Gonzalo

List of Publications by Year
in descending order

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38	1,662	567144 15	526166 27
papers	citations	h-index	g-index

38	38	38	1201
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A comparative analysis of gradient boosting algorithms. Artificial Intelligence Review, 2021, 54, 1937-1967.	9.7	563
2	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
3	Pruning in ordered bagging ensembles. , 2006, , .		109
4	Using boosting to prune bagging ensembles. Pattern Recognition Letters, 2007, 28, 156-165.	2.6	100
5	Out-of-bag estimation of the optimal sample size in bagging. Pattern Recognition, 2010, 43, 143-152.	5.1	100
6	Switching class labels to generate classification ensembles. Pattern Recognition, 2005, 38, 1483-1494.	5.1	74
7	Automated processing and identification of benthic invertebrate samples. Journal of the North American Benthological Society, 2010, 29, 867-874.	3.0	55
8	How large should ensembles of classifiers be?. Pattern Recognition, 2013, 46, 1323-1336.	5.1	46
9	Statistical Instance-Based Pruning in Ensembles of Independent Classifiers. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 364-369.	9.7	42
10	Vote-boosting ensembles. Pattern Recognition, 2018, 83, 119-133.	5.1	40
11	Empirical analysis and evaluation of approximate techniques for pruning regression bagging ensembles. Neurocomputing, 2011, 74, 2250-2264.	3.5	33
12	Dictionary-free categorization of very similar objects via stacked evidence trees. , 2009, , .		31
13	Class-switching neural network ensembles. Neurocomputing, 2008, 71, 2521-2528.	3.5	23
14	A Double Pruning Scheme for Boosting Ensembles. IEEE Transactions on Cybernetics, 2014, 44, 2682-2695.	6.2	22
15	A two-stage ensemble method for the detection of class-label noise. Neurocomputing, 2018, 275, 2374-2383.	3.5	22
16	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
17	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
18	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

#	Article	IF	Citations
19	Using a SPOC to flip the classroom. , 2015, , .		13
20	Building heterogeneous ensembles by pooling homogeneous ensembles. International Journal of Machine Learning and Cybernetics, 2022, 13, 551-558.	2.3	10
21	An analysis of heuristic metrics for classifier ensemble pruning based on ordered aggregation. Pattern Recognition, 2022, 124, 108493.	5.1	10
22	Small margin ensembles can be robust to class-label noise. Neurocomputing, 2015, 160, 18-33.	3.5	9
23	Identifying Cheating Users in Online Courses. , 2020, , .		8
24	Selection of Decision Stumps in Bagging Ensembles. Lecture Notes in Computer Science, 2007, , 319-328.	1.0	7
25	A Double Pruning Algorithm for Classification Ensembles. Lecture Notes in Computer Science, 2010, , 104-113.	1.0	7
26	A comparison of techniques for robust gender recognition. , 2011, , .		6
27	Inference on the prediction of ensembles of infinite size. Pattern Recognition, 2011, 44, 1426-1434.	5.1	6
28	Cluster validation in problems with increasing dimensionality and unbalanced clusters. Neurocomputing, 2014, 123, 33-39.	3.5	6
29	Analysing Event Transitions to Discover Student Roles and Predict Grades in MOOCs. Lecture Notes in Computer Science, 2017, , 224-232.	1.0	5
30	Dictionary-free categorization of very similar objects via stacked evidence trees. , 2009, , .		4
31	Statistical Instance-Based Ensemble Pruning for Multi-class Problems. Lecture Notes in Computer Science, 2009, , 90-99.	1.0	3
32	Randomization vs Optimization in SVM Ensembles. Lecture Notes in Computer Science, 2018, , 415-421.	1.0	3
33	Building Ensembles of Neural Networks with Class-Switching. Lecture Notes in Computer Science, 2006, , 178-187.	1.0	3
34	Out of Bootstrap Estimation of Generalization Error Curves in Bagging Ensembles. , 2007, , 47-56.		2
35	Controlled skeletal progenitor cell migration on nanostructured porous silicon/silicon micropatterns. Proceedings of SPIE, 2011, , .	0.8	0
36	Special Issue on â€œSolving complex machine learning problems with ensemble methodsâ€• Neurocomputing, 2015, 150, 402-403.	3.5	0

#	Article	IF	Citations
37	Using Bag-of-Little Bootstraps for Efficient Ensemble Learning. Lecture Notes in Computer Science, 2018, , 538-545.	1.0	0
38	Evaluation of Decision Tree Pruning with Subadditive Penalties. Lecture Notes in Computer Science, 2006, , 995-1002.	1.0	0