

PUBLICACIONES DEL PROFESORADO

EQUIPO 1 – Knowledge Reuse and Interactive Systems

1. Tajadura-Jiménez, A., Newbold, A., Zhang, L., Rick, P., Bianchi-Berthouze, N. As Light as You Aspire to Be: Changing Body Perception with Sound to Support Physical Activity. In 2019 CHI Conference on Human Factors in Computing Systems Proceedings (CHI 2019), May 4–9, 2019, Glasgow, Scotland, UK. ACM, New York, NY, USA. DOI: 10.1145/3290605.3300888
2. Eito-Brun, Ricardo ; Amescua-Seco, Antonio. Automation of Quality Reports in the Aerospace Industry. ISSN: 0361-1434 ; E-ISSN: 1558-1500 ; DOI: 10.1109/TPC.2017.2788678 IEEE Transactions on Professional Communication, 2018, Vol.61(2), pp.166-177
3. Génova, G., & Quintanilla Navarro, I. (2018). Discovering the Principle of Finality in Computational Machines. Foundations of Science, 23(4), 779-794.
4. Yang, Lp; Maceachren, Am ; Mitra, P ; Onorati, T. Visually-Enabled Active Deep Learning for (Geo) Text and Image Classification: A Review. ISSN: 2220-9964 ; DOI: 10.3390/ijgi7020065 Isprs International Journal Of Geo-Information, 2018 Feb, Vol.7(2).
5. Sanchez-Segura, Mi; Dugarte-Pena, G; Medina-Dominguez, F; de Jesus, CG. System dynamics and agent-based modelling to represent intangible process assets characterization. ISSN: 0368-492X ; DOI: 10.1108/K-03-2017-0102 Kybernetes, 2018, Vol.47(2), pp.289-306
6. Javier García Guzmán ; Lisardo Prieto González ; Jonatan Pajares Redondo ; Mat Max Montalvo Martínez ; María Jesús L. Boada. Real-Time Vehicle Roll Angle Estimation Based on Neural Networks in IoT Low-Cost Devices. Sensors. 2018. Vol.18(7), p.2188
7. Sanchez-Segura, M., Hadzikadic, M., Dugarte-Peña, G., & Medina-Dominguez, F. (2018). Team Formation Using a Systems Thinking Approach. Systems Research and Behavioral Science, 35(4), 369-385.
8. Garcia Guzman, Javier ; Prieto Gonzalez, Lisardo ; Pajares Redondo, Jonatan ; Sanz Sanchez, Susana ; Boada, Beatriz L. Design of Low-Cost Vehicle Roll Angle Estimator Based on Kalman Filters and an IoT Architecture. Sensors (14248220), 2018, Vol.18 (6), p.1800-1801
9. Fraga, Anabel ; Llorens, Juan ; Génova, Gonzalo. Towards a Methodology for Knowledge Reuse Based on Semantic Repositories. ISSN: 13873326 ; DOI: 10.1007/s10796-018-9862-7 Information Systems Frontiers, Jun 2018, pp.1-21
10. Sanchez-Segura, Maria-Isabel ; Ruiz-Robles, Alejandro ; Medina-Dominguez, Fuensanta ; Dugarte-Peña, German-Lenin. Strategic characterization of process assets based on asset quality and business impact. ISSN: 0263-5577 ; E-ISSN: 1758-5783 ; DOI: 10.1108/IMDS-10-2016-0422 Industrial Management & Data Systems, 11 September 2017, Vol.117(8), pp.1720-1737
11. Sanchez-Segura, Maria-Isabel ; Dugarte-Peña, German-Lenin ; Medina-Dominguez, Fuensanta ; Ruiz-Robles, Alejandro. A model of biomimetic process assets to simulate their impact on strategic goals. ISSN: 1387-3326 ; E-ISSN: 1572-9419 ; DOI: 10.1007/s10796-016-9702-6 Information Systems Frontiers, 2017, Vol.19(5), pp.1067-1084
12. Montero, A., Zorraonandia, T., Diaz, P., & Aedo, I. (2017). Designing and implementing interactive and realistic augmented reality experiences. Universal Access in the Information Society, 1-13.
13. Zorraonandia, T.; Diaz, P.; Aedo, I. Using combinatorial creativity to support end-user design of digital games. Springer Nature ISSN: 13807501 DOI:

