

# Javier G Castellano

## List of Publications by Year in descending order

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28  
papers

737  
citations

759055

12  
h-index

642610

23  
g-index

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29  
docs citations

29  
times ranked

749  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new label ordering method in Classifier Chains based on imprecise probabilities. <i>Neurocomputing</i> , 2022, 487, 34-45.	3.5	0
2	Using Credal C4.5 for Calibrated Label Ranking in Multi-Label Classification. <i>International Journal of Approximate Reasoning</i> , 2022, 147, 60-77.	1.9	6
3	Using extreme prior probabilities on the Naive Credal Classifier. <i>Knowledge-Based Systems</i> , 2021, 237, 107707.	4.0	0
4	Bagging of credal decision trees for imprecise classification. <i>Expert Systems With Applications</i> , 2020, 141, 112944.	4.4	30
5	Non-parametric predictive inference for solving multi-label classification. <i>Applied Soft Computing Journal</i> , 2020, 88, 106011.	4.1	6
6	On the Use of m-Probability-Estimation and Imprecise Probabilities in the Naïve Bayes Classifier. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2020, 28, 661-682.	0.9	2
7	Decision Tree Ensemble Method for Analyzing Traffic Accidents of Novice Drivers in Urban Areas. <i>Entropy</i> , 2019, 21, 360.	1.1	31
8	Combining gene expression data and prior knowledge for inferring gene regulatory networks via Bayesian networks using structural restrictions. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2019, 18, .	0.2	6
9	A comparison of random forest based algorithms: random credal random forest versus oblique random forest. <i>Soft Computing</i> , 2019, 23, 10739-10754.	2.1	56
10	Ensemble of classifier chains and Credal C4.5 for solving multi-label classification. <i>Progress in Artificial Intelligence</i> , 2019, 8, 195-213.	1.5	12
11	Increasing diversity in random forest learning algorithm via imprecise probabilities. <i>Expert Systems With Applications</i> , 2018, 97, 228-243.	4.4	38
12	AdaptativeCC4.5: Credal C4.5 with a rough class noise estimator. <i>Expert Systems With Applications</i> , 2018, 92, 363-379.	4.4	14
13	Using Credal-C4.5 with Binary Relevance for Multi-Label Classification. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018, 35, 6501-6512.	0.8	5
14	Credal C4.5 with Refinement of Parameters. <i>Communications in Computer and Information Science</i> , 2018, , 739-747.	0.4	0
15	A comparative study on base classifiers in ensemble methods for credit scoring. <i>Expert Systems With Applications</i> , 2017, 73, 1-10.	4.4	171
16	Extraction of decision rules via imprecise probabilities. <i>International Journal of General Systems</i> , 2017, 46, 313-331.	1.2	5
17	A Random Forest approach using imprecise probabilities. <i>Knowledge-Based Systems</i> , 2017, 134, 72-84.	4.0	44
18	Improving the Naive Bayes Classifier via a Quick Variable Selection Method Using Maximum of Entropy. <i>Entropy</i> , 2017, 19, 247.	1.1	30

#	ARTICLE	IF	CITATIONS
19	A New Robust Classifier on Noise Domains: Bagging of Credal C4.5 Trees. Complexity, 2017, 2017, 1-17.	0.9	8
20	Analysis of Credal-C4.5 for classification in noisy domains. Expert Systems With Applications, 2016, 61, 314-326.	4.4	32
21	Using Imprecise Probabilities to Extract Decision Rules via Decision Trees for Analysis of Traffic Accidents. Lecture Notes in Computer Science, 2014, , 288-298.	1.0	1
22	Bayesian networks classifiers for gene-expression data. , 2011, , .		10
23	Bayesian network learning algorithms using structural restrictions. International Journal of Approximate Reasoning, 2007, 45, 233-254.	1.9	88
24	Selective Gaussian Naïve Bayes Model for Diffuse Large-B-Cell Lymphoma Classification: Some Improvements in Preprocessing and Variable Elimination. Lecture Notes in Computer Science, 2005, , 908-920.	1.0	4
25	On the Use of Restrictions for Learning Bayesian Networks. Lecture Notes in Computer Science, 2005, , 174-185.	1.0	0
26	Learning Bayesian Network Classifiers: Searching in a Space of Partially Directed Acyclic Graphs. Machine Learning, 2005, 59, 213-235.	3.4	48
27	Evolving RBF neural networks for time-series forecasting with EvRBF. Information Sciences, 2004, 165, 207-220.	4.0	88
28	A Decision Support Tool for Credit Domains: Bayesian Network with a Variable Selector Based on Imprecise Probabilities. International Journal of Fuzzy Systems, 0, , 1.	2.3	1