

SEGUIMIENTO Y RENOVACIÓN DE LA ACREDITACIÓN
DE ENSEÑANZAS UNIVERSITARIAS CONDUCENTES A TÍTULOS OFICIALES DE DOCTORADO

INGENIERÍA INFORMÁTICA (R.D.99/2011)

Curso 2021-2022

Tablas de datos e indicadores

**Tabla 3. Contribuciones científicas de los estudiantes en el
Programa de Doctorado**

(Información disponible en el Registro de Actividades RAPI)

Elaborado por: Unidad de Evaluación de la Calidad

Destinatario: Responsables académicos del Programa de Doctorado

Fecha de elaboración: ABRIL 2023

Contribuciones científicas, por línea de investigación, de los doctorandos matriculados desde 2018-2019, relacionadas con sus tesis doctorales

Nota: Datos obtenidos por la UEC con la colaboración de los Servicios Informáticos (CPD). En la tabla figuran las contribuciones científicas de los estudiantes del Programa de Doctorado que están matriculados en el año 2018 y posteriores, hasta el curso 2021-2022, incluido.

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Criptografía y la Seguridad de la Información.	BATISTA GUERRA, FARRAH KRISTEL	37737	Malware propagation in Wireless Sensor Networks: global models vs Individual	09/01/2017	Martín del Rey, Á., Batista F.K., Queiruga-Dios, A. (2017). Malware propagation in Wireless Sensor Networks: global models vs Individual-based models. ADCAIJ: Advances in Distributed Computing and Artificial Intelligence Journal. 6. 5. 10.14201/ADCAIJ201763515.	Open Access Journal Revistas USAL
Criptografía y la Seguridad de la Información.	BATISTA GUERRA, FARRAH KRISTEL	37735	Malware Propagation Software for Wireless Sensor Networks	16/07/17	Batista F.K., Martín del Rey Á., Queiruga-Dios A. (2018) Malware Propagation Software for Wireless Sensor Networks. In: De la Prieta F. et al. (eds) Trends in Cyber-Physical Multi-Agent Systems. The PAAMS Collection - 15th International Conference, PAAMS 2017. PAAMS 2017. Advances in Intelligent Systems and Computing, vol 619. Springer, Cham	Congreso Internacional
Criptografía y la Seguridad de la Información.	BATISTA GUERRA, FARRAH KRISTEL	37736	A SEIR Model for Computer Virus Spreading Based on Cellular Automata	23/08/17	Batista F.K., Martín del Rey Á., Quintero-Bonilla S., Queiruga-Dios A. (2018) A SEIR Model for Computer Virus Spreading Based on Cellular Automata. In: Pérez García H., Alfonso-Cendón J., Sánchez González L., Quintián H., Corchado E. (eds) International Joint Conference SOCO;17-CISIS;17-ICEUTE;17 León, Spain, September 6;8, 2017, Proceeding. SOCO 2017, CISIS 2017, ICEUTE 2017. Advances in Intelligent Systems and Computing, vol 649. Springer, Cham	Congreso Internacional
Criptografía y la Seguridad de la Información.	BATISTA GUERRA, FARRAH KRISTEL	70682	A Review of SEIR-D Agent-Based Model	25/06/19	Batista F.K., del Rey A.M., Queiruga-Dios A. (2020) A Review of SEIR-D Agent-Based Model. In: Herrera-Viedma E., Vale Z., Nielsen P., Martín Del Rey A., Casado Vara R. (eds) Distributed Computing and Artificial Intelligence, 16th International Conference, Special Sessions. DCAI 2019. Advances in Intelligent Systems and Computing, vol 1004. Springer, Cham	Year: 2018, SJR: 0.174
Criptografía y la Seguridad de la Información.	BATISTA GUERRA, FARRAH KRISTEL	70692	A new individual-based model to simulate malware propagation in wsn	13/03/20	Batista, F.K.; Martín del Rey, A.; Queiruga-Dios, A. A New Individual-Based Model to Simulate Malware Propagation in Wireless Sensor Networks. Mathematics 2020, 8, 410.	Current Impact Factor: 1.105 JCR category rank: 73/313 (Q1) in 'Mathematics'
Criptografía y la Seguridad de la Información.	CONDE PENA, MARTA	7517	Publicación en PKC 2015.	-	-	-
Criptografía y la Seguridad de la Información.	CONDE PENA, MARTA	676	Publicación en International Joint Conference SOCO13-CISIS13-ICEUTE13	-	-	-
Criptografía y la Seguridad de la Información.	GARCÍA COBO, IVÁN	90763	Capítulo en el Libro "THE ROLE OF A.I. AND DIST. COMP. IN IOT APPS."	09/01/2020	@book{2020, doi = {10.14201/0aq0287}, url = {https://doi.org/10.14201%2F0aq0287}, year = 2020, publisher = {Ediciones Universidad de Salamanca}, editor = {Sara Rodríguez González and Fernando de la Prieta Pintado and Jos Alberto García Coria and Roberto Casado Vara}, title = {The role of	N/A

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					Artificial Intelligence and distributed computing in {IoT} applications}}	
Criptografía y la Seguridad de la Información.	GARCÍA COBO, IVÁN	90588	Artículo en "Future Generation Computer Systems Volume 115, February 2021"	10/09/2020	@article{Garc_a_Cobo_2020, doi = {10.1016/j.future.2020.09.037}, url = {https://doi.org/10.1016%2Fj.future.2020.09.037}, year = 2020, month = {oct}, publisher = {Elsevier [BV]}, author = {Iv{a}n Garc{a}a-Cobo and H{ector D. Men{endez}}, title = {Designing large quantum key distribution networks via medoid-based algorithms}, journal = {Future Generation Computer Systems}}	2019 Journal Impact Factor=6,413=6.1251,047 JCR YEAR:2019 RANK:8/108 Quartile :Q1 JIF Percentile:93.056
Criptografía y la Seguridad de la Información.	GARCÍA COBO, IVÁN	145496	Procs. IV Workshop on Disruptive Inf. and Comm Techs for Inn. & Dig. Transf	03/01/2022	I. García-Cobo and Á. Martín del Rey, ¿Gestión Inteligente de Red Cuántica,¿ Proc. IV Work. Disruptive Inf. Commun. Technol. Innov. Digit. Transform. 18th June 2021 Online, pp. 105-116, Mar. 2022, doi:10.14201/OAQ0315105116.	N/I
Criptografía y la Seguridad de la Información.	GONZÁLEZ DE LA TORRE, MIGUEL ÁNGEL	156263	Comunicación aceptada en el congreso JNIC 2022 Bilbao.	29/06/22	@Article{Gonzalez:2022:FOC, Title = {About the {F}rodo{KEM} latticed-based algorithm}, Author = {M.A. {Gonz{alez de la Torre} and L. {Hern{andez Encinas} and A.{Queiruga Dios}}, Year = {2022}, note = {Enviado y aceptado para su publicación en las Jornadas Nacionales de Investigación en Ciberseguridad (JNIC 2022)}}	Se ha enviado y ha sido aceptado un artículo en la modalidad "investigación en proceso" al JNIC 2022, uno de los congresos más importantes a nivel nacional sobre ciberseguridad.
Criptografía y la Seguridad de la Información.	Hernández Guillén, José Diamantino	21653	Uso de herramientas matemáticas para un modelo MSEIR que simula malware	12/05/2016	Martín-Vaquero, J., del Rey, A. M., Encinas, A. H., Guillén, J. H., Queiruga-Dios, A., & Sánchez, G. R. (2016). Higher-order nonstandard finite difference schemes for a MSEIR model for a malware propagation. Journal of Computational and Applied Mathematics.	.
Criptografía y la Seguridad de la Información.	Hernández Guillén, José Diamantino	30057	Study of the stability of a SEIRS model for computer worm propagation	08/01/2017	Guillén, J. H., del Rey, A. M., & Encinas, L. H. (2017). Study of the stability of a SEIRS model for computer worm propagation. Physica A: Statistical Mechanics and its Applications, 479, 411-421.	ISI JCR-SCI
Criptografía y la Seguridad de la Información.	Hernández Guillén, José Diamantino	54780	Study of the malware SCIRS model with different incidence rates	09/12/2018	A. Martín del Rey, J.D. Hernández Guillén, G. Rodríguez Sánchez, Study of the malware SCIRS model with different incidence rates, Log. J. IGPL 27(2) (2019) 202-213	[JCR-SCI]
Criptografía y la Seguridad de la Información.	Hernández Guillén, José Diamantino	75442	Security countermeasures of a SCIRAS model	23/09/19	J.D. Hernández Guillén, A. Martín del Rey, R. Casado Vara, Security countermeasures of a SCIRAS model for advanced malware propagation, IEEE Access 7 (2019) 135472-13547	Revista indexada en Web of Science: Factor de impacto: 4,098. Factor de impacto a 5 años: 4,54. Revista indexada en Scopus: Impacto de citación: 4.96.

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Criptografía y la Seguridad de la Información.	Hernández Guillén, José Diamantino	75450	A mathematical model for malware spread on WSNs with population dynamics	05/01/2020	J.D. Hernández Guillén, A. Martín del Rey, A mathematical model for malware spread on WSNs with population dynamics, Physica A 545 (2020) Article ID 123609	Revista indexada en Web of Science: Factor de impacto: 2,5. Factor de impacto a 5 años: 2,464 Revista indexada en Scopus (2020): Impacto de citación: 2.82. Ranking de la revista: Statistics and Probability: Percentil 91.
Criptografía y la Seguridad de la Información.	Hernández Guillén, José Diamantino	32806	Nueva publicación científica	-	-	-
Criptografía y la Seguridad de la Información.	Hernández Guillén, José Diamantino	32805	Nueva publicación científica	-	-	-
Criptografía y la Seguridad de la Información.	Hernández Guillén, José Diamantino	32807	Nueva publicación científica	-	-	-
Criptografía y la Seguridad de la Información.	Hernández Guillén, José Diamantino	32808	Nueva publicación científica	-	-	-
Criptografía y la Seguridad de la Información.	Hernández Guillén, José Diamantino	32803	Una nueva publicación científica	-	-	-
Criptografía y la Seguridad de la Información.	Hernández Guillén, José Diamantino	32804	Una nueva publicación científica	-	-	-
Criptografía y la Seguridad de la Información.	MAURIN SALDAÑA, ESTEBAN ENRIQUE	164284	Publicación en Revista Científica Springer-Communications in Computer	30/10/22	https://doi.org/10.1007/978-3-031-18082-8_23	En desarrollo
Criptografía y la Seguridad de la Información.	QUINTERO BONILLA, SANTIAGO	37734	New Perspectives in the Study of Advanced Persistent Threats	16/07/17	Quintero-Bonilla S., Martín del Rey A., Queiruga-Dios A. (2018) New Perspectives in the Study of Advanced Persistent Threats. In: De la Prieta F. et al. (eds) Trends in Cyber-Physical Multi-Agent Systems. The PAAMS Collection - 15th International Conference, PAAMS 2017. PAAMS 2017. Advances in Intelligent Systems and Computing, vol 619. Springer, Cham	Congreso Internacional
Criptografía y la Seguridad de la Información.	QUINTERO BONILLA, SANTIAGO	37738	A SEIR Model for Computer Virus Spreading Based on Cellular Automata	23/08/17	Batista F.K., Martín del Rey Á., Quintero-Bonilla S., Queiruga-Dios A. (2018) A SEIR Model for Computer Virus Spreading Based on Cellular Automata. In: Pérez García H., Alfonso-Cendón J., Sánchez González L., Quintián H., Corchado E. (eds) International Joint Conference SOCO'17-CISIS'17-ICEUTE'17 León, Spain, September 6-8, 2017, Proceeding. SOCO 2017, CISIS 2017, ICEUTE 2017. Advances in Intelligent Systems and Computing, vol 649. Springer, Cham	Congreso Internacional
Criptografía y la Seguridad de la Información.	QUINTERO BONILLA, SANTIAGO	75670	Proposed Models for Advanced Persistent Threat Detection: A Review	25/06/19	Quintero-Bonilla S., del Rey A.M. (2020) Proposed Models for Advanced Persistent Threat Detection: A Review. In: Herrera-Viedma E., Vale Z., Nielsen P., Martín Del Rey A., Casado Vara R. (eds) Distributed Computing and Artificial Intelligence, 16th International Conference, Special Sessions. DCAI 2019. Advances in Intelligent Systems and Computing, vol 1004. Springer, Cham	Year: 2018, SJR: 0.174

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Criptografía y la Seguridad de la Información.	QUINTERO BONILLA, SANTIAGO	79249	A New Proposal on the Advanced Persistent Threat: A Survey	06/03/2020	Quintero-Bonilla, S.; Martín del Rey, A. A New Proposal on the Advanced Persistent Threat: A Survey. Appl. Sci. 2020, 10, 3874.	Applied Sciences (ISSN: 2076-3417) Current Impact Factor: 2.217 JCR category rank: 67/148 (Q2) in 'Physics, Applied'
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Abbasi Nokar, Mahmoud	164948	Security in the Internet of Things application layer: requirements, threats	10/08/2022	DOI: 10.1109/ACCESS.2022.3205351	Q1
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Abbasi Nokar, Mahmoud	153296	Security of IoT application layer: requirements, threats, and solutions	-	-	-
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Márquez Sánchez, Sergio	82967	Smart PPE and CPE Platform for Electric Industry Workforce	14/05/19	Sánchez, S. M., Vara, R. C., Criado, F. J. G., González, S. R., Tejedor, J. P., & Corchado, J. M. (2019, May). Smart PPE and CPE Platform for Electric Industry Workforce. In International Workshop on Soft Computing Models in Industrial and Environmental Applications (pp. 422-431). Springer, Cham.	ISSN 2194-5357 SJR Q3
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Márquez Sánchez, Sergio	83073	Electronic Textiles for Intelligent Prevention of Occupational Hazards	27/06/19	Sánchez, S. M. (2019, June). Electronic Textiles for Intelligent Prevention of Occupational Hazards. In International Symposium on Distributed Computing and Artificial Intelligence (pp. 217-220). Springer, Cham.	SJR 0
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Márquez Sánchez, Sergio	83074	Smart Protective Protection Equipment for an accessible work environment an	30/01/20	Sánchez, M., Rodríguez, C., & Manuel, J. (2020, January). Smart Protective Protection Equipment for an accessible work environment and occupational hazard prevention. In 2020 10th International Conference on Cloud Computing, Data Science & Engineering (Confluence) (pp. 581-585). IEEE.	SJR Q0
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Márquez Sánchez, Sergio	86480	Edge Computing Driven Smart Personal Protective System	06/05/2020	Sánchez, S. M., Lecumberri, F., Sati, V., Arora, A., Shoeibi, N., Rodríguez, S. G., & Corchado, J. M. (in press) Edge Computing Driven Smart Personal Protective System deployed on NVIDIA Jetson and integrated with ROS. Highlights in Practical Applications of Agents, Multi-Agent Systems, and Trust-worthiness (in press)	-
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Márquez Sánchez, Sergio	86479	Smart Belt Design by Naïve Bayes Classifier	30/05/20	Sánchez, S. M., Campero, I. J., Quintanar, J. G., Rodríguez, S. G., & Corchado, J. M. (in press) Smart Belt Design by Naïve Bayes Classifier for Standard Industrial Protection Equipment Integration. International Journal of Artificial Intelligence ISSN 0976-0635 (in press) Springer	SJR Q1
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Márquez Sánchez, Sergio	109299	Integral Support Predictive Platform for Industry 4.0	16/12/20	Sánchez, S. M. (2020). Integral Support Predictive Platform for Industry 4.0. ADCAIJ: Advances in Distributed Computing and Artificial Intelligence Journal, 9(4), 71-82.	ISSN online: 2255-2863
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Márquez Sánchez, Sergio	109338	Smart Helmet 5.0 for industrial internet of things using artificial	11/01/2021	Campero-Jurado, I., Márquez-Sánchez, S., Quintanar-Gómez, J., Rodríguez, S., & Corchado, J. M. (2020). Smart Helmet 5.0 for industrial internet of things using artificial intelligence. Sensors, 20(21), 6241.	JCR Q1

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
			intelli			
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Márquez Sánchez, Sergio	137319	Technological Developments of Mobility in Smart Cities. An Economic Approach	07/06/2021	Parra-Domínguez, J., Herrera Santos, J., Márquez-Sánchez, S., González-Briones, A., &De la Prieta, F. (2021). Technological developments of mobility in smart cities. An Economic Approach. Smart Cities, 4(3), 971-978.	
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Márquez Sánchez, Sergio	137311	Intelligent Platform Based on Smart PPE for Safety in Workplaces	07/07/2021	Márquez-Sánchez, S., Campero-Jurado, I., Herrera-Santos, J., Rodríguez, S., &Corchado, J. M. (2021). Intelligent Platform Based on Smart PPE for Safety in Workplaces. Sensors, 21(14), 4652.	JCR - Q1
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Márquez Sánchez, Sergio	109354	Intelligent Dolls and robots for the treatment of elderly people with demen	31/07/21	Sánchez, S. M., Mora-Simon, S., Herrera-Santos, J., Roncero, A. O., &Corchado, J. M. (2020). Intelligent Dolls and robots for the treatment of elderly people with dementia. ADCAIJ:Advances in Distributed Computing and Artificial Intelligence Journal, 9(1), 99-112.	Revista Indexada
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Márquez Sánchez, Sergio	109329	BeSafe B2. 0 Smart Multisensory Platform for Safety in Workplaces	05/12/2021	Márquez-Sánchez, S., Campero-Jurado, I., Robles-Camarillo, D., Rodríguez, S., &Corchado-Rodríguez, J. M. (2021). BeSafe B2. 0 Smart Multisensory Platform for Safety in Workplaces. Sensors, 21(10), 3372.	JCR Q1
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Márquez Sánchez, Sergio	137317	Validation of Embedded State Estimator Modules for Decentralized Monitoring	03/09/2022	Junior, R. M. G., Márquez-Sánchez, S., Santos, J. H., de Almeida, R. M. A., London Junior, J. B. A., &Rodríguez, J. M. C. (2022). Validation of Embedded State Estimator Modules for Decentralized Monitoring of Power Distribution Systems Using IoT Components. Sensors, 22(6), 2104.	JCR - Q1
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	MARTÍNEZ VALDÉS, JOSÉ ALFREDO	53881	An experience with the App Inventor in CS0 for the development of the STEM	25/10/18	J. A. Martínez-Valdés and N. A. Martínez-Iljají. 2018. An experience with the App Inventor in CS0 for the development of the STEM didactics. In Proceedings of the 6th International Conference on Technological Ecosystems for Enhancing Multiculturality (TEEM 2018) (Salamanca, Spain, October 24- 26, 2018), F. J. García-Peñalvo Ed. ACM, New York, NY, USA, 6 pages. https://doi.org/10.1145/3284179.3284189	https://doi.org/10.1145/3284179.3284189
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	MARTÍNEZ VALDÉS, JOSÉ ALFREDO	83817	The role of basic mathematics concepts in programming teaching and learning	18/10/19	J. A. Martínez-Valdés, F. J. García-Peñalvo, and J. Á. Velázquez-Iturbide. 2019. The role of basic mathematics concepts in programming teaching and learning. In Seventh International Conference on Technological Ecosystems for Enhancing Multiculturality - TEEM 2019 ACM, León, Spain.	3
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Vázquez Ingelmo, Andrea	64942	Taking advantage of the SPL paradigm to generate customized user	07/01/2019	Vázquez-Ingelmo A, García-Peñalvo FJ, Therón R. 2019. Taking advantage of the software product line paradigm to generate customized user interfaces for decision-making processes:a case study on university employability. PeerJ Computer Science 5:e203 https://doi.org/10.7717/peerj-cs.203	Factor de Impacto: 2.35

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			interfaces			
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Vázquez Ingelmo, Andrea	66132	Connecting domain-specific features to source code	11/05/2019	Vázquez-Ingelmo, A., García-Peñalvo, F.J., Therón, R., Amo Filvà, D., Fonseca Escudero, D., Cluster Computing (2019). https://doi.org/10.1007/s10586-019-03012-1	Factor de impacto: 1.851
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Vázquez Ingelmo, Andrea	64941	Information Dashboards and Tailoring Capabilities - A Systematic Literature Review	08/06/2019	Vázquez-Ingelmo, A., García-Peñalvo, F. J., &Therón, R. (2019). Information Dashboards and Tailoring Capabilities - A Systematic Literature Review. IEEE Access, 7, 109673-109688. doi:10.1109/ACCESS.2019.2933472	Factor de Impacto: 4.098 JCR Q1, 23/155 COMPUTER SCIENCE, INFORMATION SYSTEMS - SCIE
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Vázquez Ingelmo, Andrea	70936	Representing Data Visualization Goals and Tasks Through Meta-Modeling	27/03/20	Vázquez-Ingelmo, A.;García-Peñalvo, F.J.;Therón, R.;Conde, M.Á. Representing Data Visualization Goals and Tasks Through Meta-Modeling to Tailor Information Dashboards. Appl. Sci. 2020, 10, 2306.	Factor de impacto: 2.217
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Vázquez Ingelmo, Andrea	108288	A Meta-Model Integration for Supporting Knowledge Discovery in Specific Dom	22/07/20	Vázquez-Ingelmo, A.;García-Holgado, A.;García-Peñalvo, F.J.;Therón, R. A Meta-Model Integration for Supporting Knowledge Discovery in Specific Domains:A Case Study in Healthcare. Sensors 2020, 20, 4072. https://doi.org/10.3390/s20154072	Impact factor: 3.275
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Vázquez Ingelmo, Andrea	108294	Towards a Technological Ecosystem to Provide Information Dashboards...	04/05/2021	Vázquez-Ingelmo, A.;García-Peñalvo, F.J.;Therón, R. Towards a Technological Ecosystem to Provide Information Dashboards as a Service:A Dynamic Proposal for Supplying Dashboards Adapted to Specific Scenarios. Appl. Sci. 2021, 11, 3249. https://doi.org/10.3390/app11073249	Impact factor: 2.842
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Vázquez Ingelmo, Andrea	108296	Application of AI Algorithms Within the Medical Context	20/05/21	F. J. García-Peñalvo et al., "Application of Artificial Intelligence Algorithms Within the Medical Context for Non-Specialized Users: the CARTIER-IA Platform," International Journal of Interactive Multimedia and Artificial Intelligence, vol. 6, no. 6, pp. 46-53, 2021. doi: 10.9781/ijimai.2021.05.005.	Impact Factor:2.561
Ingeniería del Software e Ingeniería del Conocimiento.Interacción Persona-Ordenador	Vázquez Ingelmo, Andrea	150399	A graphical platform for building machine learning pipelines adapted...	06/02/2022	García-Peñalvo, F. J., Vázquez-Ingelmo, A., García-Holgado, A., Sampedro-Gómez, J., Sánchez-Puente, A., Vicente-Palacios, V., . . . Sánchez, P. L. (In Press).Koopaml:A graphical platform for building machine learning pipelines adapted to health professionals. International Journal of Interactive Multimedia and Artificial Intelligence.	JCR SCIE ¿ COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE ¿ Q2 (58 of 139 ¿ percentile 58.63);COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS ¿ Q2 (55 of 112 ¿ percentile 51.34) ¿ JIF 3.137);(JCR JCI ¿ COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS ¿ Q2 (65 of 142 ¿ percentile 54.58);COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE ¿ Q2 (68 of 175 ¿ percentile 61.43) ¿ JCI 0.76

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Métodos numéricos.	Albuquerque Ferreira, Augusto César	112851	A strategy to avoid ill-conditioned stars in the GFDM for solving 1D	24/01/21	Albuquerque-Ferreira, AC, Ureña, M, Ramos, H. A strategy to avoid ill-conditioned stars in the generalized finite difference method for solving one-dimensional problems. <i>Comp and Math Methods</i> . 2021:e1149. https://doi.org/10.1002/cmm4.1149	Doble revisión por pares. Miembro del Committee on Publication Ethics. Publicación en formato Open Access. Equipo editorial internacional. Indexada en Google Scholar, MathSciNet, EBESCO, ProQuest, Publons.
Métodos numéricos.	Albuquerque Ferreira, Augusto César	111068	The GFDM with third- and fourth-order approximations	27/03/21	A.C. Albuquerque-Ferreira, Miguel Ureña, Higinio Ramos, The generalized finite difference method with third- and fourth-order approximations and treatment of ill-conditioned stars, <i>Engineering Analysis with Boundary Elements</i> , Volume 127, 2021, Pages 29-39, ISSN 0955-7997, https://doi.org/10.1016/j.enganabound.2021.03.005 . (https://www.sciencedirect.com/science/article/pii/S0955799721000503)	factor de impacto de 2.884, estando en el cuartil Q1 (18/106) .
Métodos numéricos.	Albuquerque Ferreira, Augusto César	148345	Artigo publicado en la revista <i>Mathematical Methods In The Applied Sciences</i> XIV Congreso Nacional de Materiales and Iberian Meeting on Materials Scie	23/05/22	Albuquerque-Ferreira, AC, Ureña, M, Ramos, H. A technique for generating adapted discretizations to solve partial differential equations with the generalized finite difference method. <i>Math Meth Appl Sci</i> . 2022; 1- 16. doi:10.1002/mma.8386	Factor de impacto: 2,321 Cuartil: Q1
Métodos numéricos.	Escuadra Burrieza, José	42394	-	-	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	ALVEAR PUERTAS, VANESSA ESTEFANIA	146770	SHORT PAPER: Efficient Lightweight Cryptography Algorithm in IoT Devices	22/05/22	Rosero-Montalvo, P. and Alvear-Puertas, V. (2022). Efficient Lightweight Cryptography Algorithm in IoT Devices with Real-time Criteria. In <i>Proceedings of the 7th International Conference on Internet of Things, Big Data and Security - IoTBDS</i> , ISBN 978-989-758-564-7; ISSN 2184-4976, pages 103-109. DOI: 10.5220/0010922800003194	7º Conferencia Internacional sobre Internet de las Cosas, Big Data y Seguridad (IoTBDS 2022) organizada y patrocinada por el Instituto de Sistemas y Tecnologías de la Información, Control y Comunicación (INSTICC).
Minería de Datos, Analítica Visual y Visualización de la Información.	ALVEAR PUERTAS, VANESSA ESTEFANIA	164664	Publicación Científica: Smart and Portable Air-Quality Monitoring IoT devic	16/09/22	Alvear-Puertas, V.E.; Burbano-Prado, Y.A.; Rosero-Montalvo, P.D.; Tozun, P.; Marcillo, F.; Hernandez, W. Smart and Portable Air-Quality Monitoring IoT Low Devices in Ibarra City, Ecuador. <i>Sensors</i> 2022, 22, 7015. https://doi.org/10.3390/s22187015	Sensors (ISSN:1424-8220); Current Impact Factor: 3.847; JCR category rank: Q2
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	28176	A spatio-temporal visual analysis tool for historical dictionaries	11/02/2016	Alejandro Benito, Antonio G. Losada, Roberto Therón, Amelie Dorn, Melanie Seltmann, and Eveline Wandl-Vogt. 2016. A spatio-temporal visual analysis tool for historical dictionaries. In <i>Proceedings of the Fourth International Conference on Technological Ecosystems for Enhancing Multiculturality (TEEM '16)</i> , Francisco José García-Peñalvo (Ed.). ACM, New York, NY, USA, 985-990. DOI: https://doi.org/10.1145/3012430.3012636 , Scopus.	Scopus

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	28269	"A visual historical exploration tool for lexical resources..."	17/10/16	Alejandro Benito, Antonio Losada, Roberto Therón, Eveline Wandl-Vogt, Amelie Dorn and Melanie Seltmann. A visual historical exploration tool for lexical resources: the case of Austrian language. Session at: Digital Humanities in Estonia 2016; 2016 Oct 12-14; Tartu, Estonia.	NP
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	28251	Artículo IEEE CG&A "BKViz: A Basketball Visual Analysis Tool"	21/11/16	Losada, Antonio G., Roberto Theron, and Alejandro Benito. "BKViz: A Basketball Visual Analysis Tool." IEEE Computer Graphics and Applications 36.6 (2016): 58-68.	JCR 1.203
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	40765	Presentación en COST ENeL closing meeting Leiden 2017	10/01/2017	Benito Santos, Alejandro & Goikhman, Alisa & Dorn, Amelie & Gura, Caitlin & Piringer, Barbara. (2017). Exposing cultural heritage through computer screens: The role of user-centered design in the DH. COST ENeL closing Meeting. Leiden. 10.13140/RG.2.2.13207.27040. https://www.researchgate.net/publication/319878273_Exposing_cultural_heritage_through_computer_screens_The_role_of_user-centered_design_in_the_DH	NP
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	40537	Contribución en 2nd Workshop on Visualization for the Digital Humanities.	10/02/2017	Benito, A., Therón, R., Losada, A., Wandl-Vogt, E. and Dorn, A., Exploring Lemma Interconnections in Historical Dictionaries. 2nd Workshop on Visualization for the Digital Humanities. October 2017 - Phoenix, Arizona, USA.	NP
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	28259	"Where the words are: A visual interactive exploration of plants names"	20/02/17	Roberto Therón, Amelie Dorn, Melanie Seltmann, Alejandro Benito, Eveline WandlVogt and Antonio Gabriel Losada Gómez. Where the words are: a visual interactive exploration of plants names. Poster presented at: Digital Humanities im deutschsprachigen Raum; 2017 Feb 13-18; Bern, Switzerland.	NP
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	28239	Artículo "Visualización de datos en Humanidades Digitales"	05/08/2017	Alejandro Benito y Roberto Therón. Visualización de datos en Humanidades Digitales. Avances en Informática y Automática. Décimo Workshop. pp 14-37. ISBN: 978-84-617-9707-3	Gredos USAL
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	28492	Editor en Avances en Informática y Automática. Décimo Workshop. pp 14-37.	05/08/2017	Avances en Informática y Automática. Décimo Workshop. pp 14-37. ISBN: 978-84-617-9707-3. http://hdl.handle.net/10366/133039	Gredos
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	28255	Capítulo del libro Visualization in Linguistics (LingVis)	06/08/2017	· Alejandro Benito, Antonio G. Losada, Roberto Therón, Eveline Wandl-Vogt and Amelie Dorn. (Accepted, in press) An interactive visualization of the Historical Dictionary of Bavarian Dialects in Austria. Visualization in Linguistics (LingVis). CSLI Publications.	NP
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	40521	Co-Designing Innovation Networks for Cross-Sectoral Collaboration	18/10/17	Gura, C., Dorn, A., Benito, A., Wandl-Vogt, E. and Losada, A., 2017, October. Co-Designing Innovation Networks for Cross-Sectoral Collaboration on the Example of exploreAT!. In Proceedings of the 5th International Conference on Technological Ecosystems for Enhancing Multiculturality (p. 86). ACM.	NP
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	40530	A web-oriented reactive visualization architecture for	31/10/17	Benito, A., Losada, A., Therón R., Dorn, A. and Wandl-Vogt, E. and , 2017. A web-oriented reactive visualization architecture for data-driven research in the Digital Humanities. III Congreso de la Sociedad Internacional Humanidades Digitales Hispánicas Sociedades, políticas,	NP