- 10.1007/s11042-016-3457-4 Multimedia Tools & Applications, 2017, Vol.76 (6), p.9073-9099.
14. Andrea Bellucci ; Ignacio Aedo ; Paloma Díaz. ECCE Toolkit: Prototyping Sensor-Based Interaction. E-ISSN: 1424-8220 ; DOI: 10.3390/s17030438. Sensors, 01 February 2017, Vol.17(3), p.438
 15. de La Vara, Jose Luis ; Génova, Gonzalo ; Álvarez-Rodríguez, Jose María ; Llorens, Juan. An analysis of safety evidence management with the Structured Assurance Case Metamodel. ISSN: 0920-5489 ; DOI: 10.1016/j.csi.2016.10.002. Computer Standards & Interfaces, February 2017, Vol.50, pp.179-198
 16. Sanchez-Gordon, Mary-Luz ; de Amescua, Antonio ; O'connor, Rory V. ; Larrucea, Xabier. A standard-based framework to integrate software work in small settings. ISSN: 0920-5489 ; DOI: 10.1016/j.csi.2016.11.009 Computer Standards & Interfaces, November 2017, Vol.54, pp.162-175
 17. Eito-Brun, Ricardo ; Amescua, Antonio. Dealing with software process requirements complexity: an information access proposal based on semantic technologies. ISSN: 0947-3602 ; E-ISSN: 1432-010X ; DOI: 10.1007/s00766-016-0256-4 Requirements Engineering, 2017, Vol.22(4), pp.527-542
 18. Tajadura-Jiménez, A., Banakou, D., Bianchi-Berthouze, N., Slater, M. Embodiment in a Child-Like Talking Virtual Body Influences Object Size Perception, Self-Identification, and Subsequent Real Speaking. *Scientific Reports* 2017 Aug 29;7(1):9637.DOI:[10.1038/s41598-017-09497-31](https://doi.org/10.1038/s41598-017-09497-31)
 19. Tajadura-Jiménez, A., Vakali, M., Fairhurst, M.T., Mandrigin, A., Bianchi-Berthouze, N., & Deroy, O. Auditory Pinocchio: Rising pitch changes the mental representation of one's finger length. *Scientific Reports*, 2017 Jul 18;7(1):5748.DOI: [10.1038/s41598-017-05870-4](https://doi.org/10.1038/s41598-017-05870-4)
 20. Antonio de Amescua; Alvarez-Rodríguez, J. M.; Sanchez-Segura, M.; and Medina-Domínguez, F. An Agile Framework Definition for creating an engineering Massive Open Online Course from scratch. A case study. *International Journal of Engineering Education*, 35(5(B)): 2360–2373. 2016.
 21. Sánchez-Segura, Maria-Isabel; Ruiz-Robles, Alejandro; Medina-Dominguez, Fuensanta. Uncovering hidden process assets: A case study. ISSN: 1387-3326 ; E-ISSN: 1572-9419 ; DOI: 10.1007/s10796-016-9622-5 *Information Systems Frontiers*, 2016, Vol.18(6), pp.1041-1049
 22. Génova, G., & González, M. (2016). Teaching Ethics to Engineers: A Socratic Experience. *Science and Engineering Ethics*, 22(2), 567-580.
 23. Génova G., H., Fraga A. The Scientometric Bubble Considered Harmful. *Science and Engineering Ethics*. 2016 Feb;22(1):227-35. doi: 10.1007/s11948-015-9632-6.
 24. Marco Romano ; Teresa Onorati ; Ignacio Aedo ; Paloma Diaz. Designing Mobile Applications for Emergency Response: Citizens Acting as Human Sensors. E-ISSN: 1424-8220 ; DOI: 10.3390/s16030406. Sensors, 01 March 2016, Vol.16(3), p.406.
 25. Génova, Gonzalo ; Astudillo, Hernán ; Fraga, Anabel. The Scientometric Bubble Considered Harmful. ISSN: 1353-3452 ; E-ISSN: 1471-5546 ; DOI: 10.1007/s11948-015-9632-6 *Science and Engineering Ethics*, 2016, Vol.22(1), pp.227-235
 26. Alvarez-Rodríguez, J.M. ; Vafopoulos, M. ; Llorens, J. Enabling policy making processes by unifying and reconciling corporate names in public procurement data. the CORFU technique. ISSN: 09205489 ; DOI: 10.1016/j.csi.2015.02.009 *Computer Standards and Interfaces*, 1 September 2015, Vol.41, pp.28-38
 27. Medina-Dominguez, Fuensanta; Sanchez-Segura, Maria-Isabel; Moreno, Ana; Santin, Daniel. Collaborative tools: computer science students' skills versus software industry needs. ISSN: 2047-7473 ; E-ISSN: 2047-7481 ; DOI: 10.1002/smr.1708 *Journal of Software: Evolution and Process*, March 2015, Vol.27(3), pp.221-235
 28. Tajadura-Jiménez, A., Basia, M., Deroy, O., Fairhurst, M., Marquardt, N., Berthouze, N. As Light as your Footsteps: Altering Walking Sounds to Change Perceived Body Weight, Emotional State and Gait. In *Proceedings of the 33rd Annual ACM Conference on Human Factors in Computing Systems (CHI 2015)*, Seoul, Republic

- of Korea — April 18 - 23, 2015. ACM, New York, NY, USA, 2943-2952. DOI: 10.1145/2702123.2702374
29. Zarraonandia, Telmo ; Diaz, Paloma ; Aedo, Ignacio ; Ruiz, Mario. Designing educational games through a conceptual model based on rules and scenarios. ISSN: 1380-7501 ; E-ISSN: 1573-7721 ; DOI: 10.1007/s11042-013-1821-1 Multimedia Tools and Applications, 2015, Vol.74(13), pp.4535-4559
 30. Parra, Eugenio ; Dimou, Christos ; Llorens, Juan ; Moreno, Valentín ; Fraga, Anabel. A methodology for the classification of quality of requirements using machine learning techniques. ISSN: 0950-5849 ; DOI: 10.1016/j.infsof.2015.07.006. Information and Software Technology, November 2015, Vol.67, pp.180-195
 31. Zarraonandia, T., Aedo, I., Díaz, P., & Montero. A. Augmented Presentations: Supporting the Communication in Presentations by Means of Augmented Reality. *International Journal of Human-Computer Interaction*, 30(10), 829-838. (2014).
 32. Génova, Llorens, & Fraga. Metamodeling generalization and other directed relationships in UML. *Information and Software Technology*, 56(7), 718-726. (2014).
 33. Moreno, Ana M. ; Sánchez-Segura, María-Isabel ; Medina-Dominguez, Fuensanta ; Cuevas, Gonzalo. Process Improvement from an Academic Perspective: How Could Software Engineering Education Contribute to CMMI Practices?. ISSN: 0740-7459 ; DOI: 10.1109/MS.2013.70 *IEEE Software*, July-Aug. 2014, Vol.31(4), pp.91-97
 34. Vásquez-Bravo, D.-M. ; Sánchez-Segura, M.-I. ; Medina-Domínguez, F. ; Amescua, A. Knowledge management acquisition improvement by using software engineering elicitation techniques. ISSN: 07475632 ; DOI: 10.1016/j.chb.2013.09.003 *Computers in Human Behavior*, January 2014, Vol.30, pp.721-730
 35. Peñalver-Martínez, I. ; Garcia-Sanchez, F. ; Valencia-Garcia, R. ; Rodríguez-García, M.Á. ; Moreno, V. ; Fraga, A. ; Sánchez-Cervantes, J.L. Feature-based opinion mining through ontologies. ISSN: 09574174 ; DOI: 10.1016/j.eswa.2014.03.022 *Expert Systems with Applications*, 1 October 2014, Vol.41(13), pp.5995-6008
 36. Tajadura-Jiménez, A., Väljamäe, A., Toshima, I., Kimura, T., Tsakiris, M., Kitagawa, N. Action sounds recalibrate perceived tactile distance. *Current Biology*, 2012 Jul 10;22(13):R516-7 DOI:<https://doi.org/10.1016/j.cub.2012.04.028>

EQUIPO 2 - Arquitectura de computadores, comunicaciones y sistemas (ARCOS)

1. D. E. Singh and J. Carretero, "Combining malleability and i/o control mechanisms to enhance the execution of multiple applications," *Journal of systems and software*, vol. 148, pp. 21-36, 2019.
2. J. Garcia-Blas and C. Brown, "High-level programming for heterogeneous and hierarchical parallel systems," *The international journal of high performance computing applications*, vol. 32, iss. 6, pp. 804-806, 2018.
3. S. Alonso-Monsalve, F. Garca-Carballeira, and A. Calderón, "A heterogeneous mobile cloud computing model for hybrid clouds," *Future generation computer systems*, 2018.
4. S. Caino-Lores, A. Lapin, J. Carretero, and P. Kropf, "Applying big data paradigms to a large scale scientific workflow: lessons learned and future directions," *Future Generation Computer Systems*, p. -, 2018.
5. G. A. Vazquez-Martinez, J. L. Gonzalez-Compean, V. J. Sosa-Sosa, M. Morales-Sandoval, and J. Carretero, "CloudChain: A novel distribution model for digital products based on supply chain principles," *International journal of information management*, vol. 39, iss. April, pp. 90-103, 2018.

