

Nicols Marn Ruiz

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67

papers

809

citations

15

h-index

26

g-index

74

ext. papers

926

ext. citations

3.6

avg, IF

3.93

L-index

#	Paper	IF	Citations
67	Fuzzy association rules: general model and applications. <i>IEEE Transactions on Fuzzy Systems</i> , 2003 , 11, 214-225	8.3	196
66	TBAR: An efficient method for association rule mining in relational databases. <i>Data and Knowledge Engineering</i> , 2001 , 37, 47-64	1.5	55
65	The Role of Information Technologies to Address Data Handling in Construction Project Management. <i>Journal of Computing in Civil Engineering</i> , 2016 , 30, 04015064	5	45
64	Complex object comparison in a fuzzy context. <i>Information and Software Technology</i> , 2003 , 45, 431-444	3.4	36
63	Building multi-way decision trees with numerical attributes. <i>Information Sciences</i> , 2004 , 165, 73-90	7.7	33
62	Fuzzy types: A new concept of type for managing vague structures. <i>International Journal of Intelligent Systems</i> , 2000 , 15, 1061-1085	8.4	31
61	A strategy for adding fuzzy types to an object-oriented database system. <i>International Journal of Intelligent Systems</i> , 2001 , 16, 863-880	8.4	30
60	Linguistic query answering on data cubes with time dimension. <i>International Journal of Intelligent Systems</i> , 2011 , 26, 1002-1021	8.4	26
59	Managing fuzziness on conventional object-oriented platforms. <i>International Journal of Intelligent Systems</i> , 2007 , 22, 781-803	8.4	26
58	An Approach for the Automatic Classification of Work Descriptions in Construction Projects. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2015 , 30, 919-934	8.4	19
57	pg4DB: A fuzzy object-relational system. <i>Fuzzy Sets and Systems</i> , 2008 , 159, 1500-1514	3.7	19
56	An intelligent system for the acquisition and management of information from bill of quantities in building projects. <i>Expert Systems With Applications</i> , 2016 , 63, 284-294	7.8	18
55	FUZZY INTERVALS TO REPRESENT FUZZY VALID TIME IN A TEMPORAL RELATIONAL DATABASE. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2009 , 17, 173-192	0.8	18
54	A GENERAL FRAMEWORK FOR COMPUTING WITH WORDS IN OBJECT-ORIENTED PROGRAMMING. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2007 , 15, 111-131	0.8	18
53	A Complexity Guided Algorithm for Association Rule Extraction on Fuzzy DataCubes. <i>IEEE Transactions on Fuzzy Systems</i> , 2008 , 16, 693-714	8.3	15
52	Context-Aware Fuzzy Databases. <i>Applied Soft Computing Journal</i> , 2014 , 25, 215-233	7.5	13
51	Component-based data mining frameworks. <i>Communications of the ACM</i> , 2002 , 45, 97-100	2.5	12

50	Describing images via linguistic features and hierarchical segmentation 2010 ,		10
49	Linguistic local change comparison of time series 2011 ,		10
48	Linguistic Summarization of Time Series Data using Genetic Algorithms 2011 ,		10
47	Fuzzy frameworks for mining data associations: fuzzy association rules and beyond. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2016 , 6, 50-69	6.9	10
46	Aspects of quality evaluation in linguistic descriptions of data 2015 ,		9
45	Cost analysis in construction projects using fuzzy OLAP cubes 2015 ,		9
44	The Role of Graduality for Referring Expression Generation in Visual Scenes. <i>Communications in Computer and Information Science</i> , 2016 , 191-203	0.3	9
43	Enhancing Short Text Retrieval in Databases. <i>Lecture Notes in Computer Science</i> , 2006 , 613-624	0.9	9
42	Specificity Measures and Referential Success. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 859-868	8.3	7
41	A Relational Model for the Possibilistic Valid-time Approach. <i>International Journal of Computational Intelligence Systems</i> , 2012 , 5, 1068-1088	3.4	7
40	A preliminary approach to classify work descriptions in construction projects 2013 ,		7
39	Development of applications with fuzzy objects in modern programming platforms. <i>International Journal of Intelligent Systems</i> , 2005 , 20, 1117-1136	8.4	6
38	Softening the object-oriented database model: imprecision, uncertainty, and fuzzy types		6
37	A Framework to Build Fuzzy Object-Oriented Capabilities Over an Existing Database System 2005 , 177-205		6
36	A Measure of Referential Success Based on Alpha-Cuts. <i>Lecture Notes in Computer Science</i> , 2016 , 345-351	6.9	5
35	Using Classification Techniques for Assigning Work Descriptions to Task Groups on the Basis of Construction Vocabulary. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2018 , 33, 966-981	8.4	5
34	An approach to solve division-like queries in fuzzy object databases. <i>Fuzzy Sets and Systems</i> , 2012 , 196, 47-68	3.7	5
33	Direct integration of government funding and family support for musculoskeletal tumor care in a resource-constrained country. <i>Oncology</i> , 2009 , 76, 398-404	3.6	5

