

PABLO SANCHEZ MORENO

Grupo de Investigación: FÍSICA ATÓMICA Y MOLECULAR (Cod.: FQM207)

Departamento: Universidad de Granada. Matemática Aplicada

Citas en Google Scholar: <https://scholar.google.es/citations?user=U1SayHYAAAAAJ&hl=es>

Código ORCID: <http://orcid.org/0000-0003-2078-7085>

RG: https://www.researchgate.net/profile/Pablo_Sanchez-Moreno

Mendeley: <https://www.mendeley.com/profiles/pablo-snchez-moreno/>

Correo electrónico: pablos@ugr.es

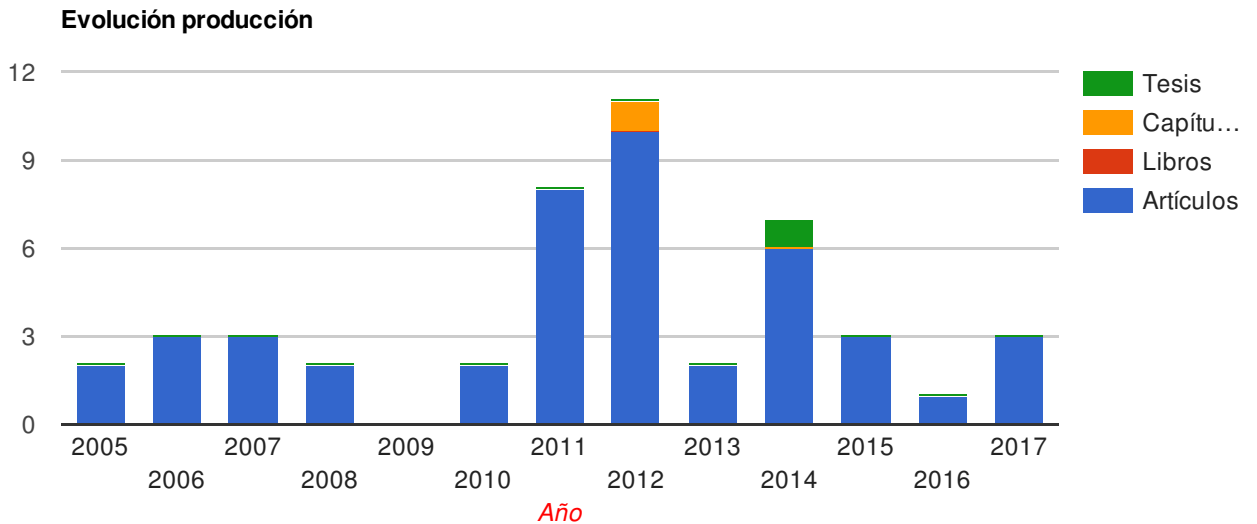
Código: 41057



Ficha del Directorio

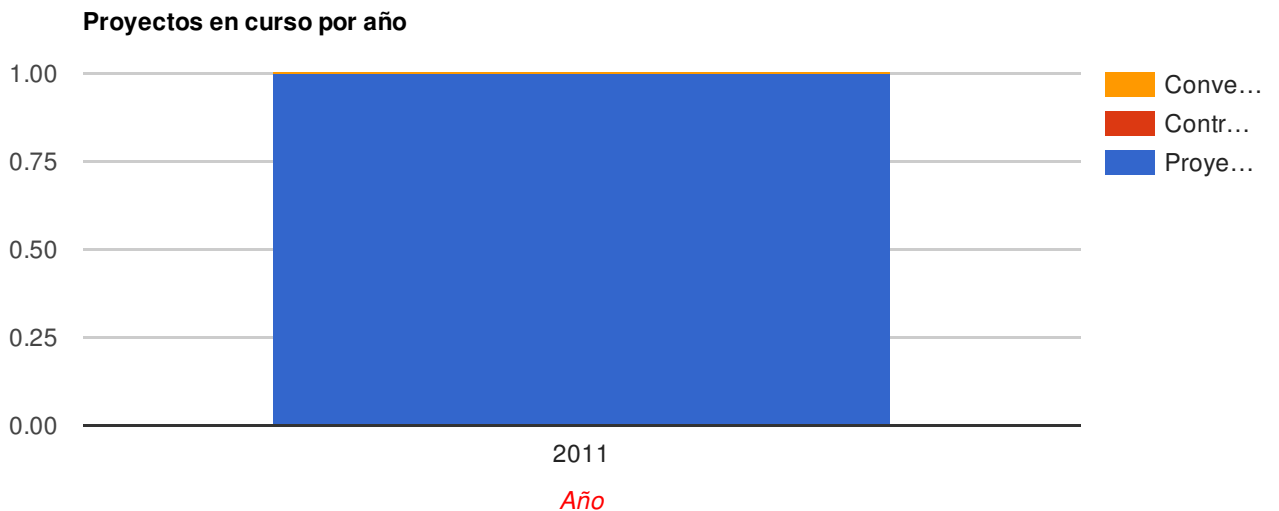
Producción 47

Artículos (45) Libros (0) Capítulos de Libros (1) Tesis dirigidas (1)



Proyectos dirigidos 1

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



Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
Niche shifts after long-distance dispersal events in bipolar sedges (carex, cyperaceae)	American journal of botany	Articulo	2017
On the (non-)uniqueness of the levi-civita solution in the einstein-hilbert-palatini formalism	Physics letters. section b: nuclear, elementary particle and high-energy physics	Articulo	2017
One-parameter fisher-rényi complexity: notion and hydrogenic applications	Entropy	Articulo	2017
Monotone measures of statistical complexity	Physics letters a	Articulo	2016
Complexity analysis of hypergeometric orthogonal polynomials	Journal of computational and applied mathematics	Articulo	2015
Entropy and complexity analysis of the d-dimensional rigid rotator and hyperspherical harmonics	Journal of mathematical chemistry	Articulo	2015
Quantum entanglement in (d-1)-spherium	Journal of physics a: mathematical and theoretical	Articulo	2015
A generalized complexity measure based on rényi entropy	European physical journal d	Articulo	2014
Asymptotics of lq-norms of hypergeometric orthogonal polynomials	Journal of mathematical chemistry	Articulo	2014
Frequency moments, lq norms and rényi entropies of general hypergeometric polynomials	Journal of mathematical chemistry	Articulo	2014