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
			data-driven research		saberes. Málaga, 18(20).	
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	28493	Revisor Científico Libro Visualization in Linguistics (LingVis)	06/12/2017	Visualization in Linguistics (LingVis). CSLI Publications 2017. (In press)	NP
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	57947	Data-Driven Visual Performance Analysis in Soccer:An Exploratory Prototype	12/05/2018	A. Benito Santos, R. Theron, A. Losada, J. E. Sampaio, and C. Lago-Peñas, ¿Data-Driven Visual Performance Analysis in Soccer:An Exploratory Prototype,¿ Front. Psychol., vol. 9, 2018.	Factor de Impacto JCR: 2,089 (Q2)
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	40759	Publicación en DH2018	26/06/18	BenitoA ., Dorn A., Therón R., Wandl-Vogt E. and Losada A. Shedding Light on Indigenous Knowledge Concepts and World Perception through Visual Analysis, Digital Humanities 2018 Conference Abstracts , 2018 Universidad Nacional Autónoma de México.	NP
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	57948	Toward Supporting Decision-making Under Uncertainty in Digital Humanities w	24/10/18	R. Therón, A. G. Losada, A. Benito, and R. Santamaría, ¿Toward Supporting Decision-making Under Uncertainty in Digital Humanities with Progressive Visualization, in Proceedings of the Sixth International Conference on Technological Ecosystems for Enhancing Multiculturality, New York, NY, USA, 2018, pp. 826¿832.	Indexado en Scopus
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	57949	Applying Design Thinking and Gamification Methods to Construct a Serious Ga	27/05/19	[1]A. Benito Santos, A. Dorn, A. G. Losada Gómez, T. Palfinger, R. Therón Sánchez and E. Wandl-Vogt ¿Applying Design Thinking and Gamification Methods to Construct a Serious Game on the Topic of Food. The Example of ExploreAT!¿ Computers in Human Behavior (in review), May. 2019.	Factor de Impacto JCR:3,536
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	57952	Visual Exploration of Cross-domain Academic Corpora	05/06/2019	A. Benito Santos and R. Therón, ¿Visual Exploration of Cross-domain Academic Corpora via the Latent Meaning of User-authored Keywords,¿ IEEE Access, 2019. (in review)	Factor de Impacto JCR:3,557
Minería de Datos, Analítica Visual y Visualización de la Información.	Benito Santos, Alejandro	81484	Publicación en CG&A	14/02/20	A. Benito-Santos and R. T. Sánchez, "A Data-Driven Introduction to Authors, Readings, and Techniques in Visualization for the Digital Humanities," in IEEE Computer Graphics and Applications, vol. 40, no. 3, pp. 45-57, 1 May-June 2020, doi: 10.1109/MCG.2020.2973945.	1.725 (Q2) JCR 2019 - COMPUTER SCIENCE, SOFTWARE ENGINEERING - SCIE
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	8897	Publicación Congreso TEEM'13	10/07/2013	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	8893	Publicación Congreso SINTICE13	18/09/13	-	-

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Información.						
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	8895	Publicación Congreso EUREKA13	10/10/2013	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	8843	Publicación congreso TEEM'14	10/01/2014	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	8889	Publicación Revista The Scientific World Journal (JCR Q2)	20/03/14	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	8891	Publicación Revista ReVisión	15/05/14	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	8831	Publicación Revista Ars Pharmaceutica (SCOPUS)	27/06/14	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	8901	Publicación Congreso ICALT'14	07/09/2014	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	8839	Publicación en congreso SIIE (inglés)	14/11/14	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	8841	Publicación en congreso SIIE (castellano)	14/11/14	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	8829	Publicación Revista Computers in Human Behavior (JCR Q1)	06/01/2015	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	15013	Publicación revista IEEE VAEP-RITA	11/01/2015	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	15035	Publicación congreso TEEM'15	10/08/2015	-	-

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	15037	Publicación congreso Interacción 2015	15/09/15	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	15030	Publicación Congreso SIIE'15 IEEE	25/11/15	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	15027	Publicación Congreso SIIE'15	25/11/15	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	15017	Publicación Revista IEEE RITA	09/01/2016	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	27860	Paper en congreso TEEM'16	11/01/2016	García-Peñalvo, F. J., & Cruz-Benito, J. (2016, November). Computational thinking in pre-university education. In Proceedings of the Fourth International Conference on Technological Ecosystems for Enhancing Multiculturality (pp. 13-17). ACM.	Índice de impacto: 0.13, Fuente de impacto: SCOPUS (SJR), Categoría: Computer Science (miscellaneous)
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	15021	Publicación congreso HCI International 2016	17/07/16	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	27865	Artículo revista IEEE RITA	17/01/17	Cruz-Benito, J., Borrás-Gené, O., García-Peñalvo, F. J., Blanco, Á. F., & Therón, R. (2017). Learning Communities in Social Networks and Their Relationship With the MOOCs. IEEE Revista Iberoamericana de Tecnologías del Aprendizaje, 12(1), 24-36.	0.1, Categoría: Engineering (miscellaneous), Revista dentro del 25%; No, Fuente de impacto: SCOPUS (SJR). Indexado en WoS
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	27863	Publicación congreso HCI 2017	13/07/17	Cruz-Benito, J., Therón, R., García-Peñalvo, F. J., Sánchez-Prieto, J.C., Vázquez-Ingelmo, A., Martínez-González, M., & Martínez, J.M (In press). Improving success/completion ratio in large surveys: a proposal based on usability and engagement. In International Conference on Learning and Collaboration Technologies. Springer International Publishing.	Indexado en SCOPUS y WoS
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	37960	Publicación TEEM17	16/11/17	Vázquez-Ingelmo, A., Cruz-Benito, J., García-Peñalvo, F.J.: Improving the OEEU's data-driven technological ecosystems interoperability with GraphQL. Fifth International Conference Technological Ecosystems for Enhancing Multiculturality 2017 (TEEM'17). ACM, Cadiz, Spain (2017)	Indexado en SCOPUS
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	37977	Publicación 1/2 congreso CINAIC	10/12/2017	Gómez Isla, J., García-Sánchez, F., Cruz-Benito, J., González García, C.: Procesos colaborativos de crítica y reflexión para la coevaluación de proyectos artísticos de alumnos de Bellas Artes mediante el uso de las tecnologías móviles. IV Congreso Internacional sobre Innovación, Aprendizaje y Competitividad, CINAIC 2017. Servicio de Publicaciones Universidad de Zaragoza, Zaragoza, Spain (2017)	Indexado en Google Scholar

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	37978	Publicación 2/2 congreso CINAIC	11/12/2017	Therón, R., Cruz-Benito, J., García-Sánchez, F., Santamaría, R., García-Peñalvo, F.: Innovación en la enseñanza de la Interacción Persona-Ordenador: interfaces imaginadas, ciencia-ficción y trabajo con usuarios reales. IV Congreso Internacional sobre Innovación, Aprendizaje y Competitividad, CINAIC 2017. Servicio de Publicaciones Universidad de Zaragoza, Zaragoza, Spain (2017)	Indexado en Google Scholar
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	37958	Publicación IEEE Access	27/12/17	Cruz-Benito, J., Vázquez-Ingelmo, A., Sánchez-Prieto, J.C., Therozn, R., García-Penjalvo, F.J., Martiñ-González, M.: Enabling Adaptability in Web Forms Based on User Characteristics Detection Through A/B Testing and Machine Learning. IEEE Access 6, 2251-2265 (2018)	JCR. Q1
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	37974	Publicación congreso WorldCIST	15/03/18	Cruz-Benito, J., Sánchez-Prieto, J.C., Vázquez-Ingelmo, A., Therozn, R., García-Penjalvo, F.J., Martiñ-González, M.: How different versions of layout and complexity of web forms affect users after they start it? A pilot experience. In: World Conference on Information Systems and Technologies, pp. 971-979. Springer (2018)	Indexado en WoS y SCOPUS
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	37959	International Journal of Interactive Multimedia and Artificial Intelligence	20/05/18	García-Penjalvo, F.J., Cruz-Benito, J., Martiñ-González, M., Vázquez-Ingelmo, A., Sánchez-Prieto, J.C., Therozn, R.: Proposing a Machine Learning Approach to Analyze and Predict Employment and its Factors. International Journal of Interactive Multimedia and Artificial Intelligence (In press, 2018)	SCOPUS, Emerging Source Citations Index (ESCI)
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	37972	Publicación HCI 2018	19/07/18	Cruz-Benito, J., Faro, I., Martín-Fernández, F., Therón, R., García-Peñalvo, F.J.: A Deep-Learning-based proposal to aid users in Quantum Computing programming. HCI International 2018. Springer, Las Vegas, USA (2018)	Indexado en SCOPUS y WOS
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	8835	Publicación en Congreso Interacción 2015 (In press)	-	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Cruz Benito, Juan	8837	Publicación Congreso HCI 2015 (In press)	-	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	KRAIEM, MOHAMED S	80461	Scientific Publication	12/04/2019	Sánchez-Hernández, F. Ballesteros-Herráez, J.C., Kraiem, M.S., Sánchez-Barba, M., Moreno García, M.N. Predictive Modeling of ICU Healthcare-Associated Infections from Imbalanced Data. Using Ensembles and a Clustering-Based Undersampling Approach, Applied Sciences 9 (24), 5287, 2019.	JCR Impact Factor 2018: 2.207, Q2
Minería de Datos, Analítica Visual y Visualización de la Información.	Losada Gómez, Antonio Gabriel	28147	BKViz: A Basketball Visual Analysis Tool	11/01/2016	Losada, A. G., Theron, R., & Benito, A. (2016).BKViz: A Basketball Visual Analysis Tool.IEEE Computer Graphics and Applications, 36(6), 58-68.	Factor de Impacto: 1,203
Minería de Datos, Analítica Visual y Visualización de la Información.	Losada Gómez, Antonio Gabriel	28163	A spatio-temporal visual analysis tool for historical dictionaries	15/11/16	Alejandro Benito, Antonio G. Losada, Roberto Therón, Amelie Dorn, Melanie Seltmann, and Eveline Wandl-Vogt. 2016. A spatio-temporal visual analysis tool for historical dictionaries. In Proceedings of the Fourth International Conference on Technological Ecosystems for Enhancing Multiculturality (TEEM '16), Francisco José García-Peñalvo (Ed.). ACM, New York, NY, USA, 985-990. DOI: https://doi.org/10.1145/3012430.3012636 , Scopus.	Fourth International Conference on Technological Ecosystems for Enhancing Multiculturality (TEEM) 2016. Noviembre 2016. Salamanca, España.

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Minería de Datos, Analítica Visual y Visualización de la Información.	Losada Gómez, Antonio Gabriel	28165	A visual historical exploration tool for lexical resources: the case of Aus	10/12/2016	Alejandro Benito, Antonio Losada, Roberto Therón, Eveline Wandl-Vogt, Amelie Dorn and Melanie Seltsmann. A visual historical exploration tool for lexical resources: the case of Austrian language. Session at: Digital Humanities in Estonia 2016; 2016 Oct 12-14; Tartu, Estonia.	Session at: Digital Humanities in Estonia 2016; 2016 Oct 12-14; Tartu, Estonia.
Minería de Datos, Analítica Visual y Visualización de la Información.	Losada Gómez, Antonio Gabriel	28166	Where the words are: a visual interactive exploration of plants names.	13/02/17	Roberto Therón, Amelie Dorn, Melanie Seltsmann, Alejandro Benito, Eveline WandlVogt and Antonio Gabriel Losada Gómez. Where the words are: a visual interactive exploration of plants names. Poster presented at: Digital Humanities im deutschsprachigen Raum; 2017 Feb 13-18; Bern, Switzerland.	Digital Humanities im deutschsprachigen Raum; 2017 Feb 13-18; Bern, Switzerland.
Minería de Datos, Analítica Visual y Visualización de la Información.	Losada Gómez, Antonio Gabriel	28470	An interactive visualization of the Historical Dictionary of Bavarian D.	06/07/2017	Alejandro Benito, Antonio G. Losada, Roberto Therón, Eveline Wandl-Vogt and Amelie Dorn. (Accepted, in press) An interactive visualization of the Historical Dictionary of Bavarian Dialects in Austria. Visualization in Linguistics (LingVis). CSLI Publications.	(LingVis). CSLI Publications.
Minería de Datos, Analítica Visual y Visualización de la Información.	MENDES DA FONSECA, NUNO FILIPE	82841	Paper publication	25/09/19	Fonseca, N., Almeida, A., Moreno, M.N., Simões de Almeida, R., Faria, L., Marques, A., Matos, P. Rocha, P. and Martins, C., ¿Mobile Application to Support Children with Anxiety Disorders¿, XV Mediterranean Conference on Medical and Biological Engineering and Computing ¿ MEDICON 2019, September 26-28, 2019, Coimbra, Portugal, IFMBE Proceedings, vol. 76, pp. 1405-1410, Springer, 2020.	Proceedings published in IFMBE series, Springer. https://link.springer.com/chapter/10.1007/978-3-030-31635-8_172
Minería de Datos, Analítica Visual y Visualización de la Información.	MENDES DA FONSECA, NUNO FILIPE	82846	Paper publication	25/09/19	Matos, P., Rocha, J., Gonçalves, R., Santos, F., Marreiros, G., Mota, D., Fonseca, N., Martins, C., (2020) Smartphone Recommendation System to Prevent Potential Injuries in Young Athletes. In: Henriques J., Neves N., de Carvalho P. (eds) XV Mediterranean Conference on Medical and Biological Engineering and Computing ¿ MEDICON 2019. MEDICON 2019. IFMBE Proceedings, vol 76. Springer.	Proceedings published in IFMBE series, Springer. https://doi.org/10.1007/978-3-030-31635-8_173
Minería de Datos, Analítica Visual y Visualización de la Información.	NHAN CÁCH, DANG	28178	Framework for Retrieving Relevant Contents Related to Fashion from Online..	10/06/2017	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	NHAN CÁCH, DANG	28179	Analysis and visualization of social user communities	10/06/2017	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	NHAN CÁCH, DANG	28177	Twitter User Clustering Based on Their Preferences and the Louvain Algorith	10/06/2017	-	-

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Minería de Datos, Analítica Visual y Visualización de la Información.	NHAN CÁCH, DANG	78738	Sentiment analysis based on deep learning: A comparative study	14/03/20	Electronics 2020, 9(3), 483; https://doi.org/10.3390/electronics9030483	Electronics (ISSN 2079-9292; CODEN: ELEGJ) is an international peer-reviewed open access journal on the science of electronics and its applications published monthly online by MDPI Impact Factor: 1.764 (2018)
Minería de Datos, Analítica Visual y Visualización de la Información.	NHAN CÁCH, DANG	27687	A Recommender System Based on RESTful Semantic Web Services	-	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	NHAN CÁCH, DANG	27684	Social Computing Based on RESTful Semantic Web Services: A Survey	-	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	NHAN CÁCH, DANG	27685	A Recommender System Based on One-Class Classification	-	-	-
Minería de Datos, Analítica Visual y Visualización de la Información.	Pérez Marcos, Javier	59645	PUBLICACIÓN CIENTÍFICA EN REVISTA KNOWLEDGE AND INFORMATION SYSTEMS	29/11/18	Pérez-Marcos, J., Jiménez-Bravo, D.M., De Paz, J.F. et al. Knowl Inf Syst (2019). https://doi.org/10.1007/s10115-018-1319-2	Último factor de impacto del año 2017: 2.247 (Q2 en COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE y Q2 en COMPUTER SCIENCE, INFORMATION SYSTEMS)
Minería de Datos, Analítica Visual y Visualización de la Información.	Pérez Marcos, Javier	119771	Publicación científica en Journal of Ambient Intelligence and Humanized Com	11/01/2020	Pérez-Marcos, J., Martín-Gómez, L., Jiménez-Bravo, D.M. et al. Hybrid system for video game recommendation based on implicit ratings and social networks. J Ambient Intell Human Comput 11, 4525-4535 (2020). https://doi.org/10.1007/s12652-020-01681-0	Factor de impacto:7,104 (Q1 en COMPUTER SCIENCE, INFORMATION SYSTEMS, Q1 en COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE y Q1 en TELECOMMUNICATIONS)
Minería de Datos, Analítica Visual y Visualización de la Información.	Pérez Marcos, Javier	83617	Publicación científica en Journal of Ambient Intelligence and Humanized Com	17/01/20	Pérez-Marcos, J., Martín-Gómez, L., Jiménez-Bravo, D.M. et al. Hybrid system for video game recommendation based on implicit ratings and social networks. J Ambient Intell Human Comput (2020). https://doi.org/10.1007/s12652-020-01681-0	Último factor de impacto en 2018:1.91 (Q3en COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE,Q3en COMPUTER SCIENCE, INFORMATION SYSTEMS yQ3en TELECOMMUNICATIONS)

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Minería de Datos, Analítica Visual y Visualización de la Información.	RIBEIRO ROCHA, PEDRO EMANUEL	80380	Medicon2019	25/09/19	Fonseca, N., Almeida, A., Moreno, M.N., Simões de Almeida, R., Faria, L., Marques, A., Matos, P. Rocha, P. and Martins, C., ¿Mobile Application to Support Children with Anxiety Disorders?, XV Mediterranean Conference on Medical and Biological Engineering and Computing (MEDICON 2019), September 26-28, 2019, Coimbra, Portugal, IFMBE Proceedings, vol. 76, pp. 1405-1410, Springer, 2020.	Published in IFMBE Proceedings book series, Springer. https://link.springer.com/chapter/10.1007/978-3-030-31635-8_172
Minería de Datos, Analítica Visual y Visualización de la Información.	ROSERO MONTALVO, PAUL DAVID	55164	Intelligence in Embedded Systems: Overview and Applications	18/10/17	@InProceedings{10.1007/978-3-030-02686-8_65, author="Rosero-Montalvo, Paul D. and Batista, Vivian F. L{\o}pez and Rosero, Edwin A. and Jaramillo, Edgar D. and Caraguay, Jorge A. and Pijal-Rojas, Jos{e} and Peluffo-Ord{\o}{\n}ez, D. H.", editor="Arai, Kohei and Bhatia, Rahul and Kapoor, Supriya", title="Intelligence in Embedded Systems: Overview and Applications", booktitle="Proceedings of the Future Technologies Conference (FTC) 2018", year="2019", publisher="Springer International Publishing", address="Cham", pages="874--883", abstract="The use of electronic systems and devices has become widely spread and is reaching several fields as well as indispensable for many daily activities. Such systems and devices (here termed embedded systems) are aiming at improving human beings' quality of life. To do so, they typically acquire users' data to adjust themselves to different needs and environments in an adequate fashion. Consequently, they are connected to data networks to share this information and find elements that allow them to make the appropriate decisions. Then, for practical usage, their computational capabilities should be optimized to avoid issues such as: resources saturation (mainly memory and battery). In this line, machine learning offers a wide range of techniques and tools to incorporate `intelligence" into embedded systems, enabling them to make decisions by themselves. This paper reviews different data storage techniques along with machine learning algorithms for embedded systems. Its main focus is on techniques and applications (with special interest in Internet of Things) reported in literature about data analysis criteria to make decisions.", isbn="978-3-030-02686-8"} }	https://www.scimagojr.com/journalsearch.php?q=21100778844&tip=sid&clean=0

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Minería de Datos, Analítica Visual y Visualización de la Información.	ROSERO MONTALVO, PAUL DAVID	40980	6th International Work-Conference on Bioinformatics and Biomedical Engineer	27/03/18	<p>@InProceedings{10.1007/978-3-319-78723-7_8, author="Lopez-Chamorro, Fabi{\`a}n M. and Arciniegas-Mejia, Andr{\`e}s F. and Imbajoa-Ruiz, David Esteban and Rosero-Montalvo, Paul D. and Garc{\`i}a, Pedro and Castro-Ospina, Andr{\`e}s Eduardo and Acosta, Antonio and Peluffo-Ord{\`o}{\`n}ez, Diego Hern{\`a}n", editor="Rojas, Ignacio and Ortu{\`n}o, Francisco", title="Cardiac Pulse Modeling Using a Modified van der Pol Oscillator and Genetic Algorithms", booktitle="Bioinformatics and Biomedical Engineering", year="2018", publisher="Springer International Publishing", address="Cham", pages="96--106", abstract="This paper proposes an approach for modeling cardiac pulses from electrocardiographic signals (ECG). A modified van der Pol oscillator model (mvP) is analyzed, which, under a proper configuration, is capable of describing action potentials, and, therefore, it can be adapted for modeling a normal cardiac pulse. Adequate parameters of the mvP system response are estimated using non-linear dynamics methods, like dynamic time warping (DTW). In order to represent an adaptive response for each individual heartbeat, a parameter tuning optimization method is applied which is based on a genetic algorithm that generates responses that morphologically resemble real ECG. This feature is particularly relevant since heartbeats have intrinsically strong variability in terms of both shape and length. Experiments are performed over real ECG from MIT-BIH arrhythmias database. The application of the optimization process shows that the mvP oscillator can be used properly to model the ideal cardiac rate pulse.", isbn="978-3-319-78723-7" }</p>	<p>Lecture Notes in Comptures Science Q2 en SJR</p> <p>https://www.scimagojr.com/journalsearch.php?q=25674&tip=sid&clean=0</p>

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Minería de Datos, Analítica Visual y Visualización de la Información.	ROSERO MONTALVO, PAUL DAVID	40951	Publicación en Lecture Notes in Computer Science (LNCS) Springer	26/05/18	<p>@InProceedings{10.1007/978-3-319-92537-0_64, author="Salazar-Castro, Jose Alejandro and Rosero-Montalvo, Paul D. and Pe{\~{n}}a-Unigarro, Diego Fernando and Umaquina-Criollo, Ana Cristina and Castillo-Marrero, Zenaida and Revelo-Fuelag{\`{a}}n, Edgardo Javier and Peluffo-Ord{\`{o}}{\~{n}}ez, Diego Hern{\`{a}}n and Castellanos-Dom{\`{i}}nguez, C{\`{e}}sar Germ{\`{a}}n", editor="Huang, Tingwen and Lv, Jiancheng and Sun, Changyin and Tuzikov, Alexander V.", title="A Novel Color-Based Data Visualization Approach Using a Circular Interaction Model and Dimensionality Reduction", booktitle="Advances in Neural Networks -- ISSN 2018", year="2018", publisher="Springer International Publishing", address="Cham", pages="557--567", abstract="Dimensionality reduction (DR) methods are able to produce low-dimensional representations of an input data sets which may become intelligible for human perception. Nonetheless, most existing DR approaches lack the ability to naturally provide the users with the faculty of controlability and interactivity. In this connection, data visualization (DataVis) results in an ideal complement. This work presents an integration of DR and DataVis through a new approach for data visualization based on a mixture of DR resultant representations while using visualization principle. Particularly, the mixture is done through a weighted sum, whose weighting factors are defined by the user through a novel interface. The interface's concept relies on the combination of the color-based and geometrical perception in a circular framework so that the users may have a at hand several indicators (shape, color, surface size) to make a decision on a specific data representation. Besides, pairwise similarities are plotted as a non-weighted graph to include a graphic notion of the structure of input data. Therefore, the proposed visualization approach enables the user to interactively combine DR methods, while providing information about the structure of original data, making then the selection of a DR scheme more intuitive.", isbn="978-3-319-92537-0" }</p>	<p>LNCS es una revista Q2 dentro de SJR.</p> <p>https://www.scimagojr.com/journalsearch.php?q=25674&tip=sid&clean=0</p>

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Minería de Datos, Analítica Visual y Visualización de la Información.	ROSERO MONTALVO, PAUL DAVID	53914	Intelligent System for Identification of Wheelchair User's Posture	12/06/2018	@ARTICLE{8565996, author={P. D. {Rosero-Montalvo} and D. H. {Peluffo-Ordóñez} and V. F. {López Batista} and J. {Serrano} and E. A. {Rosero}}, journal={IEEE Sensors Journal}, title={Intelligent System for Identification of Wheelchair User's Posture Using Machine Learning Techniques}, year={2019}, volume={19}, number={5}, pages={1936-1942}, keywords={feature extraction;handicapped aids;learning (artificial intelligence);microcontrollers;nearest neighbour methods;pattern classification;principal component analysis;intelligent system;wheelchair user;improper posture;condensed nearest neighborhood rule;data balancing;Kennard-Stone algorithm;acquired data;posture classification;pre-processed data;K-nearest neighbors algorithm;CNN;micro controller;Wheelchairs;Prototypes;Sensor systems;Principal component analysis;Training;Databases;Embedded system;Kennard-stone;K-nearest neighbors;principal component analysis;posture detection}, doi={10.1109/JSEN.2018.2885323}, ISSN={1530-437X}, month={March}}	Cuartil 1 en SJR: https://www.scimagojr.com/journalsearch.php?q=15047&tip=sid&clean=0
Minería de Datos, Analítica Visual y Visualización de la Información.	ROSERO MONTALVO, PAUL DAVID	40959	Publicación en evento Future Technologies Conference 2018 Vancouver-Canada	14/11/18	A espera de publicacion	Revista Q4 en JSR https://www.scimagojr.com/journalsearch.php?q=21100778844&tip=sid&clean=0
Minería de Datos, Analítica Visual y Visualización de la Información.	SÁNCHEZ MORENO, DIEGO	26126	Expert Systems with Applications, 66 (2016), 234-24. JCR Q1	12/01/2016	Sánchez-Moreno D., Gil A.B., Muñoz M.D., López V.F. and Moreno M.N. ¿A collaborative filtering method for music recommendation using playing coefficients for artists and users?, Expert Systems with Applications, 66 (2016), 234-244.	JCR Impact Factor 2015: 2.981, Primer cuartil (Q1).
Minería de Datos, Analítica Visual y Visualización de la Información.	SÁNCHEZ MORENO, DIEGO	59543	Incorporating Time Dynamics and Implicit Feedback into Music Recommender Sys	12/05/2018	Sánchez-Moreno, D., Zheng, Y. and Moreno-García M.N., ¿Incorporating Time Dynamics and Implicit Feedback into Music Recommender Systems?, Proceedings of the 17th IEEE/WIC/ACM International Conference on Web Intelligence (WI'18), pp. 580-585, Santiago, Chile, December, 2018.	GII-GRIN-SCIE (GGS) Conference Rating - CORE B - Live SHINE: Class A - Microsoft Academic: Class B
Minería de Datos, Analítica Visual y Visualización de la Información.	SÁNCHEZ MORENO, DIEGO	55483	Inferring user expertise from social tagging in music recommender systems f	22/06/18	Sánchez-Moreno, D., Moreno-García M.N., Sonboli, N., Mobasher, B. and Burke, R. Inferring user expertise from social tagging in music recommender systems for streaming services, Hybrid Artificial Intelligence Systems, Lecture Notes in Artificial Intelligence, pp. 39-49, Springer, 2018.	Congreso: 13th International Conference on Hybrid Artificial Intelligent Systems (HAIS 2018) CORE C (CORE Conference ranking)

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Minería de Datos, Analítica Visual y Visualización de la Información.	SÁNCHEZ MORENO, DIEGO	55485	Social influence-based similarity measures for user-user collaborative filter	01/09/2019	Sánchez-Moreno, D., Pérez-Marcos, J., Gil, A.B., López, V.F. and Moreno-García M.N. ¿Social influence-based similarity measures for user-user collaborative filtering applied to music recommendation?. Distributed Computing and Artificial Intelligence, Special Sessions, 15th International Conference, 2018 .Advances in Intelligent Systems and Computing, Vol. 801, pp. 267-274, Springer, 2019.	Evento de PAAMS 2018: CORE C (CORE conference ranking)
Minería de Datos, Analítica Visual y Visualización de la Información.	SÁNCHEZ MORENO, DIEGO	77482	A Session-Based Song Recommendation Approach Involving User Characterization	06/02/2020	Sánchez-Moreno D., Muñoz M.D., López V.F., Gil A.B., Moreno M.N. A session-based song recommendation approach involving user characterization along the play power-law distribution, Complexity, Article ID 7309453, 2020. DOI: 10.1155/2020/7309453	JCR Impact Factor 2018: 2.591 Q1 (Mathematics, multidisciplinary applications)
Minería de Datos, Analítica Visual y Visualización de la Información.	TORRES BERRU, YEFERSON	78243	Data mining to detect and prevent corruption in contracts: Systematic mapping	05/01/2020	Torres-Berru, Y., Batista, V.F.L., Torres-Carrión, P. Data mining to detect and prevent corruption in contracts: Systematic mapping review [Article@Minería de datos para detectar y prevenir la corrupción en los contratos: Revisión sistemática de mapeo], (2020) RISTI - Revista Iberica de Sistemas e Tecnologias de Informacao, 2020 (E29), pp. 13-26.	RISTI - Revista Iberica de Sistemas e Tecnologias de Informacao Q3 Scopus y JCR
Minería de Datos, Analítica Visual y Visualización de la Información.	TORRES BERRU, YEFERSON	111162	Exceptional Prices of Medical and Other Supplies during the COVID-19 Pandem	20/05/21	Ortiz-Prado, E., Fernandez-Naranjo, R., Torres-Berru, Y., Lowe, R., & Torres, I. (2021). Exceptional Prices of Medical and Other Supplies during the COVID-19 Pandemic in Ecuador, The American Journal of Tropical Medicine and Hygiene, , tpm210221. Retrieved Jun 5, 2021, from https://www.ajtmh.org/view/journals/tpmd/aop/article-10.4269-ajtmh.21-0221/article-10.4269-ajtmh.21-0221.xml	Journal Impact Factor 2.126 (2019) WOS Q2 (Public, Environment & Occupational Health & Tropical Medicine)
Minería de Datos, Analítica Visual y Visualización de la Información.	TORRES BERRU, YEFERSON	137340	Data Mining to Identify Anomalies in Public Procurement Rating Parameters	22/11/21	Torres-Berru, Y.; López Batista, V.F. Data Mining to Identify Anomalies in Public Procurement Rating Parameters. Electronics2021, 10, 2873. https://doi.org/10.3390/electronics10222873	SJR Quartil 2 Indice de impacto 2.397
Minería de Datos, Analítica Visual y Visualización de la Información.	TORRES BERRU, YEFERSON	137306	Data and Text Mining for the Detection of Fraud in Public Contracts: A Case	31/01/22	Torres-Berru, Y., López Batista, V.F. (2022). Data and Text Mining for the Detection of Fraud in Public Contracts: A Case Study of Ecuador's Official Public Procurement System. In: Berrezueta, S., Abad, K. (eds) Doctoral Symposium on Information and Communication Technologies - DSICT. Lecture Notes in Electrical Engineering, vol 846. Springer, Cham. https://doi.org/10.1007/978-3-030-93718-8_10	Quartil 4 Scopus
Minería de Datos, Analítica Visual y Visualización de la Información.	UMAQUINGA CRIOLLO, ANA CRISTINA	102021	Multi-expert Methods Evaluation on Financial and Economic Data: Introducing	11/04/2020	Umaquina-Criollo A.C., Tamayo-Quintero J.D., Moreno-García M.N., Riascos J.A., Peluffo-Ordóñez D.H.(2020) Multi-expert Methods Evaluation on Financial and Economic Data: Introducing Bag of Experts. In: de la Cal E.A., Villar Flecha J.R., Quintián H., Corchado E. (eds) Hybrid Artificial Intelligent Sytems. HAIS 2020. Lecture Notes in Computer Science, vol 12344. Springer, Cham. https://doi.org/10.1007/978-3-030-61705-9_36	Lecture Notes in Computer Science https://doi.org/10.1007/978-3-030-61705-9?36 Conferencia Internacional HAIS 2020 - XV EDITION 15th International Conference on Hybrid Artificial Intelligence Systems (HAIS'20)