6. D. R. del Astorga, M. F. Dolz, J. Fernandez, and J. Garcia-Blas, "Hybrid static-dynamic selection of implementation alternatives in heterogeneous environments," *The journal of supercomputing*, 2017.
7. D. Economou, M. Mentzelopoulos, N. Georgalas, J. Carretero, and J. Garcia-Blas, "Virtual environments and advanced interfaces," *Personal and ubiquitous computing*, 2017.
8. S. Alonso-Monsalve, F. Garcia-Carballeira, and A. Calderon, "ComBos: A complete simulator of Volunteer Computing and Desktop Grids," *Simulation Modelling Practice and Theory*, vol. 77, pp. 197-211, 2017.
9. M. F. Dolz, D. D. R. Astorga, J. Fernandez, M. Torquati, J. D. Garcia, F. Garcia-Carballeira, and M. Danelutto, "Enabling semantics to improve detection of data races and misuses of lock-free data structures," *Concurrency and Computation: Practice and Experience*, p. e4114–n/a, 2017. e4114 cpe.4114
10. D. R. del Astorga, M. F. Dolz, J. Fernandez, and J. D. Garcia, "A generic parallel pattern interface for stream and data processing," *Concurrency and Computation: Practice and Experience*, p. e4175–n/a, 2017. e4175 cpe.4175
11. P. Llopis, F. Isaila, J. Garcia-Blas, and J. Carretero, "Model-based energy-aware data movement optimization in the storage I/O stack," *The journal of supercomputing*, 2017.
12. F. Marozzo, F. Rodrigo-Duro, J. Garcia-Blas, J. Carretero, D. Talia, and P. Trunfio, "A Data-aware Scheduling Strategy for Workflow Execution in Clouds," *Concurrency and Computation: Practice and Experience (CCPE)*, 2017.
13. R. Sotomayor, L. M. Sanchez, J. Garcia-Blas, J. Fernandez, and J. D. Garcia, "Automatic CPU/GPU Generation of Multi-versioned OpenCL Kernels for C++ Scientific Applications," *International journal of parallel programming*, vol. 45, iss. 2, pp. 262-282, 2017.
14. S. Gesing, J. Carretero, J. Garcia-Blas, and J. Montagnat, "Boosting analyses in the life sciences via clusters, grids and clouds," *Future generation computer systems*, vol. 67, pp. 325-328, 2017.
15. G. L. Stavrinos, F. Rodrigo-Duro, H. D. Karatza, J. Garcia-Blas, and J. Carretero, "Different aspects of workflow scheduling in large-scale distributed systems," *Simulation Modelling Practice and Theory*, vol. 70, pp. 120-134, 2017.
16. J. Carretero, J. Garcia-Blas, and R. Ciegis, "Introduction to sustainable ultrascale computing systems and applications," *The journal of supercomputing*, vol. 72, iss. 11, pp. 4043-4046, 2016.
17. D. R. del Astorga, R. Sotomayor, L. M. Sanchez, J. Garcia-Blas, A. Calderon, and J. Fernandez, "Assessing and discovering parallelism in C++ code for heterogeneous platforms," *The journal of supercomputing*, pp. 1-16, 2016.
18. P. Llopis, M. F. Dolz, J. Garcia-Blas, F. Isaila, M. R. Heidari, and M. Kuhn, "Analyzing the energy consumption of the storage data path," *The journal of supercomputing*, pp. 1-18, 2016.
19. A. Calderon, A. Garcia-Fernandez, F. Garcia-Carballeira, J. Carretero, and J. Fernandez, "Improving performance using computational compression through memorization: A case study using a Railway Power Consumption Simulator," *International journal of high performance computing applications*, 2016.

EQUIPO 3 - Computer Security Lab (COSEC)

1. Camara, P. Peris-Lopez, L. Gonzalez-Manzano, and J. Tapiador, "Real-time electrocardiogram streams for continuous authentication," *Applied soft computing*, vol. 68, pp. 784-794, 2018.
2. L. Ortiz-Martin, P. Picazo-Sanchez, P. Peris-Lopez, and J. Tapiador, "Heartbeats do not make good pseudo-random number generators: an analysis of the randomness of inter-pulse intervals," *Entropy*, vol. 20, iss. 2, 2018.
3. H. Martin, P. Martin-Holgado, P. Peris-Lopez, Y. Morilla, and L. Entrena, "On the entropy of oscillator-based true random number generators under ionizing radiation," *Entropy*, vol. 20, iss. 7, 2018.
4. P. Peris-Lopez, L. González-Manzano, C. Camara, and J. M. de Fuentes, "Effect of attacker characterization in ecg-based continuous authentication mechanisms for internet of things," *Future generation computer systems*, vol. 81, pp. 67-77, 2018.
5. Camara, P. Peris-Lopez, H. Martín, and M. Aldalaien, "Ecg-rng: a random number generator based on ecg signals and suitable for securing wireless sensor networks," *Sensors*, vol. 18, iss. 9, 2018.
6. J. Blasco and P. Peris-Lopez, "On the feasibility of low-cost wearable sensors for multi-modal biometric verification," *Sensors*, vol. 18, iss. 9, 2018.
7. S. F. Aghili, H. Mala, and P. Peris-Lopez, "Securing heterogeneous wireless sensor networks: breaking and fixing a three-factor authentication protocol," *Sensors*, vol. 18, iss. 11, 2018.
8. J. M. de Fuentes, L. González-Manzano, J. Tapiador, and P. Peris-Lopez, "Pracis: privacy-preserving and aggregatable cybersecurity information sharing," *Computers & security*, vol. 69, pp. 127-141, 2017.
9. L. González-Manzano, J. M. de Fuentes, P. Peris-Lopez, and C. Camara, "Encryption by heart (ebh)—using ecg for time-invariant symmetric key generation," *Future generation computer systems*, vol. 77, pp. 136-148, 2017.
10. P. Peris-Lopez and H. Martin, "Hardware trojans against virtual keyboards on e-banking platforms – a proof of concept," *Aeu – international journal of electronics and communications*, vol. 76, pp. 146-151, 2017.
11. H. Martin, P. Peris-Lopez, E. San Millan, and J. E. Tapiador, "A lightweight implementation of the tav-128 hash function," *leice electronics express*, vol. 14, iss. 11, pp. 20161255-20161255, 2017.
12. J. Blasco, T. M. Chen, J. Tapiador, and P. Peris-Lopez, "A survey of wearable biometric recognition systems," *Acm comput. surv.*, vol. 49, iss. 3, p. 43:1–43:35, 2016.
13. L. González-Manzano, J. M. de Fuentes, S. Pastrana, P. Peris-Lopez, and L. Hernández-Encinas, "Pagiote – privacy-preserving aggregation protocol for internet of things," *Journal of network and computer applications*, vol. 71, pp. 59-71, 2016.
14. H. Martin, P. Peris-Lopez, J. E. Tapiador, and E. San Millan, "A new trng based on coherent sampling with self-timed rings," *IEEE transactions on industrial informatics*, vol. 12, iss. 1, pp. 91-100, 2016.

