

Título del artículo	Autores	Título de la revista	DOI
2nd special issue on Linked Dataset Descriptions	Lehmann, J (Lehmann, Jens); Corcho, O (Corcho, Oscar)	SEMANTIC WEB	10.3233/SW-150170
A CBR approach to allocate computational resources within a cloud platform	De la Prieta, F (De la Prieta, Fernando); Bajo, J (Bajo, Javier); Corchado, JM (Corchado, Juan M.)	INTELLIGENT DISTRIBUTED COMPUTING IX, IDC'2015	10.1007/978-3-319-25017-5_7
A denotational semantics for equilibrium logic	Aguado, F (Aguado, Felicidad); Cabalar, P (Cabalar, Pedro); Pearce, D (Pearce, David); Perez, G (Perez, Gilberto); Vidal, C (Vidal, Concepcion)	THEORY AND PRACTICE OF LOGIC PROGRAMMING	10.1017/S1471068415000277
A Distributed Transaction Model for Read-Write Linked Data Applications	Mihindukulasooriya, N (Mihindukulasooriya, Nandana); Garcia-Castro, R (Garcia-Castro, Raul); Gomez-Perez, A (Gomez-Perez, Asuncion)	ENGINEERING THE WEB IN THE BIG DATA ERA	10.1007/978-3-319-19890-3_45
A Group Decision-Making Methodology with Incomplete Individual Beliefs Applied to e-Democracy	Mateos, A (Mateos, Alfonso); Jimenez-Martin, A (Jimenez-Martin, Antonio); Rios-Insua, S (Rios-Insua, Sixto)	GROUP DECISION AND NEGOTIATION	10.1007/s10726-014-9401-y
A semantic approach for designing Assistive Software Recommender systems	Gomez-Martinez, E (Gomez-Martinez, Elena); Linaje, M (Linaje, Marino); Sanchez-Figueroa, F (Sanchez-Figueroa, Fernando); Iglesias-Perez, A (Iglesias-Perez, Andres); Preciado, JC (Carlos Preciado, Juan); Gonzalez-Cabero, R (Gonzalez-Cabero, Rafael); Merseguer, J (Merseguer, Jose)	JOURNAL OF SYSTEMS AND SOFTWARE	10.1016/j.jss.2015.03.009
A Suite of Ontologies for Preserving Workflow-Centric Research Objects	Belhajjame, K (Belhajjame, Khalid); Zhao, J (Zhao, Jun); Garijo, D (Garijo, Daniel); Gamble, M (Gamble, Matthew); Hettne, K (Hettne, Kristina); Palma, R (Palma, Raul); Mina, E (Mina, Eleni); Corcho, O (Corcho, Oscar); Gomez-Perez, JM (Gomez-Perez, Jose Manuel); Bechhofer, S (Bechhofer, Sean); Klyne, G (Klyne, Graham); Goble, C (Goble, Carole)	Journal of Web Semantics	10.1016/j.websem.2015.01.003
A survey on multi-output regression	Borchani, H (Borchani, Hanen); Varando, G (Varando, Gherardo); Bielza, C (Bielza, Concha); Larranaga, P (Larranaga, Pedro)	WILEY INTERDISCIPLINARY REVIEWS-DATA MINING AND KNOWLEDGE DISCOVERY	10.1002/widm.1157
A univocal definition of the neuronal soma morphology using Gaussian mixture models	Luengo-Sanchez, S (Luengo-Sanchez, Sergio); Bielza, C (Bielza, Concha); Benavides-Piccione, R (Benavides-Piccione, Ruth); Fernaud-Espinosa, I (Fernaud-Espinosa, Isabel); DeFelipe, J (DeFelipe, Javier); Larranaga, P (Larranaga, Pedro)	FRONTIERS IN NEUROANATOMY	10.3389/fnana.2015.00137
aCGH-MAS: Analysis of aCGH by means of Multiagent System	De Paz, JF (De Paz, Juan F.); Benito, R (Benito, Rocio); Bajo, J (Bajo, Javier); Rodriguez, AE (Eugenia Rodriguez, Ana); Abaigar, M (Abaigar, Maria)	BIOMED RESEARCH INTERNATIONAL	10.1155/2015/194624
Alignment in Vision-based Syntactic Language Games for Teams of Robots using Stochastic Regular Grammars and Reinforcement Learning: The fully Autonomous case and the Human supervised case	Maravall, D (Maravall, Dario); Mingo, JM (Mario Mingo, Jack); De Lope, J (De Lope, Javier)	Robotics and Autonomous Systems Journal	10.1016/j.robot.2014.09.013
