Maria do Carmo Nicoletti

List of Publications by Year
in descending order

55	416	759233 12	794594 19
papers	citations	h-index	g-index

55	55	55	477
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An iterative boosting-based ensemble for streaming data classification. Information Fusion, 2019, 45, 66-78.	19.1	49
2	Automatic learning of image filters using Cartesian genetic programming. Integrated Computer-Aided Engineering, 2015, 22, 135-151.	4.6	40
3	Using Bayesian networks with rule extraction to infer the risk of weed infestation in a corn-crop. Engineering Applications of Artificial Intelligence, 2009, 22, 579-592.	8.1	39
4	A genetic programming based system for the automatic construction of image filters. Integrated Computer-Aided Engineering, 2013, 20, 275-287.	4.6	32
5	Revisiting the Tinto's Theoretical Dropout Model. Higher Education Studies, 2019, 9, 52.	0.5	32
6	Using a modified genetic algorithm to minimize the production costs for slabs of precast prestressed concrete joists. Engineering Applications of Artificial Intelligence, 2007, 20, 519-530.	8.1	24
7	An empirical evaluation of constructive neural network algorithms in classification tasks. International Journal of Innovative Computing and Applications, 2007, 1, 2.	0.2	23
8	Constructive Neural Network Algorithms for Feedforward Architectures Suitable for Classification Tasks. Studies in Computational Intelligence, 2009, , 1-23.	0.9	18
9	Enhancing Constructive Neural Network Performance Using Functionally Expanded Input Data. Journal of Artificial Intelligence and Soft Computing Research, 2016, 6, 119-131.	4.3	16
10	An investigation of the use of three selection-based genetic algorithm families when minimizing the production cost of hollow core slabs. Computer Methods in Applied Mechanics and Engineering, 2005, 194, 4651-4667.	6.6	15
11	An embedded imputation method via Attribute-based Decision Graphs. Expert Systems With Applications, 2016, 57, 159-177.	7.6	15
12	A hardware oriented ad-hoc computer-based method for binary structuring element decomposition based on genetic algorithms. Integrated Computer-Aided Engineering, 2016, 23, 369-383.	4.6	13
13	Attribute-based Decision Graphs: A framework for multiclass data classification. Neural Networks, 2017, 85, 69-84.	5.9	12
14	Methodology for inferring kinetic parameters of diesel oil HDS reactions based on scarce experimental data. Computers and Chemical Engineering, 2013, 48, 58-73.	3.8	6
15	A Comparative Evaluation of Constructive Neural Networks Methods using PRM and BCP as TLU Training Algorithms. , 2006, , .		5
16	Attribute-based Decision Graphs for multiclass data classification. , 2013, , .		5
17	Ensemble of complete P-partite graph classifiers for non-stationary environments. , 2013, , .		5
18	Conditional independence based learning of bayesian classifiers guided by a variable ordering genetic search. , 2007, , .		4

#	Article	IF	Citations
19	Simulated Activation Patterns of Biological Neurons Cultured onto a Multi-Electrode Array Based on a Modified Izhikevich's Model. Fundamenta Informaticae, 2013, 124, 111-132.	0.4	4
20	Coupling as Strategy for Reducing Concept-Drift in Never-ending Learning Environments. Fundamenta Informaticae, 2013, 124, 47-61.	0.4	4
21	Automatic Learning of Temporal Relations Under the Closed World Assumption. Fundamenta Informaticae, 2013, 124, 133-151.	0.4	4
22	Stock Closing Price Forecasting Using Ensembles of Constructive Neural Networks. , 2014, , .		4
23	A genetic algorithm for improving the induction of attribute-based decision graph classifiers. , 2016, , .		4
24	Learning Temporal Interval Relations Using Inductive Logic Programming. Communications in Computer and Information Science, 2011, , 90-104.	0.5	4
25	Graph-based Clustering of miRNA Sequences. MicroRNA (Shariqah, United Arab Emirates), 2017, 6, 166-186.	1.2	4
26	The influence of search mechanisms in feature subset selection processes. Intelligent Decision Technologies, 2008, 2, 231-238.	0.9	3
27	The impact of refinement strategies on sequential clustering algorithms. , 2013, , .		3
28	Enhancing classification performance using attribute-oriented functionally expanded data. Pattern Recognition Letters, 2017, 89, 39-45.	4.2	3
29	Effect of the Municipal Human Development Index on the results of the 2018 Brazilian presidential elections. Expert Systems With Applications, 2021, 168, 114305.	7.6	3
30	A Heuristic Search for Optimal Parameter Values of Three Biokinetic Growth Models for Describing Batch Cultivations of Streptococcus Pneumoniae in Bioreactors. Lecture Notes in Computer Science, 2008, , 359-368.	1.3	3
31	USING CONSTRUCTIVE NEURAL NETWORKS FOR DETECTING CENTRAL VESTIBULAR SYSTEM LESION. Applied Artificial Intelligence, 2006, 20, 609-638.	3.2	2
32	On-line prediction of the feeding phase in high-cell density cultivation of rE. coli using constructive neural networks. Computer Methods and Programs in Biomedicine, 2013, 111, 228-248.	4.7	2
33	Refining constructive neural networks using functionally expanded input data. , 2015, , .		2
34	ASSESSING THE CANOPY INTEGRITY USING CANOPY DIGITAL IMAGES IN SEMIDECIDUOUS FOREST FRAGMENT IN SÃƒO CARLOS - SP- BRAZIL1. Revista Arvore, 2017, 41, .	0.5	2
35	A Machine Learning-Based Computational System Proposal Aiming at Higher Education Dropout Prediction. Higher Education Studies, 2020, 10, 12.	0.5	2
36	Transferring neural network based knowledge into an exemplar-based learner. Neural Computing and Applications, 2007, 16, 257-265.	5.6	1