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Robots autónomos.	García Esteban, Juan Alberto	58671	HUSP: A Smart Haptic Probe for Reliable Training in Musculoskeletal Evaluat	29/12/18	Moreno, V., Curto, B., Garcia-Esteban, J., Hernández Zaballos, F., Alonso Hernández, P. and Serrano, F. (2018), ¿HUSP: A Smart Haptic Probe for Reliable Training in Musculoskeletal Evaluation Using Motion Sensors?, Sensors, Vol. 19 No. 1, p. 101.	Factor de impacto: 2,057 Cuartil: 2 Categoría: ENGINEERING, ELECTRICAL & ELECTRONIC
Robots autónomos.	García Esteban, Juan Alberto	82205	Software Suite Training Tool for MSK Exploration and Botulinum Toxin Infiltr	19/07/19	Moreno, V. et al. 2019. Software Suite Training Tool for MSK Exploration and Botulinum Toxin Infiltration Based on Ultrasound Imaging for the Spasticity Treatment. Journal of Medical Systems. 43, 8 (Aug. 2019), 1¿9. DOI:https://doi.org/10.1007/s10916-019-1331-4.	Factor de Impacto: 2,415 Cuartil: 2
Robots autónomos.	García Esteban, Juan Alberto	111629	An Interaction Strategy for Safe HumanCo-Working with Industrial Collaborat	05/10/2021	ACEPTADO, en proceso de publicación An Interaction Strategy for Safe HumanCo-Working with Industrial Collaborative Robots Juan Alberto García Esteban, Luis Piardi, Paulo Leitão, Belén Curto, Vidal Moreno Proceedings 4thIEEE International Conference on Industrial Cyber-Phisical Systems	Proceedings 4thIEEE International Conference on Industrial Cyber-Phisical Systems
Sistemas Inteligentes	ABRISHAMBAF , OMID	24109	4th Paper in ELECON Workshop 2016	01/09/2016	Retrofitting Approach for an Automated Load Testbed	Retrofitting Approach for an Automated Load Testbed
Sistemas Inteligentes	ABRISHAMBAF , OMID	24108	3rd Paper in Energy and Building Journal	10/01/2017	Demand response implementation in smart households	Demand response implementation in smart households
Sistemas Inteligentes	ABRISHAMBAF , OMID	24106	2nd Paper for Doctoral Consortium	03/03/2017	Real-Time Implementation of Demand Response Programs Based on Open ADR Technology	Real-Time Implementation of Demand Response Programs Based on Open ADR Technology
Sistemas Inteligentes	ABRISHAMBAF , OMID	39987	2nd Paper	14/06/17	· O. Abrishambaf, P. Faria, L. Gomes, J. Spinola, Z. Vale, and J. M. Corchado, ¿Implementation of a Real-Time Microgrid Simulation Platform based on Centralized and Distributed Management,¿ Energies, vol. 10, no. 6, pp. 806-820, 2017.	Open Source http://www.mdpi.com/journal/energies
Sistemas Inteligentes	ABRISHAMBAF , OMID	39999	6th Paper	23/06/17	· O. Abrishambaf, P. Faria and Z. Vale, ¿Real-Time Implementation of Demand Response Programs Based on Open ADR Technology", Advances in Intelligent Systems and Computing, pp. 345-347, 2017.	PAAMS Conference https://www.paams.net/
Sistemas Inteligentes	ABRISHAMBAF , OMID	24146	5th Paper in ICUWB-2017 Conference	05/08/2017	Energy Flexibility Assessment of a Multi Agent-based Smart Home Energy System	Energy Flexibility Assessment of a Multi Agent-based Smart Home Energy System

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Sistemas Inteligentes	ABRISHAMBAF , OMID	24088	1rd Paper in Energies Journal with impact factor 2.077	02/09/2017	Implementation of a Real-Time Microgrid Simulation Platform based on Centralized and Distributed Management	Implementation of a Real-Time Microgrid Simulation Platform based on Centralized and Distributed Management
Sistemas Inteligentes	ABRISHAMBAF , OMID	39996	5th Paper	09/10/2017	· R. Faia, T. Pinto, O. Abrishambaf, F. Fernandes, Z. Vale, and J. M. Corchado, ¿Case Based Reasoning with Expert System and Swarm Intelligence to determine Energy Reduction in Buildings Energy Management¿ Energy and Building, vol. 155, pp. 269-281, 2017.	Energy and Building https://www.journals.elsevier.com/energy-and-buildings
Sistemas Inteligentes	ABRISHAMBAF , OMID	39994	4th Paper	06/01/2018	This paper is accepted but not published yet.	Energy Informatics https://energyinformatics.springeropen.com/
Sistemas Inteligentes	ABRISHAMBAF , OMID	39992	3rd Paper	06/01/2018	· O. Abrishambaf, P. Faria, Z. Vale ¿Application of an Optimization-based Curtailment Service Provider Model in Real-Time Simulation¿ Energy Informatics Journal, Jan. 2018.	Energy Informatics https://energyinformatics.springeropen.com/
Sistemas Inteligentes	ABRISHAMBAF , OMID	40006	7th Paper	23/01/18	· O. Abrishambaf, P. Faria, and Z. Vale ¿Real-Time Demand Response Program Implementation Using Curtailment Service Provider¿ Third DREAM-GO Workshop on Intelligent load management in local and wholesale demand response markets, 2018. · O. Abrishambaf, P. Faria, and Z. Vale ¿Laboratorial Microgrid Emulation Based on Distributed Control Architecture¿ Third DREAM-GO Workshop on Intelligent load management in local and wholesale demand response markets, 2018. · O. Abrishambaf, J. Spínola, P. Faria, and Z. Vale ¿Definition of Remuneration in an Aggregator Using Clustering Algorithms¿ Third DREAM-GO Workshop on Intelligent load management in local and wholesale demand response markets, 2018. · Amin Shokri Gazafroudi, O. Abrishambaf, and J. M. Corchado ¿MAS-based Energy Management and Control System of Smart Homes for Local Energy Transacting¿ Third DREAM-GO Workshop on Intelligent load management in local and wholesale demand response markets, 2018.	DREAM-GO Workshop and conference http://dream-go.ipp.pt/
Sistemas Inteligentes	ABRISHAMBAF , OMID	52655	5th Paper	16/04/18	· O. Abrishambaf, P. Faria, Z. Vale, and J. M. Corchado ¿Real-Time Simulation of a Curtailment Service Provider for Demand Response Participation¿ 2018 IEEE/PES Transmission and Distribution Conference and Exposition (T&D), Denver, CO, USA, 2018.	https://ieeexplore.ieee.org/abstract/document/8440492
Sistemas Inteligentes	ABRISHAMBAF , OMID	39975	1st Paper	04/06/2018	· O. Abrishambaf, P. Faria, J. Spínola, Z. Vale ¿An Aggregation Model for Energy Resources Management and Market negotiations¿ Advances in Science, Technology and Engineering Systems Journal, vol. 3, no. 2, pp. 231-237, 2018.	Open source https://astesj.com/
Sistemas Inteligentes	ABRISHAMBAF , OMID	52654	4th Paper	09/07/2018	· O. Abrishambaf, P. Faria, and Z. Vale ¿Participation of a Smart Community of Consumers in Demand Response Programs¿ 2018 Power Systems Conference Clemson University (PSC), Charleston, SC, 2018.	https://ieeexplore.ieee.org/abstract/document/8664007

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	ABRISHAMBAF , OMID	52651	3rd Paper	20/07/18	<ul style="list-style-type: none"> O. Abrishambaf, P. Faria and Z. Vale, ¿SCADA Office Building Implementation in the Context of an Aggregator,¿ 2018 IEEE 16th International Conference on Industrial Informatics (INDIN), Porto, 2018, pp. 984-989. 	https://ieeexplore.ieee.org/abstract/document/8471957
Sistemas Inteligentes	ABRISHAMBAF , OMID	52645	1st Paper	26/07/18	<ul style="list-style-type: none"> O. Abrishambaf, P. Faria, Z. Vale ¿Application of an Optimization-based Curtailment Service Provider Model in Real-Time Simulation,¿ Energy Informatics Journal, vol. 1, no. 3, 2018. 	https://link.springer.com/article/10.1186/s42162-018-0006-6#citeas
Sistemas Inteligentes	ABRISHAMBAF , OMID	52680	DREAM-GO Papers	16/01/19	<ul style="list-style-type: none"> O. Abrishambaf, P. Faria, and Z. Vale ¿Real-Time Simulation of Hybrid Energy Solution for Microgeneration in Residential Buildings,¿ Fourth DREAM-GO Workshop on Demand response approaches for real-time renewable energy integration, Porto, Portugal, 2018. O. Abrishambaf, P. Faria, and Z. Vale ¿Modeling of a Low Voltage Power Distribution Network of a University Campus,¿ Fourth DREAM-GO Workshop on Demand response approaches for real-time renewable energy integration, Porto, Portugal, 2018. O. Abrishambaf, Sonja Haux, P. Faria, Z. Vale, and Nikolaus Starzacher, ¿Economic Survey on a Community of Prosumers and Distributed Generations,¿ Fourth DREAM-GO Workshop on Demand response approaches for real-time renewable energy integration, Porto, Portugal, 2018. 	http://dream-go.ipp.pt/PDF/DREAM-GO_4th-Workshop_Proceedings.pdf
Sistemas Inteligentes	ABRISHAMBAF , OMID	52658	6th Paper	21/03/19	<ul style="list-style-type: none"> M. Khorram, P. Faria, O. Abrishambaf, and Z. Vale, ¿Economic Impact of an Optimization-Based SCADA Model for an Office Building,¿ 2018 18th International Conference on Hybrid Intelligent Systems (HIS), Porto, 2018. 	https://link.springer.com/chapter/10.1007/978-3-030-14347-3_17
Sistemas Inteligentes	ABRISHAMBAF , OMID	52649	2nd Paper	21/03/19	<ul style="list-style-type: none"> M. Khorram, O. Abrishambaf, P. Faria, and Z. Vale ¿Office Building Participation in Demand Response Programs Supported by Intelligent Lighting Management,¿ Energy Informatics Journal, vol. 1, no. 9, 2018. 	https://link.springer.com/chapter/10.1007/978-3-030-14347-3_17
Sistemas Inteligentes	ABRISHAMBAF , OMID	79992	Paper - Energy Report Journal	20/08/19	<p>O. Abrishambaf, P. Faria, L. Gomes, and Z. Vale, ¿Agricultural irrigation scheduling for a crop management system considering water and energy use optimization,¿ Energy Reports, vol. 6, pp. 133¿139, Feb. 2020.</p>	6th International Conference on Energy and Environment Research:¿Energy and environment: challenges towards circular economy¿, ICEER 2019, 22¿25 July 2019, Aveiro, Portugal
Sistemas Inteligentes	ABRISHAMBAF , OMID	52679	7th Paper	01/09/2019	<ul style="list-style-type: none"> M. Khorram, P. Faria, O. Abrishambaf, and Z. Vale, ¿Demand Response Implementation in an Optimization Based SCADA Model Under Real-Time Pricing Schemes,¿ 2018 15h International Symposium on Distributed Computing and Artificial Intelligence (DCAI), Toledo, Spain, 2018. 	https://link.springer.com/chapter/10.1007/978-3-319-99608-0_3
Sistemas Inteligentes	ABRISHAMBAF , OMID	79991	Paper - Energy Strategy Review Journal	14/10/19	<p>O. Abrishambaf, F. Lezama, P. Faria, and Z. Vale, ¿Towards transactive energy systems: An analysis on current trends,¿ Energy Strateg. Rev., vol. 26, p. 100418, Nov. 2019.</p>	Q1

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	ABRISHAMBAF , OMID	79987	Paper - Energies Journal 2	20/10/19	O. Abrishambaf, P. Faria, Z. Vale, and J. M. Corchado, ¿Energy Scheduling Using Decision Trees and Emulation: Agriculture Irrigation with Run-of-the-River Hydroelectricity and a PV Case Study,¿ Energies, vol. 12, no. 20, p. 3987, Oct. 2019.	Q1
Sistemas Inteligentes	ABRISHAMBAF , OMID	80010	Paper - ISAP Conference	14/12/19	O. Abrishambaf, P. Faria, and Z. Vale, ¿Energy Resource Scheduling in an Agriculture System Using a Decision Tree Approach,¿ in 2019 20th International Conference on Intelligent System Application to Power Systems (ISAP), 2019.	2019 20th International Conference on Intelligent System Application to Power Systems (ISAP)
Sistemas Inteligentes	ABRISHAMBAF , OMID	79985	Paper - Energies Journal	16/03/20	O. Abrishambaf, P. Faria, and Z. Vale, ¿Ramping of Demand Response Event with Deploying Distinct Programs by an Aggregator,¿ Energies, vol. 13, no. 6, p. 1389, Mar. 2020.	Q1
Sistemas Inteligentes	ABRISHAMBAF , OMID	17172	2nd Paper	-	-	-
Sistemas Inteligentes	ABRISHAMBAF , OMID	17179	4th Paper (Submitted in IATEM Conference)	-	-	-
Sistemas Inteligentes	ABRISHAMBAF , OMID	17171	1rd Paper	-	-	-
Sistemas Inteligentes	ABRISHAMBAF , OMID	17178	3rd Paper (Submitted in IATEM Conference)	-	-	-
Sistemas Inteligentes	ABRISHAMBAF , OMID	17180	5th Paper (Accepted in GREEN Conference)	-	-	-
Sistemas Inteligentes	Acosta Vellón, Alejandro	110917	IEEE_LATAN - Application of Rhythmic Musical Adaptation through AI	24/04/21	en revisión	en revisión
Sistemas Inteligentes	Acosta Vellón, Alejandro	154145	STEREOTYPES IN LANGUAGE GENERATION WHAT IS THE DAMAGE (En progreso)	06/10/2022	EN PROGRESO	-
Sistemas Inteligentes	Alonso Rincón, Ricardo Serafín	53571	Publicación en capítulo de libro	05/01/2019	Sittón-Candanedo I., Alonso R.S., Rodríguez-González S., García Coria J.A., De La Prieta F. (2020) Edge Computing Architectures in Industry 4.0: A General Survey and Comparison. In: Martínez Álvarez F., Troncoso Lora A., Sáez Muñoz J., Quintián H., Corchado E. (eds) 14th International Conference on Soft Computing Models in Industrial and Environmental Applications (SOCO 2019). SOCO 2019. Advances in Intelligent Systems and Computing, vol 950. Springer, Cham	Congreso internacional. 14th International Conference on Soft Computing Models in Industrial and Environmental Applications (SOCO 2019).
Sistemas Inteligentes	Alonso Rincón, Ricardo Serafín	53567	Collaborative learning via social computing	19/03/19	Alonso, R. S., Prieto, J., García, Ó., & Corchado, J. M. (2019). Collaborative learning via social computing. Frontiers of Information Technology & Electronic Engineering, 20(2), 265-282.	Impact factor: 0.910

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Alonso Rincón, Ricardo Serafín	53605	A review of edge computing reference architectures and a new global edge pr	05/05/2019	Sittón-Candanedo, I., Alonso, R. S., Corchado, J. M., Rodríguez-González, S., & Casado-Vara, R. (2019). A review of edge computing reference architectures and a new global edge proposal. <i>Future Generation Computer Systems</i> , 99, 278-294.	Factor impacto: 4.639 Posición: 7/103 en Computer Science, Theory & Methods
Sistemas Inteligentes	Alonso Rincón, Ricardo Serafín	80905	Edge computing, iot and social computing in smart energy scenarios	31/07/19	Sittón-Candanedo, I.;Alonso, R.S.;García, Ó.;Muñoz, L.;Rodríguez-González, S. Edge Computing, IoT and Social Computing in Smart Energy Scenarios. <i>Sensors</i> 2019, 19, 3353.	JCR 3.031 (Q1, 2018)
Sistemas Inteligentes	Alonso Rincón, Ricardo Serafín	80935	Arquitecturas de Referencia Edge Computing para la Industria 4.0: una revis	26/08/19	Sittón-Candanedo, I., Alonso, R. S., Muñoz, L., & Rodríguez-González, S. (2019, August). Arquitecturas de Referencia Edge Computing para la Industria 4.0:una revisión. In <i>Memorias de Congresos UTP</i> (pp. 16-23).	Publicación en congreso.
Sistemas Inteligentes	Alonso Rincón, Ricardo Serafín	53607	Publicación de capítulo de libro	02/10/2019	Sittón-Candanedo I., Alonso R.S., Hernández-Nieves E., Rodríguez-González S., Rivas-Camacho A. (2019). Neuro-symbolic hybrid systems for Industry 4.0:a systematic mapping study. In <i>International Conference on Knowledge Management in Organizations</i> (In Press).Springer, Cham.	Congreso internacional.
Sistemas Inteligentes	Alonso Rincón, Ricardo Serafín	53611	A survey on Software-Defined Networks and Edge Computing over IoT	03/11/2019	Alonso, R. S., Sittón-Candanedo, I., Muñoz, L., Rodríguez-González, S (2019).A survey on Software-Defined Networks and Edge Computing over IoT. In <i>International Conference on Practical Applications of Agents and Multi-Agent Systems</i> (In Press).Springer, Cham.	Congreso internacional.
Sistemas Inteligentes	Alonso Rincón, Ricardo Serafín	80940	An Edge-IoT Platform aimed at Smart Farming and Agro-industry scenarios	20/12/19	Alonso, R. S., Sittón-Candanedo, I., & Pérez-Pons, M. E. (2019). An Edge-IoT Platform aimed at Smart Farming and Agro-industry scenarios. In <i>Workshop on Disruptive Information and Communication Technologies for Innovation and</i> (p. 27). Instituto Politécnico de Bragança Campus de Santa Apolónia 5300-253 Bragança Portugal.	Publicación en congreso.
Sistemas Inteligentes	Alonso Rincón, Ricardo Serafín	80843	A Review on Edge Computing in Smart Energy by means of a Systematic Mapping	28/12/19	Sittón-Candanedo, I.;Alonso, R.S.;García, Ó.;Gil, A.B.;Rodríguez-González, S. A Review on Edge Computing in Smart Energy by means of a Systematic Mapping Study. <i>Electronics</i> 2020, 9, 48.	JCR 1.764 (Q3, 2018)
Sistemas Inteligentes	Alonso Rincón, Ricardo Serafín	80877	An intelligent Edge-IoT platform for monitoring livestock and crops in a da	03/01/2020	Alonso, R. S., Sittón-Candanedo, I., García, Ó., Prieto, J., &Rodríguez-González, S. (2020). An intelligent Edge-IoT platform for monitoring livestock and crops in a dairy farming scenario. <i>Ad Hoc Networks</i> , 98, 102047.	JCR 3.49 (Q1, 2018)
Sistemas Inteligentes	AMELLER FLORES, MARCO ANTONIO	17377	Texto Universitario Sistemas Expertos	19/09/14	-	-
Sistemas Inteligentes	AMELLER FLORES, MARCO ANTONIO	17378	Texto Universitario Robótica Básica	10/10/2014	-	-

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	AMELLER FLORES, MARCO ANTONIO	17379	Texto Universitario Elaboración de Sistemas Expertos	27/10/15	-	-
Sistemas Inteligentes	AMELLER FLORES, MARCO ANTONIO	18201	Publicación y Conferencia	06/01/2016	-	-
Sistemas Inteligentes	AMELLER FLORES, MARCO ANTONIO	18314	Publicación y Exposición Oral	06/01/2016	-	-
Sistemas Inteligentes	AMELLER FLORES, MARCO ANTONIO	60300	Publicacion en actualidad con observaciones	17/04/17	Vehicle Classification Using Convolutional Neural Networks and TensorFlow Marco Antonio Ameller Flores ¹ and Angélica González Arrieta ¹ 1 University of Salamanca, Salamanca Spain {ameller,angelica}@usal.es Abstract. The process of vehicle classification includes the object detection by considering vehicle as the primary object is an important task in places like a university parking this work uses deep learning, image and video-based systems, which arguably are the most popular nonintrusive detection systems.	Se requiere mejor redaccion, agregar parrafos, no mencionar herramientas, entre otros
Sistemas Inteligentes	BUSTOS TABERNERO, ÁLVARO	172371	Threat Detection in URLs by Applying Machine Learning Algorithms	22/02/23	Bustos-Tabernero, Á., López-Sánchez, D., González Arrieta, A. (2023). Threat Detection in URLs by Applying Machine Learning Algorithms*. In: , et al. Distributed Computing and Artificial Intelligence, Special Sessions, 19th International Conference. DCAI 2022. Lecture Notes in Networks and Systems, vol 585. Springer, Cham. https://doi.org/10.1007/978-3-031-23210-7_21	Title Lecture Notes in Networks and Systems AbbreviationLect. Notes Netw. Syst. Publication TypeBook series Subject Area, Categories, Scope Computer Networks and Communications (Q4); Control and Systems Engineering (Q4); Signal Processing (Q4) h-index22 Overall Rank/Ranking21100 SCImago Journal Rank (SJR)0.151 Impact Score0.60 PublisherSpringer International Publishing AG CountrySwitzerland ISSN23673370, 23673389
Sistemas Inteligentes	CANO ANGUIANO, ROSA DE GUADALUPE	67130	Publicada	12/01/2018	Revista Ingeniantes ISSN 2395-9452 Año 5 No. 2 Vol 1	Indexada en Latindex
Sistemas Inteligentes	CANO ANGUIANO, ROSA DE GUADALUPE	67159	Artículo Científico	12/01/2018	Diseño de un sistema para la generación de rutas utilizando la API de Google Maps. RIFAS-MEJÍA, Francisco de Jesús, LIRA-OBANDO, Ariel, CANO-ANGUIANO, Rosa de Guadalupe y MARTÍNEZ-DURÁN, Ma. Elena. Revista de Tecnología y Educación, Vol 2, Número 6 ¿ Octubre ¿ Diciembre ¿ 2018. ISSN 2523-0360. Páginas 10-16.	Indexada en: Research Gate, Google Scholar, Mendeley e Hispana.
Sistemas Inteligentes	CANO ANGUIANO, ROSA DE GUADALUPE	67160	Artículo Científico	12/01/2018	Revisión literaria tecnológica de dispositivos y métodos para monitoreo de la frecuencia cardiaca fetal. SÁNCHEZ-MALDONADO, Alonso Ángel, MARTÍNEZ-DURÁN, Ma. Elena, ALVARADO-AGUILAR, Jorge Eduardo y CANO-ANGUIANO, Rosa de Guadalupe. Revista de Prototipos Tecnológicos, Vol 4, Número 14 ¿ Octubre - Diciembre 2018. ISSN 2444-4995. Páginas 23-29.	Indexada en: LATINDEX, Research Gate, Google Scholar, REDIB y Mendeley.

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Casado Vara, Roberto Carlos	35231	Paper en Oriental Journal of Computer Science and Technology	23/03/18	Casado-Vara R, Corchado J. M. Blockchain for Democratic Voting: How Blockchain Could Cast o; Voter Fraud. Orient. J. Comp. Sci. and Technol;11(1). Available from: http://www.computerscijournal.org/?p=8042	ICV 2016: 69.68 2139. O021 0974 -6471 Oriental Journal of Computer Science and Technology 4.79
Sistemas Inteligentes	Casado Vara, Roberto Carlos	45186	propuesta de un nuevo algoritmo	26/08/18	Casado-Vara, R., Prieto-Castrillo, F., &Corchado, J. M. (2018). A game theory approach for cooperative control to improve data quality and false data detection in WSN. International JCasado;Vara, R., Prieto;Castrillo, F., &Corchado, J. M. (2018). A game theory approach for cooperative control to improve data quality and false data detection in WSN. International Journal of Robust and Nonlinear Control.ournal of Robust and Nonlinear Control.	Cuartil: Q1 Factor de impacto: 3.856 Posición de la revista: matemáticas aplicadas (4/252)
Sistemas Inteligentes	Casado Vara, Roberto Carlos	52610	Publicación de un artículo en una revista JCR (Q1)	01/04/2019	Casado-Vara, R., Chamoso, P., De la Prieta, F., Prieto, J., & Corchado, J. M. (2019). Non-linear adaptive closed-loop control system for improved efficiency in IoT-blockchain management. Information Fusion, 49, 227-239.	JCR 2017: Q1. 4/101 (Computer science, theory &Methods) IF: 6.639
Sistemas Inteligentes	Casado Vara, Roberto Carlos	34801	Paper congreso internacional CISIS	-	-	-
Sistemas Inteligentes	Casado Vara, Roberto Carlos	36856	Paper congreso internacional MobiSPC	-	-	-
Sistemas Inteligentes	Casado Vara, Roberto Carlos	36855	Paper congreso Internacional SOCO2018	-	-	-
Sistemas Inteligentes	COSTA DA SILVA, CATIA VANESSA	86616	Rating the Participation in Demand Response Programs for a More Accurate	19/02/20	Silva, C.;Faria, P.;Vale, Z. Rating the Participation in Demand Response Programs for a More Accurate Aggregated Schedule of Consumers after Enrolment Period. Electronics 2020, 9, 349. https://doi.org/10.3390/electronics9020349	Impact Factor: 1.764 (2018)

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	COSTA DA SILVA, CATIA VANESSA	100157	Rating consumers participation in demand response programs according to pre	21/12/20	<p>Cátia Silva, Pedro Faria, Zita Vale, Rating consumers participation in demand response programs according to previous events, Energy Reports, Volume 6, Supplement 8, 2020, Pages 195-200, ISSN 2352-4847, https://doi.org/10.1016/j.egy.2020.11.101. (https://www.sciencedirect.com/science/article/pii/S2352484720315262)</p> <p>Abstract:The energy sector, as many, is being adapted to meet environmental concerns and avoid fossil fuels. So, Smart Grids concept is promoted, penetrating Distributed Generation into the grid, namely renewable-based energy, providing an environmentally friendly alternative. Also, the consumers' role is empowered through Demand Response (DR). The consumers are incentivized to actively modify their consumption behavior receiving the proper remuneration. With this, the power system will decrease operation costs and DR can be used as an alternative to generation. However, manage these new and active resources as well as their transactions in the energy market is a complex task due to the uncertainty associated. Many factors can cause a non-response and the Aggregator must be able to manage these situations mainly when a certain target of reduction is required from the wholesale market. The authors proposed an approach including a Trustworthy Rank to select consumers for on DR events: consumers participate considering their reliability. In the present paper, the effects of the approach will be compared between two seasons, proving the viability on giving the correct information to the community manager and understanding how variable is the behavior of this rank at different times of the year.</p> <p>Keywords:Demand response;Energy market;Trustworthiness;Smart grids</p>	<p>Energy Reports Cite Score: 4.7 Energy Reports Impact Factor: 3.595</p>

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	COSTA DA SILVA, CATIA VANESSA	150436	Demand response performance and uncertainty: A systematic literature review	05/12/2022	<p>C. Silva, P. Faria, Z. Vale, J.M. Corchado, Demand response performance and uncertainty:A systematic literature review, Energy Strategy Reviews, Volume 41, 2022, 100857, ISSN 2211-467X, https://doi.org/10.1016/j.esr.2022.100857. (https://www.sciencedirect.com/science/article/pii/S2211467X22000566)</p> <p>Abstract:The present review has been carried out, resorting to the PRISMA methodology, analyzing 218 published articles. A comprehensive analysis has been conducted regarding the consumer's role in the energy market. Moreover, the methods used to address demand response uncertainty and the strategies used to enhance performance and motivate participation have been reviewed. The authors find that participants will be willing to change their consumption pattern and behavior given that they have a complete awareness of the market environment, seeking the optimal decision. The authors also find that a contextual solution, giving the right signals according to the different behaviors and to the different types of participants in the DR event, can improve the performance of consumers' participation, providing a reliable response. DR is a mean of demand-side management, so both these concepts are addressed in the present paper. Finally, the pathways for future research are discussed. Keywords:Active consumer;Behavior;Demand response;Load flexibility;Performance;Uncertainty</p>	Cite Score 7.9 Impact Factor 6.425

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	DE ALMEIDA FERNANDES, MARTA MAFALDA	35131	Publication in WorldCIST'18	03/01/2018	Fernandes M., Canito A., Bolón V., Conceição L., Praça I., Marreiros G. (2018) Predictive Maintenance in the Metallurgical Industry: Data Analysis and Feature Selection. In: Rocha Á., Adeli H., Reis L.P., Costanzo S. (eds) Trends and Advances in Information Systems and Technologies. WorldCIST'18 2018. Advances in Intelligent Systems and Computing, vol 745. Springer, Cham	<p>Paper published at the 6th World Conference on Information Systems and Technologies (WorldCIST'18), an international conference with CORE rank C.</p> <p>WorldCIST is a global forum for researchers and practitioners to present and discuss the most recent innovations, trends, results, experiences and concerns in the several perspectives of Information Systems and Technologies. Full and short papers are published in Proceedings by Springer, in Advances in Intelligent Systems and Computing series, and submitted for indexation by ISI, EI-Compendex, SCOPUS, DBLP and Google Scholar, among others, as well as being available in the SpringerLink Digital Library.</p> <p>General Chair Álvaro Rocha, AISTI, IEEE SMC& University of Coimbra, Portugal Co-Chairs Hojjat Adeli, IEEE& The Ohio State University, United States Luis Paulo Reis, AISTI, IEEE& University of Minho, Portugal Local General Chair Sandra Costanzo, IEEE& University of Calabria, Italy</p>

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Sistemas Inteligentes	DE ALMEIDA FERNANDES, MARTA MAFALDA	37697	Publication in DCAI'18	20/06/18	Canito, A., Fernandes, M., Conceição, L., Praça, I. and Marreiros, G. (2018) A Big Data Platform for Industrial Enterprise Asset Value Enablers. In: De la Prieta, F., Omatu, S., Fernández-Caballero, A. (eds) Distributed Computing and Artificial Intelligence, 15th International Conference (DCAI'18). Advances in Intelligent Systems and Computing. Springer, Cham. (In Press).	<p>The 15th International Conference on Distributed Computing and Artificial Intelligence is an annual forum that brings together ideas, projects, lessons, etc. associated with distributed computing and artificial intelligence, and their application in different areas. It is classified as B2 by CAPES Qualis CC-Events.</p> <p>Accepted papers are published by Springer Verlag in the Advances in Intelligent Systems and Computing series.</p> <p>Honorary Chairman Masataka Inoue - President of Osaka Institute of Technology (Japan) Program Committee chairs Sigeru Omatu - Osaka Institute of Technology (Japan) Sara Rodríguez - University of Salamanca (Spain) Fernando De la Prieta - University of Salamanca (Spain)</p>

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	DE ALMEIDA FERNANDES, MARTA MAFALDA	45111	Publication in the International Journal of Information Management	30/10/18	Fernandes, M., Canito, A., Bolón-Canedo, V., Conceição, L., Praça, I. and Marreiros, G., 2018. Data analysis and feature selection for predictive maintenance: A case-study in the metallurgic industry. International Journal of Information Management. DOI: 10.1016/j.ijinfomgt.2018.10.006	JCR 2017: Impact Factor: 4.516 5-Year Impact Factor: 4.810 Quartile: Q1 Rank: 3/88 JIF Percentile: 97.159 JCR Journal Profile Other metrics: CiteScore: 5.78 Source Normalized Impact per Paper (SNIP): 2.824 SCImago Journal Rank (SJR): 1.373

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	DE ALMEIDA FERNANDES, MARTA MAFALDA	52369	Publication in DCAI'19	26/06/19	Fernandes, M., Canito, A., Corchado, J.M.and Marreiros, G. (2019) Fault detection mechanism of a predictive maintenance system based on autoregressive integrated moving average models. In:Distributed Computing and Artificial Intelligence, 16th International Conference (DCAI'19). Advances in Intelligent Systems and Computing. Springer, Cham. (In Press).	<p>The 16th International Conference on Distributed Computing and Artificial Intelligence is an annual forum that brings together ideas, projects, lessons, etc. associated with distributed computing and artificial intelligence, and their application in different areas. It is classified as B2 by CAPES Qualis CC-Events.</p> <p>Accepted papers are published by Springer Verlag in the Advances in Intelligent Systems and Computing series.</p> <p>Honorary Chairman Masataka Inoue - President of Osaka Institute of Technology (Japan) Sigeru Omatu - Osaka Institute of Technology (Japan) Program Committee chairs Francisco Herrera - University of Granada (Spain) Kenji Matsui - Osaka Institute of Technology (Japan) Sara Rodríguez - University of Salamanca (Spain)</p>

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	DE ALMEIDA FERNANDES, MARTA MAFALDA	114413	Publication in DCAI'21	22/06/21	Fernandes, M., Canito, A., Mota, D., Corchado, J.M. and Marreiros, G. (2021) Service-oriented Architecture for Data-driven Fault Detection. In: Distributed Computing and Artificial Intelligence, 18th International Conference (DCAI'21). (Accepted)	<p>The 18th International Conference on Distributed Computing and Artificial Intelligence 2021 is an annual forum that will bring together ideas, projects, lessons, etc. associated with distributed computing and artificial intelligence, and their application in different areas. This meeting will be held in Salamanca within PAAMS'21 in 6th-8th October, 2021. DCAI is classified as B5 by CAPES Qualis CC-Events.</p> <p>All accepted papers will be published by LNNS series of Springer Verlag.</p> <p>Honorary Chairman Masataka Inoue - President of Osaka Institute of Technology (Japan)</p> <p>Program Committee chairs Tiancheng Li, Northwestern Polytechnical University (China) Tan Yigitcanlar, Queensland University of Technology (Australia)</p>

