Ficha de investigador

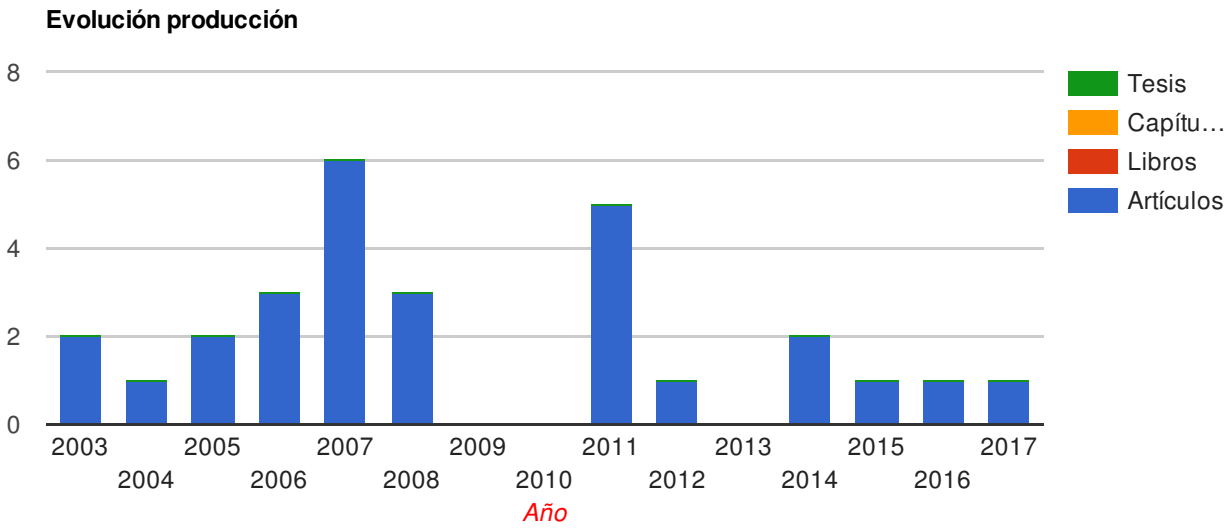
RICHARD R CARRILLO SANCHEZ

Grupo de Investigación: CIRCUITOS Y SISTEMAS PROCESAMIENTO DE LA INFORMACION (Cod.: TIC117)
Departamento: Universidad de Granada. Arquitectura y Tecnología de Computadores
Correo electronico: rcarrillo@ugr.es
Código: 43504

Ficha del Directorio

Producción 28

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



Proyectos dirigidos 0

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

Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
Event- and time-driven techniques using parallel cpu-gpu co-processing for spiking neural networks	Frontiers in neuroinformatics	Articulo	2017
Distributed cerebellar motor learning: a spike-timing-dependent plasticity model	Frontiers in computational neuroscience	Articulo	2016
A spiking neural simulator integrating event-driven and time-driven computation schemes using parallel cpu-gpu co-processing: a case study.	Ieee transactions on neural networks and learning systems	Articulo	2015
Fast convergence of learning requires plasticity between inferior olive and deep cerebellar nuclei in a manipulation task: a closed-loop robotic simulation		Articulo	2014
Integrated neural and robotic simulations. simulation of cerebellar neurobiological substrate for an object-oriented dynamic model abstraction process.	Robotics and autonomous systems	Articulo	2014
Dynamics model abstraction scheme using radial basis functions	Journal of control science and engineering	Articulo	2012
Adaptive cerebellar spiking model embedded in the control loop: context switching	International journal of neural systems	Articulo	2011
Cerebellar input configuration toward object model abstraction in manipulation tasks	Ieee transactions on neural networks	Articulo	2011
Cerebellarlike corrective model inference engine for manipulation tasks	Ieee transactions on systems, man, and cybernetics part b: cybernetics	Articulo	2011
Context separability mediated by the granular layer in a spiking cerebellum model for robot control	Lecture notes in computer science	Articulo	2011
Event and time driven hybrid simulation of spiking neural networks	Lecture notes in computer science	Articulo	2011
A real-time spiking cerebellum model for learning robot control	Biosystems	Articulo	2008
Event-driven simulation of cerebellar granule cells	Biosystems	Articulo	2008
Local image phase, energy and orientation extraction using fpgas	International journal of electronics	Articulo	2008
A space variant mapping architecture for reliable car segmentation	Lecture notes in computer science	Articulo	2007
Dealing with the perspective distortion to detect overtaking cars for driving assistance	Lecture notes in computer science	Articulo	2007
Event-driven simulation of neural population synchronization facilitated by electrical coupling	Biosystems	Articulo	2007
Hardware event-driven simulation engine for spiking neural networks	International journal of electronics	Articulo	2007
Image processing architecture for local features computation	Lecture notes in computer science	Articulo	2007
Real-time system for high-image resolution disparity estimation	Ieee transactions on image processing	Articulo	2007
Event-driven simulation scheme for spiking neural networks using lookup tables to characterize neuronal dynamics	Neural computation	Articulo	2006
Low-level real-time vision in specific computing architectures: advantages and drawbacks	Wseas transactions on circuits and systems	Articulo	2006
Real-time computing platform for spiking neurons (rt-spike)	Ieee transactions on neural networks	Articulo	2006
Lookup table powered neural event-driven simulator	Lecture notes in computer science	Articulo	2005
Spiking neurons computing platform	Lecture notes in computer science	Articulo	2005

	science		
Real time optical flow processing system	Lecture notes in computer science	Articulo	2004
Fpga implementation of a perceptron-like neural network for embedded applications	Lecture notes in computer science	Articulo	2003
Post-synaptic time-dependent conductances in spiking neurons: fpga implementation of a flesible cell model	Lecture notes in computer science	Articulo	2003

	Titulo proyecto	Tipo	Inicio	Fin

Actividades 0

Titulo actividad	Fuente	Tipo	Fecha

Colaboradores

- EDUARDO ROS VIDAL (26)
- NICETO RAFAEL LUQUE SOLA (10)
- RODRIGO C. AGIS MELERO (10)
- EVA MARTÍNEZ ORTIGOSA (8)
- ANTONIO JAVIER DÍAZ ALONSO (7)
- Mª SONIA MOTA FERNÁNDEZ (5)
- Francisco Naveros Arrabal (4)
- ALBERTO PRIETO ESPINOSA (2)
- ANTONIO CAÑAS VARGAS (2)
- MANCIA ANGUITA LOPEZ (1)
- MARÍA JOSÉ SAEZ LARA (1)