Andre de Carvalho

List of Publications by Year in Descending Order

339 papers	5,214 citations	33 h-index	60 g-index
429 ext. papers	6,449 ext. citations	3.3 avg, IF	6.16 L-index

#	Paper	IF	Citations
339	Meta-features for meta-learning. *Knowledge-Based Systems*, **2022**, 240, 108101	7.3	4
338	Using meta-learning for multi-target regression. *Information Sciences*, **2022**, 584, 665-684	7.7	1
337	UlyssesNER-Br: A Corpus of Brazilian Legislative Documents for Named Entity Recognition. *Lecture Notes in Computer Science*, **2022**, 3-14	0.9	2
336	Time-Series in Hyper-parameter Initialization of Machine Learning Techniques. *Lecture Notes in Computer Science*, **2021**, 246-258	0.9	
335	MathPIP: Classification of Proinflammatory Peptides Using Mathematical Descriptors. *Lecture Notes in Computer Science*, **2021**, 131-136	0.9	1
334	Evaluating Clustering Meta-features for Classifier Recommendation. *Lecture Notes in Computer Science*, **2021**, 453-467	0.9	1
333	Feature Importance Analysis of Non-coding DNA/RNA Sequences Based on Machine Learning Approaches. *Lecture Notes in Computer Science*, **2021**, 81-92	0.9	0
332	Casboundary: automated definition of integral Cas cassettes. *Bioinformatics*, **2021**, 37, 1352-1359	7.2	2
331	Inteligência Artificial: riscos, benefícios e uso responsável. *Estudos Avancados*, **2021**, 35, 21-36	0.6	0
330	Using dynamical quantization to perform split attempts in online tree regressors. *Pattern Recognition Letters*, **2021**, 145, 37-42	4.7	1
329	An ensemble of autonomous auto-encoders for human activity recognition. *Neurocomputing*, **2021**, 439, 271-280	5.4	16
328	CRISPRloci: comprehensive and accurate annotation of CRISPR-Cas systems. *Nucleic Acids Research*, **2021**, 49, W125-W130	20.1	4
327	DropLeaf: A precision farming smartphone tool for real-time quantification of pesticide application coverage. *Computers and Electronics in Agriculture*, **2021**, 180, 105906	6.5	3
326	HumanMetagenomeDB: a public repository of curated and standardized metadata for human metagenomes. *Nucleic Acids Research*, **2021**, 49, D743-D750	20.1	4
325	Assessing the data complexity of imbalanced datasets. *Information Sciences*, **2021**, 553, 83-109	7.7	7
324	Evaluate Pseudo Labeling and CNN for Multi-variate Time Series Classification in Low-Data Regimes. *Lecture Notes in Computer Science*, **2021**, 126-137	0.9	1
323	A Study of the Correlation of Metafeatures Used for Metalearning. *Lecture Notes in Computer Science*, **2021**, 471-483	0.9	1