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	DE ALMEIDA FERNANDES, MARTA MAFALDA	145502	Publication in IECON 2021	13/10/21	Canito, A., Fernandes, M., Mourinho, J., Tosun, S., Kaya, K., Turupcu, A., Lagares, A., Karabulut, H. and Marreiros, G., 2021, October. Flexible Architecture for Data-Driven Predictive Maintenance with Support for Offline and Online Machine Learning Techniques. In IECON 2021;47th Annual Conference of the IEEE Industrial Electronics Society (pp. 1-7). IEEE.	IECON 2021 is the 47th Annual Conference of the IEEE Industrial Electronics Society (IES), focusing on contemporary industry topics ranging from electronics, controls, manufacturing, to communications and computational intelligence. IECON is the flagship annual conference of IES. It aims to create a forum for scientists and practising engineers throughout the world to present the latest research findings and ideas in the areas of Industrial Electronics, and possible contributions toward sustainable development and environment preservation. The objectives of the conference are to provide high quality research and professional interactions for the advancement of science, technology, and fellowship. Papers with new research results are encouraged for submission.
Sistemas Inteligentes	DE ALMEIDA FERNANDES, MARTA MAFALDA	151214	Publication in PAAMS 22	06/03/2022	Lourenço, A., Fernandes, M., Canito, A., Almeida, A., Marreiros, G. (2022). Using an explainable machine learning approach to minimize opportunistic maintenance interventions. In International Conference on Practical Applications of Agents and Multi-Agent Systems. Springer, Cham. (accepted)	PAAMS series of conferences are indexed in the CORE ranking. Rang: B

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	DE ALMEIDA FERNANDES, MARTA MAFALDA	128709	Publication in Applied Intelligence (Springer)	03/04/2022	Fernandes, M., Corchado, J.M. & Marreiros, G. Machine learning techniques applied to mechanical fault diagnosis and fault prognosis in the context of real industrial manufacturing use-cases: a systematic literature review. Appl Intell (2022). https://doi.org/10.1007/s10489-022-03344-3	JCR 2020: Impact Factor:5.086 5-Year Impact Factor:4.602 Quartile:Q2 Rank:35/139 JIF Percentile:75.18 Category:Computer Science, Artificial Intelligence - SCIE JCR Journal Profile

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	DE ALMEIDA FERNANDES, MARTA MAFALDA	172569	Publication in IECON 2022	17/10/22	<p>Lourenço, A., Fernandes, M., Marreiros, G. and Corchado, J.M., 2022, October. Using simulation to evaluate a concept drift detector for condition based maintenance. In IECON 2022;48th Annual Conference of the IEEE Industrial Electronics Society (pp. 1-7). IEEE.</p> <p>https://ieeexplore.ieee.org/abstract/document/9969090</p>	<p>IECON 2022 is the 48th Annual Conference of the IEEE Industrial Electronics Society (IES), focusing on contemporary industry topics ranging from electronics, controls, manufacturing, to communications and computational intelligence. IECON is the flagship annual conference of IES. It aims to create a forum for scientists and practising engineers throughout the world to present the latest research findings and ideas in the areas of Industrial Electronics, and possible contributions toward sustainable development and environment preservation. The objectives of the conference are to provide high quality research and professional interactions for the advancement of science, technology, and fellowship.</p> <p>Honorary Chairs Juan Jose Rodriguez Malinowski Mariusz General Chairs Abdellah Touhafi Peter Palensky Technical Program Chairs Gopakumar Kumarkutti Nele Mentens Omar Hegazy Paulo Leitao Qing-Long Han</p> <p>Huijun Gao</p>

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	DIAZ-PLAZA SANZ, ENRIQUE	62799	Publicación libro Distributed Computing and Artificial Intelligence	25/06/19	Distributed Computing and Artificial Intelligence, Special Sessions II, 15th International Conference. Advances in Intelligent Systems and Computing - Volume 802. ISSN 2194-5357 ISSN 2194-5365 (electronic) Advances in Intelligent Systems and Computing ISBN 978-3-030-00523-8 ISBN 978-3-030-00524-5 (eBook) https://doi.org/10.1007/978-3-030-00524-5	-

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	DIAZ-PLAZA SANZ, ENRIQUE	111041	Deepint.net: A Rapid Deployment Platform for Smart Territories	01/01/2021	https://www.mdpi.com/1424-8220/21/1/236#cite	<p>https://www.scopus.com/results/citedbyresults.uri?sort=plf-f&cite=2-s2.0-85098948613&src=s&imp=t&sid=fde0dcf961ed6bb127e996c49eb59e02&so t=cite&sdt=a&sl=0&origin=inward&editSaveSearch=&txGid=9ea0d45c977b3a5a22693e02ef607973</p> <p>https://scholar.google.com/scholar_lookup?title=Deepint.net%3A+A+Rapid+Deployment+Platform+for+Smart+Territories&volume=21&doi=10.3390%2Fs21010236&journal=Sensors&publication_year=2021&author=Juan++M.+Corchado&author=Pablo+Chamoso&author=Guillermo+Hern%C3%A1ndez&author=Agust%C3%ADn++San+Roman+Gutiérrez&author=Alberto++Rivas+Camacho&author=Alfonso+Gonz%C3%A1lez-Briones&author=Francisco+Pinto-Santos&author=Enrique+Goyenechea&author=David+García-Retuerta&author=Mar%C3%ADa+Alonso-Miguel&author=Beatriz++Bellido+Hernández&author=Diego++Valdeolmillos+Villaverde&author=Manuel+Sanchez-Verdejo&author=Pablo+Plaza-Mart%C3%ADnez&author=Manuel+L%C3%B3pez-P%C3%A9rez&author=Sergio+Manzano-Garc%C3%ADa&author=Ricardo++S.+Alonso&author=Roberto+Casado-Vara&author=Javier++Prieto+Tejedor&author=Fernando++de+la+Prieta&author=Sara+Rodr%C3%ADguez-Gonz%C3%A1lez&author=Javier+Parralda-Dom%C3%ADnguez&author=Mohd++Saber+Mohamad&author=Saber+Trabalsi&author=Enrique+D%C3%ADaz-Plaza&author=Jose++Alberto+García-Coria&author=Tan+Yigitcanlar&author=Paulo+Novais&author=Sigeru+Omatu</p> <p>https://www.mdpi.com/journal/sensors/stats</p> <p>@font-face {font-family:Wingdings; panose-1:5 0 0 0 0 0 0 0 0 0; mso-font-charset:77; mso-generic-font-family:decorative; mso-</p>

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
						font-pitch:variable; mso-font-signature:3000-21474836470;@font-face {font-family:"Cambria Math"; panose-1:2453546324; mso-font-charset:0; mso-generic-font-family:roman; mso-font-pitch:variable; mso-font-signature:-5368701451107305727004150;}@font-face {font-family:Calibri; panose-1:21552224324; mso-font-charset:0; mso-generic-font-family:swiss; mso-font-pitch:variable; mso-font-signature:-536859905-1073732485905110;}p.MsoNormal, li.MsoNormal, div.MsoNormal {mso-style-unhide:no; mso-style-qformat:yes; mso-style-parent:""; margin:0cm; mso-pagination:widow-orphan; font-size:12.0pt; font-family:"Calibri",sans-serif; mso-ascii-font-family:Calibri; mso-ascii-theme-font:minor-latin; mso-fareast-font-family:Calibri; mso-fareast-theme-font:minor-latin; mso-hansi-font-family:Calibri; mso-hansi-theme-font:minor-latin; mso-bidi-font-family:"Times New Roman"; mso-bidi-theme-font:minor-bidi; mso-fareast-language:EN-US;}MsoChpDefault {mso-style-type:export-only; mso-default-props:yes; font-family:"Calibri",sans-serif; mso-ascii-font-family:Calibri; mso-ascii-theme-font:minor-latin; mso-fareast-font-family:Calibri; mso-fareast-theme-font:minor-latin; mso-hansi-font-family:Calibri; mso-hansi-theme-font:minor-latin; mso-bidi-font-family:"Times New Roman"; mso-bidi-theme-font:minor-bidi; mso-fareast-language:EN-US;}div.WordSection1 {page:WordSection1;}ol {margin-bottom:0cm;}ul {margin-bottom:0cm;}

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	FANGUEIRO CANITO, ALDA	52933	Publication in International Journal of Information Management	20/03/19	Fernandes, M., Canito, A., Bolón-Canedo, V., Conceição, L., Praça, I., &Marreiros, G. (2019). Data analysis and feature selection for predictive maintenance:A case-study in the metallurgic industry. International Journal of Information Management, 46, 252-262. Available at https://doi.org/10.1016/j.ijinfomgt.2018.10.006	Journal Metrics CiteScore:5.78 Impact Factor:4.516 5-Year Impact Factor:4.810 Source Normalized Impact per Paper (SNIP):2.824 SCImago Journal Rank (SJR):1.373
Sistemas Inteligentes	FANGUEIRO CANITO, ALDA	52710	Publication in WorldCist'19	27/03/19	Canito A., Marreiros G., Corchado J.M. (2019) Automatic Document Annotation with Data Mining Algorithms. In:Rocha Á., Adeli H., Reis L., Costanzo S. (eds) New Knowledge in Information Systems and Technologies. WorldCIST'19 2019. Advances in Intelligent Systems and Computing, vol 930. Springer, Cham	Full and short papers were published in Proceedings by Springer, in Advances in Intelligent Systems and Computing series. Published full and short papers were submitted for indexation by ISI, EI-Compendex, SCOPUS, DBLP and Google Scholar, among others, and are available in the SpringerLink Digital Library.
Sistemas Inteligentes	FANGUEIRO CANITO, ALDA	52959	Publication in DCAI19	24/06/19	Fernandes, M., Canito, A., Corchado, J.M. &Marreiros, G. (2019) Fault detection mechanism of a predictive maintenance system based on autoregressive integrated moving average models. In:Distributed Computing and Artificial Intelligence, 16th International Conference. DCAI 2019. Advances in Intelligent Systems and Computing. Springer, Cham. (in press)	The 16th International Conference on Distributed Computing and Artificial Intelligence 2019 is an annual forum that will bring together ideas, projects, lessons, etc. associated with distributed computing and artificial intelligence, and their application in different areas. DCAI'19 is sponsored by the IEEE Systems Man and Cybernetics Society Spain Section Chapter and the IEEE Spain Section (Technical Co-Sponsor). DCAI is classified as B2 by CAPES Qualis CC-Events
Sistemas Inteligentes	FANGUEIRO CANITO, ALDA	81618	Publication in EPIA 2019	30/08/19	Canito A., Santos G., Corchado J.M., Marreiros G., Vale Z. (2019) Semantic Web Services for Multi-Agent Systems Interoperability. In: Moura Oliveira P., Novais P., Reis L. (eds) Progress in Artificial Intelligence. EPIA 2019. Lecture Notes in Computer Science, vol 11805. Springer, Cham	EPIA is classified as B1 by the CAPES Qualis CC-Events
Sistemas Inteligentes	FANGUEIRO CANITO, ALDA	108054	Publication in ICCS 2020	14/12/20	A. Canito, K. Aleid, I. Praça, J. Corchado and G. Marreiros, "An Ontology to Promote Interoperability between Cyber-physical Security Systems in Critical Infrastructures," 2020 IEEE 6th International Conference on Computer and Communications (ICCC), 2020, pp. 553-560, doi: 10.1109/ICCC51575.2020.9345163.	CORE C
Sistemas Inteligentes	FANGUEIRO CANITO, ALDA	108067	Publication in WorldCist'2021	31/03/21	Canito, A., Corchado, J., & Marreiros, G. (2021). Bridging the Gap Between Domain Ontologies for Predictive Maintenance with Machine Learning. In Trends and Applications in Information Systems and Technologies: Volume 2 9 (pp. 533-543). Springer International Publishing.	CORE C

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	FANGUEIRO CANITO, ALDA	153348	Publication in Artificial Intelligence Review	10/06/2021	Canito, A., Corchado, J. & Marreiros, G. A systematic review on time-constrained ontology evolution in predictive maintenance. <i>Artif Intell Rev</i> 55, 3183-3211 (2022). https://doi.org/10.1007/s10462-021-10079-z	Impact factor: 8.139 (2020)
Sistemas Inteligentes	FANGUEIRO CANITO, ALDA	153334	Publication in IECON 2021	13/10/21	A. Canito et al., "Flexible Architecture for Data-Driven Predictive Maintenance with Support for Offline and Online Machine Learning Techniques," <i>IECON 2021 ¿ 47th Annual Conference of the IEEE Industrial Electronics Society, 2021</i> , pp. 1-7, doi: 10.1109/IECON48115.2021.9589230.	IECON 2021 is the 47th Annual Conference of the IEEE Industrial Electronics Society (IES), focusing on contemporary industry topics ranging from electronics, controls, manufacturing, to communications and computational intelligence. IECON is the flagship annual conference of IES. It aims to create a forum for scientists and practising engineers throughout the world to present the latest research findings and ideas in the areas of Industrial Electronics, and possible contributions toward sustainable development and environment preservation. The objectives of the conference are to provide high quality research and professional interactions for the advancement of science, technology, and fellowship. Papers with new research results are encouraged for submission.
Sistemas Inteligentes	FANGUEIRO CANITO, ALDA	153343	Publication in WorldCist 2022	14/05/22	Canito, A., Nobre, A., Neves, J., Corchado, J., Marreiros, G. (2022). Applying Time-Constraints Using Ontologies to Sensor Data for Predictive Maintenance. In: Rocha, A., Adeli, H., Dzemyda, G., Moreira, F. (eds) <i>Information Systems and Technologies. WorldCIST 2022. Lecture Notes in Networks and Systems</i> , vol 469. Springer, Cham. https://doi.org/10.1007/978-3-031-04819-7_38	CORE C
Sistemas Inteligentes	García Encinas, Francisco	99322	Singular Spectrum Analysis for Source Separation	03/12/2021	F. G. Encinas, L. A. Silva, A. S. Mendes, G. V. González, V. R. Q. Leithardt and J. F. De Paz Santana, "Singular Spectrum Analysis for Source Separation in Drone-Based Audio Recording," in <i>IEEE Access</i> , vol. 9, pp. 43444-43457, 2021, doi:10.1109/ACCESS.2021.3065775.	Índice de Impacto (2019):3.745 Computer Science, Information Systems (35/156) (Q1) Engineering, Electrical & Electronic (61/266) (Q1) Telecommunications (26/90) (Q2)

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	García Retuerta, David	90484	Quaternion Neural Networks: State-of-the-Art and Research Challenges	11/04/2020	García-Retuerta D., Casado-Vara R., Martin-del Rey A., De la Prieta F., Prieto J., Corchado J.M. (2020) Quaternion Neural Networks: State-of-the-Art and Research Challenges. In: Analide C., Novais P., Camacho D., Yin H. (eds) Intelligent Data Engineering and Automated Learning ζ IDEAL 2020. IDEAL 2020. Lecture Notes in Computer Science, vol 12490. Springer, Cham. https://doi.org/10.1007/978-3-030-62365-4_43	Internationnal congress. Organisers: University of Minho, Synthetic Intelligence Lab, ALGORITMI Center. 21st International Conference on IntelligentData Engineering and Automated Learning
Sistemas Inteligentes	García Retuerta, David	75531	Profile generation system using artificial intelligence for information rec	15/04/20	Chamoso, P., Bartolomé, Á., García-Retuerta, D., Prieto, J., & De La Prieta, F. (2020). Profile generation system using artificial intelligence for information recovery and analysis. Journal of Ambient Intelligence and Humanized Computing, 1-10.	índices de impacto de la revista:Journal Impact Factor 2018=1.910 nº de citas: 861 posición relativa de la revista dentro desu materia: 76/134 en "COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE -- SCIE", Q3 editorial:Springer
Sistemas Inteligentes	García Retuerta, David	90482	AI-Based Proposal for Epileptic Seizure Prediction in Real-Time	17/06/20	García-Retuerta D. (2021) AI-Based Proposal for Epileptic Seizure Prediction in Real-Time. In: Novais P., Vercelli G., Larriba-Pey J.L., Herrera F., Chamoso P. (eds) Ambient Intelligence ζ Software and Applications. ISAmI 2020. Advances in Intelligent Systems and Computing, vol 1239. Springer, Cham. https://doi.org/10.1007/978-3-030-58356-9_33	Internationnal congress. Organisers:University of Minho, University of Salamanca, Technical University of Catalunya, University of Granada and University of Genova. 11th International Symposium on Ambient Intelligence
Sistemas Inteligentes	García Retuerta, David	90493	Clifford Algebras: Proposal Improved Image Recognition in Machine Learning	17/06/20	García-Retuerta D. (2021) Clifford Algebras: A Proposal Towards Improved Image Recognition in Machine Learning. In: Novais P., Vercelli G., Larriba-Pey J.L., Herrera F., Chamoso P. (eds) Ambient Intelligence ζ Software and Applications. ISAmI 2020. Advances in Intelligent Systems and Computing, vol 1239. Springer, Cham. https://doi.org/10.1007/978-3-030-58356-9_27	Organisers:University of Minho, University of Salamanca, Technical University of Catalunya, University of Granada and University of Genova. 11th International Symposium on Ambient Intelligence
Sistemas Inteligentes	García Retuerta, David	89401	Bidirectional-Pass Algorithm for Interictal Event Detection	23/07/20	García-Retuerta, D., Canal-Alonso, A., Casado-Vara, R., Martin-del Rey, A., Panuccio, G., & Corchado, J. M. (2020, June). Bidirectional-Pass Algorithm for Interictal Event Detection. In International Conference on Practical Applications of Computational Biology & Bioinformatics (pp. 197-204). Springer, Cham.	Internationnal congress. Organisers: Technological University of Malasya, University of Salamanca, University of Minho, University of Vigo and Italian Institute of Technology. 14th International Conference on Practical Applications of Computational Biology& Bioinformatics.
Sistemas Inteligentes	García Retuerta, David	89442	Predictive Maintenance Proposal for Server Infrastructures	29/07/20	García-Retuerta, D. (2020, June). Predictive Maintenance Proposal for Server Infrastructures. In International Symposium on Distributed Computing and Artificial Intelligence (pp. 256-259). Springer, Cham.	Internationnal congress. Organisers:University of Sichuan, University of Salamanca, University of Hirosima, University of Granada and Osaka Institute of Technology. 17th International Conference on Distributed Computing and Artificial Intelligence

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	García Retuerta, David	90483	Demand Control Ventilation Strategy by Tracing the Radon Concentration in S	16/09/20	Casado-Vara R. et al. (2021) Demand Control Ventilation Strategy by Tracing the Radon Concentration in Smart Buildings. In: Herrero Á., Cambra C., Urda D., Sedano J., Quintián H., Corchado E. (eds) 15th International Conference on Soft Computing Models in Industrial and Environmental Applications (SOCO 2020). SOCO 2020. Advances in Intelligent Systems and Computing, vol 1268. Springer, Cham. https://doi.org/10.1007/978-3-030-57802-2_36	Internationnal congress. Organisers: University of Burgos, University of Salamanca, Technological Institute of Castilla y Leon, Grupo GICAP. 15th International Conference on Soft Computing Models in Industrial and Environmental Applications
Sistemas Inteligentes	García Retuerta, David	90481	Reputation Algorithm for Users and Activities in a Public Transport Oriente	09/10/2020	García-Retuerta D., Rivas A., Guisado-Gámez J., Antoniou E., Chamoso P., on behalf of My-TRAC group (2021) Reputation Algorithm for Users and Activities in a Public Transport Oriented Application. In: Novais P., Vercelli G., Larriba-Pey J.L., Herrera F., Chamoso P. (eds) Ambient Intelligence ; Software and Applications. ISAmI 2020. Advances in Intelligent Systems and Computing, vol 1239. Springer, Cham. https://doi.org/10.1007/978-3-030-58356-9_21	Internationnal congress. Organisers: University of Minho, University of Salamanca, Technical University of Catalunya, University of Granada and University of Genova. 11th International Symposium on Ambient Intelligence
Sistemas Inteligentes	García Retuerta, David	90494	Deep Learning for House Categorisation, Proposal Towards Automation in Land	11/11/2020	García-Retuerta D., Casado-Vara R., Calvo-Rolle J.L., Quintián H., Prieto J. (2020) Deep Learning for House Categorisation, a Proposal Towards Automation in Land Registry. In: de la Cal E.A., Villar Flecha J.R., Quintián H., Corchado E. (eds) Hybrid Artificial Intelligent Systems. HAIS 2020. Lecture Notes in Computer Science, vol 12344. Springer, Cham. https://doi.org/10.1007/978-3-030-61705-9_58	Internationnal congress. Organisers: University of Oviedo, Polytechnic School of Engineering of Gijón. 15th International Conference on Hybrid Artificial Intelligence Systems
Sistemas Inteligentes	García Retuerta, David	97165	Deepint. net: A Rapid Deployment Platform for Smart Territories	01/01/2021	Corchado, J. M., Chamoso, P., Hernández, G., Gutierrez, A. S. R., Camacho, A. R., González-Briones, A., ... & Omatu, S. (2021). Deepint. net: A Rapid Deployment Platform for Smart Territories. Sensors, 21(1), 236.	indica índices de impacto de la revista: 3,275 nº de citas: 63306 posición relativa de la revista dentro de su materia: Q1
Sistemas Inteligentes	García Retuerta, David	97166	An Efficient Management Platform for Developing Smart Cities: Solution for	24/03/21	García-Retuerta, D., Chamoso, P., Hernández, G., Guzmán, A. S. R., Yigitcanlar, T., & Corchado, J. M. (2021). An Efficient Management Platform for Developing Smart Cities: Solution for Real-Time and Future Crowd Detection. Electronics, 10(7), 765.	indica índices de impacto de la revista: 2,412 nº de citas: 3021 posición relativa de la revista dentro de su materia: Q2
Sistemas Inteligentes	García Retuerta, David	99315	Gamification Proposal of an Improved Energy Saving System for Smart Homes	28/04/21	actas aun no disponibles	Congreso internacional, organizado por Texas A&M University (Qatar)
Sistemas Inteligentes	García Retuerta, David	99314	Enhanced Cybersecurity in Smart Cities: Integration Methods of OPC UA and S	28/04/21	actas aun no disponibles	Congreso internacional, organizado por Texas A&M University (Qatar)

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	García Retuerta, David	100620	Reputation System for Increased Engagement in Public Transport Oriented-App	30/04/21	García-Retuerta, D., Rivas, A., Guisado-Gámez, J., Antoniou, E., & Chamoso, P. (2021). Reputation System for Increased Engagement in Public Transport Oriented-Applications. Electronics, 10(9), 1070.	indica índices de impacto de la revista: 2,412 nº de citas: 3021 posición relativa de la revista dentro de su materia:Q2
Sistemas Inteligentes	García Retuerta, David	116736	Transfer Learning for Arthropodous Identification and its Use in the Transm	10/06/2021	García-Retuerta, D., Casado-Vara, R., & Rodríguez, S. (2021, October). Transfer Learning for Arthropodous Identification and its Use in the Transmitted Disease Diagnostic. In Practical Applications of Agents and Multi-Agent Systems (pp. 253-260). Springer, Cham.	International congress. 19th International Conference on Practical Applications of Agents and Multi-Agent Systems.
Sistemas Inteligentes	García Retuerta, David	116264	A Reputation Score Proposal for Online Video Platforms	09/07/2021	García-Retuerta, D., Casado-Vara, R., Valdeolmillos, D., & Corchado, J. M. (2021, September). A Reputation Score Proposal for Online Video Platforms. In EPIA Conference on Artificial Intelligence (pp. 255-265). Springer, Cham.	International congress. Organised by the Associação Portuguesa Para a Inteligência Artificial. 20th EPIA Conference on Artificial Intelligence.
Sistemas Inteligentes	García Retuerta, David	155090	Análisis predictivo efectivo en centros de datos: una solución basada en in	24/09/21	David Garcia Retuerta, J. (2021). Analisis predictivo efectivo en centros de datos:una solucion basada en inteligencia artificial. In XIX CONFERENCIA DE LA ASOCIACION ESPANOLA PARA LA INTELIGENCIA ARTIFICIAL (CAEPIA 20/21) (pp. 712-716).	International congress. Organised by the Associação Portuguesa Para a Inteligência Artificial. 20th EPIA Conference on Artificial Intelligence.
Sistemas Inteligentes	González Briones, Alfonso	27068	An Agent-Based Clustering Approach for Gene Selection in Gene Expression Mi	03/01/2017	An Agent-Based Clustering Approach for Gene Selection in Gene Expression Microarray Juan Ramos, José A Castellanos-Garzón, Alfonso González-Briones, Juan F de Paz, Juan M Corchado	Q4
Sistemas Inteligentes	González Briones, Alfonso	14656	A Clustering-based Method for Gene Selection to Classify Tissue Samples in L	-	-	-
Sistemas Inteligentes	González Briones, Alfonso	14633	Obtaining relevant genes by analysis of expression arrays with a Multi-agen	-	-	-
Sistemas Inteligentes	GUERRERO MATEUS, CÉSAR AUGUSTO	108274	Publicación en revista	15/03/21	Enlace del artículo publicado en 2021 modelo de predicción del clima http://revistas.usan jose.edu.co/ojs/index.php/GRAINE/article/view/23	No posee indicadores
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	40469	Multi-Sensor Information Fusion for	10/02/2017	Multi-Sensor Information Fusion for Optimizing Electric Bicycle Routes Using a Swarm Intelligence Algorithm - Daniel H. De la Iglesia, Gabriel Villarrubia, Juan F De Paz, Javier Bajo	Q1 (2.677)

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
			Optimizing Electric Bicycle Routes Usin			
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	27602	Collision detection system using mobile devices and PANGEA	21/06/17	Actividad: Collision detection system using mobile devices and PANGEA	Actividad: Collision detection system using mobile devices and PANGEA
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	27604	Non-intrusive system for monitoring the risks of Sudden Infant Death Syndor	21/06/17	Actividad: Non-intrusive system for monitoring the risks of Sudden Infant Death Syndor	Actividad: Non-intrusive system for monitoring the risks of Sudden Infant Death Syndor
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	27605	Single appliance automatic recognition: comparison of classifiers	21/06/17	Actividad: Single appliance automatic recognition: comparison of classifiers	Actividad: Single appliance automatic recognition: comparison of classifiers
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	27606	Non Intrusive Load Monitoring (NILM): a state of the art	21/06/17	Actividad: Multi-agent system for the control and monitoring of shared bicycle fleets	Actividad: Multi-agent system for the control and monitoring of shared bicycle fleets
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	27607	Multi-agent system for the control and monitoring of shared bicycle fleets	21/06/17	Actividad: Multi-agent system for the control and monitoring of shared bicycle fleets	Actividad: Multi-agent system for the control and monitoring of shared bicycle fleets
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	27609	INDOOR CHILDREN LOCATION SYSTEM USING BLE TECHNOLOGY	21/06/17	Actividad: INDOOR CHILDREN LOCATION SYSTEM USING BLE TECHNOLOGY	Actividad: INDOOR CHILDREN LOCATION SYSTEM USING BLE TECHNOLOGY
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	40471	Combination of Multi-Agent Systems and Embedded Hardware for the monitoring	27/07/17	Combination of Multi-Agent Systems and Embedded Hardware for the monitoring and analysis of diuresis - Gabriel Villarrubia, Daniel Hernández, Juan F. De Paz, Javier Bajo	Q3 (1.239)
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	40470	Combining Multi-Agent Systems and Wireless Sensor Networks for Monitoring C	27/07/17	Combining Multi-Agent Systems and Wireless Sensor Networks for Monitoring Crop Irrigation - Gabriel Villarrubia, Juan F De Paz, Daniel H. De la Iglesia, Javier Bajo	Q1 (2.677)

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	40466	A Context-Aware Indoor Air Quality System for Sudden Infant Death Syndrom	03/01/2018	A Context-Aware Indoor Air Quality System for Sudden Infant Death Syndrome Prevention - Daniel H. De La Iglesia, Juan F. De Paz, Gabriel Villarrubia González, Alberto L. Barriuso y Javier Bajo	Q1 (2.677)
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	40473	Multi-Agent System for the Recommendation of Electric Bicycle Routes	21/06/18	Multi-Agent System for the Recommendation of Electric Bicycle Routes - Daniel H. de la Iglesia, Álvaro Lozano Murciego, Alberto L. Barriuso, Gabriel Villarrubia, Juan F. de Paz	PAAMS 2018
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	40472	Household occupancy detection based on electric energy consumption	21/06/18	Household occupancy detection based on electric energy consumption- Alberto L. Barriuso, Álvaro Lozano, Daniel H. de la Iglesia, Gabriel Villarrubia and Juan F. de Paz	PAAMS 2018
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	40468	Design And Implementation Of A Low-Cost Universal Control For Intelligent	30/06/18	Design And Implementation Of A Low-Cost Universal Control For Intelligent Electric Wheelchairs - D. H. De La Iglesia, G. Villarrubia, J.F. De Paz and J. Bajo	Q4 (0.631)
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	40467	Increasing the Intensity over Time of an Electric-Assist Bike Based on the	01/10/2018	Increasing the Intensity over Time of an Electric-Assist Bike Based on the User and Route: The Bike Becomes the Gym - Daniel H. De La Iglesia, Juan F. De Paz, Gabriel Villarrubia González, Alberto L. Barriuso, Javier Bajo y Juan M. Corchado	Q1 (2.677)
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	14632	An intelligent agent-based journalism platform	-	-	-
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	14639	Smart waste collection platform based on WSN and route optimization	-	-	-
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	14634	Multi Agent Application for chronic patients: Monitoring and detection of r	-	-	-
Sistemas Inteligentes	Hernández de la Iglesia, Daniel	14638	New architecture for electric bikes control based on smartphones and wirele	-	-	-
Sistemas Inteligentes	Hernández Nieves, Elena	39813	Protección de datos en plataformas Fintech	21/04/18	Hernández Nieves, Elena; Sittón Candanedo, Inés; Rodríguez González, Sara; Corchado Rodríguez, Juan M. Protección de datos en plataformas Fintech. VII Fórum de expertos y jóvenes investigadores en derecho y nuevas tecnologías. In press. Editorial Comares	n/a

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Hernández Nieves, Elena	39759	15th International Conference on Distributed Computing and A.I.	23/06/18	Hernández Nieves, Elena. (06/2018). Stock recommendation platform based on the environment. INSIDER. Distributed Computing and Artificial Intelligence, Special Sessions, 15th International Conference, 2018, Advances in Intelligent Systems and Computing. In press. Springer.	QUALIS: B4
Sistemas Inteligentes	Hernández Nieves, Elena	39806	An investment recommender multi-agent system in financial technology	06/09/2018	Hernández Nieves, Elena; Sittón Candanedo, Inés; Rodríguez González, Sara; Gil González, Ana B.; García Martín, Roberto J. An investment recommender multi-agent system in financial technology. SOCO ₂ 18-CISIS ₂ 18-ICEUTE ₂ 18, Advances in Intelligent Systems and Computing. Vol. 771. In press. Springer.	n/a
Sistemas Inteligentes	Hernández Nieves, Elena	39802	Machine learning for predictive model for Industry 4.0 environment	08/11/2018	Sittón Candanedo, Inés; Hernández Nieves, Elena; Rodríguez González, Sara; Santos, María T.; González Briones, Alfonso. Machine learning for predictive model for Industry 4.0 environment. Knowledge Management, 13th International Conference, 2018. Lecture notes in Communications in Computer and Information Science. In press. Springer.	n/a
Sistemas Inteligentes	Hernández Nieves, Elena	52646	Data protection on Fintech Platforms	26/06/19	Elena Hernández, Mehmet Öztürk, Inés Sittón and Sara Rodríguez. Data protection on Fintech Platforms. In International Symposium on Distributed Computing and Artificial Intelligence. (In press)	PAAMSB4Qualis
Sistemas Inteligentes	Hernández Nieves, Elena	70455	Fog computing architecture for personalized recommendation of banking products	02/01/2020	Hernandez-Nieves, E., Hernández, G., Gil-González, A. B., Rodríguez-González, S., & Corchado, J. M. (2020). Fog computing architecture for personalized recommendation of banking products. Expert Systems with Applications, 140, 112900.	JCR (2018):4.292 COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE:24/133 (Q1); ENGINEERING, ELECTRICAL & ELECTRONIC:49/265 (Q1); OPERATIONS RESEARCH & MANAGEMENT SCIENCE:7/84 (Q1)
Sistemas Inteligentes	Hernández Nieves, Elena	102920	A Data Mining and Analysis Platform for Investment Recommendations	04/04/2021	Hernández-Nieves, E., Parra-Domínguez, J., Chamoso, P., Rodríguez-González, S., & Corchado, J. M. (2021). A Data Mining and Analysis Platform for Investment Recommendations. Electronics (JCR:Q2), 10(7), 859. doi:10.3390/electronics10070859.	IF 2019: 2.412 JCR 2019: ENGINEERING, ELECTRICAL & ELECTRONIC 125/266 (Q2)
Sistemas Inteligentes	HIROAKI SAKURADA, LUCAS	148563	Paper IECON 2021	13/11/21	L. Sakurada, P. Leitao and F. De la Prieta, "Towards the Digitization using Asset Administration Shells," IECON 2021 - 47th Annual Conference of the IEEE Industrial Electronics Society, 2021, pp. 1-6, doi:10.1109/IECON48115.2021.9589370.	CiteScore 0.4 (819 citations 2017-2020/1972 documents 2017-2020). CiteScore measures the average citations received per peer-reviewed document published in this title. CiteScore values are based on citation counts in a range of four years (e.g. 2016-2019) to peer-reviewed documents (articles, reviews, conference papers, data papers and book chapters) published in the same four calendar years, divided by the number of these documents in these same four years (e.g. 2016-2019).