15. C. Camara, P. Peris-Lopez, and J. E. Tapiador, "Security and privacy issues in implantable medical devices: a comprehensive survey.," *Journal of biomedical informatics*, vol. 55, pp. 272-289, 2015.
16. C. Camara, P. Peris-Lopez, J. E. Tapiador, and G. Suarez-Tangil, "Non-invasive multi-modal human identification system combining ecg, gsr, and airflow biosignals," *Journal of medical and biological engineering*, vol. 35, iss. 6, p. 735–748, 2015.
17. C. Camara, P. Peris-Lopez, and J. E. Tapiador, "Human identification using compressed ecg signals," *Journal of medical systems*, vol. 39, iss. 11, p. 148, 2015.
18. S. Pastrana, J. E. Tapiador, A. Orfila, and P. Peris-Lopez, "Defidnet: a framework for optimal allocation of cyberdefenses in intrusion detection networks," *Computer networks.*, vol. 80, pp. 66-88, 2015.
19. J. M. de Fuentes, P. Peris-Lopez, J. E. Tapiador, and S. Pastrana, "Probabilistic yoking proofs for large scale iot systems," *Ad hoc networks*, iss. 32, pp. 43-52, 2015.
20. G. Suarez-Tangil, J. E. Tapiador, P. Peris-Lopez, and S. Pastrana, "Power-aware anomaly detection in smartphones: an analysis of on-platform versus externalized operation," *Pervasive and mobile computing*, vol. 18, pp. 137-151, 2015.

EQUIPO 4 - Grupo Planificación y Aprendizaje (parte del antiguo grupo 4)

1. Álvaro Torralba; Linares-López, C. & Borrajo, D. (2018), 'Symbolic Perimeter Abstraction Heuristics for Cost-Optimal Planning', *Artificial Intelligence* 259, 1--31.
2. Fuentetaja, R.; Borrajo, D. & de la Rosa, T. (2018), 'Anticipation of Goals in Automated Planning', *AI Communications* 31(2), 117--135.
3. Pozanco, A.; Fernández, S. & Borrajo, D. (2018), 'Learning-driven Goal Generation', *AI Communications* 31(2), 137--150.
4. Borrajo, D. & Fernández, S. (2018), 'Efficient Approaches for Multi-Agent Planning', *Knowledge and Information Systems*, 1--55.
5. Martínez, M.; García, J. & Fernández, F. (2018), 'On-Line Case-Based Policy Learning for Automated Planning in Probabilistic Environments', *International Journal of Information Technology and Decision Making*.
6. González, J. C.; Pulido, J. C. & Fernández, F. (2017), 'A three-layer planning architecture for the autonomous control of rehabilitation therapies based on social robots', *Cognitive Systems Research* 43, 232--249.
7. Martínez-Gil, F.; Lozano, M. & Fernández, F. (2017), 'Emergent behaviors and scalability for multi-agent reinforcement learning-based pedestrian models', *Simulation Modelling Practice and Theory* 74, 117--133.
8. Pulido, J. C.; González, J. C.; Suárez-Mejías, C.; Bandera, A.; Bustos, P. & Fernández, F. (2017), 'Evaluating the Child–Robot Interaction of the NAOTherapist Platform in Pediatric Rehabilitation', *International Journal of Social Robotics* 9(3), 343—358.
9. Martínez-Gil, F.; Lozano, M.; García-Fernández, I. & Fernández, F. (2017), 'Modeling, evaluation, and scale on artificial pedestrians: A literature review', *ACM Computing Surveys* 50(5).
10. Cenamor, I.; Núñez, S.; de la Rosa, T. & Borrajo, D. (2017), 'Planning for Tourism Routes using Social Networks', *Expert Systems with Applications* 69, 1--9.
11. Martínez, M.; Fernández, F. & Borrajo, D. (2016), 'Planning and Execution through Variable Resolution Planning', *Robotics and Autonomous Systems* 83, 214--230.

12. Cenamor, I.; De La Rosa, T. & Fernández, F. (2016), 'The IBaCoP planning system: Instance-based configured portfolios', *Journal of Artificial Intelligence Research* 56, 657--691.
13. García, J. & Fernández, F. (2015), 'A comprehensive survey on safe reinforcement learning', *Journal of Machine Learning Research* 16, 1437--1480.
14. Núñez, S.; Borrajo, D. & Linares-López, C. (2015), 'Automatic construction of optimal static sequential portfolios for AI planning and beyond', *Artificial Intelligence* 226, 75-101.
15. Borrajo, D.; Roubosková, A. & Serina, I. (2015), 'Progress in Case-Based Planning', *ACM Computing Surveys* 47(2), 35:1--35:39.
16. Martínez-Gil, F.; Lozano, M. & Fernández, F. (2015), 'Strategies for simulating pedestrian navigation with multiple reinforcement learning agents', *Autonomous Agents and Multi-Agent Systems* 29(1), 98--130.
17. Alcázar, V.; Fernández, S.; Borrajo, D. & Veloso, M. (2015), 'Using Random Sampling Trees for Automated Planning', *AI Communications* 28(4), 665-681.
18. Linares López, C.; Jiménez Celorrio, S. & García-Olaya, A. (2015), 'The deterministic part of the seventh International Planning Competition', *Artificial Intelligence* 223, 82-119.
19. Gonzalez-Pacheco, V.; Malfaz, M.; Fernandez, F. & Salichs, M. (2013), 'Teaching Human Poses Interactively to a Social Robot', *Sensors* 13(9), 12406--12430.
20. Fuentetaja, R.; Borrajo, D.; Linares-López, C. & Ocón, J. (2013), 'Multi-step Generation of Bayesian Networks Models for Software Projects Estimations', *The International Journal of Computational Intelligence Systems* 6(5), 796--821.
21. Garrido, A.; Onaindía, E.; Morales, L.; Castillo, L.; Fernández, S. & Borrajo, D. (2013), 'On the automatic compilation of e-learning models to planning', *The Knowledge Engineering Review* 28(2), 121--136.

