

Ficha de investigador

MARIA PILAR GONZALEZ MONTERO

Grupo de Investigación: **PETROLOGIA Y MODELIZACION DE PROCESOS LITOSFERICOS** (Cod.: RNM302)

Departamento: Universidad de Granada. Mineralogía y Petrología

Citas en Google Scholar: <https://scholar.google.es/citations?user=VXS0gkQAAAAJ&hl=es>

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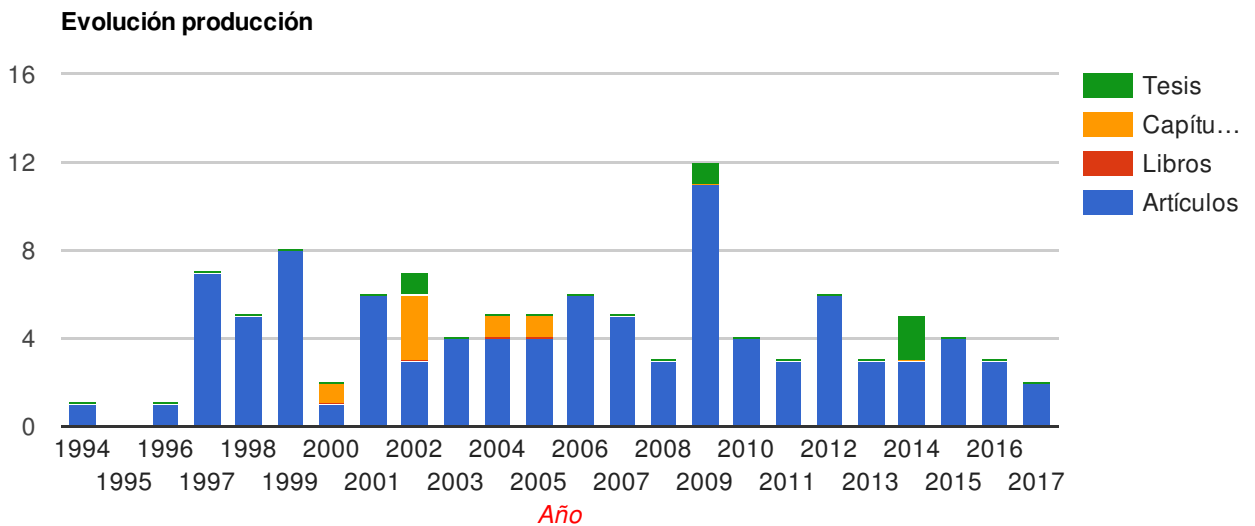
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Ficha del Directorio

