

Fernando Berzal

List of Publications by Year in descending order

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45
papers

1,077
citations

623734

14
h-index

414414

32
g-index

52
all docs

52
docs citations

52
times ranked

913
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	Measuring the accuracy and interest of association rules: A new framework. Intelligent Data Analysis, 2002, 6, 221-235.	0.9	124
3	TBAR: An efficient method for association rule mining in relational databases. Data and Knowledge Engineering, 2001, 37, 47-64.	3.4	79
4	Review of Data on the Web. SIGMOD Record, 2003, 32, 109-110.	1.2	78
5	AN ALTERNATIVE APPROACH TO DISCOVER GRADUAL DEPENDENCIES. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2007, 15, 559-570.	1.9	47
6	Building multi-way decision trees with numerical attributes. Information Sciences, 2004, 165, 73-90.	6.9	43
7	ART: A Hybrid Classification Model. Machine Learning, 2004, 54, 67-92.	5.4	37
8	Adaptive degree penalization for link prediction. Journal of Computational Science, 2016, 13, 1-9.	2.9	30
9	Managing fuzziness on conventional object-oriented platforms. International Journal of Intelligent Systems, 2007, 22, 781-803.	5.7	27
10	On the quest for easy-to-understand splitting rules. Data and Knowledge Engineering, 2003, 44, 31-48.	3.4	25
11	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
12	Component-based data mining frameworks. Communications of the ACM, 2002, 45, 97-100.	4.5	21
13	Frequent tree pattern mining: A survey. Intelligent Data Analysis, 2010, 14, 603-622.	0.9	21
14	A definition for fuzzy approximate dependencies. Fuzzy Sets and Systems, 2005, 149, 105-129.	2.7	18
15	Relational decomposition through partial functional dependencies. Data and Knowledge Engineering, 2002, 43, 207-234.	3.4	12
16	POTMiner: mining ordered, unordered, and partially-ordered trees. Knowledge and Information Systems, 2010, 23, 199-224.	3.2	12
17	Using trees to mine multirelational databases. Data Mining and Knowledge Discovery, 2012, 24, 1-39.	3.7	10
18	The design and use of the TMiner component-based data mining framework. Expert Systems With Applications, 2009, 36, 7882-7887.	7.6	8

#	ARTICLE	IF	CITATIONS
19	A Framework to Build Fuzzy Object-Oriented Capabilities Over an Existing Database System. , 2005, , 177-205.		8
20	Development of applications with fuzzy objects in modern programming platforms. International Journal of Intelligent Systems, 2005, 20, 1117-1136.	5.7	6
21	Mining Induced and Embedded Subtrees in Ordered, Unordered, and Partially-Ordered Trees. , 2008, , 111-120.		6
22	Mining transposed motifs in music. Journal of Intelligent Information Systems, 2011, 36, 99-115.	3.9	5
23	Using Classical Object-Oriented Features to Build a Fuzzy O-O Database System. Studies in Fuzziness and Soft Computing, 2003, , 131-155.	0.8	5
24	ModelCC " A Pragmatic Parser Generator. International Journal of Software Engineering and Knowledge Engineering, 2014, 24, 1177-1195.	0.8	4
25	NOESIS: A Framework for Complex Network Data Analysis. Complexity, 2019, 2019, 1-14.	1.6	4
26	Mining frequent patterns from XML data: Efficient algorithms and design trade-offs. Expert Systems With Applications, 2012, 39, 1134-1140.	7.6	3
27	Interestingness measures for association rules within groups. Intelligent Data Analysis, 2013, 17, 195-215.	0.9	3
28	A Language Specification Tool for Model-Based Parsing. Lecture Notes in Computer Science, 2011, , 50-57.	1.3	3
29	Lazy Types: Automating Dynamic Strategy Selection. IEEE Software, 2005, 22, 98-106.	1.8	2
30	TMiner aspects: Crosscutting concerns in the TMiner component-based data mining framework. Expert Systems With Applications, 2010, 37, 6675-6681.	7.6	2
31	Class-Oriented Reduction of Decision Tree Complexity. , 2008, , 48-57.		2
32	Hierarchical Program Representation for Program Element Matching. , 2007, , 467-476.		2
33	Enabling Fuzzy Object Comparison in Modern Programming Platforms through Reflection. Lecture Notes in Computer Science, 2003, , 660-667.	1.3	2
34	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
35	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
36	Fuzzy Object-Oriented Modelling with Metadata Attributes in C#. , 2005, , 253-262.		1

#	ARTICLE	IF	CITATIONS
37	Mining Musical Patterns: Identification of Transposed Motives. Lecture Notes in Computer Science, 2009, , 271-280.	1.3	1
38	The NOESIS Open Source Framework for Network Data Mining. , 2015, , .		1
39	Frequent Itemset Mining in Multirelational Databases. Lecture Notes in Computer Science, 2009, , 15-24.	1.3	1
40	Taking class importance into account. , 2006, , .		0
41	Structured parallel programming by Michael McCool, James Reinders & Arch Robison. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2013, 38, 35-39.	0.7	0
42	An Automorphic Distance Metric and Its Application to Node Embedding for Role Mining. Complexity, 2021, 2021, 1-17.	1.6	0
43	A Model-Based Multilingual Natural Language Parser " Implementing Chomsky's X-bar Theory in ModelCC. Lecture Notes in Computer Science, 2013, , 293-304.	1.3	0
44	The ModelCC Model-Driven Parser Generator. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 173, 56-70.	0.8	0
45	Taking Class Importance into Account. , 2007, , 1-10.		0