

Artículo	Autores	Título de la revista	DOI
A Betting- and Lottery-Based Method for Fuzzy Probability Elicitation	Vicente, E (Vicente, E.) Mateos, A (Mateos, A.) Jimenez-Martin, A (Jimenez-Martin, A.)	INTERNATIONAL JOURNAL OF UNCERTAINTY FUZZINESS AND KNOWLEDGE-BASED SYSTEMS	10.1142/S0218488519500065
A circular-linear dependence measure under Johnson-Wehrly distributions and its application in Bayesian networks	Leguey, I (Leguey, Ignacio) Larranaga, P (Larranaga, Pedro) Bielza, C (Bielza, Concha) Kato, S (Kato, Shogo)	Information Sciences, Elsevier , 2019. BibTex	10.1016/j.ins.2019.01.080
A Comparative Analysis of Simulated Annealing and Variable Neighborhood Search in the ATCo Work-Shift Scheduling Problem	Tello, F (Tello, Faustino) Jimenez-Martin, A (Jimenez-Martin, Antonio) Mateos, A (Mateos, Alfonso) Lozano, P (Lozano, Pablo)	MATHEMATICS	10.3390/math7070636
A Directional-Linear Bayesian Network and Its Application for Clustering and Simulation of Neural Somas	Luengo-sanchez, S (Luengo-sanchez, Sergio) Larranaga, P (Larranaga, Pedro) Bielza, C (Bielza, Concha)	IEEE ACCESS	10.1109/ACCESS.2019.2918494
A Multi-agent Architecture for Mobile Sensing Systems	Laport, F (Laport, Francisco) Serrano, E (Serrano, Emilio) Bajo, J (Bajo, Javier)	Journal of Ambient Intelligence And Humanized Computing	10.1007/s12652-019-01608-4
A multi-criteria approach for assigning weights in voting systems	Gonzalez-Pachon, J (Gonzalez-Pachon, Jacinto) Diaz-Balteiro, L (Diaz-Balteiro, Luis) Romero, C (Romero, Carlos)	SOFT COMPUTING	10.1007/s00500-018-3453-x
A numerical analysis of allocation strategies for the multi-armed bandit problem under delayed rewards conditions in digital campaign management	Martin, M (Martin, Miguel) Jimenez-Martin, A (Jimenez-Martin, Antonio) Mateos, A (Mateos, Alfonso)	NEUROCOMPUTING	10.1016/j.neucom.2019.06.052
A Parallel Image Skeletonizing Method Using Spiking Neural P Systems with Weights	Song, T (Song, Tao) Pang, SC (Pang, Shanchen) Hao, SH (Hao, Shaohua) Rodriguez-Paton, A (Rodriguez-Paton, Alfonso) Zheng, P (Zheng, Pan)	NEURAL PROCESSING LETTERS	10.1007/s11063-018-9947-9
A Proposal for Recognizing Skills in Data Science Using Open Badges	Menasalvas, E (Menasalvas, Ernestina) Moreno, AM (Moreno, Ana M.) Swoboda, N (Swoboda, Nik)	PROCEEDINGS OF THE 2019 ACM CONFERENCE ON INNOVATION AND TECHNOLOGY IN COMPUTER SCIENCE EDUCATION (ITICSE '19)	10.1145/3304221.3325561
A quality assessment approach for evolving knowledge bases	Rashid, M (Rashid, Mohammad) Torchiano, M (Torchiano, Marco) Rizzo, G (Rizzo, Giuseppe) Mihindikulasooriya, N (Mihindikulasooriya, Nandana) Corcho, O (Corcho, Oscar)	SEMANTIC WEB	10.3233/SW-180324
A Real-Time Fire Detection Method from Video with Multifeature Fusion	Gong, FM (Gong, Faming) Li, CT (Li, Chuantao) Gong, WJ (Gong, Wenjuan) Li, X (Li, Xin) Yuan, XB (Yuan, Xiangbing) Ma, YH (Ma, Yuhui) Song, T (Song, Tao)	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	10.1155/2019/1939171
A Real-Time 3D Path Planning Solution for Collision-Free Navigation of Multirotor Aerial Robots in Dynamic Environments	Sanchez-Lopez, JL (Luis Sanchez-Lopez, Jose) Wang, M (Wang, Min) Olivares-Mendez, MA (Olivares-Mendez, Miguel A.) Molina, M (Molina, Martin) Voos, H (Voos, Holger)	JOURNAL OF INTELLIGENT & ROBOTIC SYSTEMS	10.1007/s10846-018-0809-5
A Review of Security Aspects in Vehicular Ad-Hoc Networks	Talavera, E (Talavera, Edgar) Alvarez, AD (Diaz Alvarez, Alberto) Naranjo, JE (Naranjo, Jose E.)	IEEE ACCESS	10.1109/ACCESS.2019.2907861