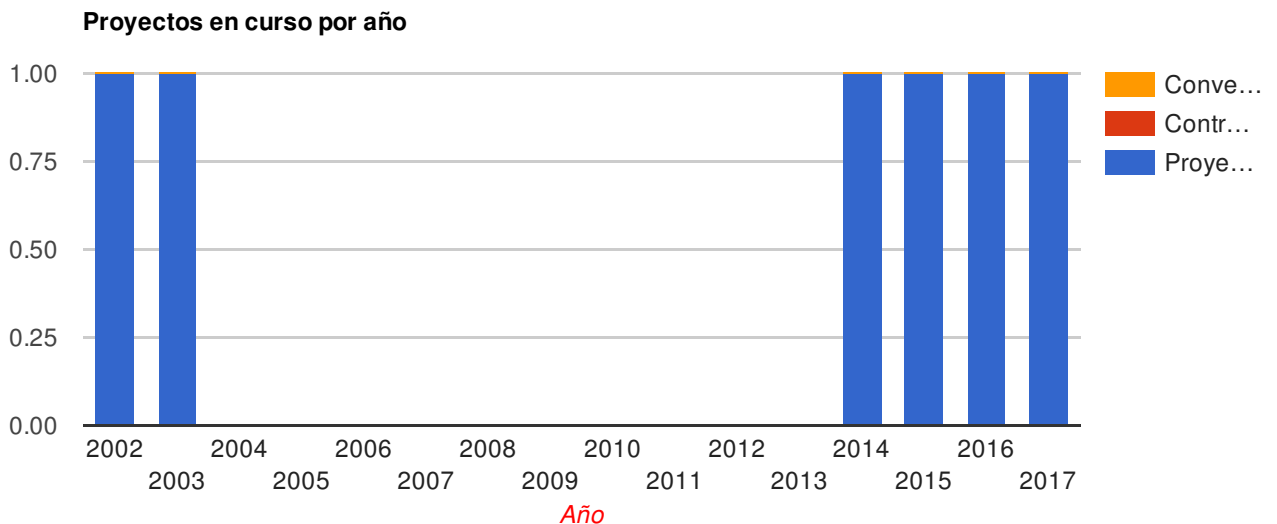
Producción 107

Artículos (97) Libros (0) Capítulos de Libros (6) Tesis dirigidas (4)



Proyectos dirigidos 2

Proyectos (2) Contratos (0) Convenios (0)



Actividades 2

Titulo publicación	Fuente	Tipo	Fecha
Lu-hf ratios of crustal rocks and their bearing on zircon hf isotope model ages: the effects of accessories	Chemical geology	Articulo	2017
Palaeogeography and crustal evolution of the ossa-morena zone, southwest iberia, and the north gondwana margin during the cambro-ordovician: a review of isotopic evidence.	International geology review	Articulo	2017
Contrasting shrimp u-pb zircon ages of two carbonatite complexes from the peri-cratonic terranes of the reguibat shield: implications for the lateral extension of the west african craton	Gondwana research	Articulo	2016
Th-ree-and nb-ta-accessory minerals in post-collisional ediacaran felsic rocks from the katerina ring complex (s. sinai, egypt): an assessment for the fractionation of y/nb, th/nb, la/nb and ce/pb in highly evolved a-type granites	Lithos	Articulo	2016
The archean kalsilite-nepheline syenites of the awsard intrusive massif (reguibat shield, west african craton, morocco) and its relationship to the alkaline magmatism of africa	Journal of african earth sciences, and the middle east	Articulo	2016
First evidence for cambrian rift-related magmatism in the west african craton margin: the derraman peralkaline felsic complex. gondwana research	Gondwana research	Articulo	2015
Shrimp u-pb zircon dating of the valencia del ventoso plutonic complex, ossa-morena zone, sw iberia: lower carboniferous extension-related "calc-alkaline" magmatism	Gondwana research	Articulo	2015
The spatial and compositional evolution of the late jurassic ghorveh-dehgolan plutons of the zagros orogen, iran: shrimp zircon u-pb and sr and nd isotope evidence	Geologica acta	Articulo	2015
Two distinct late mesoproterozoic/early neoproterozoic basement provinces in central/eastern dronning maud land, east antarctica: the missing link, 15¿21°e	Precambrian research	Articulo	2015
Geochronology and petrogenesis of the katerina ring complex, southern sinai, egypt	Universidad de granada	Tesis doctoral	2014
Geochronology and petrogenesis of the katerina ring complex, southern sinai, egypt.	Universidad de granada	Tesis doctoral	2014
Kalsilite-bearing plutonic rocks: the deep-seated archean awsard massif of the reguibat rise, south morocco, west african craton	Earth-science reviews	Articulo	2014
Timing of archean crust formation and cratonization in the awsard-tichla zone of the nw reguibat rise, west african craton: a shrimp, nd/sr isotopes, and geochemical reconnaissance study	Precambrian research	Articulo	2014
Unraveling sources of a-type magmas in juvenile continental crust: constraints from compositionally diverse ediacaran post-collisional granitoids in the katerina ring complex, southern sinai, egypt	Lithos	Articulo	2014
2.46 ga kalsilite and nepheline syenites from the awsard pluton, reguibat rise of the west african craton, morocco. generation of extremely k-rich magmas at the archean¿proterozoic transition	Precambrian research	Articulo	2013
Diffusion-induced disturbances of the u/pb isotope system in pre-magmatic zircon and their influence on sims dating. a numerical study	Chemical geology	Articulo	2013
U/pb zircon geochronology of the cambro ordovician metagranites and metavolcanic rocks of central and nw iberi	International journal of earth sciences	Articulo	2013
Anomalous xenocryst dispersion during tonalite-granodiorite crystal mush hybridization in the mid crust: mineralogical and geochemical evidence from variscan appinites (avila batholith, central iberia)	Lithos	Articulo	2012
Ediacaran to lower ordovician age for rocks ascribed to the schist-graywacke complex (iberian massif, spain): evidence from detrital zircon shrimp u-pb geochronology	Gondwana research	Articulo	2012
Ediacaran to lower ordovician age for rocks ascribed to the			