EQUIPO 5 - Grupo de Control, Aprendizaje y Optimización (parte del antiguo grupo 4)

1. Fault detection and identification methodology under an incremental learning framework applied to industrial machinery, J. A. Carino and M. Delgado-Prieto and J. A. Iglesias and A. Sanchis and D. Zurita and M. Millan and J. A. O. Redondo and R. Romero-Troncoso, *IEEE Access*, (2018), 10.1109/ACCESS.2018.2868430.
2. Feature selection for classification tasks: Expert knowledge or traditional methods? Corrales, D.C.; Lasso, E.; LEDEZMA, A. & Corrales, J.C. (2018). *Journal of Intelligent & Fuzzy Systems*, Preprint 1-11. DOI: 10.3233/JIFS-169470.
3. How to Address the Data Quality Issues in Regression Models: A Guided Process for Data Cleaning. Corrales, D.C.; Corrales, J.C. & LEDEZMA, A. (2018). *Symmetry* 10 (4). DOI: 10.3390/sym10040099.
4. Forecasting Sea Level Changes Applying Data Mining Techniques to the Cristobal Bay Time Series, Panama. Simmonds, J. A.; Gomez, J. A. & LEDEZMA, A. (2017). *Journal of Water and Climate Change*, 8 (1), 89-101. DOI: 10.2166/wcc.2016.041.
5. Evolving cloud-based system for the recognition of drivers' actions, Goran Andonovski, Igor Škrjanc, Agapito Ledezma, Oscar Sipele, Jose Antonio Iglesias, Araceli Sanchis. *Expert Systems with Applications*. (2017). <https://doi.org/10.1016/j.eswa.2017.11.008>.
6. Real-time Recognition of Calling Pattern and Behaviour of Mobile Phone Users through Anomaly Detection and Dynamically Evolving Clustering, Jose Antonio Iglesias, Agapito Ledezma, Araceli Sanchis, Plamen Angelov, *Applied Sciences, Special Issue Human Activity Recognition*, 7(8), 798 (2017). Doi:10.3390/app7080798.
7. Integration of context-aware conversational interfaces to develop practical applications for mobile devices. David Griol, José Manuel Molina & Araceli Sanchis. *Journal of Ambient Intelligence and Smart Environments (JAISE)*. Thematic Issue on

- Human-centred Aml: Cognitive Approaches, Reasoning and Learning (HCogRL). (2017) (Pend. publicación).
8. A Two-stage Combining Classifier Model for the Development of Adaptive Dialog Systems. David Griol, Jose Antonio Iglesias, Agapito Ledezma & Araceli Sanchis, *International Journal of Neural Systems*, 26 (1), (2016). DOI: 10.1142/S0129065716500027.
 9. Web News Mining in an Evolving Framework, J. Antonio Iglesias, Alexandra Tiemblo, Agapito Ledezma & Araceli Sanchis. *Information Fusion*, 28: 90-98 (2016). Doi: 10.1016/j.inffus.2015.07.004.
 10. Autonomously evolving classifier TEDAClass. Kangin, D.; Angelov, P.; and Iglesias, J. A. *Information Sciences*, 366: 1 - 11. 2016.
 11. Generating ensembles of heterogeneous classifiers using Stacked Generalization. M. Paz Sesmero Lorente, Agapito Ledezma & Araceli Sanchis, *Wiley Interdisc. Rev.: Data Mining and Knowledge Discovery*, 5(1), 21-34 (2015). DOI: 10.1002/widm.1143.
 12. Sensor-based Bayesian detection of anomalous living patterns in a home setting, FJ Ordóñez, P de Toledo & A. Sanchis, *Personal and Ubiquitous Computing*, 19 (2), 259–270, (2015). DOI: 10.1007/s00779-014-0820-1.
 13. An Ensemble Approach of Dual Base Learners for Multi-Class Classification Problems, M. Paz Sesmero, Juan M. Alonso-Weber, German Gutierrez, Agapito Ledezma & Araceli Sanchis. *Information Fusion*. 24(C), 122—136, (2015). Doi: 10.1016/j.inffus.2014.09.002
 14. Combining Additive Input Noise Annealing and Pattern Transformations for Improved Handwritten Character Recognition, J.M. Alonso-Weber, M. P. Sesmero & A. Sanchis, *Expert Systems With Applications*, 41(18), 8180–8188, (2014). Doi: 10.1016/j.eswa.2014.07.016.
 15. Predicting Protein Relationships to Human Pathways through a Relational Learning Approach based on Simple Sequence Features, Beatriz García-Jiménez, Tirso Pons, Araceli Sanchis & Alfonso Valencia. *IEEE IEEE/ACM Transactions on Computational Biology and Bioinformatics*, 11(4), 753-765, (2014). Doi: 10.1109/TCBB.2014.2318730.
 16. Bayesian Inference for Hidden Markov Models in Activity Recognition. Ordonez, Francisco; Englebienne, Gwenn; de Toledo, Paula; van Kasteren, Tim; Sanchis, Araceli & Krose, Ben. *IEEE Pervasive Computing*, 13(3), 67 – 75, (2014), Doi: 10.1109/MPRV.2014.52.
 17. Online Activity Recognition using Evolving Classifiers. F.J. Ordoñez, J.A. Iglesias, M.Toledo, A. I. Ledezma & A. Sanchis, *Expert Systems With Applications*. 40 (4), 1248-1255, (2013). <http://dx.doi.org/10.1016/j.eswa.2012.08.066>.
 18. Time series forecasting using a weighted cross-validation evolutionary artificial neural network ensemble. J. Peralta, P. Cortez, G. Gutiérrez & A. Sanchis. *Neurocomputing*, 109 (3), 27–32, (2013), Doi: <http://dx.doi.org/10.1016/j.neucom.2012.02.053>.

