

# MARIA DEL CARMEN PEGALAJAR JIMENEZ



Ficha del Directorio

Grupo de Investigación: RAZONAMIENTO APROXIMADO E INTELIGENCIA ARTIFICIAL (Cod.: TIC111)

Departamento: Universidad de Granada. Ciencias de la Computación e Inteligencia Artificial

Citas en Google Scholar: [https://scholar.google.es/citations?user=u7ymF\\_QAAAAJ&hl=es](https://scholar.google.es/citations?user=u7ymF_QAAAAJ&hl=es)

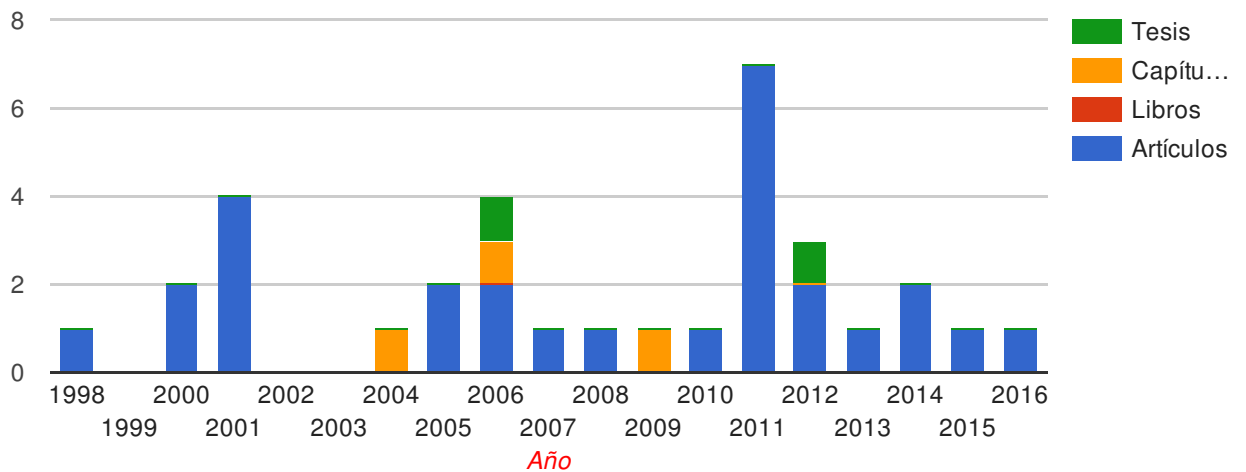
RG: [https://www.researchgate.net/profile/Maria\\_del\\_Carmen\\_Pegalajar\\_Jimenez](https://www.researchgate.net/profile/Maria_del_Carmen_Pegalajar_Jimenez)

Código: 22959

## Producción 33

Artículos (28) Libros (0) Capítulos de Libros (3) Tesis dirigidas (2)