schist¿graywacke complex (iberian massif, spain): evidence from detrital zircon shrimp u¿pb geochronology	Gondwana research	Articulo	2012
Nuevos datos geocronológicos sobre la evolución tectonometamórfica de la unidad de sierra albarrana (zona de ossa-morena, so de iberia)	Geotemas	Articulo	2012
Nuevos datos geocronológicos sobre la evolución tectonometamórfica de la unidad de sierra albarrana (zona de ossa-morena, so de iberia)	Geotemas	Articulo	2012
Shrimp u-pb zircon dating of the katerina ring complex: insights into the temporal sequence of ediacaran calc-alkaline to peralkaline magmatism in southern sinai, egypt	Gondwana research	Articulo	2012
Lamprophyre dikes as tectonic markers of late orogenic transtension timing and kinematics: a case study from the central iberian zone	Tectonics	Articulo	2011
Shrimp dating and nd isotope geology of the archean terranes of the uweinat-kamil inlier, egypt¿sudan¿libya	Precambrian research	Articulo	2011
The bir safsaf precambrian inlier of wouth-west egypt revisited. a model for ~1.5 ga tdm late pan-african granite generation by crustal reworking	Lithos	Articulo	2011
Erratum: shoshonites, vaugnerites and potassic lamprophyres: similarities and differences between ¿ultra¿-high-k rocks	Royal society of edinburgh. transactions. earth sciences	Articulo	2010
Geochronological data on the rabat-tiflet granitoids: their bearing on the tectonics of the moroccan variscides	Journal of african earth sciences	Articulo	2010
Structural and geochronological constraints on the evolution of the bou azzer neoproterozoic ophiolite (anti-atlas, morocco)	Precambrian research	Articulo	2010
The paleogeographic position of central iberia in gondwana during the ordovician: evidence from zircon chronology and nd isotopes		Articulo	2010
High-ti amphibole as a petrogenetic indicator of magma chemistry: evidence for mildlc alkalic-hybrid melts during evolution of variscan basic-ultrabasic magmatism of central iberia	Contributions to mineralogy and petrology	Articulo	2009
Intrusive magmatism during early evolutionary stages of the ural epiocceanic orogen: u-pb geochronology (la icp ms, nordsim, and shrimp ii), geochemistry, and evolutionary tendencies.	Geochemistry international	Articulo	2009
Isotopic-geochemical features and age of zircons in dunites of the platinum-bearing type uralian massifs: petrogenetic implications		Articulo	2009
Pre-variscan magmatism of the central iberian zone: chemical and isotope composition, geochronology and geodynamic significance	Universidad de granada. mineralogía y petrología	Tesis doctoral	2009
Reply to discussion on the eocene bimodal piranshahr massif of the sanadaj-sirjan zone, west iran: a marker of the end of collision in the zagros orogen	Journal of the geological society	Articulo	2009
Shoshonites, vaugnerites and potassic lamprophyres:similarities and differences between ultra-high-k rocks	Royal society of edinburgh. transactions. earth sciences	Articulo	2009
The ¿8764;844 ma moneiga quartz-diorites of the sinai, egypt: evidence for andean-type arc or rift-related magmatism in the arabian-nubian shield?	Precambrian research	Articulo	2009
The eocene bimodal piranshahr massif of the sanandaj-sirjan zone, nw iran: a marker of the end of the collision in the zagros orogen	Journal of the geological society	Articulo	2009
Tourmaline 40ar/39ar chronology of tourmaline-rich rocks from central iberia dates the main variscan deformation phases	Geologica acta	Articulo	2009
Trace elements in minerals as indicators of the evolution of alkaline ultrabasic dike series: la-icp-ms data for the magmatic provinces of northeastern fennoscandia and germany		Articulo	2009
Within-plate calc-alkaline rocks: insights from alkaline mafic magma-			

