

# MARÍA AMPARO VILA MIRANDA

Grupo de Investigación: BASES DE DATOS Y SISTEMAS DE INFORMACION INTELIGENTES (Cod.: TIC174)

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

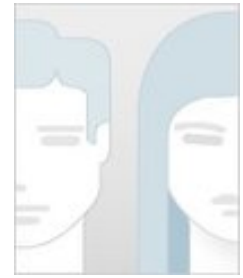
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Código ORCID: <http://orcid.org/0000-0002-2773-3306>

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Mendeley: <https://www.mendeley.com/profiles/maria-amparo-vila/>

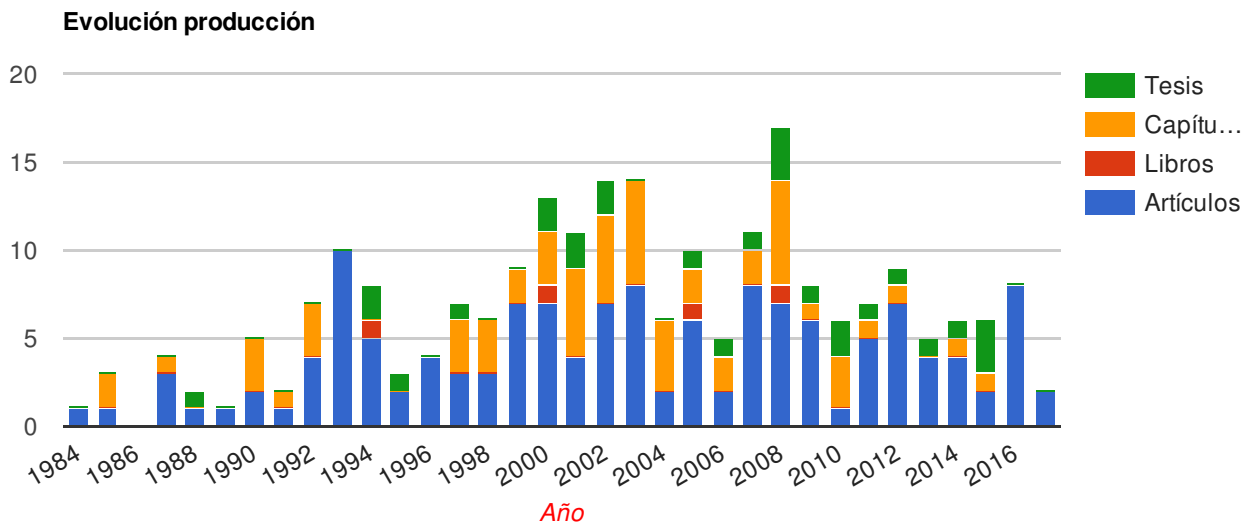
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Ficha del Directorio

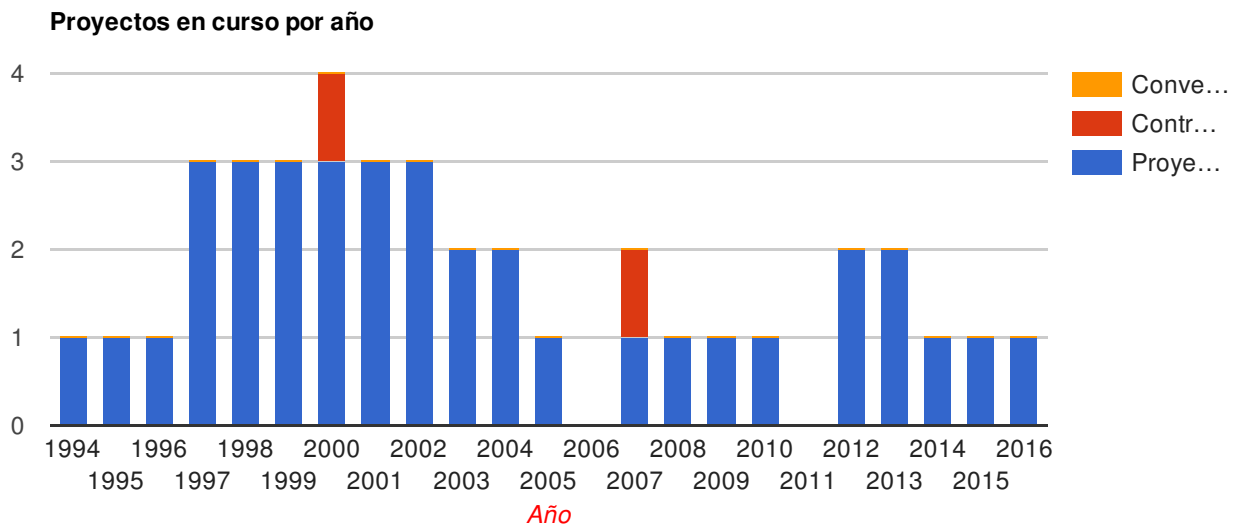
## Producción 230

Artículos (138) Libros (4) Capítulos de Libros (61) Tesis dirigidas (27)



