# Juan-Carlos Cubero

## List of Publications by Year
in descending order

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|---|---|---|---|
| **50**<br>papers | **1,136**<br>citations | 567281<br>**15**<br>h-index | 414414<br>**32**<br>g-index |
| **56**<br>all docs | **56**<br>docs citations | **56**<br>times ranked | **806**<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | A Survey of Link Prediction in Complex Networks. ACM Computing Surveys, 2017, 49, 1-33. | 23.0 | 374 |
| 2 | A new definition of fuzzy functional dependency in fuzzy relational databases. International Journal of Intelligent Systems, 1994, 9, 441-448. | 5.7 | 90 |
| 3 | TBAR: An efficient method for association rule mining in relational databases. Data and Knowledge Engineering, 2001, 37, 47-64. | 3.4 | 79 |
| 4 | Towards the implementation of a generalized fuzzy relational database model. Fuzzy Sets and Systems, 1995, 75, 273-289. | 2.7 | 63 |
| 5 | Data summarization in relational databases through fuzzy dependencies. Information Sciences, 1999, 121, 233-270. | 6.9 | 51 |
| 6 | AN ALTERNATIVE APPROACH TO DISCOVER GRADUAL DEPENDENCIES. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2007, 15, 559-570. | 1.9 | 47 |
| 7 | A conceptual approach for dealing with imprecision and uncertainty in object-based data models. International Journal of Intelligent Systems, 1998, 11, 791-806. | 5.7 | 45 |
| 8 | Building multi-way decision trees with numerical attributes. Information Sciences, 2004, 165, 73-90. | 6.9 | 43 |
| 9 | ART: A Hybrid Classification Model. Machine Learning, 2004, 54, 67-92. | 5.4 | 37 |
| 10 | Adaptive degree penalization for link prediction. Journal of Computational Science, 2016, 13, 1-9. | 2.9 | 30 |
| 11 | On the quest for easy-to-understand splitting rules. Data and Knowledge Engineering, 2003, 44, 31-48. | 3.4 | 25 |
| 12 | 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 |
| 13 | Relaxing the universal quantifier of the division in fuzzy relational databases. International Journal of Intelligent Systems, 2001, 16, 713-742. | 5.7 | 21 |
| 14 | Component-based data mining frameworks. Communications of the ACM, 2002, 45, 97-100. | 4.5 | 21 |
| 15 | Frequent tree pattern mining: A survey. Intelligent Data Analysis, 2010, 14, 603-622. | 0.9 | 21 |
| 16 | A logic approach to fuzzy relational databases. International Journal of Intelligent Systems, 1994, 9, 449-460. | 5.7 | 13 |
| 17 | FREDDI: A fuzzy RElational deductive database interface. International Journal of Intelligent Systems, 1997, 12, 597-613. | 5.7 | 13 |
| 18 | Relational decomposition through partial functional dependencies. Data and Knowledge Engineering, 2002, 43, 207-234. | 3.4 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | POTMiner: mining ordered, unordered, and partially-ordered trees. Knowledge and Information Systems, 2010, 23, 199-224. | 3.2 | 12 |
| 20 | Fuzzy loss less decompositions in databases. Fuzzy Sets and Systems, 1998, 97, 145-167. | 2.7 | 11 |
| 21 | Using trees to mine multirelational databases. Data Mining and Knowledge Discovery, 2012, 24, 1-39. | 3.7 | 10 |
| 22 | DEALING WITH DISJUNCTIVE AND MISSING INFORMATION IN LOGIC FUZZY DATABASES. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 1996, 04, 177-201. | 1.9 | 9 |
| 23 | Weak and strong resemblance in fuzzy functional dependencies. , 0, , . | | 8 |
| 24 | Soft computing: A new perspective for some data mining problems. New Astronomy Reviews, 1997, 41, 379-386. | 0.3 | 8 |
| 25 | Extensions of a resemblance relation. Fuzzy Sets and Systems, 1997, 86, 197-212. | 2.7 | 8 |
| 26 | The design and use of the TMiner component-based data mining framework. Expert Systems With Applications, 2009, 36, 7882-7887. | 7.6 | 8 |
| 27 | Mining Induced and Embedded Subtrees in Ordered, Unordered, and Partially-Ordered Trees. , 2008, , 111-120. | | 6 |
| 28 | ModelCC â€" A Pragmatic Parser Generator. International Journal of Software Engineering and Knowledge Engineering, 2014, 24, 1177-1195. | 0.8 | 4 |
| 29 | NOESIS: A Framework for Complex Network Data Analysis. Complexity, 2019, 2019, 1-14. | 1.6 | 4 |
| 30 | Non-transitive fuzzy dependencies (I). Fuzzy Sets and Systems, 1999, 106, 401-431. | 2.7 | 3 |
| 31 | Mining frequent patterns from XML data: Efficient algorithms and design trade-offs. Expert Systems With Applications, 2012, 39, 1134-1140. | 7.6 | 3 |
| 32 | Interestingness measures for association rules within groups. Intelligent Data Analysis, 2013, 17, 195-215. | 0.9 | 3 |
| 33 | Interestingness Measures for Association Rules within Groups. Communications in Computer and Information Science, 2010, , 298-307. | 0.5 | 3 |
| 34 | A Language Specification Tool for Model-Based Parsing. Lecture Notes in Computer Science, 2011, , 50-57. | 1.3 | 3 |
| 35 | Transitive fuzzy dependencies (II). Fuzzy Sets and Systems, 1999, 106, 433-448. | 2.7 | 2 |
| 36 | Lazy Types: Automating Dynamic Strategy Selection. IEEE Software, 2005, 22, 98-106. | 1.8 | 2 |

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|---|---------|-----|-----------|
| 37 | Class-Oriented Reduction of Decision Tree Complexity. , 2008, , 48-57. | | 2 |
| 38 | Hierarchical Program Representation for Program Element Matching. , 2007, , 467-476. | | 2 |
| 39 | Enabling Fuzzy Object Comparison in Modern Programming Platforms through Reflection. Lecture Notes in Computer Science, 2003, , 660-667. | 1.3 | 2 |
| 40 | 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 |
| 41 | Uncertain fuzzy values still in the framework of first-order logic. International Journal of Intelligent Systems, 2002, 17, 873-886. | 5.7 | 1 |
| 42 | Disambiguation of Semantic Relations Using Evidence Aggregation According to a Sense Inventory. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 2875-2887. | 5.7 | 1 |
| 43 | The NOESIS Open Source Framework for Network Data Mining. , 2015, , . | | 1 |
| 44 | Frequent Itemset Mining in Multirelational Databases. Lecture Notes in Computer Science, 2009, , 15-24. | 1.3 | 1 |
| 45 | FREDDI: A fuzzy RElational deductive database interface. International Journal of Intelligent Systems, 1997, 12, 597-613. | 5.7 | 1 |
| 46 | Taking class importance into account. , 2006, , . | | 0 |
| 47 | An Automorphic Distance Metric and Its Application to Node Embedding for Role Mining. Complexity, 2021, 2021, 1-17. | 1.6 | 0 |
| 48 | A Model-Based Multilingual Natural Language Parser â€" Implementing Chomskyâ€™s X-bar Theory in ModelCC. Lecture Notes in Computer Science, 2013, , 293-304. | 1.3 | 0 |
| 49 | The ModelCC Model-Driven Parser Generator. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 173, 56-70. | 0.8 | 0 |
| 50 | Taking Class Importance into Account. , 2007, , 1-10. | | 0 |