peraluminous crustal melt hybrid appinites of the central iberian variscan continental collision	Lithos	Artículo	2009
Zircon geochronology of the ollo de sapo formation and the age of the cambro-ordovician rifting in iberia	The journal of geology	Artículo	2009
A revised ordovician age for the sisargas orthogneiss, galicia (spain). zircon u-pb ion-microprobe and la-icpms dating	Geologica acta	Artículo	2008
New insights from u-pb zircon dating of early ordovician magmatism on the northern gondwana margin: the urra formation (sw iberian massif, portugal)	Tectonophysics	Artículo	2008
Precise single-zircon pb-pb dating reveals that aljucén (mérida) is the oldest plutonic body of the central iberian zone	Geotemas	Artículo	2008
Geodynamic settings and history of the paleozoic intrusive magmatism of the central and southern urals: results of zircon dating	Geotectonics	Artículo	2007
The polychronous nature of zircons in gabbroids of the ural platinum belt and the issue of the precambrian in the tagil synclinorium	Doklady earth sciences	Artículo	2007
Zircon ages of the metavolcanic rocks and metagranites of the ollo de sapo domain in central spain: implications for the neoproterozoic to early palaeozoic evolution of iberia	Geological magazine (print)	Artículo	2007
Zircon inheritance reveals exceptionally fast crustal magma generation processes in central iberia during the cambro-ordovician	Journal of petrology	Artículo	2007
Zircon thermometry and u-pb ion-microprobe dating of the gabbros and associated migmatites of the variscan toledo anatexic complex, central iberia	Journal of the geological society	Artículo	2007
A la-icp-ms evaluation of zr reservoirs in common crustal rocks: implications for zr and hf geochemistry, and zircon-forming processes	Canadian mineralogist	Artículo	2006
A precise late permian 40ar/39ar age for central iberian camptonitic lamprophyres	Geologica acta	Artículo	2006
Evidence for sveconorwegian (grenvillian) magmatic activity in the northwestern baltic shield	Doklady earth sciences	Artículo	2006
Polygenous zircons in the adui batholith (middle urals)	Doklady earth sciences	Artículo	2006
Proterozoic gremyakha-vyrmes polyphase massif, kola peninsula: an example of mixing basic and alkaline mantle melts		Artículo	2006
Zircons and the problem of precambrian in the main granite belt of the urals: evidence from the kozhubaev metamorphic complex	Doklady earth sciences	Artículo	2006
Deformation-driven differentiation of granitic magma: the stepninsk pluton of the uralides, russia	Lithos	Artículo	2005
Evolution of paleozoic intrusive magmatism of the middle and south urals	Litosfera (vilnius (spausdinta))	Artículo	2005
Trace elements in minerals of the khibiny massif as indicators of mineral formation evolution: results of la-icp-ms study	Geochemistry international	Artículo	2005
Zircon geochemistry from gabbros and associated plagiogranites	Applied geochemistry	Capítulo de libro	2005
Zircon geochronology of the murza metamorphic complex (middle urals)	Doklady earth sciences	Artículo	2005
55 million years of continuous anatexis in central iberia: single-zircon dating of the pena negra complex	Journal of the geological society	Artículo	2004
Edad "207" pb/206 pb en cristal único de circón de las rocas máficas y ultramáficas del sector de gredos, batolito de ávila (sistema central español)	Revista de la sociedad geológica de españa	Artículo	2004
Hornblende gabbro in the urals: types, geochemistry, and petrogenesis	Geochemistry international	Artículo	2004
Los complejos alcalinos prevariscos (magmatismo del paleozoico inferior en las unidades basales)	Geología de españa	Capítulo de libro	2004
Protolith ages of eclogites. marun-keu complex, polar urals, russia:	Memoirs of the		