32	Using Classical Object-Oriented Features to Build a Fuzzy O-O Database System. <i>Studies in Fuzziness and Soft Computing</i> , 2003 , 131-155	0.7	5
31	Bipolar queries on fuzzy univalued and multivalued attributes in object databases. <i>Fuzzy Sets and Systems</i> , 2016 , 292, 175-192	3.7	4
30	A proposal for the hierarchical segmentation of time series. Application to trend-based linguistic description 2014 ,		4
29	Fuzzy Quantification-Based Linguistic Summaries in Data Cubes with Hierarchical Fuzzy Partition of Time Dimension. <i>Lecture Notes in Computer Science</i> , 2009 , 578-585	0.9	4
28	Linguistic Summary-Based Query Answering on Data Cubes with Time Dimension. <i>Lecture Notes in Computer Science</i> , 2009 , 560-571	0.9	4
27	Using specificity to measure referential success in referring expressions with fuzzy properties 2016 ,		3
26	Objects resemblance in a fuzzy object-oriented context		3
25	Specificity measures based on fuzzy set similarity. <i>Fuzzy Sets and Systems</i> , 2020 , 401, 189-199	3.7	3
24	Flexible Management of Essential Construction Tasks Using Fuzzy OLAP Cubes 2018 , 357-388		3
23	Fuzzy Regression with Quadratic Programming: An Application to Financial Data. <i>Lecture Notes in Computer Science</i> , 2006 , 1304-1311	0.9	3
22	Scene selection for teaching basic visual concepts in the Refer4Learning app 2017 ,		2
21	An intelligent system for cost data handling in construction projects 2016 ,		2
20	Linguistic comparison of time series using the End-Point Fit algorithm 2015 ,		2
19	A Fuzzy Set-Based Approach to Temporal Databases. <i>Lecture Notes in Computer Science</i> , 2007 , 31-44	0.9	2
18	Advances in intelligent databases and information systems. <i>Fuzzy Sets and Systems</i> , 2008 , 159, 1429-1439.	0.7	2
17	. <i>IEEE Software</i> , 2005 , 22, 98-106	1.5	2
16	Fuzzy Domains with Adaptable Semantics in an Object-Relational DBMS. <i>Lecture Notes in Computer Science</i> , 2011 , 497-508	0.9	2
15	Referring expression generation from images via deep learning object extraction and fuzzy graphs 2021 ,		2

14	On families of bounded specificity measures 2017 ,		1
13	Problems of fuzzy queries involving aggregation functions: the "select count" case 2001 ,		1
12	Qualification of Fuzzy Statements Under Fuzzy Certainty. <i>Lecture Notes in Computer Science</i> , 2007 , 162-170		1
11	Enabling Fuzzy Object Comparison in Modern Programming Platforms through Reflection. <i>Lecture Notes in Computer Science</i> , 2003 , 660-667	0.9	1
10	An Overview of Alternative Rule Evaluation Criteria and Their Use in Separate-and-Conquer Classifiers. <i>Lecture Notes in Computer Science</i> , 2006 , 591-600	0.9	1
9	Numerical Attributes in Decision Trees: A Hierarchical Approach. <i>Lecture Notes in Computer Science</i> , 2003 , 198-207	0.9	1
8	Fuzzy Ridge Regression with Non Symmetric Membership Functions and Quadratic Models 2007 , 135-144		1
7	Formal concept analysis for the generation of plural referring expressions. <i>Information Sciences</i> , 2021 , 579, 717-731	7.7	1
6	Data Integration Using Lazy Types 2007 , 42-50		0
5	A Ubiquitous Intelligent Tutoring System for Aiding Electronic Learning. <i>Lecture Notes in Computer Science</i> , 2010 , 70-79	0.9	
4	An Extension of Data Description Language (DDL) for Fuzzy Data Handling 2001 , 54-64		
3	A Methodology to Improve Object Oriented Database Systems with Fuzzy Types. <i>Studies in Fuzziness and Soft Computing</i> , 2002 , 391-404	0.7	
2	Using k-Specificity for the Management of Count Restrictions in Flexible Querying. <i>Lecture Notes in Computer Science</i> , 2017 , 49-63	0.9	
1	A Fuzzy Framework for Software Libraries Matching. <i>Communications in Computer and Information Science</i> , 2011 , 617-624	0.3	