Javier G Castellano

List of Publications by Year
in descending order

28 papers	737 citations	759233 12 h-index	642732 23 g-index
29 all docs	29 docs citations	29 times ranked	749 citing authors

#	Article	IF	Citations
1	A comparative study on base classifiers in ensemble methods for credit scoring. Expert Systems With Applications, 2017, 73, 1-10.	7.6	171
2	Evolving RBF neural networks for time-series forecasting with EvRBF. Information Sciences, 2004, 165, 207-220.	6.9	88
3	Bayesian network learning algorithms using structural restrictions. International Journal of Approximate Reasoning, 2007, 45, 233-254.	3.3	88
4	A comparison of random forest based algorithms: random credal random forest versus oblique random forest. Soft Computing, 2019, 23, 10739-10754.	3.6	56
5	Learning Bayesian Network Classifiers: Searching in a Space of Partially Directed Acyclic Graphs. Machine Learning, 2005, 59, 213-235.	5.4	48
6	A Random Forest approach using imprecise probabilities. Knowledge-Based Systems, 2017, 134, 72-84.	7.1	44
7	Increasing diversity in random forest learning algorithm via imprecise probabilities. Expert Systems With Applications, 2018, 97, 228-243.	7.6	38
8	Analysis of Credal-C4.5 for classification in noisy domains. Expert Systems With Applications, 2016, 61, 314-326.	7.6	32
9	Decision Tree Ensemble Method for Analyzing Traffic Accidents of Novice Drivers in Urban Areas. Entropy, 2019, 21, 360.	2.2	31
10	Improving the Naive Bayes Classifier via a Quick Variable Selection Method Using Maximum of Entropy. Entropy, 2017, 19, 247.	2.2	30
11	Bagging of credal decision trees for imprecise classification. Expert Systems With Applications, 2020, 141, 112944.	7.6	30
12	AdaptativeCC4.5: Credal C4.5 with a rough class noise estimator. Expert Systems With Applications, 2018, 92, 363-379.	7.6	14
13	Ensemble of classifier chains and Credal C4.5 for solving multi-label classification. Progress in Artificial Intelligence, 2019, 8, 195-213.	2.4	12
14	Bayesian networks classifiers for gene-expression data. , 2011, , .		10
15	A New Robust Classifier on Noise Domains: Bagging of Credal C4.5 Trees. Complexity, 2017, 2017, 1-17.	1.6	8
16	Combining gene expression data and prior knowledge for inferring gene regulatory networks via Bayesian networks using structural restrictions. Statistical Applications in Genetics and Molecular Biology, 2019, 18, .	0.6	6
17	Non-parametric predictive inference for solving multi-label classification. Applied Soft Computing Journal, 2020, 88, 106011.	7.2	6
18	Using Credal C4.5 for Calibrated Label Ranking in Multi-Label Classification. International Journal of Approximate Reasoning, 2022, 147, 60-77.	3.3	6

#	Article	IF	Citations
19	Extraction of decision rules via imprecise probabilities. International Journal of General Systems, 2017, 46, 313-331.	2.5	5
20	Using Credal-C4.5 with Binary Relevance for Multi-Label Classification. Journal of Intelligent and Fuzzy Systems, 2018, 35, 6501-6512.	1.4	5
21	Selective Gaussian NaÃ¯ve Bayes Model for Diffuse Large-B-Cell Lymphoma Classification: Some Improvements in Preprocessing and Variable Elimination. Lecture Notes in Computer Science, 2005, , 908-920.	1.3	4
22	On the Use of m-Probability-Estimation and Imprecise Probabilities in the NaÃ¯ve Bayes Classifier. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2020, 28, 661-682.	1.9	2
23	A Decision Support Tool for Credit Domains: Bayesian Network with a Variable Selector Based on Imprecise Probabilities. International Journal of Fuzzy Systems, 0, , 1.	4.0	1
24	Using Imprecise Probabilities to Extract Decision Rules via Decision Trees for Analysis of Traffic Accidents. Lecture Notes in Computer Science, 2014, , 288-298.	1.3	1
25	On the Use of Restrictions for Learning Bayesian Networks. Lecture Notes in Computer Science, 2005, , 174-185.	1.3	0
26	Credal C4.5 with Refinement ofÂParameters. Communications in Computer and Information Science, 2018, , 739-747.	0.5	0
27	Using extreme prior probabilities on the Naive Credal Classifier. Knowledge-Based Systems, 2021, 237, 107707.	7.1	0
28	A new label ordering method in Classifier Chains based on imprecise probabilities. Neurocomputing, 2022, 487, 34-45.	5.9	0