## Proyectos dirigidos 12

Proyectos (10) Contratos (2) Convenios (0)



## Actividades 1

Titulo publicación	Fuente	Tipo	Fecha
Relational representation of uncertain and imprecise time assessments: an application to artworks dating	International journal of intelligent systems	Articulo	2017
Relational representation of uncertain and imprecise time assessments: an application to artworks dating		Articulo	2017
About the effects of sentiments on topic detection in social networks	International journal of design & nature and ecodynamics	Articulo	2016
An intelligent system for the acquisition and management of information from bill of quantities in building projects	Expert systems with applications	Articulo	2016
Automatic constraints generation for semisupervised clustering: experiences with documents classification	Soft computing	Articulo	2016
Bipolar queries on fuzzy univalued and multivalued attributes in object databases.	Fuzzy sets and systems	Articulo	2016
Flexible queries on relational databases using fuzzy logic and ontologies	Information sciences	Articulo	2016
On the use of fuzzy constraints in semisupervised clustering	Ieee transactions on fuzzy systems	Articulo	2016
The role of information technologies to address data handling in construction project management	Journal of computing in civil engineering	Articulo	2016
Transcribing Debussy's Syrinx dynamics through linguistic description: the MUD algorithm	Fuzzy sets and systems	Articulo	2016
An approach for the automatic classification of work descriptions in construction projects	Computer-aided civil and infrastructure engineering	Articulo	2015
On fuzzy modus ponens to assess fuzzy association rules	Enric Trillas: a passion for fuzzy sets	Capítulo de libro	2015
Sistemas de bases de datos difusas sensibles al contexto	Universidad de Granada. Ciencias de la Computación e Inteligencia Artificial	Tesis doctoral	2015
Study of the convergence in automatic generation of instance level constraints	Advances in intelligent systems and computing	Articulo	2015
Tratamiento inteligente de datos en proyectos de edificación	Universidad de Granada. Ciencias de la Computación e Inteligencia Artificial	Tesis doctoral	2015
Uso de técnicas de minería de datos para el control de autoridades automatizado	Universidad de Granada. Escuela Técnica Superior de Ingeniería Informática	Tesis doctoral	2015
A theoretical model for the automatic generation of tag clouds	Knowledge and information systems	Articulo	2014
Anomaly detection using fuzzy association rules	International journal of electronic security and digital forensics	Articulo	2014
Context-aware fuzzy databases	Applied soft computing	Articulo	2014
Fuzzy quantification: a state of the art	Fuzzy sets and systems	Articulo	2014
Semantic data management using fuzzy relational databases	Flexible approaches in data information and knowledge management	Capítulo de libro	2014
Tratamiento semántico de información textual en bases de datos	Etsit	Tesis doctoral	2014
A new multidimensional model with text dimensions: definition and implementation.	International journal of computational intelligence systems	Articulo	2013
An automatic system for identifying authorities in digital libraries	Expert systems with applications	Articulo	2013