A Short Review of Some Aspects of Computational Neuroethology	Grana, M (Grana, Manuel) Asiain, JD (de Lope Asiain, Javier)	UNDERSTANDING THE BRAIN FUNCTION AND EMOTIONS, PT I	10.1007/978-3-030-19591-5_28

A Spectral Rotation Method with Triplet Periodicity Property for Planted Motif Finding Problems	Wang, X (Wang, Xun) Wang, SD (Wang, Shudong) Song, T (Song, Tao)	COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING	10.2174/1386207322666191129112433
Adherence to Mediterranean diet, body composition and physical fitness among Spanish adolescents	Daolio, E (Daolio, E.) Garcia-Zapico, A (Garcia-Zapico, A.) Calonge-Pascual, S (Calonge-Pascual, S.) Gomez-Parro, O (Gomez-Parro, O.) Martinez-Orga, V (Martinez-Orga, V.) Gonzalez-Gross, M (Gonzalez-Gross, M.) Gesteiro, E (Gesteiro, E.)	ANNALS OF NUTRITION AND METABOLISM	
An Abstract Framework for Non-Cooperative Multi-Agent Planning	Jordan, J (Jordan, Jaume) Bajo, J (Bajo, Javier) Botti, V (Botti, Vicent) Julian, V (Julian, Vicente)	APPLIED SCIENCES-BASEL	10.3390/app9235180
An artificial intelligent diagnostic system on mobile Android terminals for cholelithiasis by lightweight convolutional neural network	Pang, SC (Pang, Shanchen) Wang, S (Wang, Shuo) Rodriguez-Paton, A (Rodriguez-Paton, Alfonso) Li, PB (Li, Pibao) Wang, X (Wang, Xun)	PLOS ONE	10.1371/journal.pone.0221720
An execution control method for the Aerostack aerial robotics framework	Molina, M (Molina, Martin) Camporredondo, A (Camporredondo, Alberto) Bavle, H (Bavle, Hriday)	FRONTIERS OF INFORMATION TECHNOLOGY & ELECTRONIC ENGINEERING	10.1631/FITEE.1800552
An Improved Convolutional Network Architecture Based on Residual Modeling for Person Re-Identification in Edge Computing	Pang, SC (Pang, Shanchen) Qiao, SB (Qiao, Sibao) Song, T (Song, Tao) Zhao, JL (Zhao, Jianli) Zheng, P (Zheng, Pan)	IEEE ACCESS	10.1109/ACCESS.2019.2933364
Are you a Good Driver? A Data-driven Approach to Estimate Driving Style	Feraud, IS (Silva Feraud, Ivan) Naranjo, JE (Eugenio Naranjo, Jose)	PROCEEDINGS OF THE 11TH INTERNATIONAL CONFERENCE ON COMPUTER MODELING AND SIMULATION (ICCMS 2019) AND 8TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING AND APPLICATIONS (ICICA 2019)	10.1145/3307363.3307375
Automatic Music Generation by Deep Learning	Garcia, JC (Carlos Garcia, Juan) Serrano, E (Serrano, Emilio)	DISTRIBUTED COMPUTING AND ARTIFICIAL INTELLIGENCE	10.1007/978-3-319-94649-8_34
Automating ontology engineering support activities with OnToology	Alobaid, A (Alobaid, Ahmad) Garijo, D (Garijo, Daniel) Poveda-Villalon, M (Poveda-Villalon, Maria) Santana-Perez, I (Santana-Perez, Idafen) Fernandez-Izquierdo, A (Fernandez-Izquierdo, Alba) Corcho, O (Corcho, Oscar)	JOURNAL OF WEB SEMANTICS	10.1016/j.websem.2018.09.003
Best practices for publishing, retrieving, and using spatial data on the web	van den Brink, L (van den Brink, Linda) Barnaghi, P (Barnaghi, Payam) Tandy, J (Tandy, Jeremy) Atemezing, G (Atemezing, Ghislain) Atkinson, R (Atkinson, Rob) Cochrane, B (Cochrane, Byron) Fathy, Y (Fathy, Yasmin) Castro, RG (Garcia Castro, Raul) Haller, A (Haller, Armin) Harth, A (Harth, Andreas) Janowicz, K (Janowicz, Krzysztof) Kolozali, S (Kolozali, Sefki) van Leeuwen, B (van Leeuwen, Bart) Lefrancois, M (Lefrancois, Maxime) Lieberman, J (Lieberman, Josh) Perego, A (Perego, Andrea) Le-Phuoc, D (Le-Phuoc, Danh) Roberts, B (Roberts, Bill) Taylor, K (Taylor, Kerry) Troncy, R (Troncy, Raphael)	SEMANTIC WEB	10.3233/SW-180305