EQUIPO 6 - Grupo de Inteligencia Artificial Aplicada (GIAA)

37. “Agent-based Simulation with Netlogo to Evaluate Aml Scenarios”, N. Sanchez-Pi, J. Carbo, J. M. Molina. *Journal of Simulation*. 12:1: 42-52, 2018.
38. “Building multi-domain conversational systems from single domain resources”. D. Griol, J. M. Molina. *Neurocomputing*. 271: 59-69, 2018.
39. Lauro Snidaro, Jesus García, James Llinas, Erik Blasch “Recent trends in context exploitation for Information Fusion and AI” *AI Magazine* 2018 in press
40. Washington Padilla, Jesús García. “Data association methodology to improve spatial predictions in alternative marketing circuits in Ecuador” *Computational Intelligence and Neuroscience*. 2018 in press

41. "Electronic institutions and neural computing providing law-compliance privacy for trusting agents", M López, J Carbó, J M Molina, J. Pedraza. *Journal of Applied Logic*. Volume 24, Part A, 2017, Pages 119-131. ISSN: 1570-8683 DOI 10.1016/j.jal.2016.11.019 0.834 77/104 Area CS theory and methods
42. "Crowd-based ambient assisted living to monitor elderly health in outdoor settings", A. Cristina-Bicharra, C. Vivacqua, N. Sanchez-Pi, L. Martí, J. M. Molina. *IEEE Software*. 34(6): 53-57 (2017). JIF (2017) 2,879, posición 13 de 104 en *Computer Science, Software Engineering (Q1)*.
43. "Player: An Open Source Tool to Simulate Complex Maritime Environments to Evaluate Data Fusion Performance", A. Luis, J. M. Molina, J. García. *Journal of Simulation Modeling Practice and Theory* Volume 76, August 2017. JIF (2017) 1,942, posición 25 de 47 en *Engineering, Industrial (Q3)* y posición 24 de 46 en *Engineering, Manufacturing (Q3)*.
44. "Incorporating Android conversational agents in m-learning apps", D. Griol, J. M. Molina, Z. Callejas. *Expert Systems*. Volume 34, Number 1, February 2017. JIF (2017) 1,430, posición 75 de 132 en *Computer Science, Artificial Intelligent (Q3)* y posición 48 de 103 en *Computer Science, Theory and Methods (Q2)*.
45. "MONEDA: Scalable Multi-Objective Optimization with a Neural Network-based Estimation of Distribution Algorithm", L. Martí, J. García, A. Berlanga, J.M. Molina. *Journal of Global Optimization*. 66(4): 729-768, 2016. JIF (2016) 1,733, posición 31 de 83 en *Operations Research & Management (Q2)* y posición 36 de 255 en *Mathematics, Applied (Q1)*.
46. "A Stopping Criterion for Multi-Objective Optimization Evolutionary Algorithms", L. Martí, J. García, A. Berlanga, J.M. Molina. *Information Sciences*, Volumes 367–368, Pages 700–718, 1 November 2016. JIF (2016) 4,832, posición 7 de 146 en *Computer Science, Information Systems (Q1)*.
47. "Anomaly Detection based on Sensor Data in Petroleum Industry Applications", L. Martí, N. Sanchez-Pi, J. M. Molina, Ana C. Bicharra. *Sensors*. 15 (2), 2774-2797, 2015. JIF (2015) 2,003, posición 12 de 56 en *Instruments and Instrumentation (Q1)*.
48. "A proposal for the development of adaptive spoken interfaces to access the Web", D. Griol, J. M. Molina, Z. Callejas. *Neurocomputing* (163), pp. 56-68, 2015. JIF (2015) 2,392, posición 31 de 130 en *Computer Science, Artificial Intelligent (Q1)*.
49. "Model-Based Trajectory Reconstruction with IMM Smoothing and Segmentation". J. García, J. M. Molina, J. A. Besada, G. de Miguel. *Information Fusion*. Volume 22, pp 127-140, March 2015. JIF (2015) 4,353, posición 9 de 130 en *Computer Science, Artificial Intelligent (Q1)* y posición 4 de 105 en *Computer Science, Theory and Methods (Q1)*.
50. "Context-based multi-level information fusion for harbor surveillance Information Fusion". J. Gómez, M. Serrano, J. García, J. M. Molina, G. Rogova. *Information Fusion*. Volume 21, pp 173-186, January 2015. JIF (2015) 4,353, posición 9 de 130 en *Computer Science, Artificial Intelligent (Q1)* y posición 4 de 105 en *Computer Science, Theory and Methods (Q1)*.
51. "A Practical Approach for Active Camera Coordination Based on a Fusion-Driven Multi-Agent System", A. Luis, M. A. Patricio, J. M. Molina. *International Journal of Systems Science*. Volume 45, Issue 4, pp. 741-755, Abril 2014. JIF (2014) 2,001, posición 13 de 102 en *Computer Science, Theory and Methods (Q1)*.
52. Julia Sidorova, Jesus Garcia "Bridging from Syntactic to Statistical Methods: Classification with Automatically Segmented Features from Sequences" *Pattern Recognition* Volume 48, Issue 11, November 2015 Páginas, inicial: 3749, final: 3756

EQUIPO 7 - Grupo de Redes Neuronales y Computación Biológica

1. "A recommender system based on implicit feedback for selective dissemination of eBooks". R. Gonzalez-Crespo, E. R. Nuñez-Valdez, D. Quintana, P. Isasi, E. Herrera-Viedma. *Information Science*. 467, 87-98. 2018