Mtcir: a multi-term tag cloud information retrieval system.	Expert systems with applications	Articulo	2013
Multimedia access to mobile environments using indoor semantic maps - applications for light devices and hand-held computers	Multimedia tools and applications	Articulo	2013
Recognizing human behavior using information from smart environments	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2013
A fuzzy temporal rule-based system for handling the nursing process on mobile devices	Expert systems with application	Articulo	2012
An ontology as a tool for representing fuzzy data in relational databases	International journal of computational intelligence systems	Articulo	2012
An approach to solve division-like queries in fuzzy object databases	Fuzzy sets and systems	Articulo	2012
Fuzzy domains in accordance to user's context	New trends on intelligent systems and soft computing, volume iv	Capítulo de libro	2012
Integrating multimedia streaming from heterogeneous sources to javame mobile devices	International journal of communication systems	Articulo	2012
Online recognition of human activities and adaptation to habit changes by means of learning automata and fuzzy temporal windows	Information sciences	Articulo	2012
On a non-nested level-based representation of fuzziness	Fuzzy sets and systems	Articulo	2012
Recognizing human behaviour using information from smart environments	Universidad de granada.	Tesis doctoral	2012
Text retrieval and visualization in databases using tag clouds	Communication in computer and information science	Articulo	2012
An approach to general quantification using representation by levels	Lecture notes in computer science	Articulo	2011
An estimator update scheme for large teams of learning automata	Advances in intelligent and soft computing 41	Capítulo de libro	2011
Fuzzy method to disclose behaviour patterns in a tagged world	Expert systems with applications	Articulo	2011
Fuzzy domains with adaptable semantics in an object-relational dbms	Lecture notes in computer science	Articulo	2011
Ontologies versus relational databases: are they so different? a comparison	Artificial intelligence review	Articulo	2011
Representación y tratamiento semántico de información imprecisa en bases de datos	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2011
Semantic processing of database textual attributes using wikipedia	Lecture notes in computer science	Articulo	2011
A lazy-typing based architecture for a data integration system	New trends on intelligent systems and soft computing. volume ii	Capítulo de libro	2010
A new fusion strategy for web metasearch	Soft computing	Articulo	2010
A system for recognizing activities of daily living using everyday objects	Knowledge-based and intelligent information and engineering systems	Capítulo de libro	2010
Data warehousing con procesamiento de datos textuales	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2010
Mining association rules from fuzzy datacubes	Scalable fuzzy algorithms for data management and analysis: methods and design	Capítulo de libro	2010
Movilización de información multimedia e interacción con entornos inteligentes	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2010

Inteligencia de negocios	Computación e inteligencia artificial	Artículo	2009
An extended characterization of fuzzy bags	International journal of intelligent systems	Artículo	2009
Association rules applied to credit card fraud detection	Expert systems with applications	Artículo	2009
An ambient intelligent approach to control behaviours on a tagged world	Distributed computing, artificial intelligence, bioinformatics, soft computing, and ambient assisted living	Capítulo de libro	2009
Fuzzy certainty on fuzzy values	Control and cybernetics	Artículo	2009
Fuzzy quantification using restriction levels	Lecture notes in computer science	Artículo	2009
Modelo difuso de bd objeto-relacional: propuesta de implementación en software libre	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2009
Semantic enrichment of database textual attributes	Lecture notes in computer science	Artículo	2009
Using fuzzy data mining to evaluate survey data from olive grove cultivation	Computers and electronics in agriculture	Artículo	2009
A complexity guided algorithm for association rule extraction on fuzzy datacubes	Ieee transactions on fuzzy systems	Artículo	2008
A fuzzy decision system applied to stock-market	Enterprise information systems and web technologies	Capítulo de libro	2008
A new semantic representation for short texts	Lecture notes in computer science	Artículo	2008
A restriction level approach to preference modelling	Computational intelligence in decision and control	Capítulo de libro	2008
Aplicación de la lógica difusa a la obtención de conocimiento para la detección y prevención de fraudes	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2008
Applying fuzzy data mining to tourism area	Handbook of research on fuzzy information processing in databases	Capítulo de libro	2008
Fuzzy association rules for query refinement in web retrieval	Forging the new frontiers: fuzzy pioneers ii	Capítulo de libro	2008
Fuzzy extended dependencies to support decision-making in project management	Journal of multiple-valued logic and soft computing	Artículo	2008
Introducción a los sistemas de bases de datos	Thomson-paraninfo	Libros	2008
Looking for information in fuzzy relational databases accessible via web	Handbook of research on web information systems quality	Capítulo de libro	2008
Mining gradual dependencies with variation strength	Mathware & soft computing	Artículo	2008
Pg4db: a fuzzy object-relational system: advances in intelligent databases and information systems	Fuzzy sets and systems	Artículo	2008
Restriction level representation of atanassov's intuitionistic fuzzy sets	Advances in fuzzy sets, intuitionistic fuzzy sets, generalized nets and related topics. vol i: foundations.	Capítulo de libro	2008
Sistema de gestión de bases de datos relacionales difusas multipropósito. una ontología para la representación del conocimiento difuso	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2008
The use of ontologies for representing database schemas of fuzzy information	International journal of intelligent systems	Artículo	2008
Tratamiento semántico de atributos textuales en un modelo relacional orientado a objetos: implementación en software libre	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2008
Using association rules to mine for strong approximate dependencies	Data mining and knowledge discovery	Artículo	2008

