

# DANIEL ALEXANDER STICH

Grupo de Investigación: **SISMOLOGÍA Y GEOFISICA (Cod.: RNM104)**

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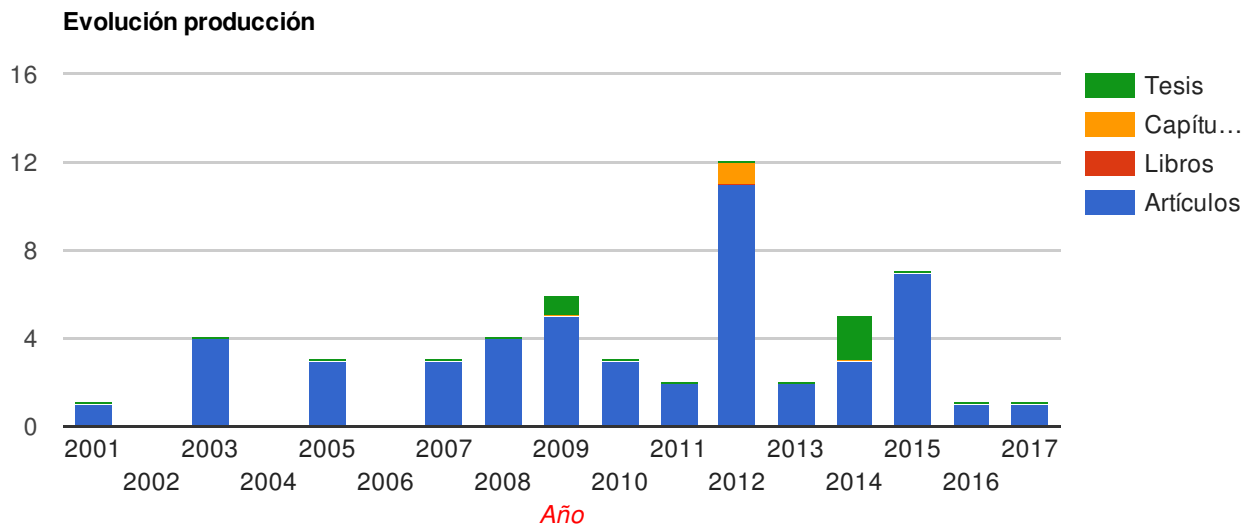
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Ficha del Directorio

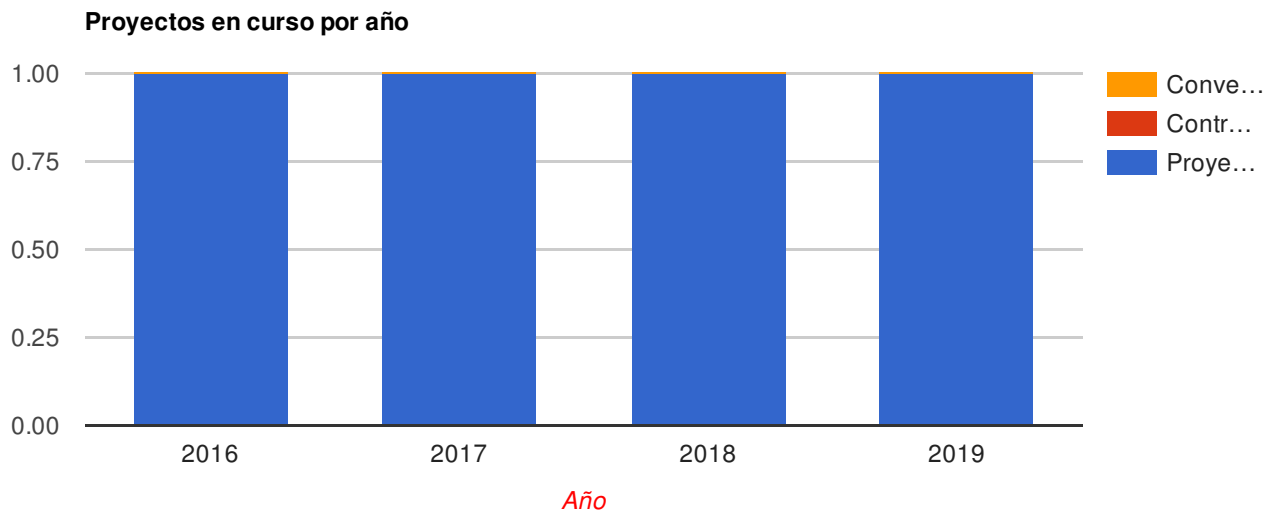
## Producción 54

Artículos (50) Libros (0) Capítulos de Libros (1) Tesis dirigidas (3)