An Autonomous In Vivo Dual Selection Protocol for Boolean Genetic Circuits	Benes, D (Benes, David); Sosik, P (Sosik, Petr); Rodriguez-Paton, A (Rodriguez-Paton, Alfonso)	ARTIFICIAL LIFE	10.1162/ARTL_a_00160

An Integrated Framework for Enabling End-User Configuration of Aml Simulations for Open Wide Locations	Alcarria, R (Alcarria, Ramon); Serrano, E (Serrano, Emilio); Sanz, JG (Gomez Sanz, Jorge); Fernandez, A (Fernandez, Alberto)	UBIQUITOUS COMPUTING AND AMBIENT INTELLIGENCE: SENSING, PROCESSING, AND USING ENVIRONMENTAL INFORMATION	10.1007/978-3-319-26401-1_39
Autonomous collision avoidance system based on accurate knowledge of the vehicle surroundings	Jimenez, F (Jimenez, Felipe); Naranjo, JE (Eugenio Naranjo, Jose); Gomez, O (Gomez, Oscar)	IET INTELLIGENT TRANSPORT SYSTEMS	10.1049/iet-its.2013.0118
Bacterial computing with engineered populations	Amos, M (Amos, Martyn); Axmann, IM (Axmann, Ilka Maria); Bluthgen, N (Bluethgen, Nils); de la Cruz, F (de la Cruz, Fernando); Jaramillo, A (Jaramillo, Alfonso); Rodriguez-Paton, A (Rodriguez-Paton, Alfonso); Simmel, F (Simmel, Friedrich)	PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY A-MATHEMATICAL PHYSICAL AND ENGINEERING SCIENCES	10.1098/rsta.2014.0218
Bacterially inspired evolution of intelligent systems under constantly changing environments	Rolania, DB (Barrios Rolania, D.); Font, J (Font, J. M.); Manrique, D (Manrique, D.)	SOFT COMPUTING	10.1007/s00500-014-1319-4
BactoSim - An Individual-Based Simulation Environment for Bacterial Conjugation	Garcia, AP (Prestes Garcia, Antonio); Rodriguez-Paton, A (Rodriguez-Paton, Alfonso)	ADVANCES IN PRACTICAL APPLICATIONS OF AGENTS, MULTI-AGENT SYSTEMS, AND SUSTAINABILITY	10.1007/978-3-319-18944-4_26
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Building Domain Ontologies Out of Folksonomies and Linked Data	Garcia-Silva, A (Garcia-Silva, Andres); Garcia-Castro, LJ (Jael Garcia-Castro, Leyla); Garcia, A (Garcia, Alexander); Corcho, O (Corcho, Oscar)	INTERNATIONAL JOURNAL ON ARTIFICIAL INTELLIGENCE TOOLS	10.1142/S021821301540014X
CHEMDNER: The drugs and chemical names extraction challenge	Krallinger, M (Krallinger, Martin); Leitner, F (Leitner, Florian); Rabal, O (Rabal, Obdulia); Vazquez, M (Vazquez, Miguel); Oyarzabal, J (Oyarzabal, Julen); Valencia, A (Valencia, Alfonso)	Journal of Cheminformatics	10.1186/1758-2946-7-S1-S1
Classifying GABAergic interneurons with semi-supervised projected model-based clustering	Mihaljevic, B (Mihaljevic, Bojan); Benavides-Piccione, R (Benavides-Piccione, Ruth); Guerra, L (Guerra, Luis); DeFelipe, J (DeFelipe, Javier); Larranaga, P (Larranaga, Pedro); Bielza, C (Bielza, Concha)	Artificial Intelligence in Medicine	10.1016/j.artmed.2014.12.010
Cognition-oriented Advanced Robotic Systems	de Lope, J (de Lope, J.); Duro, RJ (Duro, R. J.); Ferrandez, JM (Ferrandez, J. M.); Maravall, D (Maravall, D.)	ROBOTICS AND AUTONOMOUS SYSTEMS	10.1016/j.robot.2014.10.016
Comparing supervised learning methods for classifying sex, age, context and individual Mudi dogs from barking	Larranaga, A (Larranaga, Ana); Bielza, C (Bielza, Concha); Pongracz, P (Pongracz, Peter); Farago, T (Farago, Tamas); Balint, A (Balint, Anna); Larranaga, P (Larranaga, Pedro)	ANIMAL COGNITION	10.1007/s10071-014-0811-7
Conditional Density Approximations with Mixtures of Polynomials	Varando, G (Varando, Gherardo); Lopez-Cruz, PL (Lopez-Cruz, Pedro L.); Nielsen, TD (Nielsen, Thomas D.); Larranaga, P (Larranaga, Pedro); Bielza, C (Bielza, Concha)	International Journal of Intelligent Systems	10.1002/int.21699