Frequency moments, lq norms and rényi entropies of general hypergeometric polynomials	Journal of mathematical chemistry	Articulo	2014
Medidas entrópicas y de complejidad de funciones especiales y sistemas cuánticos		Tesis doctoral	2014
Pauli effects in uncertainty relations	Chemical physics letters	Articulo	2014
Pseudo-boltzmann model for modeling the junctionless transistors	Solid-state electronics	Articulo	2014
Entropy and complexity analysis of hydrogenic rydberg atoms	Journal of mathematical chemistry	Articulo	2013
Renyi entropies, lq norms and linearization of powers of hypergeometric orthogonal polynomials by means of multivariate special functions	Applied mathematics and computation	Articulo	2013
Analytic potential and charge model for iii-v surrounding gate metal-oxide-semiconductor field-effect transistors	Journal of applied physics	Articulo	2012
Asymptotics of lp-norms of hermite polynomials and renyi entropy of rydberg oscillator states	Contemporary mathematics	Articulo	2012
Complexity of multidimensional hydrogenic systems	International journal of applied mathematics & statistics	Articulo	2012
Generalized cramer-rao relations for non-relativistic quantum systems	Applied mathematics letters	Articulo	2012
Information-theoretic-based spreading measures of orthogonal polynomials	Complex analysis and operator theory	Articulo	2012
Jensen divergence based on fisher's information	Journal of physics a: mathematical and theoretical	Articulo	2012
Quantum entanglement in exactly soluble atomic models: the moshinsky model with three electrons, and with two electrons in a uniform magnetic field	European physical journal d. atomic, molecular, optical and plasma physics	Articulo	2012
Relative fisher information of discrete classical orthogonal polynomials	Journal of difference equations and applications	Articulo	2012
Renyi entropy of the infinite well potential in momentum space and dirichlet-like trigonometric functionals	Journal of mathematical chemistry	Articulo	2012
The fisher information: properties and applications to some	Concepts and recent advances in	Capítulo	2010