Boosting Object Detection in Cyberphysical Systems	Buenaposada, JM (Buenaposada, Jose M.) Baumela, L (Baumela, Luis)	UNDERSTANDING THE BRAIN FUNCTION AND EMOTIONS, PT I	10.1007/978-3-030-19591-5_32
Cascade of encoder-decoder CNNs with learned coordinates regressor for robust facial landmarks detection	Valle, R (Valle, Roberto) Buenaposada, JM (Buenaposada, Jose M.) Baumela, L (Baumela, Luis)	Pattern Recognition Letters	10.1016/j.patrec.2019.10.012
Characterization of Industry 4.0 Lean Management Problem-Solving Behavioral Patterns Using EEG Sensors and Deep Learning	Villalba-Diez, J (Villalba-Diez, Javier) Zheng, XC (Zheng, Xiaochen) Schmidt, D (Schmidt, Daniel) Molina, M (Molina, Martin)	SENSORS	10.3390/s19132841
Circular Bayesian classifiers using wrapped Cauchy distributions	Leguey, I (Leguey, Ignacio) Bielza, C (Bielza, Concha) Larranaga, P (Larranaga, Pedro)	DATA & KNOWLEDGE ENGINEERING	10.1016/j.datak.2019.05.005
Classification of GABAergic interneurons by leading neuroscientists	Mihaljevic, B (Mihaljevic, Bojan) Benavides-Piccione, R (Benavides-Piccione, Ruth) Bielza, C (Bielza, Concha) Larranaga, P (Larranaga, Pedro) DeFelipe, J (DeFelipe, Javier)	SCIENTIFIC DATA	10.1038/s41597-019-0246-8
Completeness and consistency analysis for evolving knowledge bases	Rashid, MRA (Rashid, Mohammad Rifat Ahmmad) Rizzo, G (Rizzo, Giuseppe) Torchiano, M (Torchiano, Marco) Mihindikulasooriya, N (Mihindikulasooriya, Nandana) Corcho, O (Corcho, Oscar) Garcia-Castro, R (Garcia-Castro, Raul)	JOURNAL OF WEB SEMANTICS	10.1016/j.websem.2018.11.004
Computational methods for identifying the critical nodes in biological networks	Liu, XR (Liu, Xiangrong) Hong, ZY (Hong, Zengyan) Liu, J (Liu, Juan) Lin, Y (Lin, Yuan) Rodriguez-Paton, A (Rodriguez-Paton, Alfonso) Zou, Q (Zou, Quan) Zeng, XX (Zeng, Xiangxiang)	Briefings in Bioinformatics	10.1093/bib/bbz011
Context aware ontology-based hybrid intelligent framework	Sarwar, S (Sarwar, Sohail) Zia, S (Zia, Saad) ul Qayyum, Z (ul Qayyum, Zia) Iqbal, M (Iqbal, Muddesar) Safyan, M (Safyan, Muhammad) Mumtaz, S (Mumtaz, Shahid) Garcia-Castro, R (Garcia-Castro, Raul) Kostromitin, K (Kostromitin, Konstantin)	Transactions on Emerging Telecommunications Technologies	10.1002/ett.3729
CORAL: A Corpus of Ontological Requirements Annotated with Lexico-Syntactic Patterns	Fernandez-Izquierdo, A (Fernandez-Izquierdo, Alba) Poveda-Villalon, M (Poveda-Villalon, Maria) Garcia-Castro, R (Garcia-Castro, Raul) Edited by Hitzler, P (Hitzler, P) Fernandez, M (Fernandez, M) Janowicz, K (Janowicz, K) Zaveri, A (Zaveri, A) Gray, AJG (Gray, AJG) Lopez V (Lopez, V) Haller, A (Haller, A) Hammar, K (Hammar, K)	SEMANTIC WEB, ESWC 2019	10.1007/978-3-030-21348-0_29
Decision-Making in Forestry: A Review of the Hybridisation of Multiple Criteria and Group Decision-Making Methods	Ortiz-Urbina, E (Ortiz-Urbina, Esther) Gonzalez-Pachon, J (Gonzalez-Pachon, Jacinto) Diaz-Balteiro, L (Diaz-Balteiro, Luis)	FORESTS	10.3390/f10050375
Deep collaborative filtering for prediction of disease genes	Zeng, XX (Zeng, Xiangxiang) Lin, YL (Lin, Yinglai) He, YY (He, Yuying) Lu, LY (Lu, Linyuan) Min, XP (Min, Xiaoping) Rodriguez-Paton, A (Rodriguez-Paton, Alfonso)	IEEE/Acm Transactions on Computational Biology And Bioinformatics	10.1109/TCBB.2019.2907536