322	Feature extraction approaches for biological sequences: a comparative study of mathematical features. *Briefings in Bioinformatics*, **2021**, 22,	13.4	4
321	Micro-MetaStream: Algorithm selection for time-changing data. *Information Sciences*, **2021**, 565, 262-277	7.7	3
320	Predicting and interpreting oxide glass properties by machine learning using large datasets. *Ceramics International*, **2021**, 47, 23958-23972	5.1	2
319	Detection of a SARS-CoV-2 sequence with genosensors using data analysis based on information visualization and machine learning techniques. *Materials Chemistry Frontiers*, **2021**, 5, 5658-5670	7.8	8
318	SmartSORT: an MLP-based method for tracking multiple objects in real-time. *Journal of Real-Time Image Processing*, **2021**, 18, 913-921	1.9	0
317	CRISPRcasIdentifier: Machine learning for accurate identification and classification of CRISPR-Cas systems. *GigaScience*, **2020**, 9,	7.6	11
316	An empirical analysis of binary transformation strategies and base algorithms for multi-label learning. *Machine Learning*, **2020**, 109, 1509-1563	4	6
315	A Meta-learning approach for recommending the number of clusters for clustering algorithms. *Knowledge-Based Systems*, **2020**, 195, 105682	7.3	10
314	Explainable Machine Learning Algorithms For Predicting Glass Transition Temperatures. *Acta Materialia*, **2020**, 188, 92-100	8.4	27
313	Multi-objective Basic Variable Neighborhood Search for Portfolio Selection. *Lecture Notes in Computer Science*, **2020**, 67-80	0.9	
312	Simulating Complexity Measures on Imbalanced Datasets. *Lecture Notes in Computer Science*, **2020**, 498-512	0.9	2
311	Gradient Boosting Machine and LSTM Network for Online Harassment Detection and Categorization in Social Media. *Communications in Computer and Information Science*, **2020**, 314-320	0.3	
310	Combining Mutation and Gene Network Data in a Machine Learning Approach for False-Positive Cancer Driver Gene Discovery. *Lecture Notes in Computer Science*, **2020**, 81-92	0.9	1
309	Evaluation of Error Metrics for Meta-learning Label Definition in the Forecasting Task. *Lecture Notes in Computer Science*, **2020**, 397-409	0.9	
308	COVID-19 Mortality Underreporting in Brazil: Analysis of Data From Government Internet Portals. *Journal of Medical Internet Research*, **2020**, 22, e21413	7.6	26
307	Local Interpretation Methods to Machine Learning Using the Domain of the Feature Space. *Communications in Computer and Information Science*, **2020**, 241-252	0.3	0
306	2CS: Correlation-Guided Split Candidate Selection in Hoeffding Tree Regressors. *Lecture Notes in Computer Science*, **2020**, 337-351	0.9	1
305	A Novel Decomposing Model With Evolutionary Algorithms for Feature Selection in Long Non-Coding RNAs. *IEEE Access*, **2020**, 8, 181683-181697	3.5	4

304	Boosting meta-learning with simulated data complexity measures. *Intelligent Data Analysis*, **2020**, 24, 1011-1028	1.1	3
303	Characterizing the Impact of Social Inequality on COVID-19 Propagation in Developing Countries. *IEEE Access*, **2020**, 8, 172563-172580	3.5	5
302	An extensive experimental evaluation of automated machine learning methods for recommending classification algorithms. *Evolutionary Intelligence*, **2020**, 1	1.7	2
301	Ensemble of Classifiers Based on Multiobjective Genetic Sampling for Imbalanced Data. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 32, 1104-1115	4.2	27
300	A Study on Hyperparameter Configuration for Human Activity Recognition. *Advances in Intelligent Systems and Computing*, **2020**, 47-56	0.4	2
299	An intelligent and generic approach for detecting human emotions: a case study with facial expressions. *Soft Computing*, **2020**, 24, 8467-8479	3.5	3
298	Adaptive Biometric Systems. *ACM Computing Surveys*, **2019**, 52, 1-38	13.4	7
297	Inducing Hierarchical Multi-label Classification rules with Genetic Algorithms. *Applied Soft Computing Journal*, **2019**, 77, 584-604	7.5	10
296	Improving Portfolio Optimization Using Weighted Link Prediction in Dynamic Stock Networks. *Lecture Notes in Computer Science*, **2019**, 340-353	0.9	
295	A meta-learning recommender system for hyperparameter tuning: Predicting when tuning improves SVM classifiers. *Information Sciences*, **2019**, 501, 193-221	7.7	22
294	Evolutionary inversion of class distribution in overlapping areas for multi-class imbalanced learning. *Information Sciences*, **2019**, 494, 141-154	7.7	20
293	Anomaly Detection in Sequential Data: Principles and Case Studies **2019**, 1-14		4
292	Machine learning meets genome assembly. *Briefings in Bioinformatics*, **2019**, 20, 2116-2129	13.4	7
291	Experimental correlation analysis of bicluster coherence measures and gene ontology information. *Applied Soft Computing Journal*, **2019**, 85, 105688	7.5	1
290	Reconstructing commuters network using machine learning and urban indicators. *Scientific Reports*, **2019**, 9, 11801	4.9	12
289	A meta-learning approach for selecting image segmentation algorithm. *Pattern Recognition Letters*, **2019**, 128, 480-487	4.7	11
288	The utiml Package: Multi-label Classification in R. *R Journal*, **2019**, 10, 24	3.3	7
287	Feature-Based Time Series Classification for Service Request Opening Prediction in the Telecom Industry. *Lecture Notes in Computer Science*, **2019**, 120-132	0.9	