implications for the pre- and early uralian evolution of the northeastern european continental margin	geological society of london	Articulo	2004
Isotopic rb-sr age of the pseudoleucite tilaite in the uralian platinum belt	Doklady earth sciences	Articulo	2003
Metamorphic and deformational imprint of cambrian¿lower ordovician rifting in the ossa-morena zone (iberian massif, spain)	Journal of structural geology	Articulo	2003
The behaviour of trace elements in high-p mineral assemblages: a la-icp-ms study of mafic rocks from the nevado-filabride complex (se spain)	Schweizerische mineralogische und petrographische mitteilungen	Articulo	2003
The nature, origin, and thermal influence of the granite source layer of central iberia	The journal of geology	Articulo	2003
Devonian plume magmatism in the baltic shield: rare earth elements in rocks and minerals of the ultrabasic alkaline series as indicators of magma evolution	Deep-seated magmatism, magmatic sources and the problem of plumes	Capítulo de libro	2002
Four decades of geochronological work in the southern and middle urals: a review	Mountain building in the uralides: pangea to present	Capítulo de libro	2002
Peraluminous granites frequently with mantle-like isotope compositions: the continental-type murzinka and dzhabyk batholiths of the eastern urals	International journal of earth sciences	Articulo	2002
Petrology and isotope geochemistry of syrostan pluton, in the main uralian fault.	Universidad de granada. mineralogía y petrología	Tesis doctoral	2002
Ree in rocks and minerals from alkaline plutons of the kola peninsula, nw russia, as indicators of alkaline magma evolution	Russian journal of earth sciences (online)	Articulo	2002
Subduction-related anatectic granitoids of the urals	Geologíá i geofizika (novosibirsk)	Articulo	2002
Variscan granitoids of the urals: implications for the evolution of the orogen	Mountain building in the uralides: pangea to present	Capítulo de libro	2002
Age, geochemistry and petrogenesis of the ultramafic pipes in the ivrea zone, nw italy	Journal of petrology	Articulo	2001
Age, geochemistry, and petrogenesis of the alkaline ultramafic pipes of the ivrea zone, nw italy. implication for the timing and nature of underplated magmas.	Journal of petrology	Articulo	2001
Anomalous alkaline rocks of soustov, kola: evidence of mantle- derived metasomatic fluids affecting crustal materials	Contributions to mineralogy and petrology	Articulo	2001
Fracionación de isótopos de sr y nd en la fusión parcial de metapelitas. implicaciones sobre la petrogénesis granítica	Memórias da academia das ciências de lisboa. classe de ciências	Articulo	2001
Kola alkaline province in the paleozoic: evaluation of primary mantle magma composition and magma generation conditions	Russian journal of earth sciences (online)	Articulo	2001
Recycling of continental crust into the mantle as revealed by kytlym dunite zircons, ural mts, russia	Terra nova	Articulo	2001
Granitoid massifs of turgoyak-syrostan group in the main uralian fault	Magmatic and metamorphic rocks of the urals and their metallogeny	Capítulo de libro	2000
Single-zircon evaporation ages and rb-sr dating of four major variscan batholiths of the urals: a perspective on the timing of deformation and granite generation	Tectonophysics	Articulo	2000
Behavior of accessory phases and redistribution of zr, ree, y, th, and u	Geochimica et		