Deep Learning Prediction of Gait Based on Inertial Measurements	Romero-Hernandez, P (Romero-Hernandez, Pedro) Asiain, JD (de Lope Asiain, Javier) Grana, M (Grana, Manuel)	UNDERSTANDING THE BRAIN FUNCTION AND EMOTIONS, PT I	10.1007/978-3-030-19591-5_29

Deep neural network architectures for social services diagnosis in smart cities	Serrano, E (Serrano, Emilio) Bajo, J (Bajo, Javier)	FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE	10.1016/j.future.2019.05.034
Deliberative and Epistemic Approaches to Democracy	Poblet, M (Poblet, Marta) Casanovas, P (Casanovas, Pompeu) Rodriguez-Doncel, V (Rodriguez-Doncel, Victor)	LINKED DEMOCRACY: FOUNDATIONS, TOOLS, AND APPLICATIONS	10.1007/978-3-030-13363-4_2
Double Layers Self-Organized Spiking Neural P Systems With Anti-Spikes for Fingerprint Recognition	Ma, TM (Ma, Tongmao) Hao, SH (Hao, Shaohua) Wang, X (Wang, Xun) Rodriguez-Paton, A (Rodriguez-Paton, Alfonso) Wang, SD (Wang, Shudong) Song, T (Song, Tao)	IEEE ACCESS	10.1109/ACCESS.2019.2958895
Dynamical Task Switching in Cellular Computers	Goni-Moreno, A (Goni-Moreno, Angel) de la Cruz, F (de la Cruz, Fernando) Rodriguez-Paton, A (Rodriguez-Paton, Alfonso) Amos, M (Amos, Martyn)	LIFE-BASEL	10.3390/life9010014
Engineered toxin-intein antimicrobials can selectively target and kill antibiotic-resistant bacteria in mixed populations	Lopez-Igual, R (Lopez-Igual, Rocio) Bernal-Bayard, J (Bernal-Bayard, Joaquin) Rodriguez-Paton, A (Rodriguez-Paton, Alfonso) Ghigo, JM (Ghigo, Jean-Marc) Mazel, D (Mazel, Didier)	NATURE BIOTECHNOLOGY	10.1038/s41587-019-0105-3
Enhancing energy management at district and building levels via an EM-KPI ontology	Li, YH (Li, Yehong) Garcia-Castro, R (Garcia-Castro, Raul) Mihindu	AUTOMATION IN CONSTRUCTION	10.1016/j.autcon.2018.12.010
Evaluating the impact of semantic technologies on bibliographic systems: A user-centred and comparative approach	Rico, M (Rico, Mariano) Vila-Suero, D (Vila-Suero, Daniel) Botezan, I (Botezan, Iuliana) Gomez-Perez, A (Gomez-Perez, Asuncion)	JOURNAL OF WEB SEMANTICS	10.1016/j.websem.2019.03.001
Extension of the BiDO Ontology to Represent Scientific Production	Tapia-Leon, M (Tapia-Leon, Mariela) Santana-Perez, I (Santana-Perez, Idafen) Poveda-Villalon, M (Poveda-Villalon, Maria) Espinoza-Arias, P (Espinoza-Arias, Paola) Chicaiza, J (Chicaiza, Janneth) Corcho, O (Corcho, Oscar)	PROCEEDINGS OF 2019 8TH INTERNATIONAL CONFERENCE ON EDUCATIONAL AND INFORMATION TECHNOLOGY (ICEIT 2019)	10.1145/3318396.3318422
Face alignment using a 3D deeply-initialized ensemble of regression trees	Valle, R (Valle, Roberto) Buenaposada, JM (Buenaposada, Jose M.) Valdes, A (Valdes, Antonio) Baumela, L (Baumela, Luis)	Computer Vision And Image Understanding	10.1016/j.cviu.2019.10.02846
Forgetting auxiliary atoms in forks	Aguado, F (Aguado, Felicidad) Cabalar, P (Cabalar, Pedro) Fandinno, J (Fandinno, Jorge) Pearce, D (Pearce, David) Perez, G (Perez, Gilberto) Vidal, C (Vidal, Concepcion)	ARTIFICIAL INTELLIGENCE	10.1016/j.artint.2019.07.005
Fusion of Inertial Motion Sensors and Electroencephalogram for Activity Detection	Araquistain, IB (Baglietto Araquistain, Ibai) Garmendia, X (Garmendia, Xabier) Grana, M (Grana, Manuel) Asiain, JD (Asiain, Javier de Lope)	UNDERSTANDING THE BRAIN FUNCTION AND EMOTIONS, PT I	10.1007/978-3-030-19591-5_33
