

# Bernardete M Ribeiro

## List of Publications by Year in descending order

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237  
papers

2,894  
citations

236925

25  
h-index

254184

43  
g-index

256  
all docs

256  
docs citations

256  
times ranked

2671  
citing authors

#	ARTICLE	IF	CITATIONS
1	Active learning metamodelling for survival rate analysis of simulated emergency medical systems. <i>Transportmetrica A: Transport Science</i> , 2024, 20, .	2.0	0
2	Playful Probes for Design Interaction with Machine Learning: A Tool for Aircraft Condition-Based Maintenance Planning and Visualisation. <i>Mathematics</i> , 2022, 10, 1604.	2.2	4
3	Designing optimized drug candidates with Generative Adversarial Network. <i>Journal of Cheminformatics</i> , 2022, 14, .	6.1	17
4	Remaining Useful Life Estimation of Cooling Units via Time-Frequency Health Indicators with Machine Learning. <i>Aerospace</i> , 2022, 9, 309.	2.2	4
5	Drug-Target Interaction Prediction: End-to-End Deep Learning Approach. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 2364-2374.	3.0	30
6	A Compressive Receding Horizon Approach for Smart Home Energy Management. <i>IEEE Access</i> , 2021, 9, 100407-100435.	4.2	2
7	Federated Learning as a Privacy-Providing Machine Learning for Defect Predictions in Smart Manufacturing. <i>Smart and Sustainable Manufacturing Systems</i> , 2021, 5, 1-17.	0.7	1
8	Emulating Cued Recall of Abstract Concepts via Regulated Activation Networks. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2134.	2.5	1
9	Diversity oriented Deep Reinforcement Learning for targeted molecule generation. <i>Journal of Cheminformatics</i> , 2021, 13, 21.	6.1	36
10	Aircraft Maintenance Check Scheduling Using Reinforcement Learning. <i>Aerospace</i> , 2021, 8, 113.	2.2	17
11	Fast-DENSER: Fast Deep Evolutionary Network Structured Representation. <i>SoftwareX</i> , 2021, 14, 100694.	2.6	4
12	Optimizing Recurrent Neural Network Architectures for De Novo Drug Design. , 2021, , .		3
13	Optimizing bloodâ€‘brain barrier permeation through deep reinforcement learning for <i>de novo</i> drug design. <i>Bioinformatics</i> , 2021, 37, i84-i92.	4.1	13
14	Retweet Predictive Model for Predicting the Popularity of Tweets. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 185-193.	0.6	2
15	Boosting dynamic ensembleâ€™s performance in Twitter. <i>Neural Computing and Applications</i> , 2020, 32, 10655-10667.	5.6	2
16	A Survey on Home Energy Management. <i>IEEE Access</i> , 2020, 8, 5699-5722.	4.2	101
17	Single and ensemble classifiers for defect prediction in sheet metal forming under variability. <i>Neural Computing and Applications</i> , 2020, 32, 12335-12349.	5.6	27
18	Reconstructing Abstract Concepts and their Blends Via Computational Cognitive Modeling. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Performance Comparison of Parametric and Non-Parametric Regression Models for Uncertainty Analysis of Sheet Metal Forming Processes. <i>Metals</i> , 2020, 10, 457.	2.3	12
20	Learning non-convex abstract concepts with regulated activation networks. <i>Annals of Mathematics and Artificial Intelligence</i> , 2020, 88, 1207-1235.	1.3	3
21	Prediction of the Remaining Useful Life of Aircraft Systems via Web Interface. <i>International Journal of Online and Biomedical Engineering</i> , 2020, 16, 23.	1.4	0
22	GPU-based fast clustering via $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si9.svg"} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Centres and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si7.svg"} \rangle \langle \text{mml:mi} \rangle k \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -NN mode seeking for geospatial industry applications. <i>Computers in Industry</i> , 2020, 122, 103260.	9.9	4
23	Exploring Geometric Feature Hyper-Space in Data to Learn Representations of Abstract Concepts. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1994.	2.5	3
24	Evolution of Scikit-Learn Pipelines with Dynamic Structured Grammatical Evolution. <i>Lecture Notes in Computer Science</i> , 2020, , 530-545.	1.3	5
25	Aprendizagem Computacional em Engenharia. , 2020, , .		1
26	NanoSen-AQM: From Sensors to Users. <i>International Journal of Online and Biomedical Engineering</i> , 2020, 16, 51.	1.4	3
27	Application for Monitoring and Prediction of Energy and Water Consumption in Domestic Cyber-Physical Systems. <i>Lecture Notes in Networks and Systems</i> , 2020, , 28-37.	0.7	0
28	Incremental Evolution and Development of Deep Artificial Neural Networks. <i>Lecture Notes in Computer Science</i> , 2020, , 35-51.	1.3	3
29	Knee Injured Recovery Analysis Using Extreme Learning Machine. <i>Communications in Computer and Information Science</i> , 2020, , 65-79.	0.5	0
30	Directional Grid-Based Search for Simulation Metamodeling Using Active Learning. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2020, , 32-46.	0.3	0
31	Exploring a Siamese Neural Network Architecture for One-Shot Drug Discovery. , 2020, , .		6
32	Active learning metamodeling for policy analysis: Application to an emergency medical service simulator. <i>Simulation Modelling Practice and Theory</i> , 2019, 97, 101947.	3.8	7
33	An Online Platform For Real-Time Air Quality Monitoring. , 2019, , .		4
34	Smart Home Energy Management Supported by Cloud Computing. , 2019, , .		0
35	Multi-label learning vector quantization for semi-supervised classification. <i>Intelligent Data Analysis</i> , 2019, 23, 839-853.	0.9	0
36	Detecting urban water consumption patterns: a time-series clustering approach. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 2323-2329.	2.1	5

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37	Fast DENSER: Efficient Deep NeuroEvolution. Lecture Notes in Computer Science, 2019, , 197-212.	1.3	9
38	Web-based tool for predicting the Remaining Useful Lifetime of Aircraft Components. , 2019, , .		0
39	A Hybrid Application for Real-Time Air Quality Monitoring. , 2019, , .		4
40	Online Simulation of Methods to Predict the Remaining Useful Lifetime of Aircraft Components. , 2019, , .		1
41	Optimization of selective ensemble for cost-sensitive classification: An empirical study. Intelligent Decision Technologies, 2019, 12, 399-410.	0.9	0
42	DENSER: deep evolutionary network structured representation. Genetic Programming and Evolvable Machines, 2019, 20, 5-35.	2.2	76
43	Shaping graph pattern mining for financial risk. Neurocomputing, 2019, 326-327, 123-131.	5.9	9
44	Hierarchical Deep Learning Approach for Plant Disease Detection. Lecture Notes in Computer Science, 2019, , 383-393.	1.3	5
45	Deep Neural Network Architecture for Drug-Target Interaction Prediction. Lecture Notes in Computer Science, 2019, , 804-809.	1.3	2
46	Advanced Capsule Networks via Context Awareness. Lecture Notes in Computer Science, 2019, , 166-177.	1.3	7
47	An Improvement for Capsule Networks Using Depthwise Separable Convolution. Lecture Notes in Computer Science, 2019, , 521-530.	1.3	1
48	Application of Bees Algorithm to Reduce Household's Energy Costs via Load