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Grupo de Investigación: ECUACIONES DE EVOLUCIÓN EN DERIVADAS PARCIALES (Cod.: FQM316)

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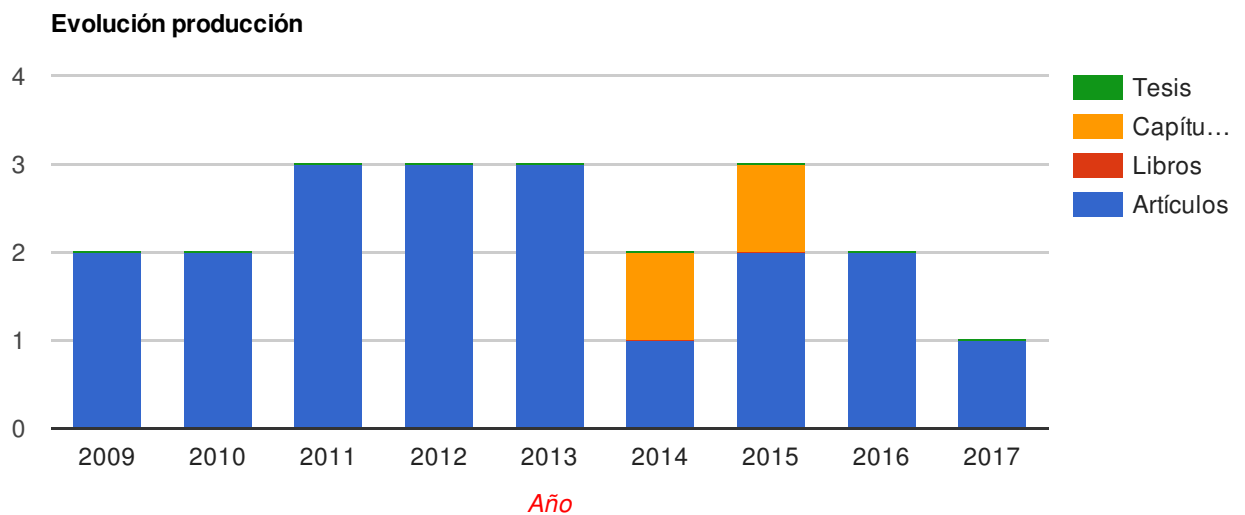
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Ficha del Directorio

Producción 21

Artículos (19) Libros (0) Capítulos de Libros (2) Tesis dirigidas (0)



Proyectos dirigidos 0

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

Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
Qualitative behavior for flux-saturated mechanisms: traveling waves, waiting time and smoothing effects	Journal of the european mathematical society	Articulo	2017
Pattern formation in a flux limited reaction-diffusion equation of porous media type	Inventiones mathematicae	Articulo	2016
Some aspects on kinetic modeling of evacuation dynamics: comment on "human behaviours in evacuation crowd dynamics: from modelling to "big data" toward crisis management" by nicola bellomo et al.	Physics of life reviews	Articulo	2016
Analysis of a class of diffusion equations with a saturation mechanism	Siam journal on mathematical analysis	Articulo	2015
Flux saturated porous media equations and applications	Ems surveys in mathematical sciences	Articulo	2015
Modeling hedgehog signaling through flux-saturated mechanisms	Hedgehog signaling protocols	Capítulo de libro	2015
A non-linear flux-limited model for the transport of morphogens	Managing complexity, reducing perplexity. modeling biological systems	Capítulo de libro	2014
On a dispersive model for the unzipping of double-stranded dna molecules	Mathematical models and methods in applied sciences	Articulo	2014
Hyperbolic vs parabolic asymptotics in kinetic theory towards fluid dynamic models	Siam journal on applied mathematics	Articulo	2013
Local-in-time regularity results for some flux-limited diffusion equations of porous media type	Nonlinear analysis, theory, methods and applications	Articulo	2013
On the hyperbolicity and causality of the relativistic euler system under the kinetic equation of state	Communications on pure and applied analysis	Articulo	2013
Dark matter, magnetic fields, and the rotation curve of the milky way	The astrophysical journal	Articulo	2012
On a nonlinear flux--limited equation arising in the transport of morphogens	Journal of differential equations	Articulo	2012
On the relativistic bgk-boltzmann model: asymptotics and hydrodynamics	Journal of statistical physics	Articulo	2012
Large time asymptotics for a modified coagulation model	Journal of differential equations	Articulo	2011
On dispersion rates for solutions to the vlasov-poisson system	Transport theory and statistical physics	Articulo	2011
Qualitative properties of the solutions of a nonlinear flux-limited equation arising in the transport of morphogens	Mathematical models and methods in applied sciences	Articulo	2011
Dispersive behavior in galactic dynamics,	Discrete and continuous dynamical systems. series b	Articulo	2010
Virial inequalities for steady states in relativistic galactic dynamics.	Nonlinearity	Articulo	2010
An empirical illustration and formalization of the theory of direct learning: the muscle-based perception of kinetic properties	Ecological psychology	Articulo	2009
On an unified theory of cold dark matter halos based on collisionless boltzmann-poisson polytropes	Physica a. statistical mechanics and its applications	Articulo	2009

	Titulo proyecto	Tipo	Inicio	Fin
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Actividades 0

Titulo actividad	Fuente	Tipo	Fecha
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Colaboradores

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