2. "Evolutionary design of Convolutional Neural Networks for human activity recognition in sensor-rich environments". A. Baldominos, Y. Sáez, P. Isasi. *Sensors*, 18 (4). 2018
3. "System Steganalysis with Automatic Fingerprint Extraction". A. Cervantes, T. Sloan, J.C. Hernandez, P. Isasi. *PLOS ONE*, 13 (4). 2018
4. "Internet use and psychological well-being at advanced age: Evidence from the English longitudinal study of aging". D. Quintana, A. Cervantes, Y. Sáez, P. Isasi. *Journal of Environmental research and public health*, 15(3). 2018
5. "Evolutionary Convolutional Neural Networks: an Application to Handwriting Recognition". A. Baldominos, Y. Sáez, P. Isasi. *Neurocomputing*, 283, 38-52. 2018
6. "A Comparative Study of Classical Clustering Method and Cuckoo Search Approach for Satellite Image Clustering: Application to Water Body Extraction". Labeled, K., Fizazi, H., Mahi, H., & Galvan, I. M. *Applied Artificial Intelligence*, 32(1), 96-118, 2018. IF= 0.587, Q4. DOI: <https://doi.org/10.1080/08839514.2018.1451214>
7. "A filter attribute selection method based on local reliable information". Martín, R., Aler, R., & Galván, I. M. *Applied Intelligence*, 1-11, 2018. IF=1.983. Q2. DOI: 10.1007/s10489-017-095
8. "Improving the separation of direct and diffuse solar radiation components using machine learning by gradient boosting". Aler, R., Galván, I. M., Ruiz-Arias, J. A., & Gueymard, C. A. *Solar Energy*, 150, 558-569 (2017). Q1
9. "Automatic Cloud-Type Classification Based On the Combined Use of a Sky Camera and a Ceilometer". Huertas-Tato, J., Rodríguez-Benítez, F. J., Arbizu-Barrena, C., Aler-Mur, R., Galvan-Leon, I., & Pozo-Vázquez, D. (2017). *Journal of Geophysical Research: Atmospheres*, 122(20) (2017). Q1
10. "Multi-objective evolutionary optimization of prediction intervals for solar energy forecasting with neural networks". Galván, I. M., Valls, J. M., Cervantes, A., & Aler, R. *Information Sciences*, 418, 363-382. 2017. JCR-2017: 4.305, Q1
11. "Grid-enabled evolution strategies for large-scale home care crew scheduling". F. Luna, J. F. Valenzuela, P. Isasi, A. Cervantes. *Cluster Computing*. 2017
12. "Random Forest Prediction of IPO Underpricing". D. Quintana, Y. Sáez, P. Isasi. *Applied Sciences: Computer Science and Electrical Engineering*, 7 (6). 2017
13. "Extending ACO for Fast Path Search in Huge Graphs and Social Networks". D. Cuadra, F.J. Calle, J. Rivero, P. Isasi. *Expert Systems with Applications*, 86 (15), 292-306. 2017
14. "Clustering technique for large-scale home care crew scheduling problems". D. Quintana, A. Cervantes, Y. Sáez, P. Isasi. *Applied Intelligence*, 47 (2), 443-455. 2017.
15. "A comparison study of classifier algorithms for cross-person physical activity recognition". Y. Saez, A. Baldominos, P. Isasi. *Sensors*, 17(1). 2016.
16. "Enhancing Financial Portfolio Robustness with an Objective Based on ϵ -Neighborhoods". F. Luna, D. Quintana, S. García, P. Isasi. *International Journal of Information Technology & Decision Making*, 15 (3), 479-515. 2016
17. "A competence-performance based model to develop a syntactic language for artificial agents". Jack Mario Mingo, Ricardo Aler. *Information Sciences*. 373: 79-94 (2016). Q1
18. "Machine learning techniques for daily solar energy prediction and interpolation using numerical weather models". Martin, R., Aler, R., Valls, J. M., and Galvan, I. M. *Concurrency and Computation: Practice and Experience*. 28:1261–1274. 2016 JCR-2016:1.133, Q3
19. "Combining RMT-based filtering with time-stamped resampling for robust portfolio optimization" D. Quintana, S. García, S. Cincotti, P. Isasi. *International Journal of Computational Intelligence Systems*. 8 (5), 874-885. 2015
20. "Resting tremor classification and detection in Parkinson's disease patients" C. Camara, P. Isasi, K. Warwick, V. Ruiz, T. Aziz, J. Stein, E. Bakštein. *Biomedical Signal Processing and Control*. 16, 88-97. 2015

21. "Extended mean--variance model for reliable evolutionary portfolio optimization" S García, D Quintana, IM Galván, P Isasi. *AI Communications*. 27 (3), 315-324. 2014

EQUIPO 8 – Human Languages and Accesibility Technologies (parte del antiguo Equipo 7)

1. Lourdes Moreno López, Paloma Martínez Fernández. (2019). The Harmonization of ICT Accessibility Standards for Public Policies. *Computer*. (in press). IEEE Computer Society, 0018-9162. 2019, Enero. [Impact factor: 1.940 (Q1) (2017), Software Engineering]
2. Francisco José García-Peñalvo, Lourdes Moreno López. (2019). Empirical evaluation of educational interactive systems. *Quality & Quantity, International Journal of Methodology*. SPRINGER, 1573-7845. 2019, Enero. [Impact factor: 1,072 (Q3) (2017), Social Science, Interdisciplinary]
3. Víctor Suárez-Paniagua, Isabel Segura-Bedmar: Evaluation of pooling operations in convolutional architectures for drug-drug interaction extraction. *BMC Bioinformatics* 19-S(8): 39-47 (2018)
4. Lourdes Moreno, Paloma Martínez, Javier Muguerza, Julio Abascal. Support resource based on standards for accessible e-Government transactional services. *Computer Standards & Interfaces* 58: 146-157 (2018), Elsevier, [Impact factor: 1.479 (Q2) (2017), Software Engineering]
5. Isabel Segura-Bedmar, Cristóbal Colón-Ruiz, Miguél Ángel Tejedor-Alonso, Mar Moro-Moro. Predicting of anaphylaxis in big data EMR by exploring machine learning approaches. *Journal of Biomedical Informatics* 87: 50-59 (2018)
6. Jose Luis Jimenez Marquez; Israel González Carrasco; José Luis López Cuadrado; Belén Ruiz-Mezcua Towards a Big Data Framework for Analyzing Social Media Content. *International Journal of Information Management*. 2018. JCR Q1
7. Jose Luis Jimenez Marquez; Israel González Carrasco; José Luis López Cuadrado. Challenges And Opportunities In Analytic Predictive Environments Of Big Data And Natural Language Processing For Social Network Rating Systems. *IEEE Latin America transactions*. 2018. JCR Q4
8. Alejandro Rafael Garcia Ramirez, Israel González Carrasco, Amariyls Lima Lopez, Jose Luis Lopez Cuadrado, Ángel García Crespo. Towards Human Smart Cities: Internet of Things for sensory impaired individuals. *Computing*. 2017. JCR Q2
9. Víctor Suárez-Paniagua, Isabel Segura-Bedmar, Paloma Martínez. Exploring convolutional neural networks for drug-drug interaction extraction. *Database* 2017: bax019 (2017)
10. Isabel Segura-Bedmar, Paloma Martínez. Simplifying drug package leaflets written in Spanish by using word embedding. *J. Biomedical Semantics* 8(1): 45:1-45:9 (2017)
11. Isabel Segura-Bedmar, Antonio Quirós, Paloma Martínez. Exploring Convolutional Neural Networks for Sentiment Analysis of Spanish tweets. *EACL (1) 2017*: 1014-1022
12. Paloma Martínez, José L. Martínez, Isabel Segura-Bedmar, Julián Moreno Schneider, Adrián Luna, Ricardo Revert. Turning user generated health-related content into actionable knowledge through text analytics services. *Computers in Industry* 78: 43-56 (2016)
13. Yuliana Pérez-Gallardo, Ángel García Crespo, Jose Luis Lopez Cuadrado, Israel González Carrasco. MESSRS: A model-based 3D system for of recognition, semantic annotation and calculating the spatial relationships of a factory's digital facilities. *Computers in industry*. 2016. JCR Q2
14. Ángel García Crespo, Israel González Carrasco, Jose Luis Lopez Cuadrado, Daniel Villanueva Vazquez, Alvaro Gonzalez. CESARSC: Framework for creating Cultural Entertainment Systems with Augmented Reality in Smart Cities. *Computer Science and Information Systems*. 2016. JCR Q4