Fuzzy Controller Inference via Gradient Descent to Model the Longitudinal Behavior on Real Drivers	Diaz-Alvarez, A (Diaz-Alvarez, Alberto) Serradilla-Garcia, F (Serradilla-Garcia, Francisco) Jimenez-Alonso, F (Jimenez-Alonso, Felipe) Talavera-Munoz, E (Talavera-Munoz, Edgar) Olaverri-Monreal, C (Olaverri-Monreal, Cristina)	2019 30TH IEEE INTELLIGENT VEHICLES SYMPOSIUM (IV19)	
How to Validate Ontologies with Themis	Fernandez-Izquierdo, A (Fernandez-Izquierdo, Alba) Garcia-Castro, R (Garcia-Castro, Raul)	SEMANTIC WEB: ESWC 2019 SATELLITE EVENTS	10.1007/978-3-030-32327-1_11

Hybrid UV-C/microfiltration process in membrane photoreactor for wastewater disinfection	Rodriguez-Chueca, J (Rodriguez-Chueca, Jorge) Mesones, S (Mesones, Sandra) Marugan, J (Marugan, Javier)	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	10.1007/s11356-018-3262-x
ICD-10-CM extension with ICD-9 diagnosis codes to support integrated access to clinical legacy data	Hernandez-Ibarburu, G (Hernandez-Ibarburu, G.) Perez-Rey, D (Perez-Rey, D.) Alonso-Oset, E (Alonso-Oset, E.) Alonso-Calvo, R (Alonso-Calvo, R.) de Schepper, K (de Schepper, K.) Meloni, L (Meloni, L.) Claerhout, B (Claerhout, B.)	INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS	10.1016/j.ijmedinf.2019.06.010
ICD-10-PCS extension with ICD-9 procedure codes to support integrated access to clinical legacy data	Hernandez-Ibarburu, G (Hernandez-Ibarburu, G.) Perez-Rey, D (Perez-Rey, D.) Alonso-Oset, E (Alonso-Oset, E.) Alonso-Calvo, R (Alonso-Calvo, R.) Voets, D (Voets, D.) Mueller, C (Mueller, C.) Claerhout, B (Claerhout, B.) Custodix, NV (Custodix, N. V.)	INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS	10.1016/j.ijmedinf.2018.11.002
Introduction to the Special Issue "Artificial Intelligence Knowledge Representation"	Di Maio, P (Di Maio, Paola) Suarez-Figueroa, MC (Carmen Suarez-Figueroa, Mari)	SYSTEMS	10.3390/systems7030035
Learning tractable Bayesian networks in the space of elimination orders	Benjumedra, M (Benjumedra, Marco) Bielza, C (Bielza, Concha) Larranaga, P (Larranaga, Pedro)	ARTIFICIAL INTELLIGENCE	10.1016/j.artint.2018.11.007
Legal Linked Data Ecosystems and the Rule of Law	Poblet, M (Poblet, Marta) Casanovas, P (Casanovas, Pompeu) Rodriguez-Doncel, V (Rodriguez-Doncel, Victor)	LINKED DEMOCRACY: FOUNDATIONS, TOOLS, AND APPLICATIONS	10.1007/978-3-030-13363-4_5
Linked Democracy Foundations, Tools, and Applications Conclusion	Poblet, M (Poblet, Marta) Casanovas, P (Casanovas, Pompeu) Rodriguez-Doncel, V (Rodriguez-Doncel, Victor)	LINKED DEMOCRACY: FOUNDATIONS, TOOLS, AND APPLICATIONS	10.1007/978-3-030-13363-4_6
Linked Democracy Foundations, Tools, and Applications Introduction to Linked Data	Poblet, M (Poblet, Marta) Casanovas, P (Casanovas, Pompeu) Rodriguez-Doncel, V (Rodriguez-Doncel, Victor)	LINKED DEMOCRACY: FOUNDATIONS, TOOLS, AND APPLICATIONS	10.1007/978-3-030-13363-4_1
Linked Democracy Foundations, Tools, and Applications Preface	Poblet, M (Poblet, Marta) Casanovas, P (Casanovas, Pompeu) Rodriguez-Doncel, V (Rodriguez-Doncel, Victor)	LINKED DEMOCRACY: FOUNDATIONS, TOOLS, AND APPLICATIONS	
Machine Learning in Biomedical Informatics	Fernandez-Lozano, C (Fernandez-Lozano, Carlos) Carballal, A (Carballal, Adrian) Munteanu, CR (Munteanu, Cristian R.) Gestal, M (Gestal, Marcos) Maojo, V (Maojo, Victor) Pazos, A (Pazos, Alejandro)	ENCYCLOPEDIA OF BIOMEDICAL ENGINEERING, VOL 3	10.1016/B978-0-12-801238-3.10876-1
