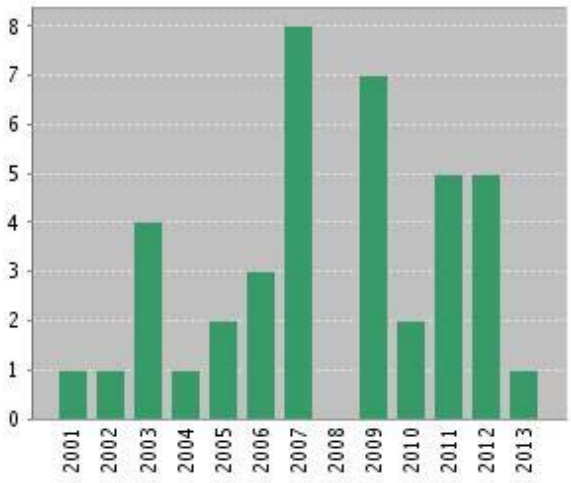
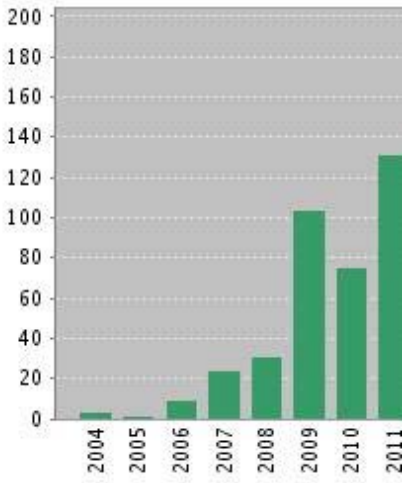
au=alcala r and ci=granada

Timespan=All years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH.

Published Items in Each Year



Citations in Each Year



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Sum of the Times Cited:	**683**
Average Citations per Item:	**17.08**
h-index:	**16**

		2010	2011	2012	2013	2014	Total	Average Citations per Year
		75	**131**	**195**	**110**	**0**	**683**	**68.30**
1.	**Title:** Adaptation and application of multi-objective evolutionary algorithms for rule reduction and parameter tuning of fuzzy rule-based systems **Author(s):** Gacto, Maria Jose; Alcala, Rafael; Herrera, Francisco **Source:** SOFT COMPUTING **Volume:** 13 **Issue:** 5 **Pages:** 419-436 **DOI:** 10.1007/s00500-008-0359-z **Published:** MAR 2009	9	16	10	6	0	55	11.00
2.	**Title:** A proposal for the genetic lateral tuning of linguistic fuzzy systems and its interaction with rule selection **Author(s):** Alcala, Rafael; Alcala-Fdez, Jesus; Herrera, Francisco **Source:** IEEE TRANSACTIONS ON FUZZY SYSTEMS **Volume:** 15 **Issue:** 4 **Pages:** 616-635 **DOI:** 10.1109/TFUZZ.2006.889880 **Published:** AUG 2007	12	12	10	5	0	53	7.57
3.	**Title:** A Multiobjective Evolutionary Approach to Concurrently Learn Rule and Data Bases of Linguistic Fuzzy-Rule-Based Systems **Author(s):** Alcala, Rafael; Ducange, Pietro; Herrera,	6	15	21	7	0	51	10.20

