

Nicolás Marín Ruiz

List of Publications by Year in descending order

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68
papers

1,075
citations

516710

16
h-index

454955

30
g-index

74
all docs

74
docs citations

74
times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	Referring expression generation from images via deep learning object extraction and fuzzy graphs. , 2021, , .		3
2	Formal concept analysis for the generation of plural referring expressions. Information Sciences, 2021, 579, 717-731.	6.9	6
3	Specificity measures based on fuzzy set similarity. Fuzzy Sets and Systems, 2020, 401, 189-199.	2.7	4
4	Specificity Measures and Referential Success. IEEE Transactions on Fuzzy Systems, 2018, 26, 859-868.	9.8	10
5	Flexible Management of Essential Construction Tasks Using Fuzzy OLAP Cubes. , 2018, , 357-388.		3
6	An Approximation to Context-Aware Size Modeling for Referring Expression Generation. , 2018, , .		2
7	Using Classification Techniques for Assigning Work Descriptions to Task Groups on the Basis of Construction Vocabulary. Computer-Aided Civil and Infrastructure Engineering, 2018, 33, 966-981.	9.8	12
8	On families of bounded specificity measures. , 2017, , .		3
9	Scene selection for teaching basic visual concepts in the Refer4Learning app. , 2017, , .		5
10	Using k-Specificity for the Management of Count Restrictions in Flexible Querying. Lecture Notes in Computer Science, 2017, , 49-63.	1.3	0
11	Fuzzy frameworks for mining data associations: fuzzy association rules and beyond. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2016, 6, 50-69.	6.8	12
12	An intelligent system for cost data handling in construction projects. , 2016, , .		2
13	An intelligent system for the acquisition and management of information from bill of quantities in building projects. Expert Systems With Applications, 2016, 63, 284-294.	7.6	23
14	Using specificity to measure referential success in referring expressions with fuzzy properties. , 2016, , .		8
15	Bipolar queries on fuzzy univalued and multivalued attributes in object databases. Fuzzy Sets and Systems, 2016, 292, 175-192.	2.7	4
16	The Role of Information Technologies to Address Data Handling in Construction Project Management. Journal of Computing in Civil Engineering, 2016, 30, .	4.7	67
17	The Role of Graduality for Referring Expression Generation in Visual Scenes. Communications in Computer and Information Science, 2016, , 191-203.	0.5	15
18	An Approach for the Automatic Classification of Work Descriptions in Construction Projects. Computer-Aided Civil and Infrastructure Engineering, 2015, 30, 919-934.	9.8	24

#	ARTICLE	IF	CITATIONS
19	Aspects of quality evaluation in linguistic descriptions of data. , 2015, , .		11
20	Linguistic comparison of time series using the End-Point Fit algorithm. , 2015, , .		2
21	Cost analysis in construction projects using fuzzy OLAP cubes. , 2015, , .		10
22	A proposal for the hierarchical segmentation of time series. Application to trend-based linguistic description. , 2014, , .		5
23	Context-Aware Fuzzy Databases. Applied Soft Computing Journal, 2014, 25, 215-233.	7.2	17
24	A preliminary approach to classify work descriptions in construction projects. , 2013, , .		7
25	A Relational Model for the Possibilistic Valid-time Approach. International Journal of Computational Intelligence Systems, 2012, 5, 1068.	2.7	10
26	An approach to solve division-like queries in fuzzy object databases. Fuzzy Sets and Systems, 2012, 196, 47-68.	2.7	5
27	Linguistic local change comparison of time series. , 2011, , .		12
28	Linguistic query answering on data cubes with time dimension. International Journal of Intelligent Systems, 2011, 26, 1002-1021.	5.7	29
29	Fuzzy Domains with Adaptable Semantics in an Object-Relational DBMS. Lecture Notes in Computer Science, 2011, , 497-508.	1.3	4
30	Linguistic Summarization of Time Series Data using Genetic Algorithms. , 2011, , .		16
31	A Fuzzy Framework for Software Libraries Matching. Communications in Computer and Information Science, 2011, , 617-624.	0.5	0
32	A Ubiquitous Intelligent Tutoring System for Aiding Electronic Learning. Lecture Notes in Computer Science, 2010, , 70-79.	1.3	0
33	Describing images via linguistic features and hierarchical segmentation. , 2010, , .		15
34	FUZZY INTERVALS TO REPRESENT FUZZY VALID TIME IN A TEMPORAL RELATIONAL DATABASE. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2009, 17, 173-192.	1.9	21
35	Direct Integration of Government Funding and Family Support for Musculoskeletal Tumor Care in a Resource-Constrained Country. Oncology, 2009, 76, 398-404.	1.9	6
36	Fuzzy Quantification-Based Linguistic Summaries in Data Cubes with Hierarchical Fuzzy Partition of Time Dimension. Lecture Notes in Computer Science, 2009, , 578-585.	1.3	9