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	HIROAKI SAKURADA, LUCAS	148961	Paper IMS 2022	05/05/2022	L. Sakurada, P. Leita, and F. D. la Prieta, "Agent-based asset administration shell approach for digitizing industrial assets," IFAC-PapersOnLine, vol. 55, no. 2, pp. 193-198, 2022, 14th IFAC Workshop on Intelligent Manufacturing Systems IMS 2022. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S2405896322001938	CiteScore 2.1 (18134 citations 2017-2020/8464 documents 2017-2020). CiteScore measures the average citations received per peer-reviewed document published in this title. CiteScore values are based on citation counts in a range of four years (e.g. 2016-2019) to peer-reviewed documents (articles, reviews, conference papers, data papers and book chapters) published in the same four calendar years, divided by the number of these documents in these same four years (e.g. 2016-2019).
Sistemas Inteligentes	Jiménez Bravo, Diego Manuel	40186	Dealing with Demand in Electric Grids with an Adaptive Consumption Manageme	25/03/18	Diego M. Jiménez-Bravo, Juan F. De Paz, Gabriel Villarrubia, and Javier Bajo, ¿Dealing with Demand in Electric Grids with an Adaptive Consumption Management Platform,¿ Complexity, vol. 2018, Article ID 4012740, 14 pages, 2018. https://doi.org/10.1155/2018/4012740 .	Factor de impacto (JCR-2016) 4,621 Posición: (JCR-2016) 2/100 -> Mathematics, interdisciplinary applications Q1 9/64 -> Multidisciplinary sciences Q1
Sistemas Inteligentes	Jiménez Bravo, Diego Manuel	40187	Agent-Based Intelligent Interface for Wheelchair Movement Control	05/11/2018	Barriuso, A.L.; Pérez-Marcos, J.; Jiménez-Bravo, D.M.; Villarrubia González, G.; De Paz, J.F. Agent-Based Intelligent Interface for Wheelchair Movement Control. Sensors 2018, 18, 1511.	Factor de impacto: (JCR-2016) 2,667 Posición: (JCR-2016) 10/58 -> Instruments & Instrumentation Q1 25/75 -> Chemistry, analytical Q2 12/29 -> Electrochemistry Q3
Sistemas Inteligentes	Jiménez Bravo, Diego Manuel	53235	Multi-Agent Recommendation System for Electrical Energy Optimization Architecture to	04/05/2019	Jiménez-Bravo, D.M.; Pérez-Marcos, J.; H. De la Iglesia, D.; Villarrubia González, G.; De Paz, J.F. Multi-Agent Recommendation System for Electrical Energy Optimization and Cost Saving in Smart Homes. Energies 2019, 12, 1317.	Revista indexada en el JCR con categoría Q2.
Sistemas Inteligentes	Jiménez Bravo, Diego Manuel	53238	Embed Software Agents in Resource Constrained Internet of	29/12/19	H. De La Iglesia, D.; Villarrubia González, G.; Sales Mendes, A.; Jiménez-Bravo, D.M.; L. Barriuso, A. Architecture to Embed Software Agents in Resource Constrained Internet of Things Devices. Sensors 2019, 19, 100.	Revista indexada en el JCR con categoría Q2.

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	52715	Multi-Agent Decision Support Tool to Enable Interoperability among Heteroge	30/12/17	Teixeira, B., Pinto, T., Silva, F., Santos, G., Praça, I., Vale, Z. "Multi-Agent Decision Support Tool to Enable Interoperability among Heterogeneous Energy Systems", Applied Sciences, 8(3), 2018.	Current Impact Factor:1.689 5-year Impact Factor:1.855 JCR category rank: - 98/171 (Q3) in `Chemistry, Multidisciplinary`; - 170/285 (Q3) in `Materials Science, Multidisciplinary`; - 77/146 (Q3) in `Physics, Applied`;
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	52835	Rule-Based Model for Smart Building Supervision and Management	07/02/2018	Nouredine Tamani, Shohreh Ahvar, Gabriel Santos, Bernard Istasse, Isabel Praça, Paul-Emmanuel Brun, Yacine Ghamri, Noël Crespi, Adrien Bécue. "Rule-Based Model for Smart Building Supervision and Management". IEEE International Conference on Services Computing (IEEE SCC 2018), July 2-7, 2018, San Francisco, CA, USA.	N/A
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	52831	Iberian electricity market ontology to enable smart grid market simulation	09/06/2018	Gabriel Santos, Tiago Pinto, Isabel Praça, Zita Vale, "Iberian electricity market ontology to enable smart grid market simulation", Energy Informatics, Springer, vol. 1, no. 13, September 2018, doi.org/10.1186/s42162-018-0018-2.	N/A
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	52834	Demonstration of Tools Control Center for Multi-Agent Energy Systems Simula	20/06/18	Brigida Teixeira, Francisco Silva, Tiago Pinto, Gabriel Santos, Isabel Praca, and Zita Vale, "Demonstration of Tools Control Center for Multi-Agent Energy Systems Simulation", 16th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS), Toledo, Spain, 21-23 June, 2018.	Core ranking:C
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	52833	Power Systems Simulation Using Ontologies to Enable the Interoperability of	30/08/18	Gabriel Santos, Francisco Silva, Brígida Teixeira, Zita Vale, Tiago Pinto, "Power Systems Simulation Using Ontologies to Enable the Interoperability of Multi-Agent Systems", 2018 Power Systems Computation Conference (PSCC), pp. 1-6, Dublin, Ireland, 11-15 June 2018.	N/A
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	52836	Multi-Agent Systems Society for Power and Energy Systems Simulation	07/10/2018	Gabriel Santos, Tiago Pinto, Zita Vale, "Multi-Agent Systems Society for Power and Energy Systems Simulation", AAMAS 2018 (International Conference on Autonomous Agents and Multiagent Systems), workshop on Multi-Agent Based Systems, Stockholm, Sweden, July 10-15, 2018.	Core ranking:A*
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	52837	A context-based building security alarm through power and sensors analysis	10/10/2018	Francisco Silva, Gabriel Santos, Isabel Praça, Zita Vale, "A context-based building security alarm through power and sensors analysis", Energy Informatics, Oldenburg, Germany, October 2018. DOI:10.1186/s42162-018-0045-z.	N/A
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	52832	Multi-Agent-Based CBR Recommender System for Intelligent Energy Management	03/01/2019	Tiago Pinto, Ricardo Faia, Maria Navarro-Caceres, Gabriel Santos, Juan Manuel Corchado, Zita Vale, "Multi-Agent-Based CBR Recommender System for Intelligent Energy Management in Buildings", IEEE Systems, pp(99):1-12, November 2018, DOI:10.1109/JSYST.2018.2876933.	Current Impact Factor:4.337 5-year Impact Factor:4.139

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	69231	Semantic Web Services for Multi-Agent Systems Interoperability	09/04/2019	Canito A., Santos G., Corchado J.M., Marreiros G., Vale Z. (2019) Semantic Web Services for Multi-Agent Systems Interoperability. In: Moura Oliveira P., Novais P., Reis L. (eds) Progress in Artificial Intelligence. EPIA 2019. Lecture Notes in Computer Science, vol 11805. Springer, Cham.	N/A
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	52838	Practical application of a multi-agent systems society for energy management	13/05/19	Tiago Pinto, Gabriel Santos, Zita Vale, "Practical application of a multi-agent systems society for energy management and control", Proceedings of the 18th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2019), Monreal, Canada, 13-17 May 2019.	Core ranking:A*
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	69206	BRICKS: Building's reasoning for intelligent control knowledge-based system	09/11/2019	Gabriel Santos, Zita Vale, Pedro Faria, Luis Gomes, "BRICKS:Building's reasoning for intelligent control knowledge-based system", Sustainable Cities and Society, Volume 52, 2020, 101832, ISSN 2210-6707, https://doi.org/10.1016/j.scs.2019.101832 .	Impact Factor:4.624
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	69207	Multi-agent semantic interoperability in complex energy systems simulati...	15/12/19	Gabriel Santos, Tiago Pinto, Zita Vale, Juan M. Corchado, "Multi-agent semantic interoperability in complex energy systems simulation and decision support", 2019 20th International Conference on Intelligent Systems Applications to Power Systems (ISAP), New Delhi, India, 2019.	N/A
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	90984	Constrained Generation Bids in Local Electricity Markets: A Semantic Appra	08/02/2020	Santos, G.;Faria, P.;Vale, Z.;Pinto, T.;Corchado, J.M. Constrained Generation Bids in Local Electricity Markets:A Semantic Approach. Energies 2020, 13, 3990. DOI:10.3390/en13153990	Current Impact Factor:2.702 (2019) 5-year Impact Factor:2.822 (2019)
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	73115	Application Ontology for Multi-Agent and Web-Services' Co-Simulation in Pow	28/04/20	B. Teixeira, G. Santos, T. Pinto, Z. Vale and J. M. Corchado, "Application Ontology for Multi-Agent and Web-Services' Co-Simulation in Power and Energy Systems," in IEEE Access, doi:10.1109/ACCESS.2020.2991010.	Impact Factor: 4.098
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	104198	Ontologies to Enable Interoperability of Multi-Agent Electricity Markets Si	26/05/21	Santos, G.;Pinto, T.;Vale, Z. Ontologies to Enable Interoperability of Multi-Agent Electricity Markets Simulation and Decision Support. Electronics 2021, 10, 1270. https://doi.org/10.3390/electronics10111270	Impact Factor 2.412 CiteScore 1.9 Scopus
Sistemas Inteligentes	LOPES DOS SANTOS, GABRIEL JOSÉ	103112	Semantic Interoperability for Heterogeneous Multi-Agent Systems in the scop	02/11/2021	Gabriel Santos, Tiago Pinto, Zita Vale, and Juan M. Corchado. Semantic Interoperability for Heterogeneous Multi-Agent Systems in the scope of Energy and Power Systems. Jornada de seguimiento de la actividad investigadora 2020-2021.	N/A

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	López Barriuso, Alberto	29145	Single appliance automatic recognition: comparison of classifiers	21/06/17	Single appliance automatic recognition: comparison of classifiers. Daniel Hernández de la Iglesia, Alberto López Barriuso, Álvaro Lozano Murciego, Jorge Revuelta Herrero, Jorge Landeck, Juan F. de Paz, Juan M. Corchado.	-
Sistemas Inteligentes	López Barriuso, Alberto	29146	Non Intrusive Load Monitoring (NILM): a state of the art	21/06/17	Non Intrusive Load Monitoring (NILM): a state of the art. Jorge Revuelta Herrero, Álvaro Lozano Murciego, Alberto López Barriuso, Daniel Hernández de La Iglesia, Rita Carreira, Gabriel Villarrubia González and Juan Manuel Corchado Rodríguez	-
Sistemas Inteligentes	López Barriuso, Alberto	41249	Increasing the Intensity over Time of an Electric-Assist Bike Based on the	14/01/18	De La Iglesia, D. H., De Paz, J. F., Villarrubia González, G., Barriuso, A. L., Bajo, J., & Corchado, J. M. (2018). Increasing the Intensity over Time of an Electric-Assist Bike Based on the User and Route: The Bike Becomes the Gym. Sensors, 18(1), 220.	Primer cuartil (Q1) Factor de impacto 2.677
Sistemas Inteligentes	López Barriuso, Alberto	41250	Combination of Multi-Agent Systems and Wireless Sensor Networks for the Mon	01/02/2018	Barriuso, A. L., Villarrubia González, G., De Paz, J. F., Lozano, Á., & Bajo, J. (2018). Combination of Multi-Agent Systems and Wireless Sensor Networks for the Monitoring of Cattle. Sensors, 18(1), 108.	1er cuartil (Q1) Factor de impacto 2.677
Sistemas Inteligentes	López Barriuso, Alberto	41245	A Context-Aware Indoor Air Quality System for Sudden Infant Death Syndrome	03/02/2018	De La Iglesia, D. H., De Paz, J. F., Villarrubia González, G., Barriuso, A. L., & Bajo, J. (2018). A Context-Aware Indoor Air Quality System for Sudden Infant Death Syndrome Prevention. Sensors, 18(3), 757.	Primer cuartil (Q1) Factor de impacto 2.677
Sistemas Inteligentes	López Barriuso, Alberto	41252	MOVICLOUD: Agent-Based 3D Platform for the Labor Integration of Disabled Pe	27/02/18	Barriuso, A. L., De la Prieta, F., Villarrubia González, G., De La Iglesia, D. H., & Lozano, Á. (2018). MOVICLOUD: Agent-Based 3D Platform for the Labor Integration of Disabled People. Applied Sciences, 8(3), 337.	3er cuartil (Q3) Factor de impacto: 1.679
Sistemas Inteligentes	López Barriuso, Alberto	41244	Agent-Based Intelligent Interface for Wheelchair Movement Control	05/11/2018	Barriuso, A. L., Pérez-Marcos, J., Jiménez-Bravo, D. M., Villarrubia González, G., & De Paz, J. F. (2018). Agent-Based Intelligent Interface for Wheelchair Movement Control. Sensors, 18(5), 1511.	1er cuartil (Q1) Factor de impacto 2.677
Sistemas Inteligentes	López Barriuso, Alberto	17268	New Architecture for Electric Bikes Control Based on Smartphones and Wirele	-	-	-
Sistemas Inteligentes	López Barriuso, Alberto	17270	An Intelligent Agent-Based Journalism Platform	-	-	-
Sistemas Inteligentes	López Barriuso, Alberto	10350	An Agent-Based Social Simulation Platform with 3D Representation	-	-	-

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
			for ...			
Sistemas Inteligentes	López Barriuso, Alberto	17267	Multi Agent Application for Chronic Patients: Monitoring and Detection of R Smart Waste Collection	-	-	-
Sistemas Inteligentes	López Barriuso, Alberto	17269	Platform Based on WSN and Route Optimization	-	-	-
Sistemas Inteligentes	López Barriuso, Alberto	41237	Household occupancy detection based on electric energy consumption	-	-	-
Sistemas Inteligentes	López Barriuso, Alberto	41243	Multi-Agent System for the Recommendation of Electric Bicycle Routes	-	-	-
Sistemas Inteligentes	López Sánchez, Daniel	25558	A CBR framework with gradient boosting based feature selection for lung can	14/05/17	Ramos-González, J., López-Sánchez, D., Castellanos-Garzón, J. A., de Paz, J. F., & Corchado, J. M. (2017). A CBR framework with gradient boosting based feature selection for lung cancer subtype classification. Computers in Biology and Medicine.	Impact Factor: 1.521
Sistemas Inteligentes	López Sánchez, Daniel	40329	Publicación Applied Sciences	29/12/17	López-Sánchez, D., Herrero, J. R., Arrieta, A. G., & Corchado, J. M. Hybridizing metric learning and case-based reasoning for adaptable clickbait detection. Applied Intelligence, 1-16.ISO 690	Q2
Sistemas Inteligentes	López Sánchez, Daniel	40327	Publicación Information Sciences	04/01/2018	López-Sánchez, D., Corchado, J. M., & Arrieta, A. G. (2018). Data-independent Random Projections from the feature-map of the Homogeneous Polynomial Kernel of degree two. Information Sciences.	Q1
Sistemas Inteligentes	López Sánchez, Daniel	40328	Publicación Pattern Recognition	05/01/2018	López-Sánchez, D., Arrieta, A. G., & Corchado, J. M. (2018). Data-independent Random Projections from the feature-space of the Homogeneous Polynomial Kernel. Pattern Recognition.	Q1
Sistemas Inteligentes	López Sánchez, Daniel	49662	Publicación en Neurocomputing	01/10/2019	López-Sánchez, D., Arrieta, A. G., & Corchado, J. M. (2019). Visual content-based web page categorization with deep transfer learning and metric learning. Neurocomputing.	Impact Factor 3.241 (2017), Q1
Sistemas Inteligentes	Lozano Murciego, Álvaro	27798	Non Intrusive Load Monitoring (NILM): a state of the art	21/06/17	Reuelta, J., Lozano, Á., Barriuso, A. L., Hernández, D., Carreira R. Villarrubia G. & Corchado J.M.(2017, June). Non Intrusive Load Monitoring (NILM): a state of the art . In International Conference on Practical Applications of Agents and Multi-Agent Systems Springer International Publishing.	-
Sistemas Inteligentes	Lozano Murciego, Álvaro	27800	Single appliance automatic recognition:	21/06/17	Hernández, D., Barriuso, A. L., Lozano, Á., Reuelta, J., Landeck J. De Paz J. F. & Corchado J.M.(2017, June). Single appliance automatic recognition: comparison of classifiers . In International Conference on	-

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
			comparison of classifiers		Practical Applications of Agents and Multi-Agent Systems Springer International Publishing.	
Sistemas Inteligentes	Lozano Murciego, Álvaro	41448	Combination of Multi-Agent Systems and Wireless Sensor Networks for the Monitoring of Cattle	01/02/2018	Barriuso, A. L., Villarrubia González, G., De Paz, J. F., Lozano, Á., & Bajo, J. (2018). Combination of Multi-Agent Systems and Wireless Sensor Networks for the Monitoring of Cattle. <i>Sensors</i> , 18(1), 108.	Q1
Sistemas Inteligentes	Lozano Murciego, Álvaro	41450	MOVICLOUD: Agent-Based 3D Platform for the Labor Integration of Disabled People	27/02/18	Barriuso, A. L., De la Prieta, F., Villarrubia González, G., De La Iglesia, D. H., & Lozano, Á. (2018). MOVICLOUD: Agent-Based 3D Platform for the Labor Integration of Disabled People. <i>Applied Sciences</i> , 8(3), 337.	Q3
Sistemas Inteligentes	Lozano Murciego, Álvaro	41449	Multi-Agent System for Demand Prediction and Trip Visualization in Bike Sharing Systems	01/05/2018	Lozano, Á., De Paz, J. F., Villarrubia González, G., Iglesia, D. H., & Bajo, J. (2018). Multi-Agent System for Demand Prediction and Trip Visualization in Bike Sharing Systems. <i>Applied Sciences</i> , 8(1), 67.	Q3
Sistemas Inteligentes	Lozano Murciego, Álvaro	41453	Platform for Indexing Music Albums Based on Augmented Reality Techniques and Multi-Agent Systems	21/06/18	Ø Platform for Indexing Music Albums Based on Augmented Reality Techniques and Multi-Agent Systems ^M Ángeles Muñoz, Daniel Hernández de La Iglesia, Gabriel Villarrubia, Juan Francisco De Paz Santana, Álvaro Lozano Murciego and Alberto López Barriuso	Congreso internacional
Sistemas Inteligentes	Lozano Murciego, Álvaro	41454	Multi-Agent System for the Recommendation of Electric Bicycle Routes	21/06/18	Ø Multi-Agent System for the Recommendation of Electric Bicycle Routes Daniel H. de La Iglesia, Álvaro Lozano Murciego, Alberto L. Barriuso, Gabriel Villarrubia and Juan F. de Paz	Congreso internacional
Sistemas Inteligentes	Lozano Murciego, Álvaro	41455	Household occupancy detection based on electric energy consumption	21/06/18	Ø Household occupancy detection based on electric energy consumption- Alberto López Barriuso, Álvaro Lozano Murciego, Daniel Hernández de La Iglesia, Gabriel Villarrubia and Juan Francisco De Paz Santana	Congreso internacional
Sistemas Inteligentes	Lozano Murciego, Álvaro	41451	Smart Waste Collection System with Low Consumption LoRaWAN Nodes and Route Optimization	05/08/2018	Lozano, Á., Caridad, J., De Paz, J. F., Villarrubia González, G., & Bajo, J. (2018). Smart Waste Collection System with Low Consumption LoRaWAN Nodes and Route Optimization. <i>Sensors</i> , 18(5), 1465.	Q1
Sistemas Inteligentes	Lozano Murciego, Álvaro	17300	New architecture for electric bikes control based on smartphones and wireless	-	-	-

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Lozano Murciego, Álvaro	17298	Multi Agent Application for chronic patients: Monitoring and detection of	-	-	-
Sistemas Inteligentes	Lozano Murciego, Álvaro	17299	An intelligent agent-based journalism platform	-	-	-
Sistemas Inteligentes	Lozano Murciego, Álvaro	17297	Smart waste collection platform based on WSN and route optimization	-	-	-
Sistemas Inteligentes	Martín García, Rubén	29180	Stochastic Navigation in Smart Cities	12/01/2017	R. Martín-García, F. Prieto-Castrillo, G. Villarrubia, J. Prieto, J.M. Corchado. (2017). Stochastic Navigation in Smart Cities. Computational Intelligence and neuroscience.	(JCR-2015) 0.430, Q4 Mathematical & Computational Biology, Q4 Neurosciences.
Sistemas Inteligentes	Martín García, Rubén	40631	Stochastic Navigation in Smart Cities	07/05/2017	Martín García, R., Prieto-Castrillo, F., Villarrubia González, G., Prieto Tejedor, J., & Corchado, J. M. (2017). Stochastic Navigation in Smart Cities. Energies, 10(7), 929.	Q2
Sistemas Inteligentes	Martín García, Rubén	29179	Electric Vehicle Urban Exploration by Anti-pheromone Swarm based Algorithms	21/06/17	R. Martín-García, F. Prieto-Castrillo, G. Villarrubia, J. Bajo. (2017, June). Electric Vehicle Urban Exploration by Anti-pheromone Swarm based Algorithms. In International Conference on Ambient Intelligence (2017 8th IEEE).	This conference is sponsored by the IEEE Systems Man and Cybernetics Society Spain Section Chapter
Sistemas Inteligentes	Martín Gómez, Lucía	42464	PAAMS 2017	21/06/17	Gómez, L. M., & Cáceres, M. N. (2017, June). Applying Data Mining for Sentiment Analysis in Music. In International Conference on Practical Applications of Agents and Multi-Agent Systems (pp. 198-205). Springer, Cham.	CORE C
Sistemas Inteligentes	Martín Gómez, Lucía	42463	C3GI 2017	15/12/17	Martín-Gómez, L., Pérez-Marcos, J., Navarro-Cáceres, M. & Rodríguez-González, S. (2017). Automatic composition of descriptive music: A case study of the relationship between image and sound. In C3GI@ ESSLLI.	-
Sistemas Inteligentes	Martín Gómez, Lucía	42474	Avances en Informática - Undécimo Workshop	18/05/18	Corchado Rodríguez, E., Corchado Rodríguez, J. M., Durán Escudero, J., Fargallo Calvo, L., Galdámez Canales, M. D., García-Peñalvo, F. J., ... & Moreno García, M. N. Avances en Informática y Automática. Undécimo Workshop.	-
Sistemas Inteligentes	Martín Gómez, Lucía	42475	Editora de Avances en Informática - Undécimo Workshop	18/05/18	Corchado Rodríguez, E., Corchado Rodríguez, J. M., Durán Escudero, J., Fargallo Calvo, L., Galdámez Canales, M. D., García-Peñalvo, F. J., ... & Moreno García, M. N. Avances en Informática y Automática. Undécimo Workshop.	-
Sistemas Inteligentes	Martín Gómez, Lucía	42462	SOCO 2018	06/06/2018	María Navarro Cáceres; Lucía Martín Gómez; Inés Sittón Candanedo; Sara Rodríguez González; Belén Pérez Lancho. "Advances in Intelligent Systems and Computing ¿ AISC". En: Advances in Intelligent Systems and Computing ¿ AISC.	-

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Martín Gómez, Lucía	42461	KMO 2018 - Semantic analysis system for Industry 4.0	08/06/2018	Rivas, A., Martín-Gómez, L., Sitton, I., Chamoso, P., Martín-Limorti, J., Prieto, J., Briones, A. (2018, August). Semantic analysis system for Industry 4.0. In Thirteenth International KMO Conference On Knowledge Management In Organizations, Zilina.	-
Sistemas Inteligentes	Martín Gómez, Lucía	42466	DCAI 2018 - Convolutional neural networks and transfer learning applied ...	20/06/18	Martín-Gómez, L., Pérez-Marcos, J., Navarro-Cáceres, M., Rodríguez-González, S. (2018). Convolutional neural networks and transfer learning applied to automatic composition of descriptive music In 15th International Conference on Distributed Computing and Artificial Intelligence. Springer International Publishing	CORE C
Sistemas Inteligentes	Martín Gómez, Lucía	42465	DCAI 2018	20/06/18	Ramos-González, J., Martín-Gómez, L. (2018). A text mining-based approach for analyzing information retrieval in Spanish: music data collection as a case study. In 15th International Conference on Distributed Computing and Artificial Intelligence. Springer International Publishing	CORE C
Sistemas Inteligentes	Martín Gómez, Lucía	52639	XXXI AEMARK International Marketing Conference 2019	06/05/2019	Lahuerta-Otero, E., Cordero Gutiérrez, R., Martín-Gómez, L. (2019) Which is the Best Instagram Recipe for a Successful Post? in XXXI AEMARK International Marketing Conference.	-
Sistemas Inteligentes	Martín Gómez, Lucía	52642	Journal of Ambient Intelligence and Humanized Computing	06/10/2019	Javier Pérez-Marcos; Lucía Martín-Gomez; Diego M. Jiménez-Bravo; Vivian F. López; María N. Moreno (2019) Hybrid System for Video game Recommendation based on Implicit Ratings and Social Networks in Journal of Ambient Intelligence and Humanized Computing	Impact Factor (2017): 1.423 5 Year Impact Factor (2017): 1.345 Source Normalized Impact per Paper (2017): 0.894 SCImago Journal Rank (2017): 0.352 h5 Index (2017): 24
Sistemas Inteligentes	Martín Gómez, Lucía	68351	Publicación Artículo Científico	17/01/20	Pérez-Marcos, J., Martín-Gómez, L., Jiménez-Bravo, D.M. et al. Hybrid system for video game recommendation based on implicit ratings and social networks. J Ambient Intell Human Comput (2020) doi:10.1007/s12652-020-01681-0	Impact Factor: 1.91 5 Year Impact Factor (2018): 1.598 Source Normalized Impact per Paper (2017): 1.128 SCImago Journal Rank (2017): 0.350 h5 Index (2017): 23
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	39978	Energy Analyzer Emulator for Microgrid Implementation and Demonstration...	06/01/2018	The paper is accepted but not yet published.	IF: 1.169 https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=2943
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	52774	Sensors Journal	12/01/2018	Gomes, L.; Sousa, F.; Vale, Z. An Intelligent Smart Plug with Shared Knowledge Capabilities. Sensors 2018, 18, 3961. https://www.mdpi.com/1424-8220/18/11/3961/htm	Current Impact Factor: 2.475 5-year Impact Factor: 3.014 JCR category rank: 30/80 (Q2) in `Chemistry, Analytical`, 15/28 (Q3) in the `Electrochemistry` and 16/61 (Q2) in `Instruments & Instrumentation`

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	39990	Implementation of a Real-Time Microgrid Simulation Platform Based on	14/06/18	O. Abrishambaf, P. Faria, L. Gomes, J. Spinola, Z. Vale, and J. M. Corchado, "Implementation of a Real-Time Microgrid Simulation Platform based on Centralized and Distributed Management," Energies, vol. 10, no. 6, pp. 806-820, 2017.	Open-source publication IF: 2.262 http://www.mdpi.com/journal/energies
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	52772	IEEE TIA Journal	02/01/2019	L. Gomes, P. Faria, Z. A. Vale and J. Silva, "Energy Analyzer Emulator for Microgrid Implementation and Demonstration and Respective Gateway," in IEEE Transactions on Industry Applications, vol. 55, no. 1, pp. 134-144, Jan.-Feb. 2019. doi: 10.1109/TIA.2018.2866451 https://ieeexplore.ieee.org/document/8443138	2.743 Impact Factor 0.02537 Eigenfactor 0.912 Article Influence Score
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	52799	Future Internet Journal	03/02/2019	Gomes, L.; Ramos, C.; Jozi, A.; Serra, B.; Paiva, L.; Vale, Z. IoT: A Platform for the Intelligence of Home with a Context Awareness and Ambient Intelligence Approach. Future Internet 2019, 11, 58. https://www.mdpi.com/1999-5903/11/3/58/htm	ISSN: 1999-5903 E-ISSN: 1999-5903 Do not have impact factor at this moment
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	52776	Energies Journal	30/05/19	Gomes, L.; Sousa, F.; Pinto, T.; Vale, Z. A Residential House Comparative Case Study Using Market Available Smart Plugs and EnAPlugs with Shared Knowledge. Energies 2019, 12, 1647. https://www.mdpi.com/1996-1073/12/9/1647/htm	Current Impact Factor: 2.676 5-year Impact Factor: 3.045 JCR category rank: 48/97 (Q2) in Energy & Fuels
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	80024	Journal of Cleaner Production	20/12/19	Luis Gomes, João Spínola, Zita Vale, Juan M. Corchado, "Agent-based architecture for demand side management using real-time resources priorities and a deterministic optimization algorithm", Journal of Cleaner Production, Volume 241, 2019, 118154, ISSN 0959-6526, https://doi.org/10.1016/j.jclepro.2019.118154	7.32 Cite Score 6.395 Impact factor Q1 in Environmental Science Q1 in Industrial and Manufacturing Engineering Q1 in Renewable Energy, Sustainability and the Environment Q1 in Strategy and Management
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	79999	IEEE Access	04/02/2020	L. Gomes, Z. A. Vale and J. M. Corchado, "Multi-Agent Microgrid Management System for Single-Board Computers: A Case Study on Peer-to-Peer Energy Trading," in IEEE Access, vol. 8, pp. 64169-64183, 2020, doi: 10.1109/ACCESS.2020.2985254.	4.098 Impact Factor 0.03922 Eigenfactor 0.835 Article Influence Score Q1 in Computer Science Q1 in Engineering
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	80032	Measurement	15/03/20	Luis Gomes, Zita Vale, Juan M. Corchado, "Microgrid management system based on a multi-agent approach: An office building pilot", Measurement, Volume 154, 2020, 107427, ISSN 0263-2241, https://doi.org/10.1016/j.measurement.2019.107427	3.44 Cite Score 2.791 Impact Factor Q1 in Instrumentation Q1 in Electrical and Electronic Engineering Q1 in Education
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	17234	Power-line communication for equipment control and monitoring in a	-	-	-

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
			Smart Ho			
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	17232	M2M Wireless Home Network for Appliances with Real-Time Monitoring and Con	-	-	-
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	17231	Application of a Home Energy Management System for Incentive-Based Demand R	-	-	-
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	17230	Real-Time Simulation of Renewable Energy Transactions in the Microgrid Cont	-	-	-
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	17235	Electrical Energy Consumption Forecast Using External Facility Data	-	-	-
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	17227	Simulation and Control of Consumption and Generation of Hardware Resources	-	-	-
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	17238	Dynamic Loads and Micro-Generation Method for a House Management System	-	-	-
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	17237	Publishing Real-time Microgrid Consumption Data on the Web of Linked Data	-	-	-
Sistemas Inteligentes	OLIVEIRA GOMES, LUÍS FILIPE DE	17236	Microgrid Demonstration Gateway for Players Communication	-	-	-

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Ospina Bohorquez, Alejandra	98282	Publicación científica en la revista Sustainability and Load Monitori	13/04/21	Ospina-Bohórquez, A.; Rodríguez-González, S.; Vergara-Rodríguez, D. On the Synergy between Virtual Reality and Multi-Agent Systems. Sustainability 2021, 13, 4326. https://doi.org/10.3390/su13084326	Factor de impacto: Factor de impacto actual:2.576 Factor de impacto de 5 años:2.798 Rango de categoría JCR:120/265 (Q2) enEnvironmental Sciences(SCIE);26/41 (Q3) enGreen & Sustainable Science & Technology;53/123 (Q2) enEnvironmental Studies.