Meta-Path Methods for Prioritizing Candidate Disease miRNAs	Zhang, X (Zhang, Xuan) Zou, Q (Zou, Quan) Rodriguez-Paton, A (Rodriguez-Paton, Alfonso) Zeng, XX (Zeng, Xiangxiang)	IEEE-ACM TRANSACTIONS ON COMPUTATIONAL BIOLOGY AND BIOINFORMATICS	10.1109/TCBB.2017.2776280
Multilayered Linked Democracy	Poblet, M (Poblet, Marta) Casanovas, P (Casanovas, Pompeu) Rodriguez-Doncel, V (Rodriguez-Doncel, Victor)	LINKED DEMOCRACY: FOUNDATIONS, TOOLS, AND APPLICATIONS	10.1007/978-3-030-13363-4_3
Ontological Representation of Smart City Data: From Devices to Cities	Espinoza-Arias, P (Espinoza-Arias, Paola) Poveda-Villalon, M (Poveda-Villalon, Maria) Garcia-Castro, R (Garcia-Castro, Raul) Corcho, O (Corcho, Oscar)	APPLIED SCIENCES-BASEL	10.3390/app9010032
Ontology based E-learning framework: A personalized, adaptive and context aware model	Sarwar, S (Sarwar, Sohail) Ul Qayyum, Z (Ul Qayyum, Zia) Garcia-Castro, R (Garcia-Castro, Raul) Safyan, M (Safyan, Muhammad) Munir, RF (Munir, Rana Faisal)	MULTIMEDIA TOOLS AND APPLICATIONS	10.1007/s11042-019-08125-8

Ontology evolution for personalised and adaptive activity recognition	Safyan, M (Safyan, Muhammad) UI Qayyum, Z (UI Qayyum, Zia) Sarwar, S (Sarwar, Sohail) Iqbal, M (Iqbal, Muddesar) Castro, RG (Castro, Raul Garcia) Al-Dulaimi, A (Al-Dulaimi, Anwer)	IET WIRELESS SENSOR SYSTEMS	10.1049/iet-wss.2018.5209
Ontology-driven semantic unified modelling for concurrent activity recognition (OSCAR)	Safyan, M (Safyan, Muhammad) UI Qayyum, Z (UI Qayyum, Zia) Sarwar, S (Sarwar, Sohail) Garcia-Castro, R (Garcia-Castro, Raul) Ahmed, M (Ahmed, Mehtab)	MULTIMEDIA TOOLS AND APPLICATIONS	10.1007/s11042-018-6318-5
Participation of women in doctorate, research, innovation, and management activities at Universidad Politecnica de Madrid: analysis of the decade 2006-2016	Hernandez-Martin, E (Hernandez-Martin, Estela) Calle, F (Calle, Fernando) Duenas, JC (Duenas, Juan C.) Holgado, M (Holgado, Miguel) Gomez-Perez, A (Gomez-Perez, Asuncion)	SCIENTOMETRICS	10.1007/s11192-019-03179-9
Potentially inappropriate medications in older adults with HIV in the region of Madrid, Spain	Lopez-Centeno, B (Lopez-Centeno, B.) Badenes-Olmedo, C (Badenes-Olmedo, C.) Mataix-Sanjuan, A (Mataix-Sanjuan, A.) Bellon-Cano, JM (Bellon-Cano, J. M.) Perez-Latorre, L (Perez-Latorre, L.) Lopez, JC (Lopez, J. C.) Benedi, J (Benedi, J.) Khoo, S (Khoo, S.) Marzolini, C (Marzolini, C.) Calvo-Alcantara, M (Calvo-Alcantara, M. J.) Berenguer, J (Berenguer, J.)	HIV MEDICINE	
Prediction and Decision-Making in Intelligent Environments Supported by Knowledge Graphs, A Systematic Review	Amador-Dominguez, E (Amador-Dominguez, Elvira) Serrano, E (Serrano, Emilio) Manrique, D (Manrique, Daniel) De Paz, JF (De Paz, Juan F.)	Sensors	10.3390/s19081774
Random Forests for Regression as a Weighted Sum of k-Potential Nearest Neighbors	Fernandez-Gonzalez, P (Fernandez-Gonzalez, Pablo) Bielza, C (Bielza, Concepcion) Larranaga, P (Larranaga, Pedro)	IEEE ACCESS	10.1109/ACCESS.2019.2900755
Recognizing Cognitive Activities Through Eye Tracking	Moraleda, S (Moraleda, Sara) Asiain, JD (de Lope Asiain, Javier) Grana, M (Grana, Manuel)	UNDERSTANDING THE BRAIN FUNCTION AND EMOTIONS, PT I	10.1007/978-3-030-19591-5_30
Reducing Unnecessary Alerts in Pedestrian Protection Systems Based on P2V Communications	Soto, I (Soto, Ignacio) Jimenez, F (Jimenez, Felipe) Calderon, M (Calderon, Maria) Naranjo, JE (Naranjo, Jose E.) Anaya, JJ (Anaya, Jose J.)	Electronics	10.3390/electronics8030360