Decision Boundary for Discrete Bayesian Network Classifiers	Varando, G (Varando, Gherardo); Bielza, C (Bielza, Concha); Larranaga, P (Larranaga, Pedro)	JOURNAL OF MACHINE LEARNING RESEARCH	---

Directional naive Bayes classifiers	Lopez-Cruz, PL (Lopez-Cruz, Pedro L.); Bielza, C (Bielza, Concha); Larranaga, P (Larranaga, Pedro)	PATTERN ANALYSIS AND APPLICATIONS	10.1007/s10044-013-0340-z
Discretization of Expression Quantitative Trait Loci in Association Analysis Between Genotypes and Expression Data	Masegosa, AR (Masegosa, Andres R.); Armananzas, R (Armananzas, Ruben); Abad-Grau, MM (Abad-Grau, Maira M.); Potenciano, V (Potenciano, Victor); Moral, S (Moral, Serafin); Larranaga, P (Larranaga, Pedro); Bielza, C (Bielza, Concha); Matesanz, F (Matesanz, Fuencisla)	CURRENT BIOINFORMATICS	10.2174/157489361002150518123918
ELECTRIC VEHICLE AUTONOMY ESTIMATION CONSIDERING DRIVING STYLE	Diaz-Alvarez, A (Diaz-Alvarez, Alberto); Serradilla-Garcia, F (Serradilla-Garcia, Francisco); Anaya-Catalan, JJ (Javier Anaya-Catalan, Jose); Jimenez-Alonso, F (Jimenez-Alonso, Felipe); Naranjo-Hernandez, JE (Eugenio Naranjo-Hernandez, Jose)	DYNA	10.6036/7199
Enabling semantic interoperability in multi-centric clinical trials on breast cancer	Alonso-Calvo, R (Alonso-Calvo, Raul); Perez-Rey, D (Perez-Rey, David); Paraiso-Medina, S (Paraiso-Medina, Sergio); Claerhout, B (Claerhout, Brecht); Hennebert, P (Hennebert, Philippe); Bucur, A (Bucur, Anca)	COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE	10.1016/j.cmpb.2015.01.003
Energy consumption estimation in electric vehicles considering driving style	Jimenez, F (Jimenez, Felipe); Amarillo, JC (Carlos Amarillo, Juan); Naranjo, JE (Eugenio Naranjo, Jose); Serradilla, F (Serradilla, Francisco); Diaz, A (Diaz, Alberto)	2015 IEEE 18TH INTERNATIONAL CONFERENCE ON INTELLIGENT TRANSPORTATION SYSTEMS	10.1109/ITSC.2015.25
Fuzzified Risk Management: Selection of Safeguards to Minimize the Maximum Risk	Vicente, E (Vicente, Eloy); Mateos, A (Mateos, Alfonso); Jimenez-Martin, A (Jimenez-Martin, Antonio)	COMPUTER SCIENCE AND INFORMATION SYSTEMS	10.2298/CSIS140925017V
Generation of human computational models with machine learning	Campuzano, F (Campuzano, Francisco); Garcia-Valverde, T (Garcia-Valverde, Teresa); Botia, JA (Botia, Juan A.); Serrano, E (Serrano, Emilio)	INFORMATION SCIENCES	10.1016/j.ins.2014.09.008
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Guidelines for Linked Data generation and publication: An example in building energy consumption	Radulovic, F (Radulovic, Filip); Poveda-Villalon, M (Poveda-Villalon, Maria); Vila-Suero, D (Vila-Suero, Daniel); Rodriguez-Doncel, V (Rodriguez-Doncel, Victor); Garcia-Castro, R (Garcia-Castro, Raul); Gomez-Perez, A (Gomez-Perez, Asuncion)	Automation in Construction	10.1016/j.autcon.2015.04.002
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Interval-based ranking in noisy evolutionary multi-objective optimization	Karshenas, H (Karshenas, Hossein); Bielza, C (Bielza, Concha); Larraaga, P (Larraaga, Pedro)	COMPUTATIONAL OPTIMIZATION AND APPLICATIONS	10.1007/s10589-014-9717-1
Media Contracts Formalization Using a Standardized Contract Expression Language	Rodriguez, E (Rodriguez, Eva); Delgado, J (Delgado, Jaime); Boch, L (Boch, Laurent); Rodriguez-Doncel, V (Rodriguez-Doncel, Victor)	IEEE Multimedia	10.1109/MMUL.2014.22