15. Daniel Villanueva Vazquez, Ruben Posada Lopez, Israel González Carrasco, Ángel García Crespo, Albino Martínez-Sibaja. Toward an Automatic Parameterization System for the Classification of Persian Lemons Using Image-Processing Techniques. *Journal of Food Process Engineering*. 2015, Vol.38(4), pp.345-356 JCR Q3
16. Revuelta, P., Ruiz, B., Sánchez, J.M., Walker, B.N. Scenes and images into sounds: a taxonomy of image sonification methods for mobility applications. *Journal of the AES*. Vol 62 pp 161-171. 2014. JCR Q2
17. González Carrasco, I., García Crespo, A., Ruiz Mezcuca, B., López Cuadrado, J.L., Colomo Palacios, R. Towards a framework for multiple artificial neural network topologies validation by means of statistics. *Expert Systems*. Vol 31 pp 20-36. 2014. JCR Q3

EQUIPO 9 – SOFTLAB (parte del antiguo Equipo 7)

1. García-Crespo, Á., López-Cuadrado, J. L., González-Carrasco, I., Colomo-Palacios, R., & Ruiz-Mezcuca, B. (2012). SINVLIO: Using semantics and fuzzy logic to provide individual investment portfolio recommendations. *Knowledge-Based Systems*, 27, 103-118. JCR: Q1.
2. Gonzalez-Carrasco, I., Garcia-Crespo, A., Ruiz-Mezcuca, B., & Lopez-Cuadrado, J. L. (2012). An optimization methodology for machine learning strategies and regression problems in ballistic impact scenarios. *Applied Intelligence*, 36(2), 424-441. JCR: Q2.
3. Gonzalez-Carrasco, I., Garcia-Crespo, A., Ruiz-Mezcuca, B., & Lopez-Cuadrado, J. L. (2012). A neural network--based methodology for the recreation of high-speed impacts on metal armours. *Neural Computing and Applications*, 21(1), 91-107. JCR: Q3.

Equipo 10 - GIGABD

1. Harith Aljumaily, Debra Laefer, Dolores Cuadra. Integration of LiDAR and GIS data for point cloud semantic enrichment (2019). *Photogrammetric Engineering & Remote Sensing*, Volume 85, Number 1, January 2019, pp. 29-42(14) (Q1, 5.990).
2. Javier Calle, Jesica Rivero, Dolores Cuadra, Pedro Isasi. Extending ACO for Fast Path Search in Huge Graphs and Social Networks (2017). *Expert Systems with Applications* (Q1, 3.98).
3. Alejandro Baldominos, Javier Calle, Dolores Cuadra. Beyond Social Graphs: Mining Patterns Underlying Social Interactions (2017). *Pattern Analysis and Applications* (Q4, 0.646).
4. Rocío Calvo, Ana Iglesias & Leonardo Castaño, (2017). Evaluation of accessibility barriers and learning features in m-learning chat applications for users with disabilities. *Universal Access in the Information Society* (JCR: Impact Factor: 1.302). Vol. 16(3). Pp 593-607.
5. Javier Calle, Jesica Rivero, Dolores Cuadra, Pedro Isasi. Extending ACO for Fast Path Search in Huge Graphs and Social Networks (2017). *Expert Systems with Applications* (Q1, 3.98).
6. Harith Al-Jumaily, Debra Laefer, Dolores Cuadra. Urban Point Cloud Mining Based on Density Clustering and MapReduce (2017). *Journal of Computing in Civil Engineering* 31 (5), 04017021 (Q1, 1.268).
7. Alejandro Baldominos, Javier Calle, Dolores Cuadra. Beyond Social Graphs: Mining Patterns Underlying Social Interactions (2017). *Pattern Analysis and Applications* (Q4, 0.646).

8. Ana Iglesias, Lourdes Moreno, Javier Jiménez y Pablo Revuelta, (2016). Avoiding communication barriers in the classroom: The APEINTA project. 2016. Interactive Learning Environments (JCR: Impact Factor: 1.674). Volumen: Volumen: 24, no.4, Pp. 829-843.
9. E. Barra, J. Morato (2015) Early knowledge organization assisted by aspects, Sc Comp. Prog.
10. Harith Al-Jumaily, Debra Laefer, Dolores Cuadra (2015). Big-Data Approach for Three-Dimensional Building Extraction from Aerial Laser Scanning. J. Comput. Civ. Eng. , 10.1061/(ASCE)CP.1943-5487.0000524 , 04015049. (Q1, 1.268).
11. Rocío Calvo-Martin, Ana Iglesias, Lourdes Moreno, (2014). User-Centered Requirement Engineering for Accessible Chats in m-Learning , January, 2014, Journal of Universal Computer Science (JCR: Impact Factor 0.466), Volumen: 20, no. 7, Páginas: 964-985.
12. Ana Iglesias, Lourdes Moreno, Paloma Martínez, Rocío Calvo-Martin (2014). Evaluating the accessibility of three open-source learning content management systems: a comparative study. 2014. Computer Applications in Engineering Education (JCR: Impact Factor: 0.296). Volumen: Volumen: 22, no.2, Pp. 320-328.
13. Rocío Calvo-Martin, Ana Iglesias, Lourdes Moreno, (2014). Accessibility barriers for users of screen readers in the Moodle learning content management system. Universal Access in the Information Society (JCR: Impact Factor: 0.475), Volumen: 13(3), Pp. 315-327
14. César de Pablo-Sánchez, Isabel Segura-Bedmar, Paloma Martínez, Ana Iglesias, (2013). Lightly supervised acquisition of named entities and linguistic patterns for multilingual text mining. Knowledge and Information Systems Journal (Impact Factor 2011: 2.639), Springer London, ISSN: 0219-1377, Volumen: 35, Número: 1, Páginas: 87-109
15. Morato, J, Sanchez-Cuadrado, S, Dimou, C, Yadav, D, Palacios, V. (2013) Evaluation of Semantic Retrieval Systems on the Semantic Web. Library Hi-Tech, Vol. 31 (4)