

Part A. PERSONAL INFORMATION		CV date		25/01/2019
First and Family name	LUIS MARTÍNEZ LÓPEZ			
Social Security, Passport, ID number	26018033L	Age	48	
Researcher numbers	Researcher ID	A-1746-2009		
	Orcid code	0000-0003-4245-8813		

A.1. Current position

Name of University/Institution	University of Jaén		
Department	Computer Sciences		
Address and Country	Campus Las Lagunillas s/n, Jaén, 23071, Spain		
Phone number	+34953211902	E-mail	Martin@ujaen.es
Current position	Full Professor	From	2010
Espec. cód. UNESCO	120317,120318		
Palabras clave	Fuzzy systems, Decision Making, Computing with works		

A.2. Education

PhD	University	Year
Computer Sciences PhD	Granada	1999
MsEng. Computer Sciences	Granada	1993

A.3. JCR articles, h Index, thesis supervised...

- PhD supervisions (from 2009): 10
- Total Citations: 13833(Google Sch) 7969 (WoS)
- Average citations/year from 2014: 1047.6 (Web of Science)
- Papers in Q1 journals: 63 (WoS)
- h-index: **37** (WoS) 45(Google Sch)
- Highly cited Researcher 2017 and 2018 (<https://clarivate.com/hcr/>)

Total publications and Citations average from 1998 and citations from 2015 in WoS:



Part B. CV SUMMARY (max. 3500 characters, including spaces)

Luis Martínez was born in 1970. He received the M.Sc. and Ph.D. degrees in Computer Sciences, both from the University of Granada, Spain, in 1993 and 1999, respectively. Currently, he is Full Professor of Computer Science Department at the University of Jaén. His current research interests are fuzzy decision making, linguistic preference modelling, fuzzy systems, decision support systems, personalized marketing, computing with words and recommender systems. He co-edited eleven journal special issues on fuzzy preference modelling, soft computing, linguistic decision making and fuzzy sets theory and has been main researcher in 15 R&D projects, also has published more than 120 papers in journals indexed by the SCI as well as 33 book chapters and more than 150 contributions in International Conferences related to his areas. He is member of the European Society for Fuzzy Logic and Technology, IEEE. Co-Editor in Chief of the of the International Journal of Computational Intelligence Systems and an Associated Editor of the journals IEEE Transactions on Fuzzy Systems, Information Fusion, the International Journal of Fuzzy Systems, Journal of Intelligent & Fuzzy Systems, Applied Artificial Intelligence, Journal of Fuzzy Mathematics and serves as member of the journal Editorial Board of the Journal of Universal Computer Sciences. He received twice the IEEE Transactions on Fuzzy Systems

Outstanding Paper Award 2008 and 2012 (bestowed in 2011 and 2015 respectively). And he is Visiting Professor in University of Technology Sydney, University of Portsmouth Isambard Kingdom Brunel Fellowship Scheme), in the Wuhan University of Technology (Chutian Scholar), Guest Professor in the Southwest Jiaotong University and Honourable professor in Xihua University both in Chengdu (China). Eventually, Eventually, he has been appointed as [Highly Cited Researcher 2017](#) and [2018](#) in Computer Science according to the Web of Science.

Part C. RELEVANT MERITS

C.1. Publications (top 25 most relevant publications 2015-2018)