Modelling Rules for Automating the Evented Web by Semantic Technologies	Coronado, M (Coronado, Miguel); Iglesias, CA (Iglesias, Carlos A.); Serrano, E (Serrano, Emilio)	Expert Systems With Applications	10.1016/j.eswa.2015.06.031

Multi-Agent Information Fusion System to manage data from a WSN in a residential home	Rodriguez, S (Rodriguez, Sara); De Paz, JF (De Paz, Juan F.); Villarrubia, G (Villarrubia, Gabriel); Zato, C (Zato, Carolina); Bajo, J (Bajo, Javier); Corchado, JM (Corchado, Juan M.)	Information Fusion	10.1016/j.inffus.2014.03.003
Multi-target detection and estimation with the use of massive independent, identical sensors	Li, TC (Li, Tiancheng); Corchado, JM (Corchado, Juan M.); Bajo, J (Bajo, Javier); Chen, GS (Chen, Genshe)	SENSORS AND SYSTEMS FOR SPACE APPLICATIONS VIII	10.1117/12.2177973
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Partition based real-valued encoding scheme for evolutionary algorithms	Font, JM (Font, Jose M.); Manrique, D (Manrique, Daniel); Ramos-Criado, P (Ramos-Criado, Pablo); del Rio, D (del Rio, David)	Natural Computing	10.1007/s11047-015-9505-6
Practical Run-time Checking via Unobtrusive Property Caching	Stulova, N (Stulova, Nataliia); Morales, JF (Morales, Jose F.); Hermenegildo, MV (Hermenegildo, Manuel V.)	Theory And Practice of Logic Programming	10.1017/S1471068415000344
Pre-Indexed Terms for Prolog	Morales, JF (Morales, J. F.); Hermenegildo, M (Hermenegildo, M.)	Lecture Notes in Computer Science	10.1007/978-3-319-17822-6_18
Problem-based learning supported by semantic techniques	Lozano, E (Lozano, Esther); Gracia, J (Gracia, Jorge); Corcho, O (Corcho, Oscar); Noble, RA (Noble, Richard A.); Gomez-Perez, A (Gomez-Perez, Asuncion)	Interactive Learning Environments	10.1080/10494820.2012.745431
Properties underlying a preference aggregator based on satisficing logic	Gonzalez-Pachon, J (Gonzalez-Pachon, Jacinto); Romero, C (Romero, Carlos)	INTERNATIONAL TRANSACTIONS IN OPERATIONAL RESEARCH	10.1111/itor.12116
Rationalizing Efficient Compositional Image Alignment	Munoz, E (Munoz, Enrique); Marquez-Neila, P (Marquez-Neila, Pablo); Baumela, L (Baumela, Luis)	INTERNATIONAL JOURNAL OF COMPUTER VISION	10.1007/s11263-014-0769-6
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Self-Organizing Architecture for Information Fusion in Distributed Sensor Networks	Bajo, J (Bajo, Javier); De Paz, JF (De Paz, Juan F.); Villarrubia, G (Villarrubia, Gabriel); Corchado, JM (Corchado, Juan M.)	INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS	10.1155/2015/231073
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The CHEMDNER corpus of chemicals and drugs and its annotation principles	Krallinger, M (Krallinger, Martin); Rabal, O (Rabal, Obdulia); Leitner, F (Leitner, Florian); Vazquez, M (Vazquez, Miguel); Salgado, D (Salgado, David); Lu, ZY (Lu, Zhiyong); Leaman, R (Leaman, Robert); Lu, YA (Lu, Yanan); Ji, DH (Ji, Donghong); Lowe, DM (Lowe, Daniel M.); Sayle, RA (Sayle, Roger A.); Batista-Navarro, RT (Batista-Navarro, Riza Theresa); Rak, R (Rak, Rafal); Huber, T (Huber, Torsten); Rocktaschel, T (Rocktaschel, Tim); Matos, S (Matos, Serergio); Campos, D (Campos, David); Tang, BZ (Tang, Buzhou); Xu, H (Xu, Hua); Munkhdalai, T (Munkhdalai, Tsendsuren); Ryu, KH (Ryu, Keun Ho); Ramanan, SV (Ramanan, S. V.); Nathan, S (Nathan, Senthil); Zitnik, S (Zitnik, Slavko); Bajec, M (Bajec, Marko); Weber, L (Weber, Lutz); Irmer, M (Irmer, Matthias); Akhondi, SA (Akhondi, Saber A.); Kors, JA (Kors, Jan A.); Xu, S (Xu, Shuo); An, X (An, Xin); Sikdar, UK (Sikdar, Utpal Kumar); Ekbal, A (Ekbal, Asif); Yoshioka, M (Yoshioka, Masaharu); Dieb, TM (Dieb, Thae M.); Choi, M (Choi, Miji); Verspoor, K (Verspoor, Karin); Khabsa, M (Khabsa, Madian); Giles, CL (Giles, C. Lee); Liu, HF (Liu, Hongfang); Ravikumar, KE (Ravikumar, Komandur Elayavilli); Lamurias, A (Lamurias, Andre); Couto, FM (Couto, Francisco M.); Dai, HJ (Dai, Hong-Jie); Tsai, RTH (Tsai, Richard Tzong-Han); Ata, C (Ata, Caglar); Can, T (Can, Tolga); Usiee, A (Usiee, Anabel); Alves, R (Alves, Rui); Segura-Bedmar, I (Segura-Bedmar, Isabel); Martinez, P (Martinez, Paloma); Oyarzabal, J (Oyarzabal, Julen); Valencia, A (Valencia, Alfonso)	Journal of Cheminformatics	10.1186/1758-2946-7-S1-S2
The NeOn Methodology framework: A scenario-based methodology for ontology development	Suarez-Figueroa, MC (Carmen Suarez-Figueroa, Mari); Gomez-Perez, A (Gomez-Perez, Asuncion); Fernandez-Lopez, M (Fernandez-Lopez, Mariano)	Applied Ontology	10.3233/AO-150145

The Vallecas Project: a cohort to identify early markers and mechanisms of Alzheimer's disease	Olazaran, J (Olazaran, Javier); Valenti, M (Valenti, Meritxell); Frades, B (Frades, Belen); Zea-Sevilla, MA (Ascension Zea-Sevilla, Maria); Avila-Villanueva, M (Avila-Villanueva, Marina); Fernandez-Blazquez, MA (Angel Fernandez-Blazquez, Miguel); Calero, M (Calero, Miguel); Dobato, JL (Luis Dobato, Jose); Hernandez-Tamames, JA (Antonio Hernandez-Tamames, Juan); Leon-Salas, B (Leon-Salas, Beatriz); Aguera-Ortiz, L (Aguera-Ortiz, Luis); Lopez-Alvarez, J (Lopez-Alvarez, Jorge); Larranaga, P (Larranaga, Pedro); Bielza, C (Bielza, Concha); Alvarez-Linera, J (Alvarez-Linera, Juan); Martinez-Martin, P (Martinez-Martin, Pablo)	Frontiers in Aging Neuroscience	10.3389/fnagi.2015.00181
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Towards Gaussian Bayesian Network Fusion	Cordoba-Sanchez, I (Cordoba-Sanchez, Irene); Bielza, C (Bielza, Concha); Larranaga, P (Larranaga, Pedro)	SYMBOLIC AND QUANTITATIVE APPROACHES TO REASONING WITH UNCERTAINTY, ECSQRU 2015	10.1007/978-3-319-20807-7_47
Towards the taxonomic categorization and recognition of nanoparticle shapes	Munoz-Marmol, M (Munoz-Marmol, Miguel); Crespo, J (Crespo, Jose); Fritts, MJ (Fritts, Martin J.); Maojo, V (Maojo, Victor)	NANOMEDICINE-NANOTECHNOLOGY BIOLOGY AND MEDICINE	10.1016/j.nano.2014.07.006
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Using Open Geographic Data to Generate Natural Language Descriptions for Hydrological Sensor Networks	Molina, M (Molina, Martin); Sanchez-Soriano, J (Sanchez-Soriano, Javier); Corcho, O (Corcho, Oscar)	SENSORS	10.3390/s150716009
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Visual Bug Algorithm for Simultaneous Robot Homing and Obstacle Avoidance Using Visual Topological Maps in an Unmanned Ground Vehicle	Maravall, D (Maravall, Dario); de Lope, J (de Lope, Javier); Fuentes, JP (Pablo Fuentes, Juan)	BIOINSPIRED COMPUTATION IN ARTIFICIAL SYSTEMS, PT II	10.1007/978-3-319-18833-1_32
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Modelling Rules for Automating the Evented Web by Semantic Technologies	Coronado, M (Coronado, Miguel); Iglesias, CA (Iglesias, Carlos A.); Serrano, E (Serrano, Emilio)	Expert Systems With Applications	10.1016/j.eswa.2015.06.031

