

Ficha de grupo de investigación

VISION POR COMPUTADOR

Código: TIC187

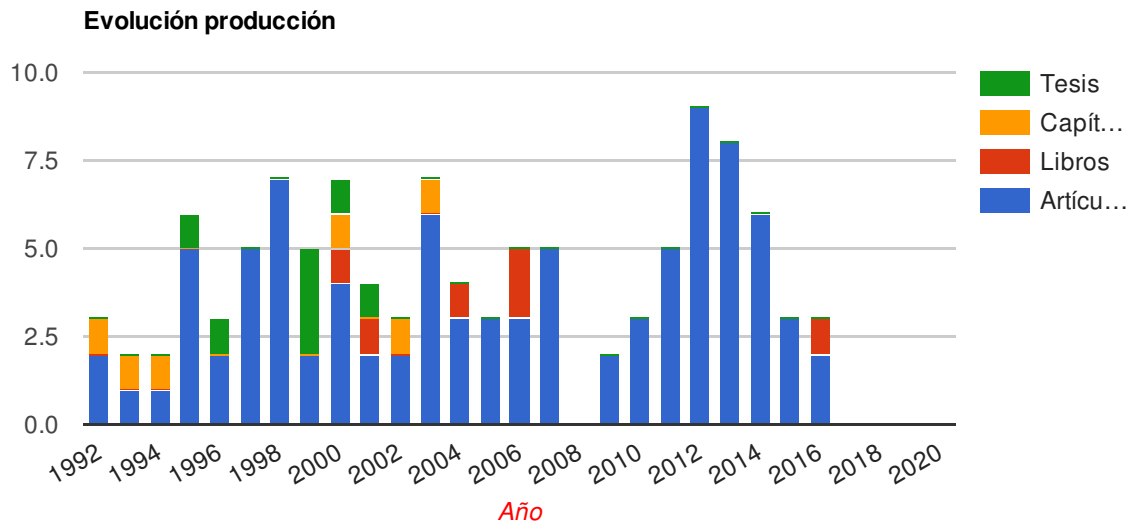
Responsable del grupo: ROSA MARÍA RODRÍGUEZ SÁNCHEZ

Miembros

- JOAQUIN FERNANDEZ VALDIVIA Otros
- ROSA MARÍA RODRÍGUEZ SÁNCHEZ Otros
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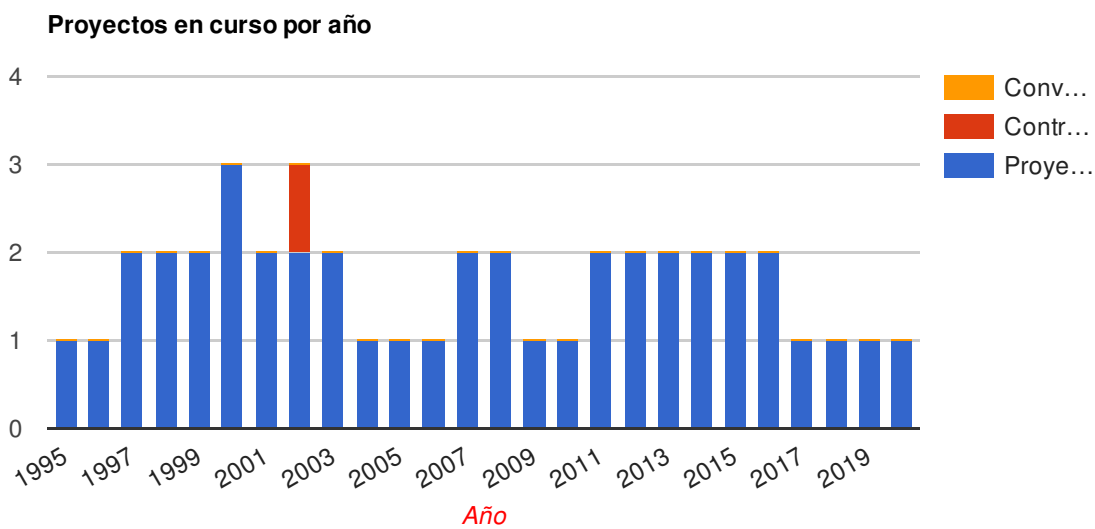
Producción 285

- Artículos (248)
- Libros (12)
- Capítulos de Libros (14)
- Tesis dirigidas (11)



Proyectos dirigidos 9

- Proyectos (8)
- Contratos (1)
- Convenios (0)



Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
Authors and reviewers who suffer from confirmatory bias	Scientometrics	Articulo	2016
Introducción a la programación con c++. ejercicios	Universidad de granada	Libros	2016
Why the referees¿ reports i receive as an editor are so much better than the reports i receive as an author?	Scientometrics	Articulo	2016
Bias and effort in peer review	Journal of the association for information science and technology	Articulo	2015
Evolutionary games between authors and their editors	Applied mathematics and computation	Articulo	2015
The author¿editor game	Scientometrics	Articulo	2015
Adverse selection of reviewers	Journal of the association for information science and technology	Articulo	2014
Best-in-class and strategic benchmarking of scientific subject categories of web of science in 2010	Scientometrics	Articulo	2014
Evolutionary games between subject categories	Scientometrics	Articulo	2014
Social impact of scholarly articles in a citation network	Journal of the association for information science and technology	Articulo	2014
The principal-agent problem in peer review	Journal of the association for information science and technology	Articulo	2014
The selection of high quality manuscripts	Scientometrics	Articulo	2014
A web application for aggregating conflicting reviewers¿ preferences	Scientometrics	Articulo	2013
Análisis de redes de las universidades españolas de acuerdo a su perfil de publicación en revistas por áreas científicas.	Revista española de documentación científica	Articulo	2013
Benchmarking research performance at the university level with information theoretic measures	Scientometrics	Articulo	2013
Benchmarking research performance at the university level with information theoretic measures.	Scientometrics	Articulo	2013
Best-in-class and strategic benchmarking of scientific subject categories of web of science in 2010	Scientometrics	Articulo	2013
How the same organizational structures can arise across seemingly unrelated domains of human activities: the example of academic publishing and stock market	Scientometrics	Articulo	2013
Image inpainting with nonsubsamped contourlet transform	Pattern recognition letters	Articulo	2013
Mapping citation patterns of book chapters in the book citation index	Journal of informetrics	Articulo	2013
A comparison of top economics departments in the us and eu on the basis of the multidimensional prestige of influential articles in 2010	Scientometrics	Articulo	2012
Analysis of coding risks in progressive transmission	Signal processing: image communication	Articulo	2012
Mapping academic institutions according to their journal publication profile: spanish universities as case of study	Journal of the association for information science and technology	Articulo	2012
On first quartile journals which are not of highest impact	Scientometrics	Articulo	2012
Ranking of research output of universities on the basis of the multidimensional prestige of influential fields: spanish universities case of study	Scientometrics	Articulo	2012
Ranking of research output of universities on the basis of the multidimensional prestige of influential fields: spanish universities case of study	Scientometrics	Articulo	2012

Ranking of research output of universities on the basis of the multidimensional prestige of influential fields: spanish universities as a case of study.	Scientometrics	Articulo	2012
Scientific subject categories of web of knowledge ranked according to their multidimensional prestige of influential journals	Journal of the association for information science and technology	Articulo	2012
Scientific subject categories with the highest multidimensional prestige of influential journals	Journal of the american society for information science and technology	Articulo	2012
Sustainable image transmission	Journal of visual communication and image representation	Articulo	2012
Axiomatic approach to image fusion evaluation	Information sciences	Articulo	2011
Comparative visibility analysis of advertisement images	Signal processing: image communication	Articulo	2011
From computational attention to image fusion	Pattern recognition letters	Articulo	2011
Overall prestige of journals with ranking score above a given threshold	Scientometrics	Articulo	2011
Ranking of the subject areas of scopus	Journal of the american society for information science and technology	Articulo	2011
Axiomatic approach to computational attention	Pattern recognition	Articulo	2010
Information visibility using transmission methods	Pattern recognition letters	Articulo	2010
Relevance of knowledge from bit-saving in progressive transmission	Journal of visual communication and image representation	Articulo	2010
A critical examination of the assumptions used in dynamic allocation	Journal of visual communication and image representation	Articulo	2009
A.i.p.o.: aula interactiva para prácticas con ordenador"	lee revista iberoamericana de tecnologías del aprendizaje	Articulo	2009
A new approach to motion pattern recognition and its application to optical flow estimation	lee transactions on systems, man, and cybernetics. part c: applications and reviews	Articulo	2007
Automatic and optimal hierarchical quantizer decomposition to build knowledge for video transmission	Optical engineering	Articulo	2007
Bit saving path for dynamically efficient transmission	Optical engineering	Articulo	2007
Dynamics of low-cost transmission on the optimal path	Optical engineering	Articulo	2007
Optimal exploratory effort to build knowledge for video transmission	Optical engineering	Articulo	2007
Abstracción y estructuras de datos en c++	Delta publicaciones	Libros	2006
Emergence of region-based transmission when computation is unconstrained	Journal of visual communication and image representation	Articulo	2006
Programación estructurada con fortran 90/95	Universidad de granada	Libros	2006
Theory of bit allocation analysis	Optical engineering	Articulo	2006
Very low bit rate video coding of moving targets	Optical engineering	Articulo	2006
Dealing with multiple motions in optical flow estimation	Lecture notes in computer science	Articulo	2005
Power of a wavelet coefficient in progressive image transmission	Optical engineering	Articulo	2005
The emergence of a region-based approach to image transmission	Optical engineering	Articulo	2005
Embedded coder for providing better image quality at very low bit rates	Optical engineering	Articulo	2004
Justice in quantizer formation for rational progressive	Optical engineering	Articulo	2004

