Marcilio C P De Souto

List of Publications by Year
in descending order

31 papers	685 citations	1307594 7 h-index	940533 16 g-index
34 all docs	34 docs citations	34 times ranked	773 citing authors

#	Article	IF	Citations
1	Clustering cancer gene expression data: a comparative study. BMC Bioinformatics, 2008, 9, 497.	2.6	334
2	Impact of missing data imputation methods on gene expression clustering and classification. BMC Bioinformatics, 2015, 16, 64.	2.6	70
3	Ranking and selecting clustering algorithms using a meta-learning approach. , 2008, , .		53
4	Comparative analysis of clustering methods for gene expression time course data. Genetics and Molecular Biology, 2004, 27, 623-631.	1.3	52
5	Comparative study on normalization procedures for cluster analysis of gene expression datasets. , 2008, , .		25
6	Equivalence Between RAM-Based Neural Networks and Probabilistic Automata. IEEE Transactions on Neural Networks, 2005, 16, 996-999.	4.2	16
7	Selecting Machine Learning Algorithms Using the Ranking Meta-Learning Approach. Studies in Computational Intelligence, 2011, , 225-243.	0.9	16
8	Mining Rules for the Automatic Selection Process of Clustering Methods Applied to Cancer Gene Expression Data. Lecture Notes in Computer Science, 2009, , 20-29.	1.3	15
9	Use of multi-objective genetic algorithms to investigate the diversity/accuracy dilemma in heterogeneous ensembles. , 2009, , .		14
10	Empirical comparison of Dynamic Classifier Selection methods based on diversity and accuracy for building ensembles. , 2008, , .		13
11	Classifier Recommendation Using Data Complexity Measures. , 2018, , .		13
12	Complexity measures of supervised classifications tasks: A case study for cancer gene expression data. , 2010, , .		11
13	A Comparative Analysis of Feature Selection Methods for Ensembles with Different Combination Methods. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	10
14	Multi-Objective Clustering Ensemble with Prior Knowledge. Lecture Notes in Computer Science, 2007, , 34-45.	1.3	8
15	On Measuring the Complexity of Classification Problems. Lecture Notes in Computer Science, 2015, , 158-167.	1.3	7
16	An Empirical Analysis of Under-Sampling Techniques to Balance a Protein Structural Class Dataset. Lecture Notes in Computer Science, 2006, , 21-29.	1.3	6
17	Machine Learning Techniques for Predicting Bacillus subtilis Promoters. Lecture Notes in Computer Science, 2005, , 77-84.	1.3	5
18	Using Supervised Complexity Measures in the Analysis of Cancer Gene Expression Data Sets. Lecture Notes in Computer Science, 2009, , 48-59.	1.3	5

#	Article	IF	Citations
19	Evaluation of the Contents of Partitions Obtained with Clustering Gene Expression Data. Lecture Notes in Computer Science, 2005, , 65-76.	1.3	3
20	The diversity/accuracy dilemma: An empirical analysis in the context of heterogeneous ensembles. , 2009, , .		3
21	A tool to implement probabilistic automata in RAM-based neural networks. , 2011, , .		1
22	Issues on sampling negative examples for predicting prokaryotic promoters. , 2014, , .		1
23	Impact of Base Partitions on Multi-objective and Traditional Ensemble Clustering Algorithms. Lecture Notes in Computer Science, 2015, , 696-704.	1.3	1
24	Simulated Annealing and Tabu Search for Optimization of Neural Networks. Studies in Classification, Data Analysis, and Knowledge Organization, 2003, , 510-518.	0.2	1
25	Investigating the Use of an Evolutionary Agent-based System for Classification Tasks. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	0
26	Guest Editorial for Special Section on BSB 2012. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2013, 10, 817-818.	3.0	0
27	PVis &#x2014; Partitions' visualizer: Extracting knowledge by visualizing a collection of partitions. , 2014, , .		0
28	Interpreting multivariate membership degrees of fuzzy clustering methods: A strategy. , 2017, , .		0
29	Individual Clustering and Homogeneous Cluster Ensemble Approaches Applied to Gene Expression Data. Lecture Notes in Computer Science, 2005, , 930-933.	1.3	0
30	Validating Gene Clusterings by Selecting Informative Gene Ontology Terms with Mutual Information. Lecture Notes in Computer Science, 2007, , 81-92.	1.3	0
31	Multi-objective Clustering: A Data-Driven Analysis of MOCLE, MOCK and $varDelta$-MOCK. Communications in Computer and Information Science, 2021, , 46-54.	0.5	0