Gonzalo

List of Publications by Year in descending order

38 papers	1,662 citations	567144 15 h-index	526166 27 g-index
38 all docs	38 docs citations	38 times ranked	1201 citing authors

#	Article	IF	Citations
1	Building heterogeneous ensembles by pooling homogeneous ensembles. International Journal of Machine Learning and Cybernetics, 2022, 13, 551-558.	2.3	10
2	An analysis of heuristic metrics for classifier ensemble pruning based on ordered aggregation. Pattern Recognition, 2022, 124, 108493.	5.1	10
3	A machine learning model to assess the ecosystem response to water policy measures in the Tagus River Basin (Spain). Science of the Total Environment, 2021, 750, 141252.	3.9	16
4	A comparative analysis of gradient boosting algorithms. Artificial Intelligence Review, 2021, 54, 1937-1967.	9.7	563
5	Identifying Cheating Users in Online Courses. , 2020, , .		8
6	A two-stage ensemble method for the detection of class-label noise. Neurocomputing, 2018, 275, 2374-2383.	3.5	22
7	Using Bag-of-Little Bootstraps for Efficient Ensemble Learning. Lecture Notes in Computer Science, 2018, , 538-545.	1.0	0
8	Randomization vs Optimization in SVM Ensembles. Lecture Notes in Computer Science, 2018, , 415-421.	1.0	3
9	Vote-boosting ensembles. Pattern Recognition, 2018, 83, 119-133.	5.1	40
10	Analysing Event Transitions to Discover Student Roles and Predict Grades in MOOCs. Lecture Notes in Computer Science, 2017, , 224-232.	1.0	5
11	Using a SPOC to flip the classroom. , 2015, , .		13
12	Small margin ensembles can be robust to class-label noise. Neurocomputing, 2015, 160, 18-33.	3.5	9
13	Special Issue on â€œSolving complex machine learning problems with ensemble methodsâ€. Neurocomputing, 2015, 150, 402-403.	3.5	0
14	A Double Pruning Scheme for Boosting Ensembles. IEEE Transactions on Cybernetics, 2014, 44, 2682-2695.	6.2	22
15	Cluster validation in problems with increasing dimensionality and unbalanced clusters. Neurocomputing, 2014, 123, 33-39.	3.5	6
16	How large should ensembles of classifiers be?. Pattern Recognition, 2013, 46, 1323-1336.	5.1	46
17	Engineering of silicon surfaces at the micro- and nanoscales for cell adhesion and migration control. International Journal of Nanomedicine, 2012, 7, 623.	3.3	13
18	A comparison of techniques for robust gender recognition. , 2011, , .		6

#	Article	IF	Citations
19	Controlled skeletal progenitor cell migration on nanostructured porous silicon/silicon micropatterns. Proceedings of SPIE, 2011, , .	0.8	0
20	Inference on the prediction of ensembles of infinite size. Pattern Recognition, 2011, 44, 1426-1434.	5.1	6
21	Empirical analysis and evaluation of approximate techniques for pruning regression bagging ensembles. Neurocomputing, 2011, 74, 2250-2264.	3.5	33
22	Out-of-bag estimation of the optimal sample size in bagging. Pattern Recognition, 2010, 43, 143-152.	5.1	100
23	Automated processing and identification of benthic invertebrate samples. Journal of the North American Benthological Society, 2010, 29, 867-874.	3.0	55
24	A Double Pruning Algorithm for Classification Ensembles. Lecture Notes in Computer Science, 2010, , 104-113.	1.0	7
25	Dictionary-free categorization of very similar objects via stacked evidence trees. , 2009, , .		31
26	An Analysis of Ensemble Pruning Techniques Based on Ordered Aggregation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 245-259.	9.7	255
27	Statistical Instance-Based Ensemble Pruning for Multi-class Problems. Lecture Notes in Computer Science, 2009, , 90-99.	1.0	3
28	Statistical Instance-Based Pruning in Ensembles of Independent Classifiers. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 364-369.	9.7	42
29	Dictionary-free categorization of very similar objects via stacked evidence trees. , 2009, , .		4
30	Class-switching neural network ensembles. Neurocomputing, 2008, 71, 2521-2528.	3.5	23
31	Using boosting to prune bagging ensembles. Pattern Recognition Letters, 2007, 28, 156-165.	2.6	100
32	Selection of Decision Stumps in Bagging Ensembles. Lecture Notes in Computer Science, 2007, , 319-328.	1.0	7
33	Out of Bootstrap Estimation of Generalization Error Curves in Bagging Ensembles. , 2007, , 47-56.		2
34	Pruning in ordered bagging ensembles. , 2006, , .		109
35	Building Ensembles of Neural Networks with Class-Switching. Lecture Notes in Computer Science, 2006, , 178-187.	1.0	3
36	Evaluation of Decision Tree Pruning with Subadditive Penalties. Lecture Notes in Computer Science, 2006, , 995-1002.	1.0	0

#	Article	IF	Citations
37	Switching class labels to generate classification ensembles. Pattern Recognition, 2005, 38, 1483-1494.	5.1	74
38	Using All Data to Generate Decision Tree Ensembles. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2004, 34, 393-397.	3.3	16