Revisiting Explicit Negation in Answer Set Programming	Aguado, F (Aguado, Felicidad) Cabalar, P (Cabalar, Pedro) Fandinno, J (Fandinno, Jorge) Pearce, D (Pearce, David) Perez, G (Perez, Gilberto) Vidal, C (Vidal, Concepcion)	THEORY AND PRACTICE OF LOGIC PROGRAMMING	10.1017/S1471068419000267
SAD Generator: Eating Our Own Dog Food to Generate KGs and Websites for Academic Events	Heyvaert, P (Heyvaert, Pieter) Chaves-Fraga, D (Chaves-Fraga, David) Priyatna, F (Priyatna, Freddy) Sequeda, J (Sequeda, Juan) Dimou, A (Dimou, Anastasia)	SEMANTIC WEB: ESWC 2019 SATELLITE EVENTS	10.1007/978-3-030-32327-1_19
Scalable Cross-lingual Document Similarity through Language-specific Concept Hierarchies	Badenes-Olmedo, C (Badenes-Olmedo, Carlos) Redondo-Garcia, JL (Redondo-Garcia, Jose Luis) Corcho, O (Corcho, Oscar)	PROCEEDINGS OF THE 10TH INTERNATIONAL CONFERENCE ON KNOWLEDGE CAPTURE (K-CAP '19)	10.1145/3360901.3364444
Semantic analysis and lexical implementation functions	Boguslavsky, I (Boguslavsky, Igor)	SCANDO-SLAVICA	10.1080/00806765.2019.1586575
Social Intelligence	Herzig, A (Herzig, Andreas) Lorini, E (Lorini, Emiliano) Pearce, D (Pearce, David)	AI & SOCIETY	10.1007/s00146-017-0782-8

Social Services Diagnosis by Deep Learning	Serrano, E (Serrano, Emilio) del Pozo-Jimenez, P (del Pozo-Jimenez, Pedro)	DISTRIBUTED COMPUTING AND ARTIFICIAL INTELLIGENCE	10.1007/978-3-319-94649-8_38
Spanish Corpora for Sentiment Analysis: a Survey	Navas-Loro, M (Navas-Loro, Maria) Rodriguez-Doncel, V (Rodriguez-Doncel, Victor)	Language Resources And Evaluation	10.1007/s10579-019-09470-8
Spiking Neural P Systems With Learning Functions	Song, T (Song, Tao) Pan, LQ (Pan, Linqiang) Wu, TF (Wu, Tingfang) Zheng, P (Zheng, Pan) Wong, MLD (Wong, M. L. Dennis) Rodriguez-Paton, A (Rodriguez-Paton, Alfonso)	IEEE TRANSACTIONS ON NANOBIOSCIENCE	10.1109/TNB.2019.2896981
Survey of agent-based cloud computing applications	De la Prieta, F (De la Prieta, Fernando) Rodriguez-Gonzalez, S (Rodriguez-Gonzalez, Sara) Chamoso, P (Chamoso, Pablo) Corchado, JM (Manuel Corchado, Juan) Bajo, J (Bajo, Javier)	FUTURE GENERATION COMPUTER SYSTEMS-THE INTERNATIONAL JOURNAL OF ESCIENCE	10.1016/j.future.2019.04.037
Taxi dispatching strategies with compensations	Billhardt, H (Billhardt, Holger) Fernandez, A (Fernandez, Alberto) Ossowski, S (Ossowski, Sascha) Palanca, J (Palanca, Javier) Bajo, J (Bajo, Javier)	Expert Systems With Applications	10.1016/j.eswa.2019.01.001
TempCourt: evaluation of temporal taggers on a new corpus of court decisions	Navas-Loro, M (Navas-Loro, Maria) Filtz, E (Filtz, Erwin) Rodriguez-Doncel, V (Rodriguez-Doncel, Victor) Polleres, A (Polleres, Axel) Kirrane, S (Kirrane, Sabrina)	KNOWLEDGE ENGINEERING REVIEW	10.1017/S0269888919000195
The modular SSN ontology: A joint W3C and OGC standard specifying the semantics of sensors, observations, sampling, and actuation	Haller, A (Haller, Armin) Janowicz, K (Janowicz, Krzysztof) Cox, SJD (Cox, Simon J. D.) Lefrancois, M (Lefrancois, Maxime) Taylor, K (Taylor, Kerry) Phuoc, DL (Danh Le Phuoc) Lieberman, J (Lieberman, Joshua) Garcia-Castro, R (Garcia-Castro, Raul) Atkinson, R (Atkinson, Rob) Stadler, C (Stadler, Claus)	SEMANTIC WEB	10.3233/SW-180320
The Multi-Armed Bandit Problem under Delayed Rewards Conditions in Digital Campaign Management	Martin, M (Martin, M.) Jimenez-Martin, A (Jimenez-Martin, A.) Mateos, A (Mateos, A.)	2019 6TH INTERNATIONAL CONFERENCE ON CONTROL, DECISION AND INFORMATION TECHNOLOGIES (CODIT 2019)	