286	Online Clustering for Novelty Detection and Concept Drift in Data Streams. *Lecture Notes in Computer Science*, **2019**, 448-459	0.9	3
285	Improving the AHT in Telecommunication Companies by Automatic Modeling of Call Center Service. *Lecture Notes in Computer Science*, **2019**, 96-107	0.9	1
284	Ensemble Clustering for Novelty Detection in Data Streams. *Lecture Notes in Computer Science*, **2019**, 460-470	0.9	1
283	A non-negative matrix factorization approach to update communities in temporal networks using node features **2019**,		1
282	The Influence of Sampling on Imbalanced Data Classification **2019**,		1
281	Unsupervised Meta-Learning for Clustering Algorithm Recommendation **2019**,		2
280	Explainable Machine Learning for Breast Cancer Diagnosis **2019**,		4
279	Selecting the Most Relevant Features for the Identification of Long Non-Coding RNAs in Plants **2019**,		2
278	A new data characterization for selecting clustering algorithms using meta-learning. *Information Sciences*, **2019**, 477, 203-219	7.7	23
277	New label noise injection methods for the evaluation of noise filters. *Knowledge-Based Systems*, **2019**, 163, 693-704	7.3	14
276	Empirical investigation of active learning strategies. *Neurocomputing*, **2019**, 326-327, 15-27	5.4	11
275	Adaptive Biometric Systems using Ensembles. *IEEE Intelligent Systems*, **2018**, 33, 19-28	4.2	8
274	Metalearning and Recommender Systems: A literature review and empirical study on the algorithm selection problem for Collaborative Filtering. *Information Sciences*, **2018**, 423, 128-144	7.7	41
273	A label ranking approach for selecting rankings of collaborative filtering algorithms **2018**,		5
272	Enhancing multilabel classification for food truck recommendation. *Expert Systems*, **2018**, 35, e12304	2.1	2
271	An online adaptive classifier ensemble for mining non-stationary data streams. *Intelligent Data Analysis*, **2018**, 22, 787-806	1.1	4
270	Predicting glass transition temperatures using neural networks. *Acta Materialia*, **2018**, 159, 249-256	8.4	70
269	Preprocessing Technique for Cluster Editing via Integer Linear Programming. *Lecture Notes in Computer Science*, **2018**, 287-297	0.9	