		2010	2011	2012	2013	2014	Total	Average Citations per Year
		75	**131**	**195**	**110**	**0**	**683**	**68.30**
	Francisco; et al. **Source:** IEEE TRANSACTIONS ON FUZZY SYSTEMS **Volume:** 17 **Issue:** 5 **Pages:** 1106-1122 **DOI:** 10.1109/TFUZZ.2009.2023113 **Published:** OCT 2009							
4.	**Title:** A multi-objective genetic algorithm for tuning and rule selection to obtain accurate and compact linguistic fuzzy rule-based systems **Author(s):** Alcala, R.; Gacto, M. J.; Herrera, F.; et al. **Source:** INTERNATIONAL JOURNAL OF UNCERTAINTY FUZZINESS AND KNOWLEDGE-BASED SYSTEMS **Volume:** 15 **Issue:** 5 **Pages:** 539-557 **DOI:** 10.1142/S0218488507004868 **Published:** OCT 2007	6	5	10	7	0	48	6.86
5.	**Title:** Genetic learning of accurate and compact fuzzy rule based systems based on the 2-tuples linguistic representation **Author(s):** Alcala, Rafael; Alcala-Fdez, Jesus; Herrera, Francisco; et al. **Conference:** 1st International Workshop on Genetic Fuzzy Systems **Location:** Granada, SPAIN **Date:** MAR 17-19, 2005 **Source:** INTERNATIONAL JOURNAL OF APPROXIMATE REASONING **Volume:** 44 **Issue:** 1 **Pages:** 45-64 **DOI:** 10.1016/j.ijar.2006.02.007 **Published:** JAN 2007	5	7	10	6	0	48	6.86
6.	**Title:** Hybrid learning models to get the interpretability-accuracy trade-off in fuzzy modeling **Author(s):** Alcala, R; Alcala-Fdez, J; Casillas, J; et al. **Source:** SOFT COMPUTING **Volume:** 10 **Issue:** 9 **Pages:** 717-734 **DOI:** 10.1007/s00500-005-0002-1 **Published:** JUL 2006	5	5	8	5	0	45	5.62
7.	**Title:** Integration of an Index to Preserve the Semantic Interpretability in the Multiobjective Evolutionary Rule Selection and Tuning of Linguistic Fuzzy Systems **Author(s):** Jose Gacto, Maria; Alcala, Rafael; Herrera, Francisco **Source:** IEEE TRANSACTIONS ON FUZZY SYSTEMS **Volume:** 18 **Issue:** 3 **Pages:** 515-531 **DOI:** 10.1109/TFUZZ.2010.2041008 **Published:** JUN 2010	0	16	18	8	0	42	10.50
8.	**Title:** Interpretability of linguistic fuzzy rule-based systems: An overview of interpretability measures **Author(s):** Gacto, M. J.; Alcala, R.; Herrera, F. **Source:** INFORMATION SCIENCES **Volume:** 181 **Issue:** 20 **Pages:** 4340-4360 **DOI:** 10.1016/j.ins.2011.02.021 **Published:** OCT 15 2011	0	4	19	16	0	39	13.00
9.	**Title:** A genetic rule weighting and selection process for fuzzy control of heating, ventilating and air conditioning systems **Author(s):** Alcala, R; Casillas, J; Cordon, O; et al. **Source:** ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE **Volume:** 18 **Issue:** 3 **Pages:** 279-296 **DOI:** 10.1016/j.engappai.2004.09.007 **Published:** APR 2005	5	4	7	3	0	36	4.00

		2010	2011	2012	2013	2014	Total	Average Citations per Year
		75	**131**	**195**	**110**	**0**	**683**	**68.30**
10.	**Title:** Learning the membership function contexts for mining fuzzy association rules by using genetic algorithms **Author(s):** Alcala-Fdez, Jesus; Alcala, Rafael; Jose Gacto, Maria; et al. **Source:** FUZZY SETS AND SYSTEMS **Volume:** 160 **Issue:** 7 **Pages:** 905-921 **DOI:** 10.1016/j.fss.2008.05.012 **Published:** APR 1 2009	7	9	12	5	0	35	7.00

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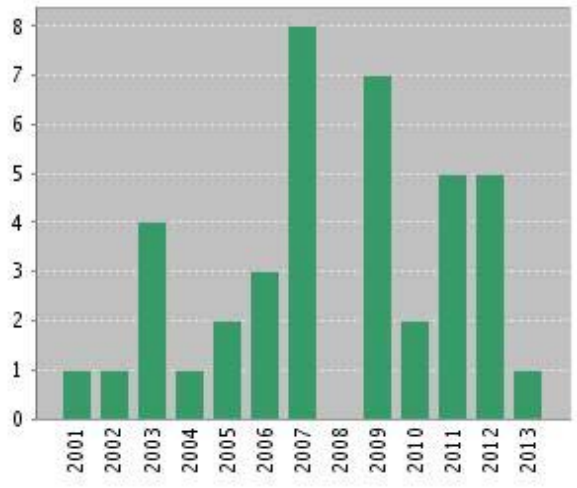
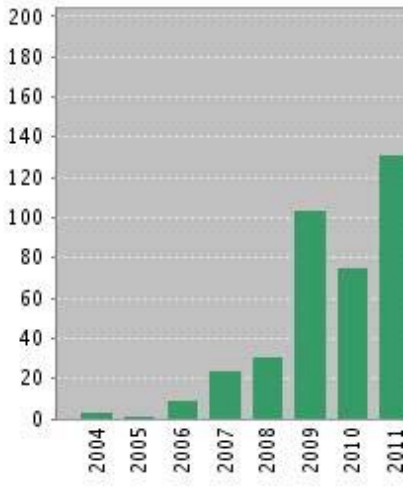
au=alcala r and ci=granada

Timespan=All years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH.

Published Items in Each Year



Citations in Each Year



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		2010	2011	2012	2013	2014	Total	Average Citations per Year
		75	**131**	**195**	**110**	**0**	**683**	**68.30**
11.	**Title:** Fuzzy control of HVAC systems optimized by genetic algorithms **Author(s):** Alcala, R; Benitez, JM; Casillas, J; et al. **Source:** APPLIED INTELLIGENCE **Volume:** 18 **Issue:** 2 **Pages:** 155-177 **DOI:** 10.1023/A:1021986309149 **Published:** MAR-APR 2003	3	4	6	1	0	24	2.18
12.	**Title:** Local identification of prototypes for genetic learning of accurate TSK fuzzy rule-based systems **Author(s):** Alcala, R.; Alcala-Fdez, J.; Casillas, J.; et al. **Conference:** 3rd Conference for Fuzzy Logic and Technology **Location:** Zittau, GERMANY **Date:** SEP 10-12, 2003 **Sponsor(s):** European Soc Fuzzy Log & Technol; Univ Appl Sci Zittau **Source:** INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS **Volume:** 22 **Issue:** 9 **Special Issue:** SI **Pages:** 909-941 **DOI:** 10.1002/int.20232 **Published:** SEP 2007	3	5	4	2	0	21	3.00
13.	**Title:** Rule base reduction and genetic tuning of fuzzy systems based on the linguistic 3-tuples representation **Author(s):** Alcala, Rafael; Alcala-Fdez, Jesus; Gacto, Maria	4	4	5	3	0	21	3.00