transmission	Optical engineering	Libros	2004
Progressive image transmission: the role of rationality, cooperation, and justice	Spie- the international society for optical engineering	Libros	2004
The relationship between information prioritization and visual distinctness in two progressive image transmission schemes	Pattern recognition	Articulo	2004
A spatio-temporal filtering approach to motion segmentation	Lecture notes in computer science	Articulo	2003
Best achievable compression ratio for lossy image coding	Lectures notes on computer science, vol. 2652	Capítulo de libro	2003
Coral: collective rationality for the allocation of bits	Optical engineering	Articulo	2003
Defining a target distinctness measure through a single-channel computational model of vision	Pattern recognition letters	Articulo	2003
On the concept of best achievable compression ratio for lossy image coding	Pattern recognition	Articulo	2003
Rate control optimization in embedded wavelet coding	Pattern recognition letters	Articulo	2003
Self-control of quantizer risk attitude in rational embedded wavelet image coding	Optical engineering	Articulo	2003
Coder selection for lossy compression of still images	Pattern recognition	Articulo	2002
Comparing computational models for predicting visual target distinctness	Recent research developments in pattern recognition	Capítulo de libro	2002
Rational systems exhibit moderate risk aversion with respect to "gambles" on variable-resolution compression	Optical engineering	Articulo	2002
Computational models for predicting visual target distinctness	Spie- the international society for optical engineering	Libros	2001
Desarrollo de modelos computacionales de representacion de secuencias de imagenes y su aplicacion a la estimacion del movimiento	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2001
Information theoretic measure for visual target distinctness	IEEE transactions on pattern analysis and machine intelligence	Articulo	2001
Minimum error gain for predicting visual target distinctness	Optical engineering	Articulo	2001
Computing visual target distinctness through integral opponent-color features.	Pattern recognition and applications, serie: frontiers in artificial intelligence and applications	Capítulo de libro	2000
Computing visual target distinctness through selective filtering, statistical features, and visual patterns	Optical engineering	Articulo	2000
Defining the notion of visual pattern for predicting visual target distinctness in a complex rural background	Optical engineering	Articulo	2000
Integral opponent-colors features for computing visual target distinctness	Pattern recognition	Articulo	2000
Modelos computacionales de representacion de imagenes y su aplicacion a la detectabilidad de objetos y a la valoracion de la calidad de imagenes comprimidas	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2000
Origins of illusory percepts in digital images	Pattern recognition	Articulo	2000
Representación de imágenes digitales basada en patrones visuales : modelos computacionales y aplicaciones	Rama	Libros	2000
Desarrollo de un modelo computacional de representacion de imagenes y su aplicacion a la seleccion de escalas naturales y al calculo de medidas de distorsion	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	1999
Feature extraction for an image retrieving scheme.	Journal of computer science and technology	Articulo	1999
Recuperacion de imagenes en bases de datos a partir del color v la forma	Universidad de jaén. informática	Tesis doctoral	1999

