Aritz Pérez

List of Publications by Year
in descending order

37	2,633	623734	477307
papers	citations	14	29
		h-index	g-index
38	38	38	3838
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitivity Analysis of k-Fold Cross Validation in Prediction Error Estimation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 569-575.	13.9	1,232
2	Machine learning in bioinformatics. Briefings in Bioinformatics, 2006, 7, 86-112.	6.5	674
3	An efficient approximation to the K-means clustering for massive data. Knowledge-Based Systems, 2017, 117, 56-69.	7.1	163
4	Bayesian classifiers based on kernel density estimation: Flexible classifiers. International Journal of Approximate Reasoning, 2009, 50, 341-362.	3.3	117
5	Supervised classification with conditional Gaussian networks: Increasing the structure complexity from naive Bayes. International Journal of Approximate Reasoning, 2006, 43, 1-25.	3.3	95
6	Fish recruitment prediction, using robust supervised classification methods. Ecological Modelling, 2010, 221, 338-352.	2.5	58
7	An efficient K-means clustering algorithm for tall data. Data Mining and Knowledge Discovery, 2020, 34, 776-811.	3.7	36
8	Supervised pre-processing approaches in multiple class variables classification for fish recruitment forecasting. Environmental Modelling and Software, 2013, 40, 245-254.	4.5	29
9	Using Multidimensional Bayesian Network Classifiers to Assist the Treatment of Multiple Sclerosis. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 1705-1715.	2.9	27
10	A general framework for the statistical analysis of the sources of variance for classification error estimators. Pattern Recognition, 2013, 46, 855-864.	8.1	24
11	Evaluating machine-learning techniques for recruitment forecasting of seven North East Atlantic fish species. Ecological Informatics, 2015, 25, 35-42.	5.2	18
12	A Cheap Feature Selection Approach for the <i>K</i>-Means Algorithm. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2195-2208.	11.3	18
13	HOW TRUSTWORTHY IS CRAFTYâ€™S ANALYSIS OF WORLD CHESS CHAMPIONS?. ICGA Journal, 2008, 31, 131-144.	0.3	16
14	On-line Elastic Similarity Measures for time series. Pattern Recognition, 2019, 88, 506-517.	8.1	15
15	The potential use of a Gadget model to predict stock responses to climate change in combination with Bayesian networks: the case of Bay of Biscay anchovy. ICES Journal of Marine Science, 2011, 68, 1257-1269.	2.5	13
16	On-Line Dynamic Time Warping for Streaming Time Series. Lecture Notes in Computer Science, 2017, , 591-605.	1.3	12
17	An efficient Split-Merge re-start for the K-means algorithm. IEEE Transactions on Knowledge and Data Engineering, 2020, , , 1-1.	5.7	12
18	Robust image classification against adversarial attacks using elastic similarity measures between edge count sequences. Neural Networks, 2020, 128, 61-72.	5.9	12

#	Article	IF	Citations
19	Adversarial Sample Crafting for Time Series Classification with Elastic Similarity Measures. Studies in Computational Intelligence, 2018, , 26-39.	0.9	11
20	Kernels of Mallows Models under the Hamming Distance for solving the Quadratic Assignment Problem. Swarm and Evolutionary Computation, 2020, 59, 100740.	8.1	7
21	Supervised non-parametric discretization based on Kernel density estimation. Pattern Recognition Letters, 2019, 128, 496-504.	4.2	6
22	A machine learning approach to predict healthcare cost of breast cancer patients. Scientific Reports, 2021, 11, 12441.	3.3	6
23	Identifying common treatments from Electronic Health Records with missing information. An application to breast cancer. PLoS ONE, 2020, 15, e0244004.	2.5	5
24	Statistical model for reproducibility in ranking-based feature selection. Knowledge and Information Systems, 2021, 63, 379-410.	3.2	4
25	K-means for Evolving Data Streams. , 2021, , .		4
26	Efficient approximation of probability distributions with k-order decomposable models. International Journal of Approximate Reasoning, 2016, 74, 58-87.	3.3	3
27	On the evaluation and selection of classifier learning algorithms with crowdsourced data. Applied Soft Computing Journal, 2019, 80, 832-844.	7.2	3
28	Generalized Maximum Entropy for Supervised Classification. IEEE Transactions on Information Theory, 2022, 68, 2530-2550.	2.4	3
29	An active adaptation strategy for streaming time series classification based on elastic similarity measures. Neural Computing and Applications, 2022, 34, 13237-13252.	5.6	3
30	An adaptive neuroevolution-based hyperheuristic. , 2020, , .		2
31	Nature-inspired approaches for distance metric learning in multivariate time series classification. , 2017, , .		1
32	Are the Artificially Generated Instances Uniform in Terms of Difficulty?. , 2018, , .		1
33	Crowd Learning with Candidate Labeling: An EM-Based Solution. Lecture Notes in Computer Science, 2018, , 13-23.	1.3	1
34	Approaching the quadratic assignment problem with kernels of mallows models under the hamming distance. , 2019, , .		1
35	Comparing two samples through stochastic dominance: a graphical approach. Journal of Computational and Graphical Statistics, 0, , 1-38.	1.7	1
36	Learning Maximum Weighted (k+1)-Order Decomposable Graphs by Integer Linear Programming. Lecture Notes in Computer Science, 2014, , 396-408.	1.3	0

#	Article	IF	Citations
37	Are the statistical tests the best way to deal with the biomarker selection problem?. Knowledge and Information Systems, 0, , 1.	3.2	0