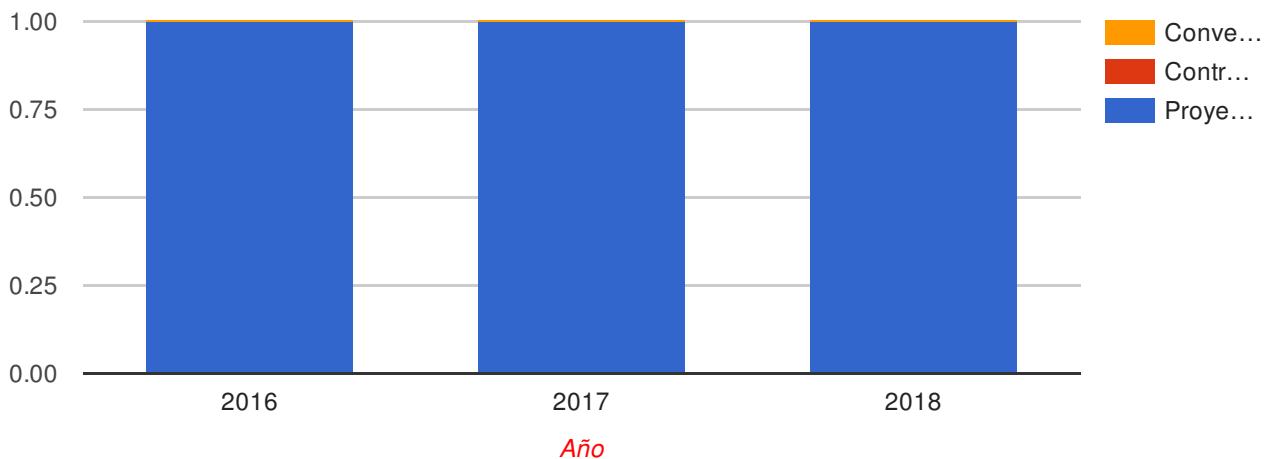
Evolución producción



## Proyectos dirigidos 1

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

Proyectos en curso por año



## Actividades 0

<b>Título publicación</b>	<b>Fuente</b>	<b>Tipo</b>	<b>Fecha</b>
An application of non-linear autoregressive neural networks to predict energy consumption in public buildings	Energies	Articulo	2016
Thermochromic sensor design based on fe(ii) spin crossover/polymers hybrid materials and artificial neural networks as a tool in modelling	Sensors and actuators b: chemical	Articulo	2015
Particle tuning and modulation of the magnetic/colour synergy in fe (ii) spin crossover-polymer nanocomposites in a thermochromic sensor array	Journal of materials chemistry c	Articulo	2014
Printed disposable colorimetric array for metal ion discrimination	Analytical chemistry	Articulo	2014
Feasibility of the use of disposable optical tongue based on neural networks for heavy metal identification and determination	Analytica chimica acta	Articulo	2013
A compact optical instrument with artificial neural network for ph determination	Sensors	Articulo	2012
An expert system for full ph range prediction using a disposable optical sensor array	Ieee sensors journal	Articulo	2012
Medida de ph en rango completo mediante matrices sensoras ópticas y técnicas de inteligencia artificial	Facultad de ciencias	Tesis doctoral	2012
A common framework for information sharing in e-learning management systems	Expert systems with applications	Articulo	2011
A surface fit approach with a disposable optical tongue for alkaline ion analysis	Analytica chimica acta	Articulo	2011
Design and implementation of intelligent systems with lego mindstorms for undergraduate computer engineers	Computer applications in engineering education	Articulo	2011
Disposable optical tongue for alkaline ion analysis	Sensors and actuators b: chemical	Articulo	2011
Full-range optical ph sensor array based on neural networks	Microchemical journal	Articulo	2011
Improving learning management through semantic web and social networks in e-learning environments	Expert systems with applications	Articulo	2011
Minimization of sensing elements for full-range optical ph device formulation	New journal of chemistry	Articulo	2011
Full-range optical ph sensor based on imaging techniques	Analytica chimica acta	Articulo	2010
Multi-objective training of neural networks	Encyclopedia of artificial intelligence	Capítulo de libro	2009
Multiobjective hybrid optimization and training of recurrent neural networks	Ieee transactions on systems, man, and cybernetics part b: cybernetics	Articulo	2008
Topology optimization and training of recurrent neural networks with pareto-based multi-objective algorithms: an experimental study	Lecture notes in computer science	Articulo	2007
An application of non-linear programming to train recurrent neural networks in time series prediction problems	Enterprise information vii	Capítulo de libro	2006
Evolutionary training for dynamical recurrent neural networks: an application in financial time series prediction	Mathware & soft computing	Articulo	2006
Memetic evolutionary training for recurrent neural networks: an application to time-series prediction	Expert systems	Articulo	2006
Sistemas evolutivos para entrenamiento y optimización de modelos neuronales recurrentes dinámicos. aplicación en modelado y predicción de series de datos.	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2006
A multiobjective genetic algorithm for obtaining the optimal size of a recurrent neural network for grammatical inference	Pattern recognition	Articulo	2005

Multiobjetive evolutionary optimization for elman recurrent neural networks, applied to time series prediction	Fuzzy economic review	Articulo	2005
Tecnicas de soft-computing para problemas de optimizacion en ambiente difuso y en ingenieria	Optimización inteligente : técnicas de inteligencia computacional para optimización	Capítulo de libro	2004
A real-coded genetic algorithm for training recurrent neural networks	Neural networks : the official journal of the international neural network society	Articulo	2001
Fuzzy automaton induction using neural network	International journal of approximate reasoning	Articulo	2001
Identification of fuzzy dynamic systems using max-min recurrent neural networks	Fuzzy sets and systems	Articulo	2001
Speech recognition using fuzzy second-order recurrent neural networks	Lecture notes in computer science	Articulo	2001
A genetic algorithm to obtain the optimal recurrent neural network	International journal of approximate reasoning	Articulo	2000
Extracting rules from a (fuzzy/crisp) recurrent neural network using a self-organizing map	International journal of intelligent systems	Articulo	2000
Fuzzy grammatical inference using neural network	Mathware & soft computing	Articulo	1998

	<b>Título proyecto</b>	<b>Tipo</b>	<b>Inicio</b>	<b>Fin</b>
1	Analisis inteligente de datos para gestion de la eficiencia energetica en instalaciones distribuidas	Proyecto	1/1/16	12/31/18

## Actividades 0

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

- MANUEL PEGALAJAR CUÉLLAR (22)
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- IGNACIO DE ORBE PAYÁ (8)
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- ALEJANDRO LAPRESTA FERNANDEZ (2)
- ENRIQUE COLACIO RODRÍGUEZ (2)
- IGNACIO REQUENA RAMOS (2)
- JUAN MANUEL HERRERA MARTINEZ (2)
- MIGUEL MARÍA ERENAS RODRÍGUEZ (2)
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