1. **Journal Paper.** Jorge Castro, Jie Lu, Guangquan Zhang, Yucheng Dong, Luis Martínez Opinion Dynamics-Based Group Recommender Systems IEEE Transactions on Systems, Man, and Cybernetics: Systems, vol. 48, n.º 12. IEEE, pp. 2394-2406, 2018.
2. **Journal Paper.** C-C. Li, R. M. Rodríguez, F. Herrera, L. Martínez and Y. Dong, "Consistency of hesitant fuzzy linguistic preference relations: An interval consistency index", Information Sciences, vol. 432: Elsevier, pp. 347 - 361, 2018.
3. **Journal Paper.** H. Liu, L. Jiang and L. Martínez, "A dynamic multi-criteria decision making model with bipolar linguistic term sets", Expert Systems with Applications, vol. 95, pp. 104 - 112, 2018.
4. Publicación en Revista Boris Yatsalo, Luis Martínez Fuzzy Rank Acceptability Analysis: A Confidence Measure of Ranking Fuzzy Numbers IEEE Transactions on Fuzzy Systems, vol. 26, n.º 6. pp. 3579-3593, 2018..
5. **Journal Paper.** R. M. Rodríguez, Z.S. Xu and L. Martínez, "Hesitant fuzzy information for information fusion in decision making", Information Fusion, vol. 42, no. Supplement C, pp. 62 - 63, 2018.
6. **Journal Paper.** Zhen-Song Chen, Kwai-Sang Chin, Luis Martínez, K.L. Tsui Customizing Semantics for Individuals with Attitudinal HFLTS Possibility Distributions IEEE Transactions on Fuzzy Systems, vol. 26. pp. 3452-3466, 2018
7. **Journal Paper.** L-H. Yang, Y-M. Wang, J. Liu and L. Martínez, "A joint optimization method on parameter and structure for belief-rule-based systems", Knowledge-Based Systems, vol. 142, pp. 220 - 240, 2018.
8. **Journal Paper.** C-C. Li, R. M. Rodríguez, L. Martínez, Y. Dong and F. Herrera, "Personalized individual semantics based on consistency in hesitant linguistic group decision making with comparative linguistic expressions", Knowledge-Based Systems, vol. 145: Elsevier, pp. 156-165, 2018.
9. **Journal Paper.** Z-S. Chen, L. Martínez, K-S. Chin and K-L. Tsui, "Two-stage Aggregation Paradigm for HFLTS Possibility Distributions: A Hierarchical Clustering Perspective", Expert Systems with Applications, vol. 104, pp. 43-66, 08/2018
10. **Journal Paper.** Cuiping Wei, Rosa María Rodríguez, Luis Martínez Uncertainty Measures of Extended Hesitant Fuzzy Linguistic Term Sets IEEE Transactions on Fuzzy Systems, vol. 26, n.º 3. pp. 1763-1768, 2018.
11. **Journal Paper** Rosa María Rodríguez, Álvaro Labella, Guy De Tré, Luis Martínez A large scale consensus reaching process managing group hesitation Knowledge-Based Systems, vol. 159, n.º 1. Elsevier, pp. 86-97, 2018.
12. **Book.** Martínez L, Rodríguez RM, Herrera F (2015). The 2-tuple Linguistic Model. Computing with Words in Decision Making, Springer International Publishing, New York.
13. **Journal Paper.** Castro-Gallardo, Jorge; Yera-toledo, Raciél; Martínez-López, Luis. 2017. An empirical study of natural noise management in group recommendation systems. Decision Support Systems. 94: 1-11. **IF:3.565 Quartile: Q1**
14. **Journal Paper.**
15. **Journal Paper.** Dong, Yucheng; Ding, Zhaogang; Martínez-López, Luis; Herrera-Triguero, Francisco. 2017. Managing consensus based on leadership in opinion dynamics. Information Sciences. 397-398: 187-205. **IF:4.305 Quartile: Q1**
16. **Journal Paper.** Yera, Raciél; Martínez-López, Luis. 2017. Fuzzy Tools in Recommender Systems: A Survey. International Journal of Computational Intelligence Systems. 10: 776-803. **IF:2 Quartile: Q2**

17. **Journal Paper.** Yatsalo, Boris; Korobov, Alexander; Martínez-López, Luis. 2017. Fuzzy Multi-Criteria Acceptability Analysis: A new Approach to Multi-Criteria Decision Analysis under Fuzzy Environment. Expert Systems with Applications. 84: 262-271. **IF:3.768 Quartile: Q1**
18. **Journal Paper** R. Yera, J. Castro and L. Martínez, "A fuzzy model for managing natural noise in recommender systems", Applied Soft Computing, vol. 40 , pp. 187–198, 03/2016. **IF:3.907 Quartile: Q1**
19. **Journal Paper** J. Liu, R. M. Rodríguez and L. Martínez, "New Trends of Information Fusion in Decision Making", Information fusion, vol. 29: Elsevier, pp. 87-88, 2016. **IF:6.639 Quartile: Q1**
20. **Journal Paper** R. M. Rodríguez, Á. Labella and L. Martínez, "An Overview on Fuzzy Modelling of Complex Linguistic Preferences in Decision Making", International Journal of Computational Intelligence Systems , vol. 9:pp. 81-94, 2016. **IF:2 Quartile: Q2**
21. **Journal Paper** R. M. Rodríguez, B. Bedregal, H. Bustince, Y. Dong, B. Farhadinia, C. Kahraman, L. Martínez, V. Torra, Y.J. Xu, Z.S. Xu, et al., "A Position and Perspective Analysis of Hesitant Fuzzy Sets on Information Fusion in Decision Making. Towards High Quality Progress", Information Fusion, vol. 29, pp. 89-97, 2016. **IF:6.639 Quartile: Q1**
22. **Journal Paper** L. Martínez and R. Marcos De Moraes, "Computational Intelligence Applications for Data Science", Knowledge Based Systems, vol. 67: Elsevier, pp. 1-2, 2015. **IF:4.396 Quartile: Q1**
23. **Journal Paper** J. Castro, F. J. Quesada, I. Palomares and L. Martínez, "A Consensus-Driven Group Recommender System", International Journal of Intelligent Systems, vol. 30, no. 8, pp. 887–906, 2015. **IF:3.363 Quartile: Q1**
24. **Journal Paper** R. Yera, Y. Caballero and L. Martínez, "Correcting noisy ratings in collaborative recommender systems", Knowledge-based Systems, vol. 76: Elsevier, pp. 96-108, 2015. **IF:4.396 Quartile: Q1**
25. **Journal Paper** F. J. Quesada, I. Palomares and L. Martínez, "Managing experts behavior in large-scale consensus reaching processes with uninorm aggregation operators", Applied Soft Computing, vol. 35, pp. 873 - 887, 2015. **IF:3.907 Quartile: Q1**