268	**2018**,		12
267	**2018**,		5
266	Making Data Stream Classification Tree-Based Ensembles Lighter **2018**,		3
265	A Cluster-Based Prototype Reduction for Online Classification. *Lecture Notes in Computer Science*, **2018**, 603-610	0.9	3
264	Unsupervised Domain Adaptation for Human Activity Recognition. *Lecture Notes in Computer Science*, **2018**, 623-630	0.9	1
263	CF4CF **2018**,		5
262	A smartphone application to measure the quality of pest control spraying machines via image analysis **2018**,		4
261	Data Complexity Measures for Imbalanced Classification Tasks **2018**,		11
260	Multi-label Feature Selection Techniques for Hierarchical Multi-label Protein Function Prediction **2018**,		3
259	(S^2FS): Single Score Feature Selection Applied to the Problem of Distinguishing Long Non-coding RNAs from Protein Coding Transcripts. *Lecture Notes in Computer Science*, **2018**, 103-113	0.9	
258	CF4CF-META: Hybrid Collaborative Filtering Algorithm Selection Framework. *Lecture Notes in Computer Science*, **2018**, 114-128	0.9	
257	Strict Very Fast Decision Tree: A memory conservative algorithm for data stream mining. *Pattern Recognition Letters*, **2018**, 116, 22-28	4.7	20
256	Evolutionary computing in recommender systems: a review of recent research. *Natural Computing*, **2017**, 16, 441-462	1.3	17
255	An adaptive approach for UAV-based pesticide spraying in dynamic environments. *Computers and Electronics in Agriculture*, **2017**, 138, 210-223	6.5	80
254	Deep learning for biological image classification. *Expert Systems With Applications*, **2017**, 85, 114-122	7.8	102
253	Adaptive algorithms applied to accelerometer biometrics in a data stream context. *Intelligent Data Analysis*, **2017**, 21, 353-370	1.1	5
252	Food Truck Recommendation Using Multi-label Classification. *Lecture Notes in Computer Science*, **2017**, 585-596	0.9	5
251	Metalearning for Context-aware Filtering **2017**,		5

250	Recommending Collaborative Filtering Algorithms Using Subsampling Landmarkers. *Lecture Notes in Computer Science*, **2017**, 189-203	0.9	3
249	Score normalization applied to adaptive biometric systems. *Computers and Security*, **2017**, 70, 565-580	4.9	4
248	A guidance of data stream characterization for meta-learning. *Intelligent Data Analysis*, **2017**, 21, 1015-1035	0.5	5
247	Intelligent-guided adaptive search for the maximum covering location problem. *Computers and Operations Research*, **2017**, 78, 129-137	4.6	16
246	A Machine Learning-Based Approach for Prediction of Plant Protection Product Deposition **2017**,		3
245	The NoiseFiltersR Package: Label Noise Preprocessing in R. *R Journal*, **2017**, 9, 219	3.3	6
244	Effects of Random Sampling on SVM Hyper-parameter Tuning. *Advances in Intelligent Systems and Computing*, **2017**, 268-278	0.4	3
243	Endowing a Content-Based Medical Image Retrieval System with Perceptual Similarity Using Ensemble Strategy. *Journal of Digital Imaging*, **2016**, 29, 22-37	5.3	15
242	Noise detection in the meta-learning level. *Neurocomputing*, **2016**, 176, 14-25	5.4	24
241	Ensembles of label noise filters: a ranking approach. *Data Mining and Knowledge Discovery*, **2016**, 30, 1192-1216	5.6	20
240	Reduction strategies for hierarchical multi-label classification in protein function prediction. *BMC Bioinformatics*, **2016**, 17, 373	3.6	42
239	Novelty detection in data streams. *Artificial Intelligence Review*, **2016**, 45, 235-269	9.7	45
238	MINAS: multiclass learning algorithm for novelty detection in data streams. *Data Mining and Knowledge Discovery*, **2016**, 30, 640-680	5.6	31
237	Fine-Tuning of UAV Control Rules for Spraying Pesticides on Crop Fields: An Approach for Dynamic Environments. *International Journal on Artificial Intelligence Tools*, **2016**, 25, 1660003	0.9	13
236	Automatic learning of pre-miRNAs from different species. *BMC Bioinformatics*, **2016**, 17, 224	3.6	5
235	DualRadviz: Preserving Context between Classification Evaluation and Data Exploration with RadViz **2016**,		1
234	Hyper-Parameter Tuning of a Decision Tree Induction Algorithm **2016**,		30
233	Meta-learning to select the best meta-heuristic for the Traveling Salesman Problem: A comparison of meta-features. *Neurocomputing*, **2016**, 205, 393-406	5.4	33