Publicación	Revista	Tipo de publicación	Año
Representacion de imagenes digitales basada en patrones visuales: modelos computacionales y aplicaciones	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	1999
The rgff representational model: a system for the automatically learned partitioning of "visual patterns" in digital images	IEEE transactions on pattern analysis and machine intelligence	Artículo	1999
A new image distortion measure based on a data-driven multisensor organization	Pattern recognition	Artículo	1998
A normalized redundancy representation for 2d digital images	Pattern recognition letters	Artículo	1998
A perceptual measure to predict the visual distinction between two color images	Pattern recognition letters	Artículo	1998
Computational visual distinctness metric	Optical engineering	Artículo	1998
The rgf pandemonium: a low-level representational model for images	Pattern recognition	Artículo	1998
The selection of natural scales in 2d images using adaptive gabor filtering	IEEE transactions on pattern analysis and machine intelligence	Artículo	1998
Using models of feature perception in distortion measure guidance	Pattern recognition letters	Artículo	1998
A multi-channel autofocusing scheme for gray-level shape scale detection	Pattern recognition	Artículo	1997
A new edge detector integrating scale-spectrum information	Image and vision computing	Artículo	1997
Scale selection using three different representations for images	Pattern recognition letters	Artículo	1997
The novel scale-spectrum space for representing gray-level shape	Pattern recognition	Artículo	1997
The role of integral features for perceiving image discriminability	Pattern recognition letters	Artículo	1997
An evaluation of the novel "normalized-redundancy" representation for planar curves	International journal of pattern recognition and artificial intelligence	Artículo	1996
Representacion de formas en analisis de imagenes usando el concepto de escala	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	1996
Simplifying cartographic boundaries by using a measure of ambiguity	Computers & geosciences	Artículo	1996
A dynamic approach for clustering data	Signal processing	Artículo	1995
A method for invariant pattern-recognition using the scale-vector representation of planar curves	Signal processing	Artículo	1995
A new methodology to solve the problem of characterizing 2-d biomedical shapes	Computer methods and programs in biomedicine	Artículo	1995
A scale-vector approach for edge-detection	Pattern recognition letters	Artículo	1995
An autoregressive curvature model for describing cartographic boundaries	Computers & geosciences	Artículo	1995
Clasificación de las enfermedades mamarias malignas versus benignas mediante análisis de imagen aplicado a especímenes citológicos obtenidos por punción-aspiración	Universidad de granada. biología animal	Tesis doctoral	1995
A new approach to the problem of representing planar curves	Advances in pattern recognition and applications	Capítulo de libro	1994
Boundary simplification in cartography preserving the different shape features	Computers & geosciences	Artículo	1994
Characterizing planar outlines	Pattern recognition letters	Artículo	1993
Detection of significant points in 2-d outlines using statistical	Lecture notes in computer	Capítulo	1993

criteria	science vol. 682	de libro	1993
Detecting nematode features from digital images.	Journal of nematology	Articulo	1992
Line detection and texture analysis for automatic nematode identification.	Journal of nematology	Articulo	1992
Synthesis and classification of 2-d shapes from their landmark points	Pattern recognition and artificial intelligence series	Capítulo de libro	1992

	Título proyecto	Tipo	Inicio	Fin
1	Desarrollo de un asistente computacional para la selección óptima de proyectos de investigación en concursos altamente competitivos y con recursos	Proyecto	3/1/14	12/31/16
2	Análisis de la eficiencia visual comparativa de métodos de fusión usando un nuevo modelo de atención computacional	Proyecto	3/1/11	12/31/13
3	Aplicación a un sistema real de la dinámica intertemporal de transmisión de bajo costo sobre el camino óptimo	Proyecto	3/1/07	9/30/08
4	Compresión con pérdida de imágenes digitales en base a la eliminación de redundancia a través de escalas y orientaciones	Proyecto	3/28/00	12/27/03
5	Definición y búsqueda de patrones visuales en imágenes digitales. aplicaciones a la distinción de objetos en escenas naturales y a la extracción de rasgos en imágenes biomédicas.	Proyecto	3/30/99	12/30/02
6	Desarrollo de un método filtrado de imágenes de códigos pdf417	Contrato	3/1/02	10/31/02
7	Construcción y uso de rasgos integrales para una escena visual	Proyecto	3/1/97	7/31/00
8	Desarrollo de una metodología para la integración de información visual a distintas resoluciones. aplicaciones a la extracción, reconocimiento y análisis de formas en imágenes de biomedicina.	Proyecto	3/1/95	7/1/98
9	Desarrollo, implementación y evaluación de un esquema de codificación basado en principios de competitividad racional y acción cooperativa en la asignación de bits entre regiones de la imagen	Proyecto	12/31/03	

Actividades 0

Título actividad	Entidad	Tipo	Fecha
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Colaboradores 18

- JOAQUIN FERNANDEZ VALDIVIA (172)
- JOSÉ ANTONIO GARCÍA SORIA (172)
- ROSA MARÍA RODRÍGUEZ SÁNCHEZ (145)
- JAVIER MARTINEZ BAENA (39)
- DANIEL TORRES SALINAS (22)
- NICOLÁS PÉREZ DE LA BLANCA CAPILLA (15)
- NICOLÁS ROBINSON GARCÍA (15)
- JESÚS CHAMORRO MARTÍNEZ (10)
- MIGUEL GARCÍA SILVENTE (8)
- RAFAEL MOLINA SORIANO (5)
- FRANCISCO HERRERA TRIGUERO (4)
- FRANCISCO JOSÉ CORTIJO BON (2)
- IGNACIO REQUENA RAMOS (2)
- NICOLÁS MARÍN RUIZ (2)
- FERNANDO BERZAL GALIANO (1)
- MANUEL PEGALAJAR CUÉLLAR (1)
- M^a BELEN PRADOS SUAREZ (1)
- PEDRO GONZÁLEZ RODELAS (1)