C.2. Research projects and grants

1. H2020 734355: The use of computational techniques to Improve compliance to reminders within smart environments. IP: C. Nugent (University of Ulster). 1.084.500,0 EUR
2. TIN2015-66524-P: Procesos de consenso inteligentes para toma de decisiones en grupo bajo Incertidumbre. Ministerio de Economía y Competitividad. Martínez-López, Luis (Universidad de Jaén). IP: Luis Martínez López. 2016-2018. 51000 EUR.
3. EU FP7 545867-EM-1-2013-1-DE-ERA MUNDUS-EMA21 Network EUREKA SD - Enhancement of University Research and Education in Knowledge Areas useful for Sustainable Development. IP J. Marx (University of Oldenburg). 4.294.100,00 €
4. TIN2012-31263: Toma de Decisiones Estratégicas Inteligentes en Contextos de Incertidumbre. Ministerio de Economía y Competitividad. Martínez-López, Luis (Universidad de Jaén). IP: Luis Martínez López. 2013-2015. 34380 EUR.
5. TIN-2009-08286: Información Lingüística En Procesos De Análisis De Decisión. Modelo De Preferencias y Aplicaciones. Plan Nacional I+D. IP: Luis Martínez López. Desde 01/01/2010. 91.300 €
6. TIN-2006-02121: Modelos de Decisión con Incertidumbre en Contextos Heterogeneos de Información. Aplicación a Procesos de Evaluación en Entornos On-Line Plan Nacional I+D. IP: Luis Martínez López. Desde 01/10/2006. 61.044,5 €
7. TIC-2002-03348: Modelado Flexible de Preferencias en Toma de Decisiones. Aplicaciones en Entornos On-Line: Sistemas de Recomendación. Otros Programas del MICYT. IP: Luis Martínez López. Desde 05/11/2002. 31.280 €

C.3. Contracts

- 1 Assessor for EQA CERTIFICADOS I+D+I , S.L. From 01/01/2012. 4500€
- 2 A bayesian net and development of a simulation system for life expectancy in lung

- cancer. Mauro Javier Oruezábal Moreno. Desde 30/06/2010. 30.000 €.
- 3 Identification by RFID on olive oil sector (RFID-A). Solutions Center. Antonio Miguel Sánchez Solana. 18/12/2007. 23.999 €.
 - 4 Development of a virtual library. Instituto de innovación empresarial. Antonio Miguel Sánchez Solana. 08/06/2006. 17.690 €.

C.4. Patents

1. Antonio Miguel Sánchez Solana; Luis Martínez López; José Ramón Balsas Almagro; M^a Dolores López de la Torre. *Sistema y Procedimiento de Obtención, Clasificación y Selección de Aceite de Oliva*. ES 2 341 694 B1. 13/06/2011.
2. Antonio Miguel Sánchez Solana; Luis Martínez López; José Ramón Balsas Almagro; Luis Gonzaga Pérez Cordón; Antonio Jesús Rivera Rivas; José Manuel Fuertes García; Manuel José Lucena López; Francisco José Esteban Ruiz; María Dolores López de la Torre; Alfonso Parras Martín; Gloria Esteban De La Rosa; Luis Santiago Marcos; Juan Pedro Zafra Milla; Arturo García Sanz; Antonio Jesús Santaella Macías. *Sistema para la Clasificación Automática de Aceitunas*. ES 2 369 186 B1. 10/10/2012.
3. Macarena Espinilla Estévez; Luis Martínez López; Francisco Javier Estrella Liébana. JA-200-13. Software Registration: **FLINTSTONES**. *A software suite for solving linguistic decision making problems*.

C.5 Editorial (Just the most relevant ones)

- Editor in Chief International Journal of Computational Intelligent Systems. Since 2011
- Associate Editor of IEEE Transactions on Fuzzy Systems. Since 2015
- Associate Editor of Information Fusion. Since 2013
- Associate Editor of the International Journal of Fuzzy Systems. Since 2013
- Associate Editor of the Journal of Intelligent & Fuzzy Systems. Since 2013
- Associate Editor of the Journal Human-centric Computing and Information Sciences. 2015
- Associate Editor of the Journal Applied Intelligence. Since 2016

C.6 Research Activity Management

- Research director of the Advance Center for ICT at University of Jaén. 2010-2015
- President of the Fuzzy Logic and Soft Computing Workshop 2010, 2013, 2015.

C.7 Awards and Honours

- **IEEE Transactions on Fuzzy Systems Outstanding 2008 Paper Award** (bestowed 2011)
- **IEEE Transactions on Fuzzy Systems Outstanding 2012 Paper Award** (bestowed 2015)
- **Guest Professor** en la Southwest Jiaotong University, China
- **Guest Professor** en la Universidad Tecnológica de Sydney (UTS), Australia
- **Honourable Professor** en Xihua University, China.
- **Chutian Chair Professor** of Hebei Province, China (2016-2019)
- **Isambard Kingdom Brunel Fellowship** at Portsmouth University 2017
- **Highly cited researcher 2017 and 2018** (<https://clarivate.com/hcr/>)