A general framework for computing with words in object-oriented programming	International journal of uncertainty, fuzziness and knowledge-based systems	Articulo	2007
An alternative approach to discover gradual dependencies	International journal of uncertainty, fuzziness and knowledge-based systems	Articulo	2007
Analysis of log files applying mining techniques and fuzzy logic	Lecture notes in computer science	Capítulo de libro	2007
Applying fuzzy data mining for soaring area selection	Lecture notes in computer science	Articulo	2007
Data integration using lazy types	Lecture notes in computer science	Articulo	2007
Fuzzy ridge regression with non symmetric membership functions and quadratic models	Lecture notes in computer science	Articulo	2007
Intelligent fuzzy information systems: beyond the relational data model	International journal of uncertainty, fuzziness and knowledge-based systems	Articulo	2007
Managing fuzziness on conventional object-oriented platforms	International journal of intelligent systems	Articulo	2007
Methodology for knowledge structuring in a discipline: the puertoterm case	El profesional de la informacion	Articulo	2007
Minería web de uso y perfiles de usuario: aplicaciones con lógica difusa	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2007
Web usage mining via fuzzy logic techniques	Lecture notes in computer science	Capítulo de libro	2007
Analisis de regresion difusa: nuevos enfoques y aplicaciones	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2006
Enhancing short text retrieval in databases	Lecture notes in computer science	Articulo	2006
Fuzzy regression with quadratic programming: an application to financial data	Lecture notes in computer science	Articulo	2006
Helping users in web information retrieval using fuzzy association rules	Soft computing in web information retrieval	Capítulo de libro	2006
Induction and inference with fuzzy rules for textual information retrieval	Data mining and knowledge discovery approaches based on rule induction techniques	Capítulo de libro	2006
A definition for fuzzy approximate dependencies	Fuzzy sets and systems	Articulo	2005
A first approach to the multipurpose relational database server	Mathware & soft computing	Articulo	2005
A framework to build fuzzy object-oriented capabilities over an existing database system	Advances in fuzzy object-oriented databases: modeling and applications	Capítulo de libro	2005
Analysis and characterization of olive tree cultivation system in granada province (south of spain) with optimal scaling and multivariate techniques	Agrochimica: rivista internazionale di chimica vegetale, pedologia e fertilizzazione del suolo	Articulo	2005
Development of applications with fuzzy objects in modern programming platforms	International journal of intelligent systems	Articulo	2005
Fuzzy types: a first step towards lazy types in the .net framework	Computational intelligence, theory and applications	Capítulo de libro	2005
Imprecisión e incertidumbre en el modelo multidimensional: aplicación a la minería de datos	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2005
Introducción a las bases de datos : el modelo relacional	Thomson-paraninfo	Libros	2005
Lazy types: automating dynamic strategy selection		Articulo	2005
Systems of possibilistic regressions: a case study in ecological inference	Mathware & soft computing	Articulo	2005
A flexible approach to the multidimensional			

A flexible approach to the multidimensional model: the fuzzy datacube	Lecture notes in computer science	Articulo	2004
A fuzzy general framework for association rules. some applications.	Current issues in data and knowledge engineering	Capítulo de libro	2004
A linguistic hierarchy for datacube dimensions modelling	Current issues in data and knowledge engineering	Capítulo de libro	2004
A proposal of fuzzy correspondence analysis based on flexible data mining techniques	Soft methodology and random information systems	Capítulo de libro	2004
Mining web documents to find additional query terms using fuzzy association rules	Fuzzy sets and systems	Articulo	2004
Text mining using fuzzy association rules	Fuzzy logic and the internet	Capítulo de libro	2004
A new proposal of aggregation functions: the linguistic summary	Lecture notes in computer science	Articulo	2003
A new proposal of aggregation functions: the linguistic summary	Lecture notes in artificial intelligence 2715 - fuzzy sets and systems- ifsa 2003	Capítulo de libro	2003
A tuple-oriented algorithm for deduction in a fuzzy relational database	International journal of uncertainty, fuzziness and knowledge-based systems	Articulo	2003
Building topic profiles based on expert profile aggregation	Lecture notes in computer science	Articulo	2003
Complex object comparison in a fuzzy context	Information and software technology	Articulo	2003
Fsql: a flexible query language for data mining	Enterprise information systems iv	Capítulo de libro	2003
Fuzzy association rules: general model and applications	IEEE transactions on fuzzy systems	Articulo	2003
Modelling subjectivity in visual perception of orientation for image retrieval; modelling vagueness and subjectivity in information access	Information processing & management	Articulo	2003
On a characterization of fuzzy bags	Lecture notes in artificial intelligence 2715 - fuzzy sets and systems- ifsa 2003	Capítulo de libro	2003
On a characterization of fuzzy bags	Lecture notes in computer science	Articulo	2003
Segmenting colour images on the basis of a fuzzy hierarchical approach	Mathware & soft computing	Articulo	2003
Textual information retrieval with user profiles using fuzzy clustering and inferencing	Intelligent exploration of the web	Capítulo de libro	2003
Using classical object-oriented features to build a fuzzy object-oriented database system	Software engineering with computational intelligence	Capítulo de libro	2003
Using data mining techniques to analyze correspondences between user and scientific knowledge in an agricultural environment	Enterprise information systems iv	Capítulo de libro	2003
A communication model based on the 2-tuple fuzzy linguistic representation for a distributed intelligent agent system on internet	Soft computing	Articulo	2002
A probabilistic definition of a nonconvex fuzzy cardinality	Fuzzy sets and systems	Articulo	2002
Acquisition of fuzzy association rules from medical data	Fuzzy logic in medicine	Capítulo de libro	2002
Analysis of log files applying mining techniques and fuzzy logic	Aggregation operators: new trends and applications	Capítulo de libro	2002
Association rule extraction for text mining	Lecture notes in computer science	Articulo	2002
Fusión de conocimiento en bases de datos relacionales: medidas de agregación y resumen	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2002

