | Periodico di mineralogia | Articulo | 2015 |
| Hyperextension of continental to oceanic-like lithosphere: the record of late gabbros in the shallow subcontinental lithospheric mantle of the westernmost mediterranean | Tectonophysics | Articulo | 2015 |
| Unraveling the anatexis history of the lower continental crust through the petrology of melt inclusions of lu-hf garnet geochronology | Instituto andaluz de ciencias de la tierra (ugr-csic) | Tesis doctoral | 2015 |
| What can we learn from melt inclusions in migmatites and granulites? invited review article | Lithos | Articulo | 2015 |
| Age of anatexis in the crustal footwall of the ronda peridotites, s spain | Lithos | Articulo | 2014 |
| Microstructures and petrology of melt inclusions in the anatexis sequence of jubrique (betic cordillera, s spain): implications for crustal anatexis | Lithos | Articulo | 2014 |
| On the stability of magmatic cordierite and new thermobarometric equations for cordierite-saturated liquids | Contributions to mineralogy and petrology | Articulo | 2014 |
| The h ₂ o content of granite embryos | Earth and planetary science letters | Articulo | 2014 |
| Nanogranite inclusions in migmatitic garnet: behavior during piston-cylinder re-melting experiments | Geofluids | Articulo | 2013 |
| Phase equilibria constraints on melting of stromatic migmatites from ronda (s. spain): insights on the formation of peritectic garnet | Journal of metamorphic geology | Articulo | 2013 |
| Recovering the composition of melt and the fluid regime at the onset of crustal anatexis and s-type granite formation | Geology (boulder) | Articulo | 2013 |
| An experimental simulation of assimilation of metapelite by granitic melt | | Articulo | 2012 |
| Experiments on diffusion in granitic liquids: the diffusion-controlled timing of melt production and melt homogenization, and the long range chemical connectivity in granitoid melts | | Articulo | 2012 |
| Microstructures and melt inclusions in anatexis metasedimentary rocks | Journal of metamorphic geology | Articulo | 2012 |
| The extent of equilibration between melt and residuum during regional | | | |

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|--|---|-------------------|------|
| anatexis and its implications for differentiation of the continental crust: a study of partially melted metapelitic enclaves | | Artículo | 2012 |
| When the continental crust melts: a combined study of melt inclusions and classical petrology on the ronda migmatites | Universidad de parma | Tesis doctoral | 2012 |
| Melt inclusions in migmatites and granulites | Journal of the virtual explorer | Artículo | 2011 |
| Using melt inclusions for understanding crustal melting processes | Mcgraw-hill yearbook of science & technology 2011 | Capítulo de libro | 2011 |
| Mechanisms of crustal anatexis: a geochemical study of partially melted metapelitic enclaves and host dacite, se spain | Journal of petrology | Artículo | 2010 |
| Diffusive equilibration between hydrous metaluminous-peraluminous haplogranite liquid couples at 200 mpa (h2o) and alkali transport in granitic liquids | Contributions to mineralogy and petrology | Artículo | 2008 |
| Mechanisms and kinetics of crustal anatexis from a la-icp-ms study of partially melted metapelitic enclaves and host el hoyazo dacite, se spain | Geotemas | Artículo | 2008 |
| Immiscibility between carbonic fluids and granitic melts during crustal anatexis: a fluid and melt inclusion study in the enclaves of the neogene volcanic province of se spain | Chemical geology | Artículo | 2007 |
| Microstructures and composition of melt inclusions in a crustal anatectic environment, represented by metapelitic enclaves within el hoyazo dacites, se spain | Chemical geology | Artículo | 2007 |
| Dissolution of quartz, albite, and orthoclase in h2o-saturated haplogranitic melt at 800 degrees c and 200 mpa: diffusive transport properties of granitic melts at crustal anatectic conditions | Journal of petrology | Artículo | 2006 |
| Experiments on the kinetics of partial melting of a leucogranite at 200 mpa h2o and 690-800 degrees c: compositional variability of melts during the onset of h2o-saturated crustal anatexis | Contributions to mineralogy and petrology | Artículo | 2006 |
| Petrogénesis del plutón de santa eulalia (alto alentejo, portugal). | Revista de la sociedad geológica de españa | Artículo | 2006 |
| Contrasting interactions of sodium and potassium with h2o in haplogranitic liquids at 200 mpa from hydration-diffusion experiments | Contributions to mineralogy and petrology | Artículo | 2005 |
| Mobil trace elements and fluid-dominated processes in the ronda peridotite, southern spain. | Canadian mineralogist | Artículo | 2003 |
| Solubility of excess alumina in hydrous granitic melts in equilibrium with peraluminous minerals at 700-800°C and 200 mpa, and applications of the aluminum saturation index. | Contributions to mineralogy and petrology | Artículo | 2003 |
| Dissolution of corundum and andalusite in h2o-saturated haplogranitic melts at 800°C and 200 mpa: constraints on diffusivities and the generation of peraluminous melts | Journal of petrology | Artículo | 2002 |
| Estudio petrologico del batolito de santa eulalia -monforte (alto alentejo, portugal) | Geogaceta | Artículo | 2002 |
| Contrasting behaviour of boron during crustal anatexis | Lithos | Artículo | 2001 |
| Influence of volatiles in the generation of crustal anatectic melt | Journal of geochemical exploration | Artículo | 2000 |
| Serpentinización de las peridotitas de ronda (cordilleras béticas) por la interacción de fluidos ricos en volátiles: comportamiento del boro | Revista de la sociedad geológica de españa | Artículo | 1997 |

| | Título proyecto | Tipo | Inicio | Fin |
|---|--|-------------|---------------|------------|
| 1 | Estudio de los mecanismos de anaxia cortical mediante la combinación de estudios experimentales y estudios petrológicos-geoquímicos sobre enclaves pelíticos anatócticos en dacitas del se de españa | Proyecto | 10/1/07 | 9/30/10 |

Actividades 0

| Título actividad | Fuente | Tipo | Fecha |
|-------------------------|---------------|-------------|--------------|
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Colaboradores

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- **ANTONIO AZOR PEREZ** (3)
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- **JOSÉ ALBERTO PADRÓN NAVARTA** (2)
- **ANA RUIZ CONSTAN** (1)
- **FERNANDO GERVILLA LINARES** (1)
- **JESUS GALINDO ZALDIVAR** (1)