## Proyectos dirigidos 1

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



## Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
Tearing of the mantle lithosphere along the intermediate-depth seismicity zone beneath the gibraltar arc - the onset of lithospheric delamination	Geophysical research letters	Articulo	2017
Resolution of rupture directivity in weak events: 1-d versus 2-d source parameterizations for the 2011, mw 4.6 and 5.2 lorca earthquakes, spain	Journal of geophysical research	Articulo	2016
Crustal thickness and images of the lithospheric discontinuities in the gibraltar arc and surrounding areas	Geophysical journal international	Articulo	2015
Moment tensor solutions for the iberian-maghreb region during the iberarray deployment (2009-2013)	Tectonophysics	Articulo	2015
Moment tensor solutions for the iberian-maghreb region during the iberarray deployment (2009-2013)	Tectonophysics	Articulo	2015
Slab rupture and delamination under the betics and rif constrained from receiver functions	Tectonophysics	Articulo	2015
The 2012-2013 earthquake swarm in the eastern guadaluquivir basin (south spain): a case of heterogeneous faulting due to oroclinal bending	Gondwana research	Articulo	2015
The complex-step-finite-difference method	Geophysical journal international	Articulo	2015
The autumn 1919 torremendo (jacarilla) earthquake series (se spain)		Articulo	2015
Advances in seismic monitoring at deception island volcano (antarctica) since the international polar year	Annals of geophysics	Articulo	2014
Complex steps finite differences	Facultad de ciencias, universidad de granada	Tesis doctoral	2014
Inversión de la fuente sísmica finita con modelos de desplazamientos aleatorios y el problema de resolución	Facultad de ciencias, universidad de granada	Tesis doctoral	2014
The 2011 lorca seismic series: temporal evolution, faulting parameters and hypocentral relocation	Bulletin of earthquake engineering	Articulo	2014
The 2012-2013 earthquake swarm in the eastern guadaluquivir basin (south spain): a case of heterogeneous faulting due to oroclinal bending	Gondwana research	Articulo	2014
Delamination in the betic range: deep structure, seismicity, and gps motion	Geology (boulder)	Articulo	2013
On the generalization of the complex step method	Journal of computational and applied mathematics	Articulo	2013
Catálogo de tensores momento para la región ibero-magrebí del instituto andaluz de geofísica(iag)	Homenaje a la profesora maría dolores romacho romero	Capítulo de libro	2012
Crustal thickness variations in northern morocco	Journal of geophysical research	Articulo	2012
Directividad y propiedades de la ruptura finita del terremoto de lorca, 2011	Boletín geológico y minero	Articulo	2012
Evidence for active strike-slip faulting along the eurasia-africa convergence zone: implications for seismic hazard in the southwest iberian margin	Geology (boulder)	Articulo	2012
Finite rupture properties of the 2011 lorca earthquake   directividad y propiedades de la ruptura finita del terremoto de lorca, 2011	Boletín geológico y minero	Articulo	2012
Nucleation, linkage and active propagation of a segmented quaternary normal-dextral fault: the loma del viento fault (campo de dalías, eastern betic cordillera, se spain)	Tectonophysics	Articulo	2012
Parámetros de la fuente y del movimiento del suelo del terremoto de lorca de 2011	Física de la tierra	Articulo	2012
Q(p) and q(s) in the upper mantle beneath the iberian peninsula from recordings of the very deep granada earthquake of april 11, 2010	Geophysical research letters	Articulo	2012