		2010	2011	2012	2013	2014	Total	Average Citations per Year
		75	**131**	**195**	**110**	**0**	**683**	**68.30**
	Jose; et al. **Conference:** 27th Annual German Conference on Artificial Intelligence **Location:** Ulm, GERMANY **Date:** SEP 20-24, 2004 **Sponsor(s):** Univ Ulm; Microsoft Deutschland GmbH; sd&m AG; Syst, Messe Munchen GmbH; Continental Tem Speech Dialog Syst; Projektentwickl Gesell Ulm mbH; Dresdner Bank; DaimlerChrysler; IBM Deutschland; Siemens AG **Source:** SOFT COMPUTING **Volume:** 11 **Issue:** 5 **Pages:** 401-419 **DOI:** 10.1007/s00500-006-0106-2 **Published:** MAR 2007							
14.	**Title:** Linguistic modeling with hierarchical systems of weighted linguistic rules **Author(s):** Alcala, R; Cano, JR; Cordon, O; et al. **Source:** INTERNATIONAL JOURNAL OF APPROXIMATE REASONING **Volume:** 32 **Issue:** 2-3 **Pages:** 187-215 **Article Number:** PII S0888-613X(02)00083-X **DOI:** 10.1016/S0888-613X(02)00083-X **Published:** FEB 2003	2	4	1	0	0	20	1.82
15.	**Title:** A Fast and Scalable Multiobjective Genetic Fuzzy System for Linguistic Fuzzy Modeling in High-Dimensional Regression Problems **Author(s):** Alcala, Rafael; Jose Gacto, Maria; Herrera, Francisco **Source:** IEEE TRANSACTIONS ON FUZZY SYSTEMS **Volume:** 19 **Issue:** 4 **Pages:** 666-681 **DOI:** 10.1109/TFUZZ.2011.2131657 **Published:** AUG 2011	0	2	10	7	0	19	6.33
16.	**Title:** Multiobjective genetic fuzzy rule selection of single granularity-based fuzzy classification rules and its interaction with the lateral tuning of membership functions **Author(s):** Alcala, Rafael; Nojima, Yusuke; Herrera, Francisco; et al. **Source:** SOFT COMPUTING **Volume:** 15 **Issue:** 12 **Pages:** 2303-2318 **DOI:** 10.1007/s00500-010-0671-2 **Published:** DEC 2011	0	1	11	4	0	16	5.33
17.	**Title:** Improving fuzzy logic controllers obtained by experts: a case study in HVAC systems **Author(s):** Alcala, Rafael; Alcala-Fdez, Jesus; Gacto, Maria Jose; et al. **Source:** APPLIED INTELLIGENCE **Volume:** 31 **Issue:** 1 **Pages:** 15-30 **DOI:** 10.1007/s10489-007-0107-6 **Published:** AUG 2009	2	4	6	2	0	15	3.00
18.	**Title:** Building fuzzy graphs: Features and taxonomy of learning for non-grid-oriented fuzzy rule-based systems **Author(s):** Alcala, R; Casillas, J; Cordon, O; et al. **Source:** JOURNAL OF INTELLIGENT & FUZZY SYSTEMS **Volume:** 11 **Issue:** 3-4 **Pages:** 99-119 **Published:** 2001	1	2	0	1	0	15	1.15
19.	**Title:** A multi-objective evolutionary algorithm for an effective tuning of fuzzy logic controllers in heating, ventilating and air conditioning systems **Author(s):** Jose Gacto, Maria; Alcala, Rafael; Herrera,	0	3	4	7	0	14	7.00

		2010	2011	2012	2013	2014	Total	Average Citations per Year
		75	**131**	**195**	**110**	**0**	**683**	**68.30**
	Francisco **Source:** APPLIED INTELLIGENCE **Volume:** 36 **Issue:** 2 **Pages:** 330-347 **DOI:** 10.1007/s10489-010-0264-x **Published:** MAR 2012							
20.	**Title:** Genetic fuzzy systems: What's next? An introduction to the special section **Author(s):** Cordon, Oscar; Alcala, Rafael; Alcala-Fdez, Jess; et al. **Source:** IEEE TRANSACTIONS ON FUZZY SYSTEMS **Volume:** 15 **Issue:** 4 **Pages:** 533-535 **DOI:** 10.1109/TFUZZ.2007.900902 **Published:** AUG 2007	3	4	3	0	0	14	2.00

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