physico-chemical processes	generalised information measures and statistics	de libro	2012
The shannon-entropy-based uncertainty relation for d-dimensional central potentials	Journal of physics a: mathematical and theoretical	Articulo	2012
A quantum uncertainty relation based on fisher's information	Journal of physics a: mathematical and theoretical	Articulo	2011
Direct spreading measures of laguerre polynomials	Journal of computational and applied mathematics	Articulo	2011
Entropic functionals of laguerre polynomials and complexity properties of the half-line coulomb potential	International journal of quantum chemistry	Articulo	2011
Fisher information: uncertainty relation and steric effect	Journal of russian laser research	Articulo	2011
Position and momentum information-theoretic measures of a d-dimensional particle-in-a-box	Journal of mathematical chemistry	Articulo	2011
Position-momentum uncertainty relations based on moments of arbitrary order	Physical review a - atomic, molecular, and optical physics	Articulo	2011
Upper bounds on shannon and rényi entropies for central potentials	Journal of mathematical physics	Articulo	2011
Upper bounds on quantum uncertainty products and complexity measures	Physical review a	Articulo	2011
Information-theoretic lengths of jacobi polynomials	Journal of physics a: mathematical and theoretical	Articulo	2010
Spreading lengths of hermite polynomials	Journal of computational and applied mathematics	Articulo	2010
Comparative study of the rovibrational properties of heteronuclear alkali dimers in electric fields	Europhysics letters	Articulo	2008
Fisher information of special functions and second-order differential equations	Journal of mathematical physics	Articulo	2008
Fisher-information-based uncertainty relation, cramer-rao inequality and kinetic energy for the d -dimensional central problem	Journal of physics a: mathematical and general	Articulo	2007
Kinetic energy bounds for particles confined in spherically-symmetric traps with non-standard dimensions	New journal of physics	Articulo	2007
Molecular rotational dynamics in nonadiabatically switching homogeneous electric fields	Physical review a - atomic, molecular, and optical physics	Articulo	2007
Cramer-rao information plane of orthogonal hypergeometric polynomials	Journal of computational and applied mathematics	Articulo	2006
Improvement of the heisenberg and fisher-information-based uncertainty relations for d-dimensional central potentials	New journal of physics	Articulo	2006
Uncertainty relation for fisher information of d-dimensional single-particle systems with central potentials	Journal of mathematical physics	Articulo	2006
Asymptotics of the information entropy of the airy function	Journal of physics a: mathematical and general	Articulo	2005
The fisher information of single-particle systems with a central potential	Chemical physics letters	Articulo	2005

	Titulo proyecto	Tipo	Inicio	Fin
1	Quantum reaction dynamics based on information theory	Proyecto	7/1/11	12/31/11

Actividades 0

Titulo actividad	Fuente	Tipo	Fecha
------------------	--------	------	-------

Colaboradores

- JESÚS SÁNCHEZ-DEHESA MORENO-CID (40)
- RAFAEL JOSÉ YÁÑEZ GARCÍA (7)
- ANGEL RICARDO PLASTINO (6)
- Irene Valero Toranzo (6)
- MARIA ROSARIO GONZÁLEZ FÉREZ (5)
- ALEJANDRO ZARZO ALTAREJOS (3)
- RODOLFO OCTAVIO ESQUIVEL OLEA (3)
- Daniel Manzano Diosdado (2)
- ELVIRA ROMERA GUTIÉRREZ (2)
- ISABEL MARIA TIENDA LUNA (2)
- ANA PAULA MAJTEY (1)
- ANDRES GODOY MEDINA (1)
- BERT JANSSEN (1)
- Enrique González Marín (1)
- FRANCISCO J GAMIZ PEREZ (1)
- FRANCISCO JAVIER GARCÍA RUIZ (1)
- JUAN B. ROLDAN ARANDA (1)
- JUAN CARLOS ANGULO IBÁÑEZ (1)
- JUAN JOSE OMISTE ROMERO (1)
- José Alberto Orejuela García (1)
- MIGUEL SANCHEZ CAJA (1)
- Peter Alexander Bouvrie Morales (1)