#	Reference		
214	An evolutionary sampling approach for classification with imbalanced data **2015**,		4
213	Adapting Noise Filters for Ranking **2015**,		2
212	Automatic Design of Decision-Tree Induction Algorithms. *SpringerBriefs in Computer Science*, **2015**,	0.4	30
211	Multi-objective optimization for plant germplasm collection conservation of genetic resources based on molecular variability. *Tree Genetics and Genomes*, **2015**, 11, 1	2.1	8
210	An Extensive Evaluation of Decision Tree‐Based Hierarchical Multilabel Classification Methods and Performance Measures. *Computational Intelligence*, **2015**, 31, 1-46	2.5	17
209	Multi-objective optimization in systematic conservation planning and the representation of genetic variability among populations. *Genetics and Molecular Research*, **2015**, 14, 6744-61	1.2	3
208	Decision-Tree Induction. *SpringerBriefs in Computer Science*, **2015**, 7-45	0.4	4
207	HEAD-DT: Automatic Design of Decision-Tree Algorithms. *SpringerBriefs in Computer Science*, **2015**, 59-76	0.4	1
206	Evolutionary Algorithms and Hyper-Heuristics. *SpringerBriefs in Computer Science*, **2015**, 47-58	0.4	1
205	HEAD-DT: Fitness Function Analysis. *SpringerBriefs in Computer Science*, **2015**, 141-170	0.4	
204	HEAD-DT: Experimental Analysis. *SpringerBriefs in Computer Science*, **2015**, 77-139	0.4	
203	International Joint Conference SOCO'13-CISIS'13-ICEUTE'13. *Advances in Intelligent Systems and Computing*, **2014**,	0.4	2
202	MetaStream: A meta-learning based method for periodic algorithm selection in time-changing data. *Neurocomputing*, **2014**, 127, 52-64	5.4	43
201	Evolutionary Design of Decision-Tree Algorithms Tailored to Microarray Gene Expression Data Sets. *IEEE Transactions on Evolutionary Computation*, **2014**, 18, 873-892	15.6	36
200	Recent trends in intelligent data analysis. *Neurocomputing*, **2014**, 126, 1-2	5.4	38
199	A hybrid meta-learning architecture for multi-objective optimization of SVM parameters. *Neurocomputing*, **2014**, 143, 27-43	5.4	22
198	Hybrid Artificial Intelligence Systems. *Lecture Notes in Computer Science*, **2014**,	0.9	2
197	Multi-objective optimization applied to systematic conservation planning and spatial conservation priorities under climate change **2014**,		1

178	Evaluation Methodology for Multiclass Novelty Detection Algorithms **2013**,		7
177	Predicting execution time of machine learning tasks for scheduling. *International Journal of Hybrid Intelligent Systems*, **2013**, 10, 23-32	0.9	3
176	Noisy Data Set Identification. *Lecture Notes in Computer Science*, **2013**, 629-638	0.9	5
175	Probabilistic Clustering for Hierarchical Multi-Label Classification of Protein Functions. *Lecture Notes in Computer Science*, **2013**, 385-400	0.9	5
174	Combining meta-learning and search techniques to select parameters for support vector machines. *Neurocomputing*, **2012**, 75, 3-13	5.4	77
173	Meta-Learning for Periodic Algorithm Selection in Time-Changing Data **2012**,		7
172	Combining Meta-Learning with Multi-objective Particle Swarm Algorithms for SVM Parameter Selection: An Experimental Analysis **2012**,		4
171	A Density-Based Clustering Approach for Behavior Change Detection in Data Streams **2012**,		3
170	Multi-objective optimization and Meta-learning for SVM parameter selection **2012**,		5
169	Automatic design of decision-tree induction algorithms tailored to flexible-receptor docking data. *BMC Bioinformatics*, **2012**, 13, 310	3.6	17
168	A Survey of Evolutionary Algorithms for Decision-Tree Induction. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2012**, 42, 291-312		170
167	Clus-DTI: improving decision-tree classification with a clustering-based decision-tree induction algorithm. *Journal of the Brazilian Computer Society*, **2012**, 18, 351-362	1.9	3
166	A genetic algorithm for Hierarchical Multi-Label Classification **2012**,		20
165	A hyper-heuristic evolutionary algorithm for automatically designing decision-tree algorithms **2012**,		19
164	Combining a multi-objective optimization approach with meta-learning for SVM parameter selection **2012**,		7
163	A hybrid heuristic for the k-medoids clustering problem **2012**,		1
162	A Study on Class Noise Detection and Elimination **2012**,		17
161	Improving the offline clustering stage of data stream algorithms in scenarios with variable number of clusters **2012**,		4