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	PEREIRA MARTINHO, DIOGO EMANUEL	40883	WorldCIST 2018	03/01/2018	Martinho, D., Carneiro, J., Mohammed, A., Vieira, A., Praça, I., & Marreiros, G. (2018, March). Defining a Collaborative Platform to Report Machine State. In World Conference on Information Systems and Technologies (pp. 267-279). Springer, Cham.	<p>The WorldCist'18 - 6th World Conference on Information Systems and Technologies, held at Naples, Italy, 27 - 29 March 2018, is a global forum for researchers and practitioners to present and discuss the most recent innovations, trends, results, experiences and concerns in the several perspectives of Information Systems and Technologies.</p> <p>Workshops full and short papers are published in the conference main proceedings published by Springer in a book of the AISC series. Proceedings are submitted for indexation by ISI Thomson, SCOPUS, DBLP, EI-Compendex among several other scientific databases.</p> <p>AISC has a SCOPUS CiteScore of 0.4 and a SNIP of 0.338 in 2017.</p> <p>WorldCIST is ranked C in CORE2018.</p>

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	PEREIRA MARTINHO, DIOGO EMANUEL	40854	DCAI 2018	20/06/18	Carneiro, J., Conceição, L., Martinho, D., Marreiros, G., & Novais, P. (In Press, 2018). A Framework for Group Decision-Making: Including Cognitive and Affective Aspects in a MCDA Method for Alternatives Rejection. In 15th International Conference on Distributed Computing and Artificial Intelligence (DCAI 2018).	The 15th International Conference on Distributed Computing and Artificial Intelligence 2018 is an annual forum that will bring together ideas, projects, lessons, etc. associated with distributed computing and artificial intelligence, and their application in different areas. This meeting will be held in Toledo within PAAMS'18 in 20th-22nd June, 2018. DCAI'18 is sponsored by the IEEE Systems Man and Cybernetics Society Spain Section Chapter and the IEEE Spain Section (Technical Co-Sponsor).
Sistemas Inteligentes	PEREIRA MARTINHO, DIOGO EMANUEL	52577	Artificial Intelligence Review	18/02/19	Accepted - Under publication	SJR - Q1 0.833 SCOPUS - Q1 3.814
Sistemas Inteligentes	PEREIRA MARTINHO, DIOGO EMANUEL	75592	EPIA 2019	09/03/2019	Martinho, D., Carneiro, J., Novais, P., Neves, J., Corchado, J., & Marreiros, G. (2019, September). A Conceptual Approach to Enhance the Well-Being of Elderly People. In EPIA Conference on Artificial Intelligence (pp. 50-61). Springer, Cham.	CORE Ranking - Regional Published papers are included in the conference proceedings, a volume of Springer's Lecture Notes in Artificial Intelligence (ranked Q2 0.295 SJR)
Sistemas Inteligentes	PEREIRA MARTINHO, DIOGO EMANUEL	58909	Concurrency and Computation: Practice and Experience	21/03/19	Conceição, L., Martinho, D., Andrade, R., Carneiro, J., Martins, C., Marreiros, G., Novais, P.: A web-based group decision support system for multicriteria problems. Concurrency and Computation: Practice and Experience e5298	Q2, Impact Factor: 1.114
Sistemas Inteligentes	PEREIRA MARTINHO, DIOGO EMANUEL	52578	ER 2019	18/04/19	Under Review	CORE2018 - Rank A
Sistemas Inteligentes	PEREIRA MARTINHO, DIOGO EMANUEL	52599	EPIA 2019	30/04/19	Under Review	Accepted papers will be included in the conference proceedings, a volume of Springer's Lecture Notes in Artificial Intelligence (ranked Q2 0.295 SJR)
Sistemas Inteligentes	PEREIRA MARTINHO, DIOGO EMANUEL	52575	ICIMTH 2019	07/05/2019	Vieira, A., Martinho, D., Martins, C., Almeida, A., & Marreiros, G. (In Press, 2019). Defining an Architecture for a Coaching Module to Support Self-Monitoring of Chronic Obstructive Respiratory Diseases. In 17th International Conference on Informatics, Management and Technology in Healthcare (ICIMTH 2019).	Accepted full papers will be published by IOS Press in the series ¿Studies in Health Technology and Informatics¿ (ranked Q3 0.236 SJR 2017) and indexed in MEDLINE/PubMed, Scopus.
Sistemas Inteligentes	PEREIRA MARTINHO, DIOGO EMANUEL	75591	Artificial Intelligence Review	20/02/20	Martinho, D., Carneiro, J., Corchado, J. M., & Marreiros, G. (2020). A systematic review of gamification techniques applied to elderly care. Artificial Intelligence Review, 1-39.	SJR - Q1 1.055 CiteScore - 6.09 SNIP - 3.578
Sistemas Inteligentes	PEREIRA MARTINHO, DIOGO EMANUEL	75593	WorldCist'20	22/05/20	Martinho, D., Vieira, A., Carneiro, J., Martins, C., Almeida, A., & Marreiros, G. (2020, April). A Definition of a Coaching Plan to Guide Patients with Chronic Obstructive Respiratory Diseases. In World	CORE Ranking - C

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
					Conference on Information Systems and Technologies (pp. 54-64). Springer, Cham.	
Sistemas Inteligentes	PEREIRA MARTINHO, DIOGO EMANUEL	147045	Article Published in EPIA Conference	09/01/2021	Martinho, D., Carneiro, J., Neves, J., Novais, P., Corchado, J., &Marreiros, G. (2021, September). A Reinforcement Learning Approach to Improve User Achievement of Health-Related Goals. In EPIA Conference on Artificial Intelligence (pp. 266-277). Springer, Cham.	Source: CORE2021 Rank: National: Portugal Field Of Research: 4602 - Artificial intelligence¿
Sistemas Inteligentes	PEREIRA MARTINHO, DIOGO EMANUEL	107458	Article Published in Journal of Medical Systems	30/01/21	Martinho, D., Freitas, A., Sá-Sousa, A., Vieira, A., Meira, J., Martins, C., &Marreiros, G. (2021). A Hybrid Model to Classify Patients with Chronic Obstructive Respiratory Diseases. Journal of Medical Systems, 45(3), 1-11.	3.058 (2019)Impact factor3.072 (2019)Five year impact factor54 daysSubmission to first decision149 daysSubmission to acceptance484,219 (2020)Downloads
Sistemas Inteligentes	PEREIRA MARTINHO, DIOGO EMANUEL	107763	Article Submitted in EPIA conference on Artificial Intelligence	30/04/21	Martinho, D., Carneiro, J., Neves, J., Novais, P., Corchado, J., &Marreiros, G. (2021). A Reinforcement Learning Approach to Improve User Achievement of Health-Related Goals. In EPIA Conference on Artificial Intelligence.	CORE Ranking - Regional Published papers are included in the conference proceedings, a volume of Springer's Lecture Notes in Artificial Intelligence (ranked Q2 0.295 SJR)
Sistemas Inteligentes	PEREIRA MARTINHO, DIOGO EMANUEL	147071	Article Published in Electronics Journal	02/02/2022	Martinho, D., Crista, V., Carneiro, J., Corchado, J. M., &Marreiros, G. (2022). An Intelligent Coaching Prototype for Elderly Care. Electronics, 11(3), 460.	ELECTRONICSJournal Impact Factor ¿20202.397Five Year2.408
Sistemas Inteligentes	Pérez Pons, María Eugenia	106103	Efficiency, profitability and productivity: Technological applications in t	12/12/2020	DOI : https://doi.org/10.14201/ADCAIJ2020944754 CITE: Pérez-Pons, M. E., Parra-Domínguez, J., Chamoso, P., Plaza, M., &Alonso, R. (2020). Efficiency, profitability and productivity:Technological applications in the agricultural sector. ADCAIJ:Advances in Distributed Computing and Artificial Intelligence Journal, 9(4).	Publicación Revista sin JCR
Sistemas Inteligentes	Pérez Pons, María Eugenia	106107	Increasing Profitability and Monitoring Environmental Performance: A Case S	30/12/20	DOI : https://doi.org/10.3390/su13010283 APA CITATION:	Journal Rank: JCR - Q2
Sistemas Inteligentes	Pérez Pons, María Eugenia	120675	Publicación revista sensors	08/04/2021	Deep Q-Learning and Preference Based Multi-Agent System for Sustainable Agricultural Market Pérez-Pons, M. E., Alonso, R. S., García, O., Marreiros, G., &Corchado, J. M. (2021). Deep Q-Learning and preference based multi-agent system for sustainable agricultural market. Sensors, 21(16), 5276.	Q1 - IF: 3.5
Sistemas Inteligentes	Pérez Pons, María Eugenia	120691	Publicación revista KER	01/01/2022	Evaluation metrics and dimensional reduction for binary classification algorithms:A case study in Bankruptcy prediction	Q4 - IF: 1.05
Sistemas Inteligentes	Pérez Pons, María Eugenia	120690	Publicación JAISCR	02/02/2022	DOI: 10.2478/jaiscr-2022-0006	Q3 - IF: 2.5
Sistemas Inteligentes	Pérez Pons, María Eugenia	121595	Methodology for efficient capital investments in private sector	01/10/2022	Artículo aceptado y pendiente de publicar en KER (Knowdlege Engineering Review).	Factor de impacto 1.09 (Q4)

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
			companies			
Sistemas Inteligentes	Pérez Pons, María Eugenia	106112	Methodology for efficient capital investments in private sector companies	-	-	-
Sistemas Inteligentes	PINTO VINAGRE MOREIRA, EUGENIA MARGARIDA	22700	2016 IEEE Symposium Series on Computational Intelligence (SSCI)	12/06/2016	E. Vinagre, J. F. De Paz, T. Pinto, Z. Vale, J. M. Corchado and O. Garcia, "Intelligent energy forecasting based on the correlation between solar radiation and consumption patterns," 2016 IEEE Symposium Series on Computational Intelligence (SSCI), Athens, 2016, pp. 1-7. doi: 10.1109/SSCI.2016.7849853	IEEE
Sistemas Inteligentes	PINTO VINAGRE MOREIRA, EUGENIA MARGARIDA	22701	2016 IEEE Symposium Series on Computational Intelligence (SSCI)	12/06/2016	I. Praça, J. Soares, L. Gomes, E. Vinagre, Z. Vale and L. A. Belhaj, "Shared Intelligence for smart grids management," 2016 IEEE Symposium Series on Computational Intelligence (SSCI), Athens, 2016, pp. 1-8. doi: 10.1109/SSCI.2016.7849855	IEEE
Sistemas Inteligentes	PINTO VINAGRE MOREIRA, EUGENIA MARGARIDA	22702	PowerTech 2017 - 12th IEEE Power and Energy Society	18/06/17	E. Vinagre, T. Pinto, I. Praça, L. Gomes, J. Soares, Z. Vale ¿Shared Intelligence Platform for Collaborative Simulations using Sequences of Algorithms: An Electricity Market participation case study¿, 12th IEEE Power and Energy Society, PowerTech Conference, Manchester, UK 18-22 June 2017	IEEE PES
Sistemas Inteligentes	PINTO VINAGRE MOREIRA, EUGENIA MARGARIDA	22704	DCAI'17 14th International Conference on Distributed Computing and AI	21/06/17	G. Pinheiro, E. Vinagre, I. Praça, Z. Vale, C. Ramos,¿Smart Grids Data Management: A Case for Cassandra¿, DCAI'17 14th International Conference on Distributed Computing and Artificial Intelligence, Porto, Portugal 21-23 June, 2017	DCAI is classified as B2 by CAPES Qualis CC-Events
Sistemas Inteligentes	PINTO VINAGRE MOREIRA, EUGENIA MARGARIDA	22705	PAAMS¿17 Doctoral Consortium	22/06/17	E. Vinagre, T. Pinto, Z. Vale, C. Ramos,¿Big Data in efficient Smart Grids management¿, PAAMS¿17 Doctoral Consortium, 15th International Conference on Practical Applications of Agents and Multi-Agent Systems, Porto, Portugal 21-23 June, 2017	PAAMS is classified as B2 by CAPES Qualis CC-Events
Sistemas Inteligentes	PINTO VINAGRE MOREIRA, EUGENIA MARGARIDA	22703	IFKAD'17 12th edition of the International Forum on Knowledge Asset Dynamic	06/07/2017	E. Vinagre, T. Pinto, G. Pinheiro, Z. Vale, J. M. Corchado and C. Ramos,¿Knowledge management system for big data in a smart electricity grid context¿2017IFKAD Knowledge Management in the 21st Century: Resilience, Creativity and Co-creation, St. Petersburg, Russia 7-9 June 2017	IFKAD
Sistemas Inteligentes	PINTO VINAGRE MOREIRA, EUGENIA MARGARIDA	37155	2017 MPCE - Special Section on Forecasting in Modern Power Systems	31/03/18	Tiago Pinto, Eugenia Vinagre, Isabel Praça, Zita Vale, Carlos Ramos, and Juan Manuel Corchado, `Choosing the Information that matters to Boost Electricity Market Prices Forecasting Effectiveness and Efficiency in Big Data¿, J. Mod. Power Syst. Clean Energy, 2017	Impact Factor: 1,532
Sistemas Inteligentes	PINTO VINAGRE MOREIRA, EUGENIA MARGARIDA	17195	¿Electrical Energy Consumption Forecast Using External Facility Data¿, IEEE	-	-	-
Sistemas Inteligentes	PINTO VINAGRE MOREIRA, EUGENIA MARGARIDA	17196	¿Choosing the Information that matters to Boost	-	-	-

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
			Forecasting Effectiveness..			
Sistemas Inteligentes	PINTO VINAGRE MOREIRA, EUGENIA MARGARIDA	17211	"Electrical Energy Consumption Forecast Using Support Vector Machines"	-	-	-
Sistemas Inteligentes	Ramos González, Juan	24072	A CBR framework with gradient boosting based feature selection for lung can	13/05/17	Ramos-González, J., López-Sánchez, D., Castellanos-Garzón, J. A., de Paz, J. F., & Corchado, J. M. (2017). A CBR framework with gradient boosting based feature selection for lung cancer subtype classification. <i>Computers in Biology and Medicine</i> .	Factor de impacto: 1.521 Ranking: Q2
Sistemas Inteligentes	Ramos González, Juan	27733	Publicación en el congreso 11th International Conference PACBB 2017	22/06/17	Castellanos-Garzón, J. A., Ramos, J., López-Sánchez, D., de Paz, J. F. (2017).An Ensemble Approach for Gene Selection in Gene Expression Data. In 11th International Conference on Practical Applications of Computational Biology and Bioinformatics. Springer International Publishing.	-
Sistemas Inteligentes	Ramos González, Juan	23785	An Agent-Based Clustering Approach for Gene Selection in Gene Expression Mi	03/09/2017	Ramos, J., Castellanos-Garzón, J. A., González-Briones, A., de Paz, J. F., & Corchado, J. M. (2017). An Agent-Based Clustering Approach for Gene Selection in Gene Expression Microarray. <i>Interdisciplinary Sciences: Computational Life Sciences</i> , 9(1), 1-13.	Factor de impacto y cuartil: 0.853 / Q4
Sistemas Inteligentes	Ramos González, Juan	40879	A data mining framework based on boundary-points for gene selection from...	20/01/18	Ramos, J., Castellanos-Garzón, J. A., de Paz, J. F., & Corchado, J. M. (2018). A data mining framework based on boundary-points for gene selection from DNA-microarrays: Pancreatic Ductal Adenocarcinoma as a case study. <i>Engineering Applications of Artificial Intelligence</i> , 70, 92-108.	factor de impacto 2.894 Q1
Sistemas Inteligentes	Ramos González, Juan	40868	Publicación en el congreso international conference PACBB (12 ed.)	14/03/18	Castellanos-Garzón, J. A., Ramos, J., Mezquita Martín, Y., de Paz, J. F., Costa, E. (2018).A Genetic Programming Approach Applied to Feature Selection from Medical Data. In 12th International Conference on Practical Applications of Computational Biology and Bioinformatics. Springer International Publishing	-
Sistemas Inteligentes	Ramos González, Juan	40871	Publicación en el congreso international conference DCAI (15 ed)	19/06/18	Ramos-González, J. , Martín-Gómez, L.(2018).A text mining-based approach for analyzing information retrieval in Spanish: music data collection as a case study. In 15th International Conference on Distributed Computing and Artificial Intelligence. Springer International Publishing	-
Sistemas Inteligentes	Ramos González, Juan	40878	An Ensemble Framework Coping with Instability in the Gene Selection Process	01/08/2018	Castellanos-Garzón, J. A., Ramos, J., López-Sánchez, D., de Paz, J. F., & Corchado, J. M. (2018). An Ensemble Framework Coping with Instability in the Gene Selection Process. <i>Interdisciplinary Sciences: Computational Life Sciences</i> , 1-12.	factor de impacto 0.753 Q4
Sistemas Inteligentes	Ramos González, Juan	14947	A Clustering-based Method for Gene Selection to	-	-	-

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
			Classify Tissue Samples in			
Sistemas Inteligentes	RAVEANE , WILLIAM VIGILIO	86839	Publicacion en Congreso DCAI-2014 (Curso 2013-2014)	06/01/2014	William Raveane, María Angélica González Arrieta Shared Map Convolutional Neural Networks for Real-Time Mobile Image Recognition Advances in Intelligent Systems and Computing, Springer Distributed Computing and Artificial Intelligence, 11th International Conference Paginas 485-492 DOI:https://doi.org/10.1007/978-3-319-07593-8_56 Publicado:2014	(Originalmente registrado en RAPI, curso 2013-2014, pero el documento ha desaparecido. Se ha vuelto a subir en el curso 2019-2020)
Sistemas Inteligentes	RAVEANE , WILLIAM VIGILIO	86841	Publicacion en Congreso ISAMI-2014 (Curso 2013-2014)	06/01/2014	Pablo Chamoso, William Raveane, Víctor Parra, Angélica González UAVs Applied to the Counting and Monitoring of Animals Advances in Intelligent Systems and Computing, Springer Ambient Intelligence - Software and Applications Paginas 71-80 DOI:https://doi.org/10.1007/978-3-319-07596-9_8 Publicado:2014	(Originalmente registrado en RAPI, curso 2013-2014, pero el documento ha desaparecido. Se ha vuelto a subir en el curso 2019-2020)
Sistemas Inteligentes	RAVEANE , WILLIAM VIGILIO	86840	Publicacion en Congreso HAIS-2014 (Curso 2013-2014)	06/01/2014	William Raveane, María Angélica González Arrieta Hybrid System for Mobile Image Recognition through Convolutional Neural Networks and Discrete Graphical Models Lecture Notes in Computer Science, Springer Hybrid Artificial Intelligence Systems Paginas 365-376 DOI:https://doi.org/10.1007/978-3-319-07617-1_33 Publicado:2014	(Originalmente registrado en RAPI, curso 2013-2014, pero el documento ha desaparecido. Se ha vuelto a subir en el curso 2019-2020)
Sistemas Inteligentes	RAVEANE , WILLIAM VIGILIO	86810	Publicación en Revista (Curso 2014-2015)	11/01/2015	William Raveane, Maria Angelica Gonzalez Arrieta Neural Networks through Shared Maps in Mobile Devices International Journal of Interactive Multimedia and Artificial Intelligence Regular Issue, Vol. 3, No. 1 DOI:https://doi.org/10.9781/ijimai.2014.314 Publicado:Noviembre, 2014	(Originalmente registrado en RAPI, curso 2014-2015, pero el documento ha desaparecido. Se ha vuelto a subir en el curso 2019-2020)

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	RAVEANE, WILLIAM VIGILIO	30110	A brief review of the ear recognition process using deep neural networks	11/11/2016	@article{GALDAMEZ2016, title = "A brief review of the ear recognition process using deep neural networks", journal = "Journal of Applied Logic", volume = "", number = "", pages = "", year = "2016", note = "", issn = "1570-8683", doi = "http://dx.doi.org/10.1016/j.jal.2016.11.014", url = "http://www.sciencedirect.com/science/article/pii/S1570868316300684", author = "Pedro Luis Galdámez and William Raveane and Angélica González Arrieta", keywords = "Ear recognition", keywords = "Convolutional Neural Network", keywords = "CNN" }	Journal of Applied Logic, Elsevier Indice de Impacto: 0.576
Sistemas Inteligentes	RAVEANE, WILLIAM VIGILIO	79804	Ear Detection and Localization with CNNs in Natural Images and Videos	17/07/19	Ear Detection and Localization with Convolutional Neural Networks in Natural Images and Videos. William Raveane, Pedro Luis Galdámez and María Angélica González Arrieta. PROCESSES. Volume 7 Issue 7. 17 July 2019. Part of the Special Issue Bioinformatics Applications Based On Machine Learning ISSN:2227-9717 - https://doi.org/10.3390/pr7070457	FACTOR IMPACTO:JCR (2018):1,963 POSICIÓN:(JCR 2018) 69/138 - 2º Cuartil en ENGINEERING, CHEMICAL
Sistemas Inteligentes	RAVEANE, WILLIAM VIGILIO	18231	Aceptación de Publicación JAL, Curso 2015-2016	-	-	-
Sistemas Inteligentes	REDONDO GUEVARA, RAQUEL	43733	HAIS 2011	27/05/11	DOI https://doi.org/10.1007/978-3-642-21222-2_53 Vera V. et al. (2011) A Hybrid System for Dental Milling Parameters Optimisation. In: Corchado E., Kurzyński M., Woźniak M. (eds) Hybrid Artificial Intelligent Systems. HAIS 2011. Lecture Notes in Computer Science, vol 6679. Springer, Berlin, Heidelberg	https://link.springer.com/chapter/10.1007/978-3-642-21222-2_53
Sistemas Inteligentes	REDONDO GUEVARA, RAQUEL	822	PAA	07/01/2013	-	-
Sistemas Inteligentes	REDONDO GUEVARA, RAQUEL	820	Neurocomputing	06/03/2013	-	-

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	REDONDO GUEVARA, RAQUEL	43732	Neural Visualization for the Analysis of Energy and Water Consumptions in t	06/08/2018	DOI https://doi.org/10.1007/978-3-319-94120-2_16 Redondo R., Herrero Á., Corchado E., Sedano J. (2019) Neural Visualization for the Analysis of Energy and Water Consumptions in the Automotive Industry. In: Graña M. et al. (eds) International Joint Conference SOCO ₁₈ -CISIS ₁₈ -ICEUTE ₁₈ . SOCO ₁₈ -CISIS ₁₈ -ICEUTE ₁₈ 2018. Advances in Intelligent Systems and Computing, vol 771. Springer, Cham https://www.springer.com/us/book/9783319941196 International Joint Conference SOCO ₁₈ -CISIS ₁₈ -ICEUTE ₁₈ San Sebastián, Spain, June 6-8, 2018 Proceedings Editors: Graña, M., López-Guede, J.M., Etxaniz, O., Herrero, Á., Sáez, J.A., Quintián, H., Corchado, E. (Eds.) ISBN 978-3-319-94120-2 Pages 167-176	https://link.springer.com/chapter/10.1007%2F978-3-319-94120-2_16
Sistemas Inteligentes	REDONDO GUEVARA, RAQUEL	77796	Applied Sciences	24/05/20	Enviado el 24/05/2020 y en estado 'under review' a esta special issue: https://www.mdpi.com/journal/applsci/special_issues/loT_Manufacturing_Industry Redondo Raquel, Herrero Álvaro, Corchado Emilio , Sedano Javier, "A Novel Exploratory Visualization for Predictive 2 Maintenance in the Automotive Industry", Applied Sciences, 'under review'	https://www.mdpi.com/journal/applsci/stats
Sistemas Inteligentes	REDONDO GUEVARA, RAQUEL	86829	Publicación científica aceptada en revista JCR: https://www.mdpi.com/2076-3	25/06/20	Redondo, Raquel, Álvaro Herrero, Emilio Corchado, and Javier Sedano. `A Decision-Making Tool Based on Exploratory Visualization for the Automotive Industry`. Applied Sciences 10, no. 12 (January 2020):4355. https://doi.org/10.3390/app10124355	https://www.mdpi.com/journal/applsci/stats
Sistemas Inteligentes	REHMAN , UBAID UR	152714	Research paper accepted in IEEEIC	27/03/22	Ubaid ur Rehman, Pedro Faria, Luis Gomes, Zita Vale "Artificial Neural Network Based Efficient Maximum Power Point Tracking for Photovoltaic Systems" IEEEIC 2022	IEEE conference paper
Sistemas Inteligentes	Revuelta Herrero, Jorge	28046	Automatic Detections and Monitoring of Radicalization Processes in SSNN.	22/05/17	Automatic Detections and Monitoring of Radicalization Processes in Social Networks.	Póster de congreso
Sistemas Inteligentes	Revuelta Herrero, Jorge	28045	Smart management system for electric bicycles loan.	21/06/17	Smart management system for electric bicycles loan. Jorge Revuelta Herrero, Francisco de Paz Santana, Gabriel Villarrubia González and Juan Manuel Corchado Rodríguez	Artículo de congreso.
Sistemas Inteligentes	Revuelta Herrero, Jorge	28043	Non Intrusive Load Monitoring (NILM): a state of the art.	21/06/17	Non Intrusive Load Monitoring (NILM): a state of the art. Jorge Revuelta Herrero, Álvaro Lozano Murciego, Alberto López Barriuso, Daniel Hernández de La Iglesia, Rita Carreira, Gabriel Villarrubia González and Juan Manuel Corchado Rodríguez	Artículo de congreso
Sistemas Inteligentes	Revuelta Herrero, Jorge	28044	Single appliance automatic recognition: comparison of	21/06/17	Single appliance automatic recognition: comparison of classifiers. Daniel Hernández de La Iglesia, Alberto López Barriuso, Álvaro Lozano Murciego, Jorge Revuelta Herrero, Jorge Landeck, Juan F. De Paz and Juan M. Corchado	Artículo de congreso

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
			classifiers			
Sistemas Inteligentes	Rivas Camacho, Alberto	54876	A Predictive Maintenance Model Using Recurrent Neural Networks	05/01/2019	Rivas, A., Fraile, J. M., Chamoso, P., González-Briones, A., Sittón, I., & Corchado, J. M. (2019, May). A Predictive Maintenance Model Using Recurrent Neural Networks. In International Workshop on Soft Computing Models in Industrial and Environmental Applications (pp. 261-270). Springer, Cham.	Paper en congreso
Sistemas Inteligentes	Rivas Camacho, Alberto	54867	Hybrid job offer recommender system in a social network	23/05/19	Rivas, A., Chamoso, P., González Briones, A., Casado Vara, R., & Corchado, J. M. Hybrid job offer recommender system in a social network. Expert Systems, e12416.	1.430, Posición de publicación:75, Num. revistas en cat.:132, Fuente de impacto:WOS (JCR), Revista dentro del 25%:No, Categoría:Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE;Índice de impacto:1.430, Posición de publicación:48, Categoría:Science Edition - COMPUTER SCIENCE, THEORY & METHODS, Fuente de impacto:WOS (JCR), Revista dentro del 25%:No, Num. revistas en cat.:103
Sistemas Inteligentes	Rivas Camacho, Alberto	54873	Neuro-symbolic hybrid systems for Industry 4.0: a systematic mapping study.	16/07/19	Dado que el congreso aún no se ha celebrado, adjunto el mail de aceptación: "Dear Alberto Rivas, Congratulations!!! On behalf of the program committee of kMO 2019, we are pleased to inform that your paper has been accepted in KMO 2019 as regular paper for presentation. The conference will be held during 15-18 July, 2019at University of Zamora, Spain. Authors:Inés Sittón, Ricardo S. Alonso, Elena Hernández-Nieves, Sara Rodríguez-Gonzalez, Alberto Rivas Paper No:43 Paper Title:Neuro-symbolic hybrid systems for Industry 4.0:a systematic mapping study. "	KMO & LTEC conferences

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Rivas Camacho, Alberto	54880	Students Performance Analysis Based on Machine Learning Techniques	16/07/19	<p>Dado que aún no se ha presentado el trabajo, cito el mail de aceptación. "Dear Alberto Rivas,</p> <p>Thank you for your submission to the LTEC 2019 conference, of the paper</p> <p>Students performance analysis based on machine learning techniques</p> <p>We are pleased to inform you that your paper has being accepted for presentation at the conference in July in Spain.</p> <p>To speed up the publication of the proceedings in Springer, we would be grateful if you can revise the paper according to the reviewers; comments and submit the camera-ready version before the 8th March 2019.</p> <p>Please follow the springer instruction to prepare the camera-ready paper.</p> <p>Please remember that you must registered and paid before your paper can be published. Failure to register and paid will resulted in non-publication at springer proceeedings.</p> <p>It would be useful if you can take advantage of the early rate registration.</p> <p>For those who needs a visa, we would advise you to apply early to avoid delay. Please let us know if you need further information or help. (Dario.liberona@gmail.com)</p> <p>We look forward to seeing you in Zamora, Spain</p> <p>Thank you again for your interest and we will be looking forward to your presentation in Zamora, the conference.</p> <p>Remember to put the names of authors this time in this final version of the paper.</p> <p>Sincerely</p> <p>Program and conference chairs"</p>	LTEC and KMO 2019 conference.
Sistemas Inteligentes	Rivas Camacho, Alberto	50441	Publicación científica en la revista "Knowledge and Information Systems"	01/08/2019	<p>Chamoso, P., González-Briones, A., Rivas, A., De La Prieta, F., & Corchado, J. M. (2019). Social computing in currency exchange. Knowledge and Information Systems, 1-21.</p>	Q2