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37	An effective mutation-based measure for evaluating the suitability of parental sequences to undergo DNA shuffling experiments. , 2008, , .		1
38	Imputation of missing data supported by Complete p-Partite attribute-based Decision Graphs. , 2014, , .		1
39	Quantitative Analysis of Rat Dorsal Root Ganglion Neurons Cultured on Microelectrode Arrays Based on Fluorescence Microscopy Image Processing. International Journal of Neural Systems, 2015, 25, 1550033.	5.2	1
40	Functionally expanded streaming data as input to classification processes using ensembles of constructive neural networks. , 2016, , .		1
41	Estimating the Number of Clusters as a Pre-processing Step to Unsupervised Learning. Advances in Intelligent Systems and Computing, 2017, , 25-34.	0.6	1
42	Empirical evaluation of five algorithms for the initialization phase of the k-Means algorithm. International Journal of Hybrid Intelligent Systems, 2020, 16, 35-53.	1.2	1
43	A High Resolution Image Based Approach for Estimating the Canopy Cover of a Semi-Deciduous Brazilian Atlantic Forest Fragment. IEEE Latin America Transactions, 2021, 19, 1657-1664.	1.6	1
44	An Empirical Investigation of the Use of a Neural Network Committee for Identifying the Streptococcus Pneumoniae Growth Phases in Batch Cultivations. Lecture Notes in Computer Science, 2008, , 215-224.	1.3	1
45	Investigating Neighborhood Graphs for Inducing Density Based Clusters. Studies in Computational Intelligence, 2009, , 57-78.	0.9	1
46	C-Focus-3: a C-Focus with a New Heuristic Search Strategy. , 2007, , .		0
47	A two-class constructive neural network algorithm for continuous domains: the OffTiling algorithm. International Journal of Knowledge Engineering and Data Mining, 2010, 1, 161.	0.0	0
48	Agglomerative and Divisive Approaches to Unsupervised Learning in Gestalt Clusters. Advances in Intelligent Systems and Computing, 2017, , 35-44.	0.6	0
49	Attribute-Based Decision Graphs and Their Roles in Machine Learning Related Tasks. Intelligent Systems Reference Library, 2018, , 53-71.	1.2	0
50	Flow graphs as data structures for inducing classifiers. International Journal of Hybrid Intelligent Systems, 2019, 15, 77-90.	1.2	0
51	A Family of Algorithms for Implementing the Main Concepts of the Rough Set Theory. , 2002, , 583-595.		0
52	A Feedforward Constructive Neural Network Algorithm for Multiclass Tasks Based on Linear Separability. Studies in Computational Intelligence, 2009, , 145-169.	0.9	0
53	Interpreting Hidden Neurons in Boolean Constructive Neural Networks. Lecture Notes in Computer Science, 2011, , 34-41.	1.3	0
54	A family of link based metrics for the evaluation of Web documents. SIGWEB Newsletter: the Newsletter of ACM's Special Interest Group on Hypertext and Hypermedia, 1997, 6, 21-23.	0.6	0

#	Article	IF	Citations
55	Three Case Studies Using Agglomerative Clustering. Advances in Intelligent Systems and Computing, 2017, , 67-76.	0.6	0