160	Evolutionary neural networks applied to keystroke dynamics: Genetic and immune based **2012**,		4
159	An Experimental Study of the Combination of Meta-Learning with Particle Swarm Algorithms for SVM Parameter Selection. *Lecture Notes in Computer Science*, **2012**, 562-575	0.9	6
158	A Meta-Learning Approach to Select Meta-Heuristics for the Traveling Salesman Problem Using MLP-Based Label Ranking. *Lecture Notes in Computer Science*, **2012**, 488-495	0.9	6
157	A Beam Search Based Decision Tree Induction Algorithm **2012**, 357-370		1
156	Using Genetic Algorithms to Improve Prediction of Execution Times of ML Tasks. *Lecture Notes in Computer Science*, **2012**, 196-207	0.9	6
155	Predicting execution time of machine learning tasks using metalearning **2011**,		4
154	Adapting non-hierarchical multilabel classification methods for hierarchical multilabel classification. *Intelligent Data Analysis*, **2011**, 15, 861-887	1.1	12
153	Using Meta-learning to Recommend Meta-heuristics for the Traveling Salesman Problem **2011**,		5
152	Comparing machine learning classifiers in potential distribution modelling. *Expert Systems With Applications*, **2011**, 38, 5268-5275	7.8	77
151	A graph clustering algorithm based on a clustering coefficient for´weighted graphs. *Journal of the Brazilian Computer Society*, **2011**, 17, 19-29	1.9	10
150	A bottom-up oblique decision tree induction algorithm **2011**,		8
149	A clustering-based decision tree induction algorithm **2011**,		2
148	Quantifying Features Using False Nearest Neighbors: An Unsupervised Approach **2011**,		1
147	Hierarchical multi-label classification for protein function prediction: A local approach based on neural networks **2011**,		8
146	Spectral methods for graph clustering A survey. *European Journal of Operational Research*, **2011**, 211, 221-231	5.6	109
145	Efficiency issues of evolutionary k-means. *Applied Soft Computing Journal*, **2011**, 11, 1938-1952	7.5	72
144	Towards the automatic design of decision tree induction algorithms **2011**,		12
143	A hybrid approach to learn with imbalanced classes using evolutionary algorithms. *Logic Journal of the IGPL*, **2011**, 19, 293-303	1	6

142	Selection of algorithms to solve traveling salesman problems using meta-learning1. *International Journal of Hybrid Intelligent Systems*, **2011**, 8, 117-128	0.9	24
141	Hierarchical Multilabel Protein Function Prediction Using Local Neural Networks. *Lecture Notes in Computer Science*, **2011**, 10-17	0.9	4
140	A comprehensive comparison of ML algorithms for gene expression data classification **2010**,		7
139	Hierarchical Multilabel Classification Using Top-Down Label Combination and Artificial Neural Networks **2010**,		6
138	Combining Meta-learning and Search Techniques to SVM Parameter Selection **2010**,		6
137	New top-down methods using SVMs for Hierarchical Multilabel Classification problems **2010**,		4
136	Distributed Computing and Artificial Intelligence. *Advances in Intelligent and Soft Computing*, **2010**,		2
135	Evolutionary model tree induction **2010**,		6
134	Using Meta-learning to Classify Traveling Salesman Problems **2010**,		3
133	Investigation of a new GRASP-based clustering algorithm applied to biological data. *Computers and Operations Research*, **2010**, 37, 1381-1388	4.6	18
132	Building binary-tree-based multiclass classifiers using separability measures. *Neurocomputing*, **2010**, 73, 2837-2845	5.4	29
131	Partitions selection strategy for set of clustering solutions. *Neurocomputing*, **2010**, 73, 2809-2819	5.4	8
130	Empirical Evaluation of Ranking Prediction Methods for Gene Expression Data Classification. *Lecture Notes in Computer Science*, **2010**, 194-203	0.9	3
129	Evaluation of Clustering Results: The Trade-off Bias-Variability. *Studies in Classification, Data Analysis, and Knowledge Organization*, **2010**, 201-208	0.2	
128	Quality indices for (practical) clustering evaluation. *Intelligent Data Analysis*, **2009**, 13, 725-740	1.1	12
127	Foundations of Computational, IntelligenceVolume 6. *Studies in Computational Intelligence*, **2009**,	0.8	3
126	The multi-label OCS with a genetic algorithm for rule discovery **2009**,		1
125	Novelty detection with application to data streams. *Intelligent Data Analysis*, **2009**, 13, 405-422	1.1	31