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Rivas Camacho, Alberto	80085	Artículo científico en revista indexada.	05/08/2020	Rivas, A., González-Briones, A., Hernández, G., Prieto, J., & Chamoso, P. (2020). Artificial neural network analysis of the academic performance of students in virtual learning environments. <i>Neurocomputing</i> .	Índice de impacto:4.072 Posición de publicación:28 Num. revistas en cat.:134 Fuente de impacto:WOS (JCR) Revista dentro del 25%:Sí Categoría:Science Edition - COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE;
Sistemas Inteligentes	Rivas Camacho, Alberto	108964	Publicación en el congreso internacional ISAMI	10/08/2020	García-Retuerta, D., Rivas, A., Guisado-Gámez, J., Antoniou, E., & Chamoso, P. (2020, June). Reputation Algorithm for Users and Activities in a Public Transport Oriented Application. In <i>International Symposium on Ambient Intelligence</i> (pp. 213-223). Springer, Cham.	NA
Sistemas Inteligentes	Rivas Camacho, Alberto	109160	Publicación en revista indexada	01/01/2021	Corchado, J. M., Chamoso, P., Hernández, G., Gutierrez, A. S. R., Camacho, A. R., González-Briones, A., ... & Omatu, S. (2021). Deepint.net: A Rapid Deployment Platform for Smart Territories. <i>Sensors</i> , 21(1), 236.	JCR 2019:3.275, Q1
Sistemas Inteligentes	Rivas Camacho, Alberto	109168	Publicación en revista indexada	17/03/21	San Román Guzmán, A., Valdeolmillos, D., Rivas, A., González Arrieta, A., & Chamoso, P. (2021). Design of a New Distributed NoSQL Database with Distributed Hash Tables. <i>Logic Journal of the IGPL</i> .	JCR 2019:0.931, Q1
Sistemas Inteligentes	Rivas Camacho, Alberto	109155	Publicación en revista indexada	30/04/21	García-Retuerta, D., Rivas, A., Guisado-Gámez, J., Antoniou, E., & Chamoso, P. (2021). Reputation System for Increased Engagement in Public Transport Oriented-Applications. <i>Electronics</i> , 10(9), 1070.	JCR 2019:2.412, Q2
Sistemas Inteligentes	Rivas Camacho, Alberto	108990	Publicación en revista indexada	25/05/21	Rivas, A., González-Briones, A., Cea-Morán, J. J., Prat-Pérez, A., & Corchado, J. M. (2021). My-Trac: System for Recommendation of Points of Interest on the Basis of Twitter Profiles. <i>Electronics</i> , 10(11), 1263.	JCR Impact Factor 2.412 - Q2
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	37877	IEEE Power Systems Conference (PSC2015)	05/07/2015	-	-
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	37876	IEEE Power Systems Conference (PSC2015)	05/07/2015	-	-
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	37878	PESGM 2015	26/07/15	-	-
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	37880	IET Generation, Transmission & Distribution	27/08/15	-	-
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	37872	Regulatory context of smart grids in Europe-Brazil, current state and trends	17/11/15	-	-
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	37882	IET Generation, Transmission & Distribution	30/11/15	-	-

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	37875	IEEE Power Systems Conference (PSC2016)	05/05/2016	-	-
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	26100	Second DREAM-GO Workshop University of Salamanca	23/03/17	Bruno Canizes, Tiago Pinto, João Soares, Zita Vale, Pablo Chamoso, Daniel Santos, ¿A Case Study for a Smart City Energy Management Resources¿, Second DREAM-GO Workshop University of Salamanca, Salamanca, Spain, March 22-23, 2017	Second DREAM-GO Workshop University of Salamanca
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	26101	T&D 2016	05/05/2017	Nuno Borges, João Soares, Zita Vale, Bruno Canizes, ¿Weighted sum approach using Parallel, Particle Swarm Optimization to Solve Multi-objective Energy Scheduling¿, IEEE Transmission & Distribution Conference & Exposition (T&D 2016) Dallas, USA, 02-05 May, 2016	IEEE Transmission & Distribution Conference & Exposition (T&D 2016)
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	36458	Two-Stage Stochastic Model Using Benders¿ Decomposition	07/05/2017	J. Soares, B. Canizes, M. A. F. Ghazvini, Z. Vale and G. K. Venayagamoorthy, "Two-Stage Stochastic Model Using Benders¿ Decomposition for Large-Scale Energy Resource Management in Smart Grids," in IEEE Transactions on Industry Applications, vol. 53, no. 6, pp. 5905-5914, Nov.-Dec. 2017. doi: 10.1109/TIA.2017.2723339	IEEE Transactions on Industry Applications Impact Factor: 2.937
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	26093	A Case Study for a Smart City Energy Management Resources	23/06/17	Bruno Canizes, Tiago Pinto, Joao Soares, Zita Vale, Pablo Chamoso and Daniel Santos, ¿Smart City: a GECAD-BISITE Energy Management Case Study¿, 15th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS) Porto, Portugal, 21-23 June 2017	15th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS)
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	26096	PAAMS Doctoral Consortium	23/06/17	Bruno Canizes, Zita Vale, ¿Decision support for smart grid planning and operation considering reliability and all available resources¿, 15th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS), Doctoral Consortium, Porto, Portugal, 21-23 June 2017	15th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS), Doctoral Consortium
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	26098	PAAMS 2017	23/06/17	Bruno Canizes, Tiago Pinto, Joao Soares, Zita Vale, Pablo Chamoso and Daniel Santos, ¿Smart City: a GECAD-BISITE Energy Management Case Study¿, 15th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS) Porto, Portugal, 21-23 June 2017	15th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS)
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	37870	PESGM 2016	18/07/17	-	-
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	36699	Optimal Approach for Reliability Assessment in Radial Distribution Networks	09/03/2018	B. Canizes, J. Soares, Z. Vale and C. Lobo, Optimal Approach for Reliability Assessment in Radial Distribution Networks, in IEEE Systems Journal, vol. 11, no. 3, pp. 1846-1856, Sept. 2017. doi: 10.1109/JSYST.2015.2427454	IEEE SYSTEMS JOURNAL Impact Factor: 3.882

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	36459	Book Chapter - Long-Term Smart Grid Planning	04/05/2018	B. Canizes, J. Soares, M. A. F. Ghazvini, C. Silva, Z. Vale, and J. M. Corchado, Long-Term Smart Grid Planning Under Uncertainty Considering Reliability Indexes - Operation, Planning, and Analysis of Energy Storage Systems in Smart Energy Hubs, B. Mohammadi-Ivatloo and F. Jabari, Eds. Cham: Springer International Publishing, 2018, pp. 297;335. doi:10.1007/978-3-319-75097-2_13	Springer Book: Operation, Planning, and Analysis of Energy Storage Systems in Smart Energy Hubs
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	36698	Day-ahead stochastic scheduling model considering market transactions...	06/11/2018	João Soares, Fernando Lezama, Bruno Canizes, M. Ali Fotouhi Ghazvini, Zita Vale1, and Tiago Pinto, Day-ahead stochastic scheduling model considering market transactions in smart grids, 20th Power Systems Computation Conference (PSCC2018)	PSCC218: 20th Power Systems Computation Conference 11th-15th June 2018 Dublin, Ireland
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	51320	International Journal Paper - ENERGIES	20/02/19	Canizes B, Soares J, Vale Z, Corchado MJ. Optimal Distribution Grid Operation Using DLMP-Based Pricing for Electric Vehicle Charging Infrastructure in a Smart City. Energies 2019;12. doi:10.3390/en12040686. https://www.mdpi.com/1996-1073/12/4/686	Current Impact Factor: 2.676 5-year Impact Factor: 3.045 JCR category rank: 48/97 (Q2) in "Energy & Fuels" https://apps.clarivate.com/jif/home/?journal=ENERGIES&editions=SCIE&year=2017&pssid=J1-F1x2BABIRI12ZuEdQUcXvmtppqDirTx2FMA4s-18x2dXx2FQDnglclwjXs0XqhOfBNgx3Dx3D6daLgeDyx2FH8e0nTvB57P0Ax3Dx3D-qBgNuLRjcgZrPm66fhjx2Fmwx3Dx3D-h9tQNJ9Nv4eh45yLvkdX3gx3Dx3D
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	51631	International Journal Paper - ENERGIES	18/04/19	Bruno Canizes, João Soares, Angelo Costa, Tiago Pinto, Fernando Lezama, Paulo Novais, Zita Vale, "Electric Vehicles User Charging Behaviour Simulator for a Smart City", Energies. 1470 (2019) 12(8). doi:10.3390/en12081470. https://www.mdpi.com/1996-1073/12/8/1470	<ul style="list-style-type: none"> Current Impact Factor:2.676 5-year Impact Factor:3.045 JCR category rank: 48/97 (Q2) in "Energy & Fuels" . https://apps.clarivate.com/jif/home/?journal=ENERGIES&editions=SCIE&year=2017&pssid=J1-F1x2BABIRI12ZuEdQUcXvmtppqDirTx2FMA4s-18x2dXx2FQDnglclwjXs0XqhOfBNgx3Dx3D6daLgeDyx2FH8e0nTvB57P0Ax3Dx3D-qBgNuLRjcgZrPm66fhjx2Fmwx3Dx3D-h9tQNJ9Nv4eh45yLvkdX3gx3Dx3D

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	51633	International Journal Paper - Renewable Energy	02/06/2019	Canizes B, Soares J, Lezama F, Silva C, Vale Z, Corchado JM. Optimal expansion planning considering storage investment and seasonal effect of demand and renewable generation. <i>Renew Energy</i> 2019;138:937;54. doi:10.1016/j.renene.2019.02.006. https://www.sciencedirect.com/science/article/pii/S0960148119301508	Impact Factor:4.900 5-Year Impact Factor:4.982 JCR category rank:20/97 (Q1) in "ENERGY & FUELS" and 7/33 (Q1) in GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY https://apps.clarivate.com/jif/home/?journal=RENEW%20ENERG&editions=SCIE&year=2017&psid=J1-F1x2BABIRI12ZuEdQUcXvmtppqDirTx2FMA4s-18x2dXx2FQDnghclwjXs0XqhOfBNgx3Dx3D6daLgeDyx2FH8e0nTvB57POAx3Dx3D-qBgNuLRjcgZrPm66fhjx2Fmwx3Dx3D-h9tQNJ9Nv4eh45yLvkdX3gx3Dx3D
Sistemas Inteligentes	ROCHA CANIZES, BRUNO MIGUEL DA	37883	Springer 2015	-	-	-
Sistemas Inteligentes	Rubio Cavero, Manuel Pablo	39857	Artículo publicado en la revista DYNA, marzo 2018	03/01/2018	Vergara-Rodriguez, D., Rodriguez-Martin, M., Rubio-Cavero, M., Ferrer-Marin, J., Nuñez-García, F., Moralejo-Cobo, L. (2018). TECHNICAL STAFF TRAINING IN ULTRASONIC NON-DESTRUCTIVE TESTING USING VIRTUAL REALITY. <i>DYNA</i> , 94(2). 150-154. DOI: http://dx.doi.org/10.6036/8444	Revista Dyna, ISSN: 0012-7361. JIF año 2016: 0.541 Q4. http://jcr.incites.thomsonreuters.com/JCRJournalProfileAction.action?pg=JRNLPROF&journalImpactFactor=0.541&year=2016&journalTitle=Dyna&edition=SCIE&journal=DYNA-BILBAO
Sistemas Inteligentes	Rubio Cavero, Manuel Pablo	55622	Artículo en la revista "Education Sciences"	21/09/18	Vergara, D., Rubio, M. P., & Lorenzo, M. (2018). A virtual resource for enhancing the spatial comprehension of crystal lattices. <i>Education Sciences</i> , 8(4), 153.	Editorial "MDPI", Revista "Education Sciences", ISSN: 2227-7102, índice: Emerging Sources Citation Index
Sistemas Inteligentes	Rubio Cavero, Manuel Pablo	55625	Artículo en la revista "Education Sciences"	27/03/19	Vergara, D., Rubio, M. P., & Lorenzo, M. (2019). On the Use of PDF-3D to Overcome Spatial Visualization Difficulties Linked with Ternary Phase Diagrams. <i>Education Sciences</i> , 9(2), 67.	Editorial "MDPI", Revista "Education Sciences", ISSN:2227-7102, índice:Emerging Sources Citation Index
Sistemas Inteligentes	Rubio Cavero, Manuel Pablo	55941	Comunicación en el 9º congreso internacional MIS4tel	26/06/19	Comunicación todavía no presentada	Congreso internacional, 9ª edición, Actas publicadas en Springer
Sistemas Inteligentes	Rubio Cavero, Manuel Pablo	55943	Comunicación en el 9º congreso internacional MIS4tel	26/06/19	Comunicación todavía no presentada	Congreso internacional, 9ª edición, Actas publicadas en Springer

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Rubio Cavero, Manuel Pablo	68173	Publicación de artículo indexado en JCR	31/10/19	Vergara, D.;Extremera, J.;Rubio, M.P.;Dávila, L.P. Meaningful Learning Through Virtual Reality Learning Environments:A Case Study in Materials Engineering. Appl. Sci. 2019, 9, 4625. doi:10.3390/app9214625	Editorial:MDPI Revista:Applied Sciences. Indexada en JCR. Cuartil:Q2. Posición/número total:67/148.
Sistemas Inteligentes	Rubio Cavero, Manuel Pablo	77729	Publicación de artículo indexado en JCR	06/01/2020	Extremera, J.;Vergara, D.;Dávila, L. P.;Rubio, M. P.Virtual and Augmented Reality Environments to Learn the Fundamentals of Crystallography. Crystals, 2020, 10, 456. doi:10.3390/cryst10060456	Editorial:MDPI Revista:Crystals. Indexada en JCR. Cuartil:Q2. Posición/número total: 12/26.
Sistemas Inteligentes	Rubio Cavero, Manuel Pablo	73105	Publicación de artículo indexado en JCR	31/01/20	Vergara, D.;Extremera, J.;Rubio, M. P.;Dávila, L. P. The Technological Obsolescence of Virtual Reality Learning Environments. Applied Sciences, 2020, 10(3), 915. doi:10.3390/app10030915	Editorial:MDPI Revista:Applied Sciences. Indexada en JCR. Cuartil:Q2. Posición/número total:67/148.
Sistemas Inteligentes	Rubio Cavero, Manuel Pablo	105572	Publicación de artículo	22/06/20	Vergara, D., Extremera, J., Rubio, M. P., &Dávila, L. P. (2020). The proliferation of virtual laboratories in educational fields. ADCAIJ:Advances in Distributed Computing and Artificial Intelligence Journal, 9(1), 85-97. https://doi.org/10.14201/ADCAIJ2020918597	Editada por Ediciones Universidad de Salamanca e Indexada en el Emerging Sources Citation Index de Thomson Reuters
Sistemas Inteligentes	Sales Mendes, André Filipe	57849	¿ Architecture to Embed Software Agents in Resource Constrained Internet of Things	29/12/18	Architecture to Embed Software Agents in Resource Constrained Internet of Things Devices, Daniel H. De La Iglesia, Gabriel Villarrubia González, André Sales Mendes, Diego M. Jiménez-Bravo, Alberto L. Barriuso, Sensors 2019, Volume 19, Issue 1, 29 December 2018.	La revistaSENSORS-BASEL tiene un cuartil Q2 en la rama INSTRUMENTS &INSTRUMENTATION con factor de impacto 2,475.
Sistemas Inteligentes	Sales Mendes, André Filipe	56876	Coin Recognition Approach in Social Environments Using Virtual Organizati	25/03/19	Coin Recognition Approach in Social Environments Using Virtual Organizations of Agents, André Sales Mendes, Gabriel Villarrubia González, Juan Francisco De Paz, Alberto López Barriuso, Álvaro Lozano Murciego, Applied Sciences, Volume 9, Issue 6, 25 March 2019.	La revistaAPPL SCI-BASEL tiene un cuartil Q3 con factor de impacto 0,513.
Sistemas Inteligentes	Sales Mendes, André Filipe	57850	Automatic wireless mapping and tracking system for indoor location	29/04/19	Automatic wireless mapping and tracking system for indoor location, André Sales Mendes, Gabriel Villarrubia, Javier Caridad, Daniel H.De La Iglesia, Juan F. De Paz, Neurocomputing, Volume 338, 21 April 2019.	La revistaNEUROCOMPUTING tiene un cuartil Q1 en la rama COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE con factor de impacto 3,241.
Sistemas Inteligentes	Sales Mendes, André Filipe	75455	PRISEC: Comparison of Symmetric Key Algorithms for IoT Devices.	10/05/2019	PIPPRISEC: Comparison of Symmetric Key Algorithms for IoT Devices. Daniel A. F. Saraiva, Valderi Reis Quietinho Leithardt, Diandre de Paula, André Sales Mendes, Gabriel Villarrubia González and Paul Crocker, Sensors 2019, 19(19), 4312;https://doi.org/10.3390/s19194312	CiteScore (2018 Scopus data): 3.72;ranked 9/123 in 'Physics and Astronomy:Instrumentation' and 102/661 in 'Electrical and Electronic Engineering'.

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Sales Mendes, André Filipe	107169	Multi-Agent Approach Using LoRaWAN Devices: An Airport Case Study	10/02/2020	Sales Mendes, A.;Jiménez-Bravo, D.M.;Navarro-Cáceres, M.;Reis Quietinho Leithardt, V.;Villarrubia González, G. Multi-Agent Approach Using LoRaWAN Devices:An Airport Case Study. Electronics 2020, 9, 1430. https://doi.org/10.3390/electronics9091430	Factor de impacto:2,412 (Q2) Ranking 125/266 in ENGINEERING, ELECTRICAL & ELECTRONIC
Sistemas Inteligentes	Sales Mendes, André Filipe	75448	Connected Elbow Exoskeleton System for Rehabilitation Training Based on V	02/06/2020	Connected Elbow Exoskeleton System for Rehabilitation Training Based on Virtual Reality and Context-Aware, by Daniel H. de la Iglesia, André Sales Mendes, Gabriel Villarrubia González, Diego M. Jiménez-Bravo and Juan F. de Paz Santana, Sensors 2020, 20(3), 858; https://doi.org/10.3390/s20030858	¿ CiteScore (2018 Scopus data): 3.72;ranked 9/123 in 'Physics and Astronomy:Instrumentation' and 102/661 in 'Electrical and Electronic Engineering'.
Sistemas Inteligentes	Sales Mendes, André Filipe	75447	PRIPRO: A Comparison of Classification Algorithms for Managing Receiving No	01/10/2020	¿ PRIPRO:A Comparison of Classification Algorithms for Managing Receiving Notifications in Smart Environments, by João Antônio Martins , Iago Sestrem Ochôa, Luis Augusto Silva, André Sales Mendes, Gabriel Villarrubia González, Juan De Paz Santana and Valderi Reis Quietinho Leithardt, Appl. Sci. 2020, 10(2), 502; https://doi.org/10.3390/app10020502	CiteScore (2018 Scopus data): 2.52, which equals rank 41/275 (Q1) in "General Engineering"; SJR:0.379 (Q1 in Engineering [miscellaneous]).
Sistemas Inteligentes	Sales Mendes, André Filipe	107177	An Architectural Multi-Agent System for a Pavement Monitoring System with P	30/10/20	Silva, L.A.;Sanchez San Blas, H.;Peral García, D.;Sales Mendes, A.;Villarubia González, G. An Architectural Multi-Agent System for a Pavement Monitoring System with Pothole Recognition in UAV Images. Sensors 2020, 20, 6205. https://doi.org/10.3390/s20216205	Factor de impacto:3,275 (Q1) Ranking 15/64 in INSTRUMENTS & INSTRUMENTATION
Sistemas Inteligentes	Sales Mendes, André Filipe	107180	A Multi-Agent System for Data Fusion Techniques Applied to the Internet of	31/12/20	Blas, H.S.S.;Mendes, A.S.;Encinas, F.G.;Silva, L.A.;González, G.V. A Multi-Agent System for Data Fusion Techniques Applied to the Internet of Things Enabling Physical Rehabilitation Monitoring. Appl. Sci. 2021, 11, 331. https://doi.org/10.3390/app11010331	Factor de impacto:2,474 (Q2) Ranking 63/155 in PHYSICS, APPLIED
Sistemas Inteligentes	Sales Mendes, André Filipe	107209	Physical movement helps learning: Teaching using tracking objects with depth	30/03/21	Mendes, André & Silva, Luis & Sánchez San Blas, Héctor & Hernández de la Iglesia, Daniel & García Encinas, Francisco & Leithardt, Valderi & Villarrubia, G.. (2021). Physical Movement Helps Learning: Teaching Using Tracking Objects with Depth Camera. 10.1007/978-3-030-72654-6_18. Mendes, André & Silva, Luis & Sánchez San Blas, Héctor & Hernández de la Iglesia, Daniel & García Encinas, Francisco & Leithardt, Valderi & Villarrubia, G.. (2021). Physical Movement Helps Learning: Teaching Using Tracking Objects with Depth Camera. 10.1007/978-3-030-72654-6_18.	Sin Indicadores de calidad (Publicación en congreso)
Sistemas Inteligentes	Sales Mendes, André Filipe	107389	Controle e Rastreamento de Equipamentos de Mobilidade Urbana Individuais e	14/04/21	MENDES, Andre;SILVA, Luis Augusto;DA SILVA, Bruno;LEITHARDT, Valderi;GONZÁLEZ, Gabriel. Controle e Rastreamento de Equipamentos de Mobilidade Urbana Individuais e Análise de Comportamento em Nuvem. In:ESCOLA REGIONAL DE ALTO DESEMPENHO DA REGIÃO SUL (ERAD-RS), 21. , 2021, Evento Online. Anais [...]. Porto Alegre:Sociedade Brasileira de Computação, 2021 . p. 141-142. ISSN 2595-4164. DOI: https://doi.org/10.5753/eradr.2021.14809 .	Sin Indicadores de calidad (Publicación de congreso)

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Sales Mendes, André Filipe	107382	Plataforma IOT para la monitorización y optimización de tareas de limpieza	02/11/2021	-	Sin Indicadores de calidad (Publicación en congreso)
Sistemas Inteligentes	Sales Mendes, André Filipe	107190	WCloT: A Smart Sensors Orchestration for Public Bathrooms using LoRaWAN	02/11/2021	A. S. Mendes, L. A. Silva, H. S. S. Blas, D. M. Jiménez-Bravo, V. R. O. Leithardt and G. V. González, "WCloT: A Smart Sensors Orchestration for Public Bathrooms using LoRaWAN," 2021 Telecoms Conference (ConfTELE), 2021, pp. 1-5, doi:10.1109/ConfTELE50222.2021.9435574.	Sin Indicadores de calidad (Publicación en congreso)
Sistemas Inteligentes	Sales Mendes, André Filipe	107183	RespiraConNosotros: A Viable Home-Based Telerehabilitation System for Respi	05/11/2021	Bermejo-Gil, B.M.;Pérez-Robledo, F.;Llamas-Ramos, R.;Silva, L.A.;Sales-Mendes, A.;Leithardt, V.R.Q.;Llamas-Ramos, I. RespiraConNosotros:A Viable Home-Based Telerehabilitation System for Respiratory Patients. Sensors 2021, 21, 3318. https://doi.org/10.3390/s21103318	Factor de impacto:3,275 (Q1) Ranking 15/64 in INSTRUMENTS &INSTRUMENTATION
Sistemas Inteligentes	Sánchez Martín, Antonio Juan	70711	Adaptive interface ecosystems in smart cities control systems	26/06/19	Antonio J. Sánchez, Sara Rodríguez, Fernando de la Prieta, Alfonso González, Adaptive interface ecosystems in smart cities control systems, Future Generation Computer Systems, Volume 101, 2019, Pages 605-620, ISSN 0167-739X, https://doi.org/10.1016/j.future.2019.06.029. (http://www.sciencedirect.com/science/article/pii/S0167739X19302808) Abstract:Recently it is possible to find a lot of studies that propose the improvement of user interfaces in Smart Cities data analysis systems. In general, these proposals tend to take too much care of the representation of data, but they tend to set aside the user experience (UX). New systems try to improve the experiences citizens in Smart Cities platforms, because many of these government platforms are not user-friendly and their quality, in terms of UX, are not up to the task. To solve this problem, both in the interface design and UX, the solution proposed in this article is the application of Adaptive Interface Ecosystems (AIE), a new concept that can be applied to existing interfaces. The advantage of using AIE on developed and in operation interfaces is that it is not necessary to redesign the interface, but rather they will be adjusted (adapting over time) to each user's own way of using and monitoring it. The AIEs give the possibility of perfecting the initial modeling of an interface, collecting and analyzing the segmented data of citizens' interactions. The proposed model has been evaluated by expert users in a real scenario and compared with other existing software with similar features. Keywords:Smart cities platforms;User experience;Adaptive interface ecosystems	CiteScore 2018: 6.30 SJR 2018: 0.835 SNIP 2018: 2.464

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Sánchez Martín, Antonio Juan	70712	Describing Interfaces in the Framework of Adaptive Interface Ecosystems	30/08/19	Sánchez A.J., Hernández E., de la Prieta F., Corchado J.M., Rodríguez S. (2019) Describing Interfaces in the Framework of Adaptive Interface Ecosystems. In: Moura Oliveira P., Novais P., Reis L. (eds) Progress in Artificial Intelligence. EPIA 2019. Lecture Notes in Computer Science, vol 11805. Springer, Cham	Sin indicadores de calidad disponibles
Sistemas Inteligentes	Shoeibi, Niloufar	108820	PAAMS 2020	07/06/2020	Sanchez, Sergio Marquez, et al. "Edge Computing Driven Smart Personal Proactive System Developed on NVIDIA Jetson and Integrated with ROS." International Conference on Practical Applications and Multi-Agent Systems. Springer, Cham, 2020.	.
Sistemas Inteligentes	Shoeibi, Niloufar	108845	DCAI 2020	08/07/2020	Shoeibi, Niloufar, et al. "A feature based approach on behavior analysis of the users on twitter: A case study of AusOpen Tennis Championship." International Symposium of Distributed Computing and Artificial Intelligence. Springer, Cham, 2020.	.
Sistemas Inteligentes	Shoeibi, Niloufar	108850	DCAI 20202	08/07/2020	Arora, Ashish, et al. "Data Augmentation Using Gaussian Mixture Model on CSV Files." International Symposium of Distributed Computing and Artificial Intelligence. Springer, Cham, 2020.	.
Sistemas Inteligentes	Shoeibi, Niloufar	110257	DCAI 2020_DC_2	09/10/2020	Gholipour, Niloofar, Niloufar Shoeibi, and Ehsan Arianyan. "An Energy-Aware Dynamic Resource Management Technique Using Deep Q-Learning Algorithm and Joint VM and Container Consolidation Approach for Green Computing in Cloud Data Centers." International Symposium on Distributed Computing and Artificial Intelligence. Springer, Cham, 2020.	.
Sistemas Inteligentes	Shoeibi, Niloufar	110234	ISAMI 2020	09/10/2020	Sati, Vishwani, "Face Detection and Recognition, Face Emotion Recognition Through NVIDIA Jetson Nano." International Symposium on Ambient Intelligence. Springer, Cham, 2020.	.
Sistemas Inteligentes	Shoeibi, Niloufar	110251	DCAI 2020_DC_1	09/10/2020	Shoeibi, Niloufar. "Analysis of Self-Presentation and Self-Verification of the Users on Twitter", International Symposium of Distributed Computing and Artificial Intelligence. Springer, Cham, 2020.	.
Sistemas Inteligentes	Shoeibi, Niloufar	110239	ISAMI 2020_2	09/10/2020	Shoeibi, Niloufar, "'Cooperative Deeptech Platform" for Innovation-Hub members of DISRUPTIVE", International Symposium of Ambient Intelligence. Springer, Cham, 2020.	.
Sistemas Inteligentes	Shoeibi, Niloufar	108868	SSCt2021 conference_Publicacion	27/04/21	no estan disponible todavia.	.
Sistemas Inteligentes	Shoeibi, Niloufar	108875	SSCt2021 conference PUBLICACION_2	27/04/21	no estan disponible todavia.	.
Sistemas Inteligentes	Shoeibi, Niloufar	151715	Paper	12/10/2021	Maintaining a healthy cyber society is a great challenge due to the users; freedom of expression and behavior. This can be solved by monitoring and analyzing the users; behavior and taking proper actions. This research aims to present a platform that monitors the public content on Twitter by extracting tweet data. After maintaining the data, the users; interactions are analyzed using graph analysis methods. Then, the users; behavioral patterns are analyzed by applying metadata analysis, in which the timeline of each profile is obtained;also, the time-series behavioral features of users are investigated. Then, in the abnormal behavior detection and filtering component, the interesting profiles are selected for further examinations. Finally, in the contextual	Acceptado y publicado en jornada de Electronics, Impact factor: 2.397

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
					analysis component, the contents are analyzed using natural language processing techniques;a binary text classification model (SVM (Support Vector Machine) + TF-IDF (Term Frequency; Inverse Document Frequency) with 88.89% accuracy) is used to detect if a tweet is related to crime or not. Then, a sentiment analysis method is applied to the crime-related tweets to perform aspect-based sentiment analysis (DistilBERT + FFNN (Feed-Forward Neural Network) with 80% accuracy), because sharing positive opinions about a crime-related topic can threaten society. This platform aims to provide the end-user (the police) with suggestions to control hate speech or terrorist propaganda.	
Sistemas Inteligentes	Shoeibi , Niloufar	108739	Jornadas de Informatica	02/11/2021	las actas no están disponibles todavía	
Sistemas Inteligentes	Shoeibi , Niloufar	151720	Paper	19/04/22	Social media platforms have been an undeniable part of our lifestyle for the past decade. Analyzing the information that is being shared is a crucial step to understanding human behavior. Social media analysis aims to guarantee a better experience for the user and to increase user satisfaction. To draw any further conclusions, first, it is necessary to know how to compare users. In this paper, a hybrid model is proposed to measure the degree of similarity between Twitter profiles by calculating features related to the users; behavioral habits. For this, first, the timeline of each profile was extracted using the official TwitterAPI. Then, three aspects of a profile were deliberated in parallel. Behavioral ratios are time-series-related information showing the consistency and habits of the user. Dynamic time warping was utilized to compare the behavioral ratios of two profiles. Next, the audience network was extracted for each user, and to estimate the similarity of two sets, the Jaccard similarity was used. Finally, for the content similarity measurement, the tweets were preprocessed using the feature extraction method;TF-IDF and DistilBERT were employed for feature extraction and then compared using the cosine similarity method. The results showed that TF-IDF had slightly better performance;it was therefore selected for use in the model. When measuring the similarity level of different profiles, a Random Forest classification model was used, which was trained on 19,900 users, revealing a 0.97 accuracy in detecting similar profiles from different ones. As a step further, this convoluted similarity measurement can find users with very short distances, which are indicative of duplicate users.	Acceptado y publicado en jornada de Sustainability, Impact factor: 3.251 (Q1)
Sistemas Inteligentes	Shokri Gazafroudi , Amin	40203	Published paper in mdpi, energies, jcr journal	09/05/2017	A. Shokri Gazafroudi, F. Prieto-Castrillo, T. Pinto, J. Prieto, J. Corchado, and J. Bajo, ¿Energy flexibility management based on predictive dispatch model of domestic energy management system.¿ Energies, vol. 10, no. 9, p. 1397, 2017. https://doi.org/10.3390/en10091397	Q2

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Shokri Gazafroudi , Amin	30204	Published Conference Paper	04/06/2017	In this paper, a new interval optimization method is proposed to manage the uncertainty of stochastic variables to the problem of Residential Energy Management (REM). This new method is called Stochastic Predicted Bands (SPB) and it considers the uncertainty of decision making variables without knowledge of the Probability Density Function (PDF). The modeling of uncertainty is done by bands based on the prediction of stochastic variables. Besides, an auxiliary parameter is defined to provide flexibility to the decision-maker to be optimistic or conservative. Hence, applying the optimistic coefficient to the SPB method results in the enhancement of its performance. This new method is called Modified Stochastic Predicted Bands (MSPB). The simulation results of the test system show the performance of the proposed model in solving energy management problems via SPB method.	Conference Paper!
Sistemas Inteligentes	Shokri Gazafroudi , Amin	30208	Published Conference paper in PAAMS (Doctoral Consurtium)	21/06/17	This work proposes a organization-based Multi-Agent System that models Local Electricity Market (MASLEM). A bottom-up approach is implemented to manage energy in this work. In this context, agents are able to connect to each other and the power grid to transact electrical energy, and manage their inside electrical energy independently. A Demand Response Program (DRP) based on Indirect Load Control (ILC) method is also used. The performance of our work is evaluated through an Agent Based Modeling (ABM) implementation.	Brief describition of my PhD work.
Sistemas Inteligentes	Shokri Gazafroudi , Amin	30205	Published Conference paper of ISAMI	22/06/17	This paper proposes a review of Energy Management Systems (EMSs) based on Multi-Agent Systems (MASs). Also, goal, scale, strategy and software are discussed as different characteristics of the EMSs. Then, multi agent-based structure of the EMSs is described. Finally, challenges and future discussions related to the EMSs are presented in this paper.	Conference Review Paper.
Sistemas Inteligentes	Shokri Gazafroudi , Amin	30207	Published Conference paper in PAAMS	23/06/17	This paper proposes a Predictive Dispatch System (PDS) as part of a Multi-Agent system that models the Smart Home Electricity System (MASHES). The proposed PDS consists of a Decision-Making System (DMS) and a Prediction Engine (PE). The considered Smart Home Electricity System (SHES) consists of different agents, each with different tasks in the system. A Modified Stochastic Predicted Bands (MSPB) interval optimization method is used to model the uncertainty in the Home Energy Management (HEM) problem. Moreover, the proposed method to solve HEM problem is based on the Moving Window Algorithm (MWA). The performance of the proposed Home Energy Management System (HEMS) is evaluated using a JADE implementation of the MASHES.	Conference paper
Sistemas Inteligentes	Shokri Gazafroudi , Amin	30209	Published Journal paper	05/07/2017	This paper proposes a Multi-Agent system that models the Smart Home Electricity System (MASHES) to manage electrical energy. The considered system consists of different agents, each with different tasks in the MASHES. The performance of the proposed Home Energy Management System (HEMS) is evaluated using a JADE implementation of the MASHES.	Journal paper.