#	ARTICLE	IF	CITATIONS
37	Linguistic Summary-Based Query Answering on Data Cubes with Time Dimension. Lecture Notes in Computer Science, 2009, , 560-571.	1.3	7
38	Advances in intelligent databases and information systems. Fuzzy Sets and Systems, 2008, 159, 1429-1430.	2.7	2
39	pg4DB: A fuzzy object-relational system. Fuzzy Sets and Systems, 2008, 159, 1500-1514.	2.7	25
40	A Complexity Guided Algorithm for Association Rule Extraction on Fuzzy DataCubes. IEEE Transactions on Fuzzy Systems, 2008, 16, 693-714.	9.8	20
41	FUZZY TIME MANIPULATION IN A RELATIONAL DB. , 2008, , .		0
42	A GENERAL FRAMEWORK FOR COMPUTING WITH WORDS IN OBJECT-ORIENTED PROGRAMMING. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2007, 15, 111-131.	1.9	24
43	A Fuzzy Set-Based Approach to Temporal Databases. Lecture Notes in Computer Science, 2007, , 31-44.	1.3	2
44	Managing fuzziness on conventional object-oriented platforms. International Journal of Intelligent Systems, 2007, 22, 781-803.	5.7	27
45	Fuzzy Ridge Regression with Non Symmetric Membership Functions and Quadratic Models. , 2007, , 135-144.		1
46	Qualification of Fuzzy Statements Under Fuzzy Certainty. Lecture Notes in Computer Science, 2007, , 162-170.	1.3	2
47	Enhancing Short Text Retrieval in Databases. Lecture Notes in Computer Science, 2006, , 613-624.	1.3	9
48	An Overview of Alternative Rule Evaluation Criteria and Their Use in Separate-and-Conquer Classifiers. Lecture Notes in Computer Science, 2006, , 591-600.	1.3	2
49	Development of applications with fuzzy objects in modern programming platforms. International Journal of Intelligent Systems, 2005, 20, 1117-1136.	5.7	6
50	Lazy Types: Automating Dynamic Strategy Selection. IEEE Software, 2005, 22, 98-106.	1.8	2
51	A Framework to Build Fuzzy Object-Oriented Capabilities Over an Existing Database System. , 2005, , 177-205.		8
52	Building multi-way decision trees with numerical attributes. Information Sciences, 2004, 165, 73-90.	6.9	43
53	Complex object comparison in a fuzzy context. Information and Software Technology, 2003, 45, 431-444.	4.4	46
54	Fuzzy association rules: general model and applications. IEEE Transactions on Fuzzy Systems, 2003, 11, 214-225.	9.8	253

#	ARTICLE	IF	CITATIONS
55	Using Classical Object-Oriented Features to Build a Fuzzy O-O Database System. <i>Studies in Fuzziness and Soft Computing</i> , 2003, , 131-155.	0.8	5
56	Enabling Fuzzy Object Comparison in Modern Programming Platforms through Reflection. <i>Lecture Notes in Computer Science</i> , 2003, , 660-667.	1.3	2
57	Component-based data mining frameworks. <i>Communications of the ACM</i> , 2002, 45, 97-100.	4.5	21
58	A Methodology to Improve Object Oriented Database Systems with Fuzzy Types. <i>Studies in Fuzziness and Soft Computing</i> , 2002, , 391-404.	0.8	0
59	A strategy for adding fuzzy types to an object-oriented database system. <i>International Journal of Intelligent Systems</i> , 2001, 16, 863-880.	5.7	36
60	TBAR: An efficient method for association rule mining in relational databases. <i>Data and Knowledge Engineering</i> , 2001, 37, 47-64.	3.4	79
61	An Extension of Data Description Language (DDL) for Fuzzy Data Handling. , 2001, , 54-64.		1
62	Fuzzy types: A new concept of type for managing vague structures. <i>International Journal of Intelligent Systems</i> , 2000, 15, 1061-1085.	5.7	39
63	Fuzzy types: softening structures. , 0, , .		3
64	Softening the object-oriented database model: imprecision, uncertainty, and fuzzy types. , 0, , .		8
65	Problems of fuzzy queries involving aggregation functions: the "select count" case. , 0, , .		1
66	Objects resemblance in a fuzzy object-oriented context. , 0, , .		3
67	Fuzzy Knowledge Representation for Linguistic Description of Time Series. , 0, , .		2
68	Context-Aware Fuzzy Databases: An application. , 0, , .		0