124	EVALUATION FUNCTIONS FOR THE EVOLUTIONARY DESIGN OF MULTICLASS SUPPORT VECTOR MACHINES. *International Journal of Computational Intelligence and Applications*, **2009**, 08, 53-68	1.2	2
123	Multi-objective clustering ensemble for gene expression data analysis. *Neurocomputing*, **2009**, 72, 2763-2774	3.1	31
122	Pre-processing for noise detection in gene expression classification data. *Journal of the Brazilian Computer Society*, **2009**, 15, 3-11	1.9	23
121	Comparing Methods for Multilabel Classification of Proteins Using Machine Learning Techniques. *Lecture Notes in Computer Science*, **2009**, 109-120	0.9	11
120	A Survey of Evolutionary Algorithms for Clustering. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2009**, 39, 133-155		449
119	A Tutorial on Multi-label Classification Techniques. *Studies in Computational Intelligence*, **2009**, 177-195	0.8	43
118	LEGAL-tree **2009**,		12
117	Meta-learning approach to gene expression data classification. *International Journal of Intelligent Computing and Cybernetics*, **2009**, 2, 285-303	2.2	8
116	Lexicographic multi-objective evolutionary induction of decision trees. *International Journal of Bio-Inspired Computation*, **2009**, 1, 105	2.9	29
115	Evolutionary Fuzzy Clustering: An Overview and Efficiency Issues. *Studies in Computational Intelligence*, **2009**, 167-195	0.8	5
114	Use of Classification Algorithms in Noise Detection and Elimination. *Lecture Notes in Computer Science*, **2009**, 417-424	0.9	39
113	Ensembles of Pre-processing Techniques for Noise Detection in Gene Expression Data. *Lecture Notes in Computer Science*, **2009**, 486-493	0.9	3
112	Consensus Clustering Using Spectral Theory. *Lecture Notes in Computer Science*, **2009**, 461-468	0.9	
111	Bioinspired Parameter Tuning of MLP Networks for Gene Expression Analysis: Quality of Fitness Estimates vs. Number of Solutions Analysed. *Lecture Notes in Computer Science*, **2009**, 252-259	0.9	2
110	Credit Risk Assessment and Data Mining **2009**, 800-805		2
109	Evolutionary tuning of SVM parameter values in multiclass problems. *Neurocomputing*, **2008**, 71, 3326-3334		96
108	Cluster-based novel concept detection in data streams applied to intrusion detection in computer networks **2008**,		39
107	Bio-inspired Optimization Techniques for SVM Parameter Tuning **2008**,		7