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Shokri Gazafroudi , Amin	30206	Published Conference paper in IEEE CEC	06/07/2017	Abstract: This paper proposes a Building Energy Management System (BEMS) as part of an organization-based Multi-Agent system that models the Smart Home Electricity System (MASHES). The proposed BEMS consists of an Energy Management System (EMS) and a Prediction Engine (PE). The considered Smart Home Electricity System (SHES) consists of different agents, each with different tasks in the system. In this context, smart homes are able to connect to the power grid to sell/buy electrical energy to/from the Local Electricity Market (LEM), and manage electrical energy inside of the smart home. Moreover, a Modified Stochastic Predicted Bands (MSPB) interval optimization method is used to model the uncertainty in the Building Energy Management (BEM) problem. A demand response program (DRP) based on time of use (TOU) rate is also used. The performance of the proposed BEMS is evaluated using a JADE implementation of the proposed organization-based MASHES.	Conference paper
Sistemas Inteligentes	Shokri Gazafroudi , Amin	40209	Published conference paper	30/08/17	1. R. Bajool, M. Shafie-khah, Amin Shokri Gazafroudi, J. P. S. Catalão, Mitigation of active and reactive demand response mismatches through reactive power control considering static load modeling in distribution grids, IEEE Conference on Control Technology and Applications (CCTA), August 2017. DOI: 10.1109/CCTA.2017.8062691	EEE Conference on Control Technology and Applications (CCTA), August 2017.
Sistemas Inteligentes	Shokri Gazafroudi , Amin	30210	Accepted conference paper of ICUWB	15/09/17	Power systems worldwide are complex and challenging environments. The increasing necessity for an adequate integration of renewable energy sources is resulting in a rising complexity in power systems operation. Multi-agent based simulation platforms have proven to be a good option to study the several issues related to these systems. In a smaller scale, a home energy management system would be effective for the both sides of the network. It can reduce the electricity costs of the demand side, and it can assist to relieve the grid congestion in peak times. This paper represents a domestic energy management system as part of a multi-agent system that models the smart home energy system. Our proposed system consists of energy management and predictor systems. This way, homes are able to transact with the local electricity market according to the energy flexibility that is provided by the electric vehicle, and it can manage produced electrical energy of the photovoltaic system inside of the home.	Conference paper.
Sistemas Inteligentes	Shokri Gazafroudi , Amin	30211	Accepted Conference paper of ICUWB	15/09/17	Devices connected in smart homes needs to be optimally scheduled, in order to save energy and money. There are different optimization models applied, based on fuzzy logic, linear programming or bio-inspired algorithms. Here, we aim to apply an artificial immune system to solve an energy management problem in domestic environments. We carry out a thorough analysis about the different strategies to optimize a domestic environment system to demonstrate an artificial immune system is able to find a successful optima respecting the problem constraints.	Conference paper.

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Shokri Gazafroudi , Amin	30212	Accepted conference paper of ISAP	15/09/17	This paper proposes a new model to allocate reserve costs among the involved players, considering the characteristics of the several entities, and the particular circumstances at each moment. The proposed model is integrated in the Multi-Agent Simulator of Competitive Electricity Markets (MASCEM), which enables complementing the multi-agent simulation of diverse electricity market models, by including the co-simulation of energy and reserve markets. In this context, the proposed model allows allocating the payment of reserve costs that result from the reserve market. A simulation based on real data from the Iberian electricity market ¿ MIBEL, is presented. Simulation results show the advantages of the proposed model in sharing the reserve costs fairly and accordingly to the different circumstances. This work thus contributes the study of novel market models towards the evolution of power and energy systems, with the objective of adapting current and future models to the new paradigm of high renewable energy generation penetration.	conference paper
Sistemas Inteligentes	Shokri Gazafroudi , Amin	40207	3 published papers in a 3rd workshop of dreamgo	24/01/18	Amin Shokri Gazafroudi, Omid Abrishambaf, Jorge Revuelta Herrero, Alfonso González Briones, Juan Manuel Corchado, "A MAS-based Energy Management and Control System of Smart Homes for Local Energy Transacting", 3rd DREAM-GO Workshop- "Intelligent load management in local and wholesale demand response market", Porto, Portugal, 23-24 Jan. 2018. 2. Joao Spinola, Amin Shokri Gazafroudi, Pedro Faria, Zita Vale, "Two-stage algorithm for the management of distributed energy resources included in an aggregator¿s activities", 3rd DREAM-GO Workshop- "Intelligent load management in local and wholesale demand response market", Porto, Portugal, 23-24 Jan. 2018. 3. M. Navarro-Cáceres, Amin Shokri Gazafroudi, K. G. Venayagamoorthy, J. M. Corchado, "Applying a Bio-inspired Paradigm to Manage a Domestic Electric System," 3rd DREAM-GO Workshop- "Intelligent load management in local and wholesale demand response market", Porto, Portugal, 23-24 Jan. 2018.	3 published works in Dreamgo worksho' 2018.
Sistemas Inteligentes	Shokri Gazafroudi , Amin	40205	Published book chapter in Springer	24/02/18	Najafi S., Talari S., Gazafroudi A.S., Shafie-khah M., Corchado J.M., Catalão J.P.S. (2018) Decentralized Control of DR Using a Multi-agent Method. In: Amini M., Boroojeni K., Iyengar S., Pardalos P., Blaabjerg F., Madni A. (eds) Sustainable Interdependent Networks. Studies in Systems, Decision and Control, vol 145. Springer, Cham. https://doi.org/10.1007/978-3-319-74412-4_13	It is book chapter
Sistemas Inteligentes	Shokri Gazafroudi , Amin	40204	Published paper in Hindawi, Complexity, jcr journal	08/05/2018	F. Prieto-Castrillo, A. Shokri Gazafroudi, J. Prieto, and J. M. Corchado, ¿An Ising Spin-Based Model to Explore Efficient Flexibility in Distributed Power Systems¿, Complexity, vol. 2018, pp. 1-16, 2018. https://doi.org/10.1155/2018/5905932	Q1
Sistemas Inteligentes	Shokri Gazafroudi , Amin	61091	Conference publication-C1	15/09/18	Amin Shokri Gazafroudi, F. Prieto-Castrillo, T. Pinto, J. Manuel Corchado, ¿Energy Flexibility Management in Distributed Power Systems:Decentralized approach¿, IEEE SEST Conference, 2018.	IEEE SEST Conference, 2018.
Sistemas Inteligentes	Shokri Gazafroudi , Amin	61087	Journal publication-J4	01/04/2019	Amin Shokri Gazafroudi, Corchado JM, Keane A, Soroudi A. Decentralised flexibility management for EVs. IET Renewable Power Generation. 2019 Jan 4.	JCR : 3.488, Q1.

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Shokri Gazafroudi , Amin	61090	Journal publication-J4 (attached)	01/04/2019	Amin Shokri Gazafroudi, Corchado JM, Keane A, Soroudi A. Decentralised flexibility management for EVs. IET Renewable Power Generation. 2019 Jan 4.	JCR : 3.488, Q1.
Sistemas Inteligentes	Shokri Gazafroudi , Amin	61086	Journal publication-J3	02/05/2019	Amin Shokri Gazafroudi, Soares J, Ghazvini MA, Pinto T, Vale Z, Corchado JM. Stochastic interval-based optimal offering model for residential energy management systems by household owners. International Journal of Electrical Power &Energy Systems. 2019 Feb 1;105:201-19.	JCR : 3.610, Q1.
Sistemas Inteligentes	Shokri Gazafroudi , Amin	61094	Book chapter- B2	02/05/2019	Amin Shokri Gazafroudi, M. Shafie-khah, D. Z. Fitiwi, S. F. Santos, J. M. Corchado, J. P. S. Catalão, ¿Impact of Strategic Behaviors of the Electricity Consumers on Power System Reliability?. (eds) Sustainable Interdependent Networks. Studies in Systems, Decision and Control, Springer, Cham, 2019	Sustainable Interdependent Networks. Studies in Systems, Decision and Control, Springer, Cham, 2019
Sistemas Inteligentes	Shokri Gazafroudi , Amin	61085	Journal publication-J2	05/07/2019	Amin Shokri Gazafroudi, M. Shafie-khah, E. Heydarian-Forushani, A. Hajizadeh, A. Heidari, Juan M. Corchado, and J. P.S. Catalao. Two-Stage Stochastic Model for the Price-based Domestic Energy Management Problem. International Journal of Electrical Power &Energy Systems. 2019.	JCR: 3.610, Q1.
Sistemas Inteligentes	Shokri Gazafroudi , Amin	61093	Book chapter- B1	01/10/2019	Amin Shokri Gazafroudi, M. Shafie-khah, F. Prieto-Castrillo, S. Talari, J. M. Corchado, and J. P. S. Catalão*, "Evolving New Market Structures", In Pathways to a Smarter Power System, pp. 183-203, Academic Press, 2019.	"Evolving New Market Structures", In Pathways to a Smarter Power System, pp. 183-203, Academic Press, 2019.
Sistemas Inteligentes	Shokri Gazafroudi , Amin	61032	Journal publication	04/10/2019	Amin Shokri Gazafroudi, Prieto J, Corchado JM. Virtual Organization Structure for Agent-Based Local Electricity Trading. Energies. 2019;12(8):1521.	JCR: 2.676, Q2.
Sistemas Inteligentes	Shokri Gazafroudi , Amin	30181	journal paper	-	-	-
Sistemas Inteligentes	Shokri Gazafroudi , Amin	30180	conference [a]er	-	-	-
Sistemas Inteligentes	Shokri Gazafroudi , Amin	30179	sdasdasdas	-	-	-
Sistemas Inteligentes	Shokri Gazafroudi , Amin	30178	Published conference paper in CoDIT'17	-	-	-
Sistemas Inteligentes	Shokri Gazafroudi , Amin	30177	published Conference paper in CoDIT'17	-	-	-
Sistemas Inteligentes	Silva , Luís Augusto	107107	An Architectural Multi-Agent System for a Pavement Monitoring System with P	30/10/20	Silva, L.A.;Sanchez San Blas, H.;Peral García, D.;Sales Mendes, A.;Villarubia González, G. An Architectural Multi-Agent System for a Pavement Monitoring System with Pothole Recognition in UAV Images. Sensors 2020, 20, 6205. https://doi.org/10.3390/s20216205	Factor de impacto:3,275 (Q1) Ranking 15/64 in INSTRUMENTS &INSTRUMENTATION

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Silva , Luís Augusto	107357	A Multi-Agent System for Data Fusion Techniques Applied to the Internet of	31/12/20	Blas, H.S.S.;Mendes, A.S.;Encinas, F.G.;Silva, L.A.;González, G.V. A Multi-Agent System for Data Fusion Techniques Applied to the Internet of Things Enabling Physical Rehabilitation Monitoring. Appl. Sci. 2021, 11, 331. https://doi.org/10.3390/app11010331	Factor de impacto: 2,474 (Q2) Ranking 63/155 in PHYSICS, APPLIED
Sistemas Inteligentes	Silva , Luís Augusto	107353	IndoorPlant: A Model for Intelligent Services in Indoor Agriculture Based o	26/02/21	Martini, B.G.;Helfer, G.A.;Barbosa, J.L.V.;Espinosa Modolo, R.C.;da Silva, M.R.;de Figueiredo, R.M.;Mendes, A.S.;Silva, L.A.;Leithardt, V.R.Q. IndoorPlant:A Model for Intelligent Services in Indoor Agriculture Based on Context Histories. Sensors 2021, 21, 1631. https://doi.org/10.3390/s21051631	Factor de impacto: 3,275 (Q1) Ranking 15/64 in INSTRUMENTS & INSTRUMENTATION
Sistemas Inteligentes	Silva , Luís Augusto	107149	Uma Plataforma para Redução e Separação de Ruído em Drones Equipados com Se	14/04/21	SILVA, Luís Augusto;ENCINAS, Francisco;DA SILVA, Bruno;MENDES, André;LEITHARDT, Valderi;GONZÁLEZ, Gabriel. Uma Plataforma para Redução e Separação de Ruído em Drones Equipados com Sensores Sonoros. In:ESCOLA REGIONAL DE ALTO DESEMPENHO DA REGIÃO SUL (ERAD-RS), 21. , 2021, Evento Online. Anais [...]. Porto Alegre:Sociedade Brasileira de Computação, 2021 . p. 99-100. ISSN 2595-4164. DOI: https://doi.org/10.5753/erads.2021.14788 .	Ponencia en congreso - Sin indicador de calidad
Sistemas Inteligentes	Silva , Luís Augusto	153404	ULearnEnglish: An Open Ubiquitous System for Assisting in Learning English	15/07/21	da Silva, L.G.;Neto, E.G.d.A.;Francisco, R.;Barbosa, J.L.V.;Silva, L.A.;Leithardt, V.R.Q. ULearnEnglish:An Open Ubiquitous System for Assisting in Learning English Vocabulary. Electronics 2021, 10, 1692. https://doi.org/10.3390/electronics10141692	Q2 (Electrical and Electronic Engineering)
Sistemas Inteligentes	Silva , Luís Augusto	107184	Hybrid Wavelet Stacking Ensemble Model for Insulators Contamination Forecas	05/10/2021	S. F. Stefenon et al., "Hybrid Wavelet Stacking Ensemble Model for Insulators Contamination Forecasting," in IEEE Access, vol. 9, pp. 66387-66397, 2021, doi: 10.1109/ACCESS.2021.3076410.	Factor de impacto: 3,745 (Q1) Ranking 35/156 in COMPUTER SCIENCE, INFORMATION SYSTEMS
Sistemas Inteligentes	Silva , Luís Augusto	153398	Multi-Agent System for the Control and Prevention of Drowning in the Aquati	21/10/21	FL Alejano;Sergio López-García;Daniel H. de la Iglesia;Mariano Raboso Mateos;Sergio Benito-Martin;Valderi R. Q. Leithardt;Luís Augusto Silva. Multi-Agent System for the Control and Prevention of Drowning in the Aquatic Environment. International Congress on Sustainable Development, Landscape Planning and Territorial Governance. Polytechnic Institute of Portalegre. 2021. Portugal. Congreso	Congreso
Sistemas Inteligentes	Silva , Luís Augusto	153397	An Architecture for Recognizing Potholes and Cracks in Roads with UAV Image	21/10/21	Luís Augusto Silva;Juan Francisco de Paz Santana;Gabriel Villarrubia González;Valderi Reis Quietinho Leithardt.An Architecture for Recognizing Potholes and Cracks in Roads with UAV Images. International Congress on Sustainable Development, Landscape Planning and Territorial Governance. Polytechnic Institute of Portalegre. 2021. Portugal. Congreso.	Congreso
Sistemas Inteligentes	Silva , Luís Augusto	107692	Arquit. para Rec. de Agujeros y Grietas en Ctra. con Imágenes de Drones	02/11/2021	Luís Augusto Silva, Gabriel Villarrubia González, and Juan F. de Paz;Una Arquitectura para Reconocimiento de Agujeros y Grietas en Carreteras con Imágenes de Drones in Jornada de seguimiento de la actividad investigadora. Programa de doctorado en Ingeniería Informática. Salamanca 11/02/2021	Jornada de seguimiento de la actividad investigadora. Programa de doctorado en Ingeniería Informática. Salamanca 11/02/2021

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Silva , Luís Augusto	107191	RespiraConNosotros: A Viable Home-Based Telerehabilitation System for Respiratory Patients	05/11/2021	Bermejo-Gil, B.M.;Pérez-Robledo, F.;Llamas-Ramos, R.;Silva, L.A.;Sales-Mendes, A.;Leithardt, V.R.Q.;Llamas-Ramos, I. RespiraConNosotros:A Viable Home-Based Telerehabilitation System for Respiratory Patients. Sensors 2021, 21, 3318. https://doi.org/10.3390/s21103318	Factor de impacto:3,275 (Q1) Ranking 15/64 in INSTRUMENTS &INSTRUMENTATION..
Sistemas Inteligentes	Silva , Luís Augusto	107127	Singular Spectrum Analysis for Source Separation in Drone-Based Audio	03/12/2021	F. G. Encinas, L. A. Silva, A. S. Mendes, G. V. González, V. R. Q. Leithardt and J. F. De Paz Santana, "Singular Spectrum Analysis for Source Separation in Drone-Based Audio Recording," in IEEE Access, vol. 9, pp. 43444-43457, 2021, doi:10.1109/ACCESS.2021.3065775	Factor de impacto: 3,745 (Q1) 35/156 in COMPUTER SCIENCE, INFORMATION SYSTEMS
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	39585	Pattern extraction for the design of predictive models in industry 4.0	30/06/17	· Sittón, I.; Rodríguez, S., ¿Pattern extraction for the design of predictive models in industry 4.0?, Advances in Intelligent Systems and Computing, 15th International Conference on Practical Applications of Agents and Multi-Agent Systems, PAAMS 2017, Vol., 619, pp. 258-261, 2017. DOI: 10.1007/978-3-319-61578-3_31	QUALIS:B4 Double-blind peer review
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	49944	MASPI: A Multi Agent System for prediction in Industry 4.0	06/07/2017	Sittón-Candanedo, I., González, S. R., De la Prieta, F., &Arrieta, A. G. (2018, June). MASPI:A Multi Agent System for Prediction in Industry 4.0 Environment. In The 13th International Conference on Soft Computing Models in Industrial and Environmental Applications (pp. 197-206). Springer, Cham. DOI: 10.1007/978-3-319-94120-2_19	No
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	49950	Diseño de un modelo predictivo en el contexto Industria 4.0	02/04/2018	· Sittón-Candanedo, I.;Rodríguez, S.;Muñoz, L.;¿Diseño de un modelo predictivo en el contexto Industria 4.0?. KnE Engineering,6th Engineering, Science and Technology Conference - Panama 2017 (ESTEC 2017), Vol.3, no 1, p. 543-551, 2018.DOI: 10.18502/keg.v3i1.1458. 11-13 de octubre de 2017.	No
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	39582	Diseño de un modelo predictivo en el contexto Industria 4.0	02/04/2018	· Sittón, I.; Rodríguez, S.; Muñoz, L.; ¿Diseño de un modelo predictivo en el contexto Industria 4.0?. KnE Engineering, 6th Engineering, Science and Technology Conference - Panama 2017 (ESTEC 2017), Vol. 3, no 1, p. 543-551, 2018.DOI: 10.18502/keg.v3i1.1458	Double-blind peer review
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	49949	A Self-organized Multiagent System for Industry 4.0.	22/06/18	Sittón-Candanedo, I. (2018, June). A Self-organized Multiagent System for Industry 4.0. In International Symposium on Distributed Computing and Artificial Intelligence (pp. 409-413).Springer, Cham. DOI:10.1007/978-3-319-99608-0_55	No
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	49946	Modeling a Synaesthete System to Generate a Tonal Melody from a Color Distr	06/07/2018	Navarro-Cáceres, M., Martín-Gómez, L., Sittón-Candanedo, I., Rodríguez-González, S., &Pérez-Lancho, B. (2018, June).Modeling a Synaesthete System to Generate a Tonal Melody from a Color Distribution. In The 13th International Conference on Soft Computing Models in Industrial and Environmental Applications (pp. 230-240).Springer, Cham. DOI: 10.1007/978-3-319-94120-2_22	No
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	49945	An Investment Recommender Multi-agent System in Financial Technology	06/07/2018	Hernández, E., Sittón-Candanedo, I., Rodríguez, S., Gil, A. B., &García, R. J. (2018, June).An Investment Recommender Multi-agent System in Financial Technology. In The 13th International Conference on Soft Computing Models in Industrial and Environmental Applications (pp. 3-10).Springer, Cham. DOI: 10.1007/978-3-319-94120-2_1	No
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	39782	15th International Conference on Distributed Computing and	06/08/2018	Sittón, Inés. "A self-organized multiagent system for Industry 4.0". 15th International Conference on Distributed Computing and Artificial Intelligence. In Advances in Intelligent Systems and Computing, Springer. In press, 2018.	Qualis: B4 Double peer blinder review

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
A.I.						
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	39832	International Conference On Knowledge Management In Organisations	08/10/2018	Sittón Candanedo, Inés; Hernández Nieves, Elena; Rodríguez González, Sara; Santos, María T.; González Briones, Alfonso."Machine learning for predictive model for Industry 4.0 environment". Knowledge Management, 13th International Conference, 2018. Lecture notes in Communications in Computer and Information Science. In press.Springer.	Double blind peer review
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	49948	Fault predictive model for HVAC Systems in the context of Industry 4.0	26/10/18	· Sittón-Candanedo, I., Hernández-Nieves, E., Rodríguez-González, S., de la Prieta-Pintado, F., Corchado, J.M., Fault predictive model for HVAC Systems in the context of Industry 4.0. XVIII Conferencia de la Asociación Española para la Inteligencia Artificial (CAEPIA), In:Information Network, 9, 10. Universidad de Granada. 23-26 de octubre de 2018.	No
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	49947	Semantyc analysis system for Industry 4.0	07/11/2018	Rivas, A., Martín, L., Sittón, I., Chamoso, P., Martín-Limorti, J. J., Prieto, J., &González-Briones, A. (2018, August).Semantic analysis system for industry 4.0. In International Conference on Knowledge Management in Organizations (pp. 537-548). Springer, Cham. DOI:10.1007/978-3-319-95204-8_45.	No.
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	49927	Machine Learning predictive model for Industry 4.0	07/11/2018	· Sittón-Candanedo, I., Nieves, E. H., González, S. R., Martín, M. T. S., &Briones, A. G. (2018, August).Machine learning predictive model for industry 4.0. In International Conference on Knowledge Management in Organizations (pp. 501-510).Springer, Cham. DOI:10.1007/978-3-319-95204-8_42.	No
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	67669	An intelligent Edge-IoT platform for monitoring livestock	12/01/2019	Alonso, R. S., Sittón-Candanedo, I., García, Ó., Prieto, J., &Rodríguez-González, S. (2019). An intelligent Edge-IoT platform for monitoring livestock and crops in a dairy farming scenario. Ad Hoc Networks, 102047. https://doi.org/10.1016/j.adhoc.2019.102047	Journal Metrics CiteScore: 4.52 ¿ Impact Factor: 3.490 ¿ 5-Year Impact Factor: 3.336 ¿ Source Normalized Impact per Paper (SNIP): 1.937 ¿ SCImago Journal Rank (SJR): 0.648 ¿
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	49951	Protección de datos en plataformas Fintech	18/02/19	Nieves, E. H., Sittón-Candanedo, I., González, S. R., &Rodríguez, J. M. C. (2019). Protección de datos en plataformas Fintech. In FODERTICS 7.0:estudios sobre derecho digital (pp. 81-90).ISBN978-84-9045-765-8 Ed. Comares	No
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	52692	Review of edge computing reference architectures	05/04/2019	Sittón-Candanedo, I., Alonso, R.S., Corchado, J.M., Rogríguez-González, S. Casado-Vara, R., A review of edgecomputing reference architectures and a new global edge proposal, In:Future Generation Computer Systems(2019), https://doi.org/10.1016/j.future.2019.04.016 .	Impact Factor:4.639. JCR:Q1. Total cites:6,411 5 years impact factor:4.969

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	57999	An Edge Computing Tutorial	24/05/19	· Sittón-Candanedo, I., Corchado, J.M., ¿An Edge Computing Tutorial. In: Oriental Journal of Computer Science. and Technology; Vol. 12(2). Available from: https://bit.ly/30JBOqn .	Worldcat, Cambridge Scientific Abstracts (CSA, Proquest), Ulrich's periodicals, Google Scholar
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	67668	Edge computing, iot and social computing in smart energy scenarios	31/07/19	Sittón-Candanedo, I., Alonso, R. S., García, Ó., Muñoz, L., & Rodríguez-González, S. (2019). Edge Computing, IoT and Social Computing in Smart Energy Scenarios. <i>Sensors</i> , 19(15), 3353. DOI: https://doi.org/10.3390/s19153353	Current Impact Factor: 3.031 5-year Impact Factor: 3.302 JCR category rank: 15/61 (Q1) in `Instruments & Instrumentation`, 23/84 (Q2) in `Chemistry, Analytical` and 12/26 (Q2) in the `Electrochemistry`
Sistemas Inteligentes	Sittón Candanedo, Inés Xiomara	67690	A Review on Edge Computing in Smart Energy by means of a Systematic Mapping	28/12/19	Sittón-Candanedo, I.; Alonso, R.S.; García, Ó.; Gil, A.B.; Rodríguez-González, S. A Review on Edge Computing in Smart Energy by means of a Systematic Mapping Study. <i>Electronics</i> 2020, 9, 48. https://doi.org/10.3390/electronics9010048	Current Impact Factor: 1.764 JCR category rank: 154/265 (Q3) in 'Engineering, Electrical & Electronic'

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Torreblanca González, José	108283	Artículo	24/11/19	<p>Autores :José Torreblanca González, Raúl García Ovejero, Álvaro Lozano Murciego, Gabriel Villarrubia González and Juan F. De Paz Año publicación: 24/11/2019 Título :Effects of Environmental Conditions and Composition on the Electrical Properties of Textile Fabrics. Revista :Sensors ISSN : 1424-8220 Nombre : Número especial de "Textile Electrodes and Sensors". Volumen: 19(23) Página desde: 5145 Página hasta :5163 DOI https://doi.org/10.3390/s19235145</p>	<p>El presente trabajo fue publicado en la edición especial ¿Textile Electrodes and Sensors¿, de la editorial MDPI y dentro de la revista Sensors, que difunde una gran cantidad de artículos relacionados con diferentes temáticas.</p> <p>La revista Sensors (ISSN 1424-8220) es una de las principales revistas internacionales de acceso abierto revisada por pares sobre la ciencia y la tecnología de los sensores. Sensors es una publicación quincenal. El factor de impacto en el año 2019 es de un 3,275 mientras que en los cinco años anteriores ha sido de un 3,427. Tiene una clasificación en la categoría JCR: 15/64 (Q1) en ¿Instrumentos e instrumentación¿.</p> <p>Este trabajo tuvo una revisión por pares previa a la aceptación del trabajo, que fue considerado de una calidad e interés suficiente para ser publicado el 24 de noviembre de 2019.</p> <p>Ha tenido una cita en la propia revista Sensors siendo la siguiente: 1.- Andrea Nicolò, Carlo Massaroni, Emiliano Schena, Massimo Sacchetti.¿The Importance of Respiratory Rate Monitoring:From Healthcare to Sport and Exercise¿. https://doi.org/10.3390/s20216396</p>
Sistemas Inteligentes	Torreblanca González, José	90742	Artículo publicado en la revista Sensors	24/11/19	Effects of Environmental Conditions and Composition on the Electrical Properties of Textile Fabrics	Trabajo relevante sobre la medición de la resistencia eléctrica en tejidos textiles.

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Torreblanca González, José	108630	Publicación científica	22/11/20	<p>Autores: Stéfano Frizzo Stefenon, Laio Oriel Seman, Clodoaldo Schutel Furtado Neto, Ademir Nied, Darlan Mateus Seganfredo, Felipe Garcia da Luz, Pablo Henrique Sabino, José Torreblanca González, Valderi Reis Quietinho Leithardt.</p> <p>Año publicación: 22/11/2020</p> <p>Título: Electric Field Evaluation Using the Finite Element Method and Proxy Models for the Design of Stator Slots in a Permanent Magnet Synchronous Motor.</p> <p>Revista: Electronics</p> <p>ISSN: 2079-9292</p> <p>Nombre: Número especial de " Analysis and Optimal Design Method for Electric Machine and Devices".</p> <p>Volumen: 9(11)</p> <p>Página desde: 1975 Página hasta:1995</p> <p>DOI: https://doi.org/10.3390/electronics9111975</p>	<p>El presente trabajo fue publicado en el ¿análisis de problemas especiales y método de diseño óptimo para máquinas y dispositivos eléctricos¿, de la editorial MDPI y dentro de la revista Electronics, que difunde una gran cantidad de artículos relacionados con diferentes temáticas del mundo de la ingeniería eléctrica y electrónica. La revista Electronics (ISSN 2079-9292) es una de las principales revistas internacionales de acceso abierto revisada por pares sobre la ciencia de la electrónica y sus aplicaciones. Electronics es una publicación quincenal. El factor de impacto en el año 2019 es de un 3,412. Tiene una clasificación en la categoría JCR:125/266 (Q2) en ¿Engineering, Electrical &Electronic¿.</p> <p>Este trabajo tuvo una revisión por pares previa a la aceptación del trabajo, que fue considerado de una calidad e interés suficiente para ser publicado el 22 de noviembre de 2020.</p>

Línea de Investigación del Programa	Nombre	Código identificativo	Tipo (artículo, libro, comunicación...)	Fecha de la publicación	Cita Completa	Indicadores de calidad
Sistemas Inteligentes	Torreblanca González, José	108639	Artículo	03/05/2021	<p>Autores: José Torreblanca González, Beatriz Gómez-Martín, Ascensión Hernández Encinas, Jesús Martín-Vaquero, Araceli Queiruga-Dios and Alfonso Martínez-Nova. Año publicación: 05/03/2021 Título: The Use of Infrared Thermography to Develop and Assess a Wearable Sock and Monitor Foot Temperature in Diabetic Subjects. Revista: Sensors ISSN: 1424-8220 Volumen: 21(5) Página desde: 1 Página hasta: 20 DOI: https://doi.org/10.3390/s21051821</p>	<p>El presente trabajo fue publicado en la editorial MDPI y dentro de la revista Sensors, que difunde una gran cantidad de artículos relacionados con diferentes temáticas. Sensors(ISSN:1424-8220) Año de fundación:2001 (Volúmenes:21) 34.249 artículos publicados hasta el momento con 11897 artículos han sido citados 10 veces o másFactor de impacto Factor de impacto actual:3.275 Factor de impacto a 5 años:3.427 Clasificación de la categoría JCR : 15/64 (Q1) en ¿Instrumentos e Instrumentación;</p>

Nota: Datos obtenidos por la UEC con la colaboración de los Servicios Informáticos (CPD). En la tabla figuran las contribuciones científicas de los estudiantes del Programa de Doctorado que están matriculados en el año 2018 y posteriores, hasta el curso 2021-2022, incluido.