Toward proactive social inclusion powered by machine learning	Serrano, E (Serrano, Emilio) Suarez-Figueroa, MC (Carmen Suarez-Figueroa, Mari) Gonzalez-Pachon, J (Gonzalez-Pachon, Jacinto) Gomez-Perez, A (Gomez-Perez, Asuncion)	KNOWLEDGE AND INFORMATION SYSTEMS	10.1007/s10115-018-1230-x
Towards a Linked Democracy Model	Poblet, M (Poblet, Marta) Casanovas, P (Casanovas, Pompeu) Rodriguez-Doncel, V (Rodriguez-Doncel, Victor)	LINKED DEMOCRACY: FOUNDATIONS, TOOLS, AND APPLICATIONS	10.1007/978-3-030-13363-4_4
Tractable learning of Bayesian networks from partially observed data	Benjumbeda, M (Benjumbeda, Marco) Luengo-Sanchez, S (Luengo-Sanchez, Sergio) Larranaga, P (Larranaga, Pedro) Bielza, C (Bielza, Concha)	Pattern Recognition	10.1016/j.patcog.2019.02.025
Translational Bioinformatics: Informatics, Medicine, and -Omics	Paraiso-Medina, S (Paraiso-Medina, Sergio) Perez-Rey, D (Perez-Rey, David) Alonso-Calvo, R (Alonso-Calvo, Raul) Munteanu, CR (Munteanu, Cristian R.) Pazos, A (Pazos, Alejandro) Kulikowski, CA (Kulikowski, Casimir A.) Maojo, V (Maojo, Victor)	ENCYCLOPEDIA OF BIOMEDICAL ENGINEERING, VOL 3	10.1016/B978-0-12-801238-3.10879-7
U-Next: A Novel Convolution Neural Network With an Aggregation U-Net Architecture for Gallstone Segmentation in CT Images	Song, T (Song, Tao) Meng, F (Meng, Fan) Rodriguez-Paton, A (Rodriguez-Paton, Alfonso) Li, PB (Li, Pibao) Zheng, P (Zheng, Pan) Wang, X (Wang, Xun)	IEEE ACCESS	10.1109/ACCESS.2019.2953934

Using LOT methodology to develop a noise pollution ontology: a Spanish use case	Espinoza-Arias, P (Espinoza-Arias, Paola) Poveda-Villaln, M (Poveda-Villalon, Maria) Corcho, O (Corcho, Oscar)	Journal of Ambient Intelligence And Humanized Computing	10.1007/s12652-019-01561-2
Validation of an Assistance System for Merging Maneuvers in Highways in Real Driving Conditions	Sanchez-Mateo, S (Sanchez-Mateo, S.) Perez-Moreno, E (Perez-Moreno, E.) Jimenez, F (Jimenez, F.) Serradilla, F (Serradilla, F.) Ruiz, AC (Cruz Ruiz, A.) Tamayo, SD (de la Fuente Tamayo, S.)	SCIENCE & TECHNIQUE	10.21122/2227-1031-7448-2019-18-6-525-531
VICINITY: IoT Semantic Interoperability based on the Web of Things	Cimmino, A (Cimmino, Andrea) Oravec, V (Oravec, Viktor) Serena, F (Serena, Fernando) Kostelnik, P (Kostelnik, Peter) Poveda-Villalon, M (Poveda-Villalon, Maria) Tryferidis, A (Tryferidis, Athanasios) Garcia-Castro, R (Garcia-Castro, Raul) Vanya, S (Vanya, Stefan) Tzovaras, D (Tzovaras, Dimitrios) Grimm, C (Grimm, Christoph)	2019 15TH INTERNATIONAL CONFERENCE ON DISTRIBUTED COMPUTING IN SENSOR SYSTEMS (DCOSS)	10.1109/DCOSS.2019.00061
Wealth's distribution: Pareto deconstructed and gibrat reconstructed	Garcia, IG (Gonzalez Garcia, Ignacio) Caballero, AM (Mateos Caballero, Alfonso)	ESTUDIOS DE ECONOMIA APLICADA	
What Are the Parameters that Affect the Construction of a Knowledge Graph?	Chaves-Fraga, D (Chaves-Fraga, David) Endris, KM (Endris, Kemele M.) Iglesias, E (Iglesias, Enrique) Corcho, O (Corcho, Oscar) Vidal, ME (Vidal, Maria-Esther)	ON THE MOVE TO MEANINGFUL INTERNET SYSTEMS: OTM 2019 CONFERENCES	10.1007/978-3-030-33246-4_43
Why are ontologies not reused across the same domain?	Fernandez-Lopez, M (Fernandez-Lopez, Mariano) Poveda-Villalon, M (Poveda-Villalon, Maria) Suarez-Figueroa, MC (Carmen Suarez-Figueroa, Mari) Gomez-Perez, A (Gomez-Perez, Asuncion)	JOURNAL OF WEB SEMANTICS	10.1016/j.websem.2018.12.010