during metamorphism and partial melting of metapelites in the lower crust: an example from the kinzigite formation of ivrea-verbano, nw italy	Geochimica et cosmochimica acta	Articulo	1999
Insight into the petrogenesis of the ural platinum belt: new geochemical evidence	Geohimiâ (moskva)	Articulo	1999
Insight into petrogenesis of the urals platinum belt: new geochemical evidence.	Geochemistry international	Articulo	1999
Mafic precursors, peraluminous granitoids, and late lamprophyres in the avila batholith: a model for the generation of variscan batholiths in iberia	The journal of geology	Articulo	1999
New data on 207pb/206pb ages of central and south ural granitoids determined by kober method		Articulo	1999
New data on the geochemistry of the ural platinum bearing-belt: the contribution to petrogenesis	Geohimiâ (moskva)	Articulo	1999
Relación rb-sr y cronología 207pb / 206pb de un grano único de circón de la granodiorita de monesterio y migmatitas relacionadas. evidencia de un evento de fusión del cámbrico superior en la zona ossa-morena, macizo ibérico.	Estudios geológicos	Articulo	1999
The mindyak palaeozoic lherzolite ophiolite, southern urals: geochemistry and geochronology	Ofioliti	Articulo	1999
Accurate determination of 87rb/86sr and 147sm/144nd ratios by inductively-coupled-plasma mass spectrometry in isotope geoscience: an alternative to isotope dilution analysis	Analytica chimica acta	Articulo	1998
Anatexis of basites in a paleosubduction zone and the origin of anorthosite-plagiogranite series of the ural platinum-bearing belt	Geohimiâ (moskva)	Articulo	1998
Lateral zonation, evolution, and geodynamic interpretation of magmatism of the urals: new petrological and geochemical data		Articulo	1998
The accumulation of rare-earth and high-field-strength elements in peralkaline granitic rocks: the galineiro orthogneissic complex, northwestern spain	Canadian mineralogist	Articulo	1998
The results of rb-sr dating and nd isotope study in the granitoids of the verkhisetsk massif (middle urals)	Akademiya nauk ukrainskoi sssr doklady	Articulo	1998
Generation and evolution of subduction-related batholiths from the central urals: constraints on the p-t history of the uralian orogen	Tectonophysics	Articulo	1997
Jurassic guyots on the southern iberian continental margin: a model of isolated carbonate platforms on volcanic submarine edifices	Terra nova	Articulo	1997
Platinum-group element distribution in mafic-ultramafic complexes of central and southern urals: preliminary results.	Tectonophysics	Articulo	1997
Platinum-group elements as petrological indicators in mafic-ultramafic complexes of the central and southern urals: preliminary results	Tectonophysics	Articulo	1997
Pressure-dependence of rare earth element distribution in amphibolite- and granulite- grade garnets. a la-icp-ms study.	Geostandards newsletter	Articulo	1997
Pressure-dependence of rare earth element distribution in amphibolite- and granulite-grade garnets. a la-icp-ms study	Geostandards newsletter	Articulo	1997
Uralian magmatism: an overview	Tectonophysics	Articulo	1997
Microanalysis of minerals by an excimer uv-la-icp-ms system	Chemical geology	Articulo	1996
Ultratrace-level determination of rare earth elements, thorium and uranium in ultramafic rocks by icp-ms	Atomic spectroscopy	Articulo	1994

	Título proyecto	Tipo	Inicio	Fin
1	Herencia de circon en procesos magmaticos. mecanismos y aplicaciones al estudio del reciclado cortical y la dinamica del manto	Proyecto	1/1/14	12/31/17
2	Trace element partitioning among major and accessory phases of plutonic alkaline rocks	Proyecto	11/1/02	12/20/03

Actividades 2

Título actividad	Fuente	Tipo	Fecha
Cnai		Experiencia en evaluación	Jan 12, 2015
Cneai		Experiencia en evaluación	Jan 16, 2017

Colaboradores

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- **JOSE FRANCISCO MOLINA PALMA** (26)
- **JANE HANNAH SCARROW** (24)
- **FRANCISCO GONZALEZ LODEIRO** (9)
- **Aitor Cambeses Torres** (7)
- **JUAN ANTONIO MORENO MORENO** (6)
- **ANTONIO AZOR PEREZ** (4)
- **JOSÉ FERNANDO SIMANCAS CABRERA** (4)
- **DAVID JESUS MARTINEZ POYATOS** (3)
- **CONCEPCION LAZARO CALISALVO** (2)
- **JOSE TORRES RUIZ** (1)
- **MIGUEL ORTEGA HUERTAS** (1)