Ficha de investigador

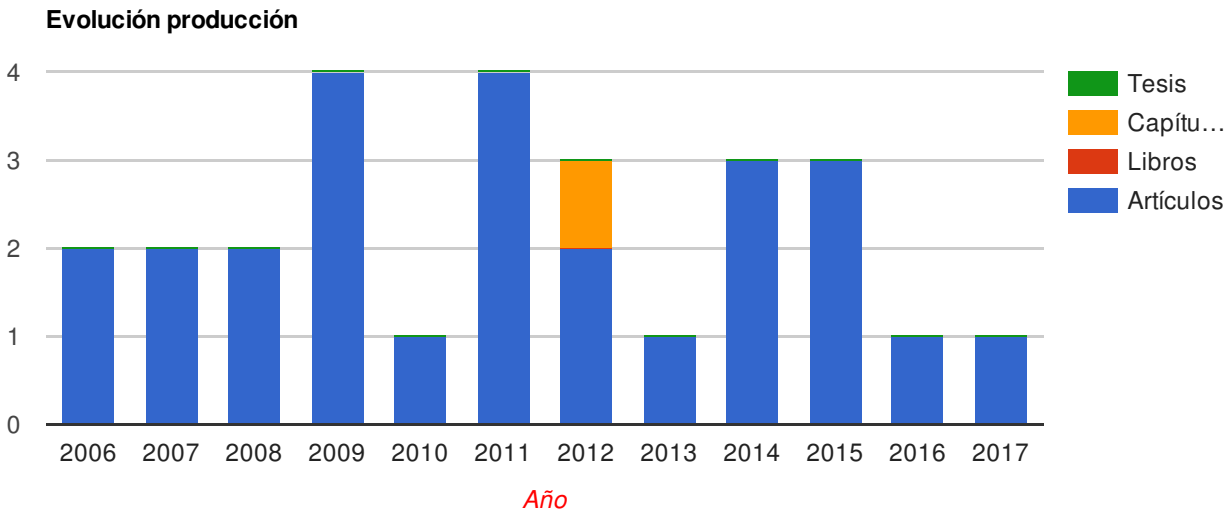
JUAN ANTONIO BONACHELA FAJARDO

Grupo de Investigación: FÍSICA ESTADÍSTICA Y DE LOS SISTEMAS COMPLEJOS (Cod.: FQM165)
Departamento: Universidad de Granada. Electromagnetismo y Física de la Materia
Código ORCID: http://orcid.org/0000-0002-3316-8120
Código: 46163

Ficha del Directorio

Producción 27

Artículos (26) Libros (0) Capítulos de Libros (1) Tesis dirigidas (0)



Proyectos dirigidos 0

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

Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
A theoretical foundation for multi-scale regular vegetation patterns	Nature	Articulo	2017
Interactions between growth-dependent changes in cell size, nutrient supply and cellular elemental stoichiometry of marine synechococcus	Isme journal	Articulo	2016
Eluding catastrophic shifts	Proceedings of the national academy of sciences of the united states of america	Articulo	2015
Resource allocation by the marine cyanobacterium synechococcus wh8102 in response to different nutrient supply ratios	Limnology and oceanography	Articulo	2015
Termite mounds can increase the robustness of dryland ecosystems to climatic change	Science	Articulo	2015
Evolutionary comparison between viral lytic rate and latent period	Journal of theoretical biology	Articulo	2014
Impact of ocean phytoplankton diversity on phosphate uptake	Proceedings of the national academy of sciences of the united states of america	Articulo	2014
Quenched disorder forbids discontinuous transitions in non-equilibrium low-dimensional systems	Physical review e: covering statistical, nonlinear, biological, and soft matter physics	Articulo	2014
A model for variable phytoplankton stoichiometry based on cell protein regulation	Biogeosciences	Articulo	2013
Correction for bonachela et al., dynamic model of flexible phytoplankton nutrient uptake	Proceedings of the national academy of sciences of the united states of america	Articulo	2012
Mathematical and computational challenges in the study of complex adaptive microbial systems	The social biology of microbial communities: workshop summary	Capítulo de libro	2012
Patchiness and demographic noise in three ecological examples	Journal of statistical physics	Articulo	2012
Dynamic model of flexible phytoplankton nutrient uptake	Proceedings of the national academy of sciences usa	Articulo	2011
Evolution of a modular software network	Proceedings of the national academy of sciences usa	Articulo	2011
Temporal griffiths phases	Physical review letters	Articulo	2011
Universality in bacterial colonies	Journal of statistical physics	Articulo	2011
Self-organization without conservation: are neuronal avalanches generically critical?	Journal of statistical mechanics: theory and experiment	Articulo	2010
Cusps, self-organization, and absorbing states	Physical review. e, statistical, nonlinear, and soft matter physics	Articulo	2009
Self-organization without conservation: true or just apparent scale-invariance?	Journal of statistical mechanics: theory and experiment	Articulo	2009
Simplest nonequilibrium phase transition into an absorbing state	Physical review. e, statistical, nonlinear, and soft matter physics	Articulo	2009
The simplest nonequilibrium phase transition into an absorbing state	Physical review. e, statistical, nonlinear, and soft matter physics	Articulo	2009
Confirming and extending the hypothesis of universality in sandpiles	Physical review. e, statistical, nonlinear, and soft matter physics	Articulo	2008
Entropy estimates of small data sets	Journal of physics a: mathematical and theoretical	Articulo	2008
Absorbing states and elastic interfaces in random media: two equivalent descriptions of self-organized criticality	Physical review letters	Articulo	2007

How to discriminate easily between directed-percolation and manna scaling	Physica a. statistical mechanics and its applications	Articulo	2007
Absorbing state phase transitions with a non-accessible vacuum	Journal of statistical mechanics: theory and experiment	Articulo	2006
Sticky grains do not change the universality class of isotropic sandpiles	Physical review. e, statistical, nonlinear, and soft matter physics	Articulo	2006

	Titulo proyecto	Tipo	Inicio	Fin

Actividades 0

Titulo actividad	Fuente	Tipo	Fecha

Colaboradores

- MIGUEL ANGEL MUÑOZ MARTINEZ (15)
- Paula Villa Martín (2)
- JOAQUIN JAVIER TORRES AGUDO (1)