106	A Strategy for the Selection of Solutions of the Pareto Front Approximation in Multi-objective Clustering Approaches **2008**,		7
105	Metalearning for Gene Expression Data Classification **2008**,		1
104	Bio-Inspired Parameter Tunning of MLP Networks for Gene Expression Analysis **2008**,		2
103	Hybrid classification algorithms based on boosting and support vector machines. *Kybernetes*, **2008**, 37, 1469-1491	2	4
102	THE DIMENSION OF ECOCs FOR MULTICLASS CLASSIFICATION PROBLEMS. *International Journal on Artificial Intelligence Tools*, **2008**, 17, 433-447	0.9	5
101	A new approach for multi-label classification based on default hierarchies and organizational learning **2008**,		5
100	Tree Decomposition of Multiclass Problems **2008**,		2
99	Data clustering based on complex network community detection **2008**,		5
98	Special Issue HIS 2007. *International Journal of Hybrid Intelligent Systems*, **2008**, 5, 57-58	0.9	
97	A review on the combination of binary classifiers in multiclass problems. *Artificial Intelligence Review*, **2008**, 30, 19-37	9.7	176
96	A hybrid case adaptation approach for case-based reasoning. *Applied Intelligence*, **2008**, 28, 101-119	4.9	24
95	Estratégias para a Combinação de Classificadores Binários em Soluções Multiclasses. *Revista De Informatica Teorica E Aplicada*, **2008**, 15, 65-86	1.7	3
94	Potential Distribution Modelling Using Machine Learning. *Lecture Notes in Computer Science*, **2008**, 255-264		
93	Cluster Ensemble and Multi-Objective Clustering Methods **2008**, 325-343		3
92	Credit Card Users' Data Mining **2008**, 2464-2467		
91	A Tutorial on Hierarchical Classification with Applications in Bioinformatics **2008**, 114-140		1
90	Computational Intelligence Applied to the Automatic Monitoring of Dressing Operations in an Industrial CNC Machine. *Studies in Computational Intelligence*, **2008**, 249-268	0.8	
89	Investigation of Strategies for the Generation of Multiclass Support Vector Machines. *Studies in Computational Intelligence*, **2008**, 319-328	0.8	2

88	Top-Down Hierarchical Ensembles of Classifiers for Predicting G-Protein-Coupled-Receptor Functions. *Lecture Notes in Computer Science*, **2008**, 35-46	0.9	10
87	Genetic Clustering for Data Mining **2008**, 113-132		6
86	evolutionary Design of Code-matrices for Multiclass Problems **2008**, 153-184		3
85	Special Issue on VIII Brazilian Symposium on Neural Networks. *International Journal of Hybrid Intelligent Systems*, **2007**, 4, 1-2	0.9	8
84	Protein cellular localization prediction with Support Vector Machines and Decision Trees. *Computers in Biology and Medicine*, **2007**, 37, 115-25	7	25
83	Multi-objective clustering ensemble. *International Journal of Hybrid Intelligent Systems*, **2007**, 4, 145-156	0.9	26
82	Development of a dressing monitoring system through artificial intelligence and acoustic maps for high performance grinding. *International Journal of Manufacturing Technology and Management*, **2007**, 12, 171	0.4	1
81	A Hybrid Case Based Reasoning Approach for Wine Classification **2007**,		1
80	Applying Case Based Based Reasoning to Sensor Fusion **2007**,		1
79	OLINDDA **2007**,		56
78	Uma Introduď ˆs Support Vector Machines. *Revista De Informatica Teorica E Aplicada*, **2007**, 14, 43-67	1.7	8
77	A Tutorial on Hierarchical Classification with Applications in Bioinformatics **2007**, 175-208		32
76	Comparing Several Approaches for Hierarchical Classification of Proteins with Decision Trees **2007**, 126-137		18
75	Multi-Objective Clustering Ensemble with Prior Knowledge. *Lecture Notes in Computer Science*, **2007**, 34-45	0.9	7
74	Use of gene dependent mutation probability in evolutionary neural networks for non-stationary problems. *Neurocomputing*, **2006**, 70, 44-54	5.4	7
73	The Brazilian Symposium on Neural Networks (SBRNĎ4). *Neurocomputing*, **2006**, 70, 1-2	5.4	5
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