Recent and active tectonics in the western part of the betic cordillera	Journal of iberian geology	Articulo	2012
Results of seismic monitoring surveys of decepcion island volcano, antarctica, from 1999-2011	Antarctic science	Articulo	2012
Rupture directivity of the 2011, mw 5.2 lorca earthquake (spain)	Geophysical research letters	Articulo	2012
Tectonic and seismic implications of an intersegment rupture the damaging may 11th 2011 mw 5.2 lorca, spain, earthquake	Tectonophysics	Articulo	2012
Images of the iberian lithosphere from one local earthquake	Bulletin of the seismological society of america	Articulo	2011
Ocean noise triggering of rhythmic long period events at deception island volcano	Geophysical research letters	Articulo	2011
Crustal-scale transcurrent fault development in a weak layered crust from an integrated geophysical research: carboneras fault zone, eastern betic cordillera, spain	Geochemistry, geophysics, geosystems	Articulo	2010
Crustal scale transcurrent fault development in a weak layered crust from an integrated geophysical research: carboneras fault zone, eastern betic cordillera, spain	Geochemistry, geophysics, geosystems	Articulo	2010
Focal mechanisms for subcrustal earthquakes in the gulf of cadiz from a dense obs deployment	Geophysical research letters	Articulo	2010
Análisis espacial de la actividad sísmica reciente del sur de españa	Universidad de granada. física teórica y del cosmos	Tesis doctoral	2009
Is the northwestern betic cordillera mountain front active in the context of the convergent eurasia-africa plate boundary?	Terra nova	Articulo	2009
Imaging lateral heterogeneity in the northern apennines from time reversal of reflected surface waves	Geophysical journal international	Articulo	2009
Moment tensor inversion for iberian-magreb earthquakes 2005-2008	Tectonophysics	Articulo	2009
Multiplet focal mechanisms from polarities and relative locations: the iznajar swarm in southern spain	Bulletin of the seismological society of america	Articulo	2009
Time reversal imaging of synthetic volcanic tremor sources	Geophysical research letters	Articulo	2009
Inversion of moment tensor focal mechanisms for active stresses around the microcontinent iberia: tectonic implications	Tectonics	Articulo	2008
Spatial analysis of the la paca, se spain, 2005 seismic series through the relative location of multiplets and principal component analysis	Physics of the earth and planetary interiors	Articulo	2008
The 1951, mw 5.2 and 5.3, jaén (s-spain) earthquake doublet revisited	Bulletin of the seismological society of america	Articulo	2008
Vertical ground motion in southern spain	Bulletin of the seismological society of america	Articulo	2008
An overview of the damaging and low magnitude la paca earthquake (mw 4.8) on january 29th 2005. context, seismotectonics, and seismic risk implications for south-east spain	Bulletin of the seismological society of america	Articulo	2007
Reflection of seismic surface waves at the northern apennines	Earth and planetary science letters	Articulo	2007
Source analysis of the february 12th 2007, mw 6.0 horseshoe earthquake: implications for the 1755 lisbon earthquake	Geophysical research letters	Articulo	2007
Crust-mantle coupling in the gulf of cadiz (sw-iberia)	Geophysical research letters	Articulo	2005

Moment tensor inversion with single-component historical seismograms: the 1909 benavente (portugal) and lambesc (france) earthquakes	Geophysical journal international	Articulo	2005
Source analysis of the mw 6.3 2004 al hoceima earthquake using apparent source time functions	Journal of geophysical research	Articulo	2005
Moment tensor determination for the ibero-maghrebian region	Orfeus electronic newsletter	Articulo	2003
Moment tensor solutions for small and moderate earthquakes in the ibero-maghreb region	Journal of geophysical research	Articulo	2003
New results from amplitude preserving prestack depth migration of the munchberg/vogtland segment of the mve deep seismic survey	Journal of geodynamics	Articulo	2003
Source parameters of the m-w=6.1 1910 adra earthquake (southern spain)	Geophysical journal international	Articulo	2003
The relative locations of multiplets in the vicinity of the western almeria (southern spain) earthquake series of 1993-1994	Geophysical journal international	Articulo	2001

	<b>Título proyecto</b>	<b>Tipo</b>	<b>Inicio</b>	<b>Fin</b>
1	Delaminacion, sismicidad y deformacion en el borde meridional de la cordillera betica	Proyecto	1/1/16	12/31/19

## Actividades 0

<b>Título actividad</b>	<b>Fuente</b>	<b>Tipo</b>	<b>Fecha</b>
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## Colaboradores

- JOSE MORALES SOTO (37)
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- ROSA MARÍA MARTIN LEON (10)
- JESUS GALINDO ZALDIVAR (6)
- ANA RUIZ CONSTAN (5)
- ENRIQUE CARMONA RODRIGUEZ (5)
- JESUS MIGUEL IBAÑEZ GODOY (5)
- ANGEL GERARDO ALGUACIL DE LA BLANCA (4)
- ANTONIO PEDRERA PARIAS (4)
- FRANCISCO DE ASÍS VIDAL SÁNCHEZ (3)
- FRANCISCO JAVIER ALMENDROS GONZALEZ (3)
- JOSE VICENTE PÉREZ PEÑA (3)
- JOSÉ MIGUEL AZAÑÓN HERNANDEZ (3)
- INMACULADA SERRANO BERMEJO (2)
- PATRICIA RUANO ROCA (2)
- ANTONIO GONZÁLEZ RAMÓN (1)
- FRANCISCO JAVIER ROLDÁN GARCÍA (1)
- GUILLERMO BOOTH REA (1)
- GUILLERMO CORTÉS MORENO (1)
- VANESSA JIMÉNEZ MORALES (1)