Fuzzy logic for measuring information retrieval effectiveness	Advances in knowledge organization. challenges in knowledge representation and organization for the 21 ts century	Capítulo de libro	2002
Intelligent filtering with genetic algorithms and fuzzy logic	Technologies for constructing intelligent systems 1	Capítulo de libro	2002
Lenguajes e interfaces de alto nivel para data mining con aplicación práctica en entornos financieros	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2002
Measuring the accuracy and interest of association rules: a new framework	Intelligent data analysis	Articulo	2002
Mining text data: special features and patterns	Lecture notes in computer science	Articulo	2002
Quantifier guided aggregation of fuzzy criteria with associated importances.	Aggregation operators: new trends and applications	Capítulo de libro	2002
Uncertain fuzzy values still in the framework of first-order logic	International journal of intelligent systems	Articulo	2002
User profiles and fuzzy logic for web retrieval issues	Soft computing	Articulo	2002
A methodology to improve object oriented database systems with fuzzy types	Technologies for constructing intelligent systems	Capítulo de libro	2001
A new framework to assess association rules	Advances in intelligent data analysis	Capítulo de libro	2001
A new framework to assess association rules	Lecture notes in computer science	Articulo	2001
A strategy for adding fuzzy types to an object-oriented database system	International journal of intelligent systems	Articulo	2001
Building topic profiles based on expert profile aggregation	Advances in intelligent data analysis	Capítulo de libro	2001
Combining linguistic information in a distributed intelligent agent model for information gathering on the internet	Computing with words	Capítulo de libro	2001
Deducción en bases de datos relacionales difusas	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2001
Estudio de la vaguedad en los sistemas de bases de datos orientados a objetos: tipos difusos y sus aplicaciones	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2001
Mining association rules with improved semantics in medical databases	Artificial intelligence in medicine	Articulo	2001
Using artificial neural network to define fuzzy comparators in fsql with the criterion of some decision-maker	Lecture notes in computer science	Articulo	2001
Using artificial neural network to define fuzzy comparators in fsql with the criterion of some decision-maker	Bio-inspired applications of connectionism	Capítulo de libro	2001
A survey of methods to evaluate quantified sentences	Mathware & soft computing	Articulo	2000
Adquisicion de relaciones entre atributos en bases de datos relacionales	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2000
An extension of data description language (ddl) for fuzzy data handling	Flexible query answering systems: recent advances	Capítulo de libro	2000
An implementation for fuzzy deductive relational databases	Recent issues on fuzzy databases. studies in fuzziness and soft computing	Capítulo de libro	2000
Esquema metodologico para el desarrollo de un sistema inteligente para la ayuda en la toma de decisiones en el ambito del olivar granadino	Edafologia	Articulo	2000

Fuzzy cardinality based evaluation of quantified sentences	International journal of approximate reasoning	Articulo	2000
Fuzzy types: a new concept of type for managing vague structures	International journal of intelligent systems	Articulo	2000
Knowledge management in fuzzy databases	Physica verlag	Libros	2000
Measuring effectiveness in fuzzy information retrieval	Advances in soft computing. engineering design and manufacturing	Capítulo de libro	2000
Modelos de computacion flexible para la recuperacion de informacion	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	2000
Un sistema de información y de ayuda a la decisión en el ámbito del olivar granadino, basado en la lógica difusa.		Articulo	2000
Un sistema de información y de ayuda a la decisión en el ámbito del olivar granadino, basado en la lógica difusa.	Edafologia	Articulo	2000
Using genetic feature selection for optimizing user profiles	Mathware & soft computing	Articulo	2000
A fuzzy genetic algorithm approach to an adaptive information retrieval agent	Journal of the association for information science and technology	Articulo	1999
About the use of fuzzy clustering techniques for fuzzy model identification	Fuzzy sets and systems	Articulo	1999
Aggregation of linguistic information based on a symbolic approach	Computing with words in information/intelligent systems	Capítulo de libro	1999
Computing fuzzy dependencies with linguistic labels	Computing with words in information intelligent systems 2	Capítulo de libro	1999
Data summarization in relational databases through fuzzy dependencies	Information sciences	Articulo	1999
Dealing with uncertainty and imprecision by means of fuzzy numbers	International journal of approximate reasoning	Articulo	1999
Non transitive fuzzy dependencies (i)	Fuzzy sets and systems	Articulo	1999
Pattern recognition with evidential knowledge	International journal of intelligent systems	Articulo	1999
Transitive fuzzy dependencies (ii)	Fuzzy sets and systems	Articulo	1999
A fuzzyness measure for fuzzy numbers: applications	Fuzzy sets and systems	Articulo	1998
Applying genetic algorithms to the feature selection problem in information retrieval	Flexible querying answering systems ii. lecture notes in artificial intelligence 1495	Capítulo de libro	1998
Classification in databases using a fuzzy query language	Databases for the millennium 2000	Capítulo de libro	1998
Classification in databases using a fuzzy query language	Databases for the millennium 2000	Capítulo de libro	1998
Fuzzy loss less decompositions in databases	Fuzzy sets and systems	Articulo	1998
On a canonical representation of fuzzy numbers	Fuzzy sets and systems	Articulo	1998
A fuzzy deductive relational database	Flexible querying systems	Capítulo de libro	1997
Aplicacion de las nuevas tecnologias de la informacion al ambito hospitalario	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	1997
Extensions of a resemblance relation	Fuzzy sets and systems	Articulo	1997
Freddi: a fuzzy relational deductive database interface	International journal of intelligent systems	Articulo	1997
Rapid prototyping of fuzzy model based of hierarchical clustering	Fuzzy model identification. selected approaches	Capítulo de libro	1997
Soft computing: a new perspective for some	Vistas in astronomy	Articulo	1997



data mining problems	vistas in astronomy.	Artículo	1997
Using owa operators in flexible query processing	The ordered weighted averaging operators: theory and applications	Capítulo de libro	1997
A conceptual approach for dealing with imprecision and uncertainty in object-based data models	International journal of intelligent systems	Artículo	1996
An architecture for a deductive fuzzy relational database	Lecture notes in computer science	Artículo	1996
Client/server architecture for fuzzy relational databases	Mathware & soft computing	Artículo	1996
Dealing with disjunctive and missing information in logic fuzzy databases	International journal of uncertainty, fuzziness and knowledge-based systems	Artículo	1996
An elemental procesor of fuzzy sql	Mathware & soft computing	Artículo	1995
Representacion logica de bases de datos difusas: fundamentos teoricos e implementacion	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	1995
Towards the implementation of a generalized fuzzy relational database model	Fuzzy sets and systems	Artículo	1995
A logic approach to fuzzy relational databases	International journal of intelligent systems	Artículo	1994
A model for linguistic partial information in decision making problems	International journal of intelligent systems	Artículo	1994
A new definition of fuzzy functional dependencies in fuzzy relational databases	International journal of intelligent systems	Artículo	1994
Bases de datos relacionales difusas: modelo teorico y aspectos de su implementacion	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	1994
Dependencias funcionales difusas en bases de datos relacionales difusas	Universidad de granada. ciencias morfológicas	Tesis doctoral	1994
Fuzzy numbers. definitions and properties	Mathware & soft computing	Artículo	1994
Fuzzy optimization: recent advances	Physica verlag	Libros	1994
Gefred - a generalized-model of fuzzy relational databases	Information sciences	Artículo	1994
Breve historia de la logica fuzzy	Arbor (madrid)	Artículo	1993
Decisión en ambiente fuzzy	Arbor (madrid)	Artículo	1993
Influence of granularity level in fuzzy functional dependencies	Lecture notes in computer science	Artículo	1993
Interval and fuzzy extensions of classical transportation problems	Transportation planning and technology	Artículo	1993
Linguistic decision making models	International journal of intelligent systems	Artículo	1993
On aggregation operations of linguistic labels	International journal of intelligent systems	Artículo	1993
Post-optimality analysis on the membership functions of a fuzzy linear programming problem	Fuzzy sets and systems	Artículo	1993
Post-optimality analysis on the membership functions of a fuzzy linear programming problem	Fuzzy sets and systems	Artículo	1993
Ranking fuzzy interval numbers in the setting of random sets	Information sciences	Artículo	1993
Software y bases de datos difusos	Arbor	Artículo	1993
A fuzzy multiobjective approach for hypothesis testing	Fuzzy regression analysis (j. kacprzyk y m. fedrizzi, eds.) 1992	Capítulo de libro	1992
Dominance relations of fuzzy numbers	Information sciences	Artículo	1992
Decision making on incomplete and vague information	Fuzzy engineering toward human friendly systems. (t. terano, et al., eds.)	Capítulo de libro	1992
Fuzzy linear programming problems with	Fuzzy systems - reports and letters	Artículo	1992

nonlinear membership			
Fuzzy linear programming problems with nonlinear membership functions	Fuzzy systems - reports and letters	Articulo	1992
Informacion linguistica y toma de decisiones	Homenaje a pablo bobillo guerrero	Capítulo de libro	1992
On the use of ranking function approach to solve fuzzy matrix games in a direct way	Fuzzy sets and systems	Articulo	1992
A discrete method for studying indifference and order relations between fuzzy numbers	Information sciences	Articulo	1991
An interval-based approach for working with fuzzy numbers	Lecture notes in computer science 521	Capítulo de libro	1991
A possibilistic approach for multiobjective programming problems efficiency of solutions	Stochastic versus fuzzy approaches to multiobjective mathematical programming under uncertainty. r. slowinski y j. teghem (eds.), 1990	Capítulo de libro	1990
Dominance and indifference relations on fuzzy numbers	Progress in fuzzy sets and systems	Capítulo de libro	1990
On valuations and optimization problems in fuzzy graphs: a general approach and some particular cases	Orsa journal on computing	Articulo	1990
Playing zero-sum games defined by linguistic labels	Multiperson decision making using fuzzy sets and possibility theory. j. kacprzyk y m. fedrizzi (eds). kluwer academic pub. co (1990), 298-310	Capítulo de libro	1990
Relating different approaches to solve linear programming problems with imprecise costs	Fuzzy sets and systems	Articulo	1990
A general model for fuzzy linear programming	Fuzzy sets and systems	Articulo	1989
A procedure for ranking fuzzy numbers using fuzzy relations	Fuzzy sets and systems	Articulo	1988
Métodos subjetivos para la comparación de números difusos	Universidad de granada. ciencias de la computación e inteligencia artificial	Tesis doctoral	1988
El problema del arbol generador minimal para grafos difusos	Trabajos de investigación operativa	Articulo	1987
Fuzzy transportation problems: a general analysis	Optimization models using fuzzy sets and possibility theory (j kacprzyk y s.a. orlovski, eds)	Capítulo de libro	1987
Imprecise costs in mathematical programming problems	Control and cybernetics	Articulo	1987
On subjective order relations between fuzzy numbers	Busefal. bulletin pour les sous ensembles flous et leurs applications	Articulo	1987
Resolucion por programacion parametrica del problema multiobjetivo lineal difuso	Trabajos de estadística y de investigación operativa	Articulo	1985
Solving the biobjective linear programming problem	Approximate reasoning in expert systems" m.m. gupta, a. kandel, w. bandler y j.b. kiszka (eds)	Capítulo de libro	1985
Testing fuzzy hypotheses: a bayesian approach	Approximate reasoning in expert systems" m.m. gupta, a. kandel, w. bandler y j.b. kiszka (eds)	Capítulo de libro	1985
Máximo y mínimo en una subclase de números difusos	Cuadernos de estadística matemática. seria a. probabilidad	Articulo	1984

	<b>Título proyecto</b>	<b>Tipo</b>	<b>Inicio</b>	<b>Fin</b>
1	Nuevas representaciones estructuradas de textos para data warehousing y minería de datos: representaciones visuales de tipo tagclouds usando folksonomias., aplicación a la información, médica	Proyecto	7/16/12	3/31/16
2	Servicio de desarrollo de un sistema centralizado telemático para la gestión de un centro de colecciones	Proyecto	6/1/12	9/30/13
3	Gestion semántica de datos documentales mediante técnicas de soft computing. aplicación al control de autoridades	Proyecto	4/11/07	3/31/10
4	Proyecto de acción formativa para la preparación en minería de datos del personal de &quot;la general&quot;;	Contrato	5/14/07	5/26/07
5	Un sistema de minería de datos con ayuda inteligente basado en técnicas de soft computing	Proyecto	12/1/02	11/30/05
6	Red andaluza de sistemas de información (anetis)	Proyecto	12/1/01	6/1/04
7	Knowledge-based intelligent miner (un sistema intelingente para la minería de datos)	Proyecto	12/28/01	12/27/02
8	Un sistema inteligente para la toma de decisiones en el entorno agrícola del sudeste español	Proyecto	11/1/98	10/31/01
9	Implementacion de un agente inteligente para la optimizacion de consultas en internet	Contrato	5/1/00	10/31/00
10	Herramienta para la explotación de bases de datos	Proyecto	8/1/97	7/31/00
11	Diseño de una herramienta para la explotacion de bases de datos, basada en tecnicas de computacion flexible.	Proyecto	8/1/97	7/31/00
12	Diseño e implementacion de un modelo de base de datos deductiva. aplicaciones al tratamiento de la informacion medica	Proyecto	1/1/94	1/1/97

## Actividades 1

<b>Título actividad</b>	<b>Fuente</b>	<b>Tipo</b>	<b>Fecha</b>
Presidente del comité de evaluación de título de grado en el programa verifica de aneca	Universidad de granada	Experiencia en evaluación	Mar 3, 2008

## Colaboradores

- **MIGUEL DELGADO CALVO-FLORES** (78)
- **DANIEL SANCHEZ FERNANDEZ** (55)
- **MARÍA JOSÉ MARTÍN BAUTISTA** (47)
- **OLGA PONS CAPOTE** (43)
- **JOSE LUIS VERDEGAY GALDEANO** (31)
- **NICOLÁS MARÍN RUIZ** (31)
- **JUAN MIGUEL MEDINA RODRIGUEZ** (30)
- **JUAN CARLOS CUBERO TALAVERA** (25)
- **JOSÉ MARÍA SERRANO CHICA** (22)
- **IGNACIO JOSÉ BLANCO MEDINA** (17)
- **FERNANDO BERZAL GALIANO** (13)
- **ANTONIO GONZALEZ MUÑOZ** (10)
- **JESÚS ROQUE CAMPAÑA GÓMEZ** (8)
- **CARLOS MOLINA FERNÁNDEZ** (7)
- **FRANCISCO HERRERA TRIGUERO** (7)
- **CARMEN MARTINEZ CRUZ** (6)
- **GABRIEL DELGADO CALVO-FLORES** (6)

- MARÍA ROS IZQUIERDO (6)
- RAMÓN ALBERTO CARRASCO GONZALÉZ (6)
- JOSE GALINDO GOMEZ (5)
- VÍCTOR ARANDA SANJUÁN (5)
- IRENE DÍAZ VALENZUELA (4)
- JESÚS CHAMORRO MARTÍNEZ (4)
- JULIO ANTONIO CALERO GONZÁLEZ (4)
- ALBERTO GABRIEL SALGUERO HIDALGO (3)
- ENRIQUE HERRERA VIEDMA (3)
- FRANCISCO ARAQUE CUENCA (3)
- MARÍA DOLORES RUIZ JIMÉNEZ (3)
- MARÍA DOLORES RUIZ LOZANO (3)
- ÚRSULA TORRES PAREJO (3)
- LAZARO RODRIGUEZ ARIZA (2)
- MANUEL PEGALAJAR CUÉLLAR (2)
- MANUEL SÁNCHEZ MARAÑÓN (2)
- SANDRO MARTÍNEZ FOLGOSO (2)
- SILVIA ACID CARRILLO (2)
- ELIZABET TEJEDA ÁVILA (1)
- JOSE ANTONIO SENSO RUIZ (1)
- LUIS MIGUEL DE CAMPOS IBAÑEZ (1)
- MIGUEL JOSÉ MOLINA SOLANA (1)
- M<sup>a</sup> BELEN PRADOS SUAREZ (1)
- PAMELA BLANCHARD FABER BENITEZ (1)
- PEDRO JAVIER MAGAÑA REDONDO (1)
- WALDO FAJARDO CONTRERAS (1)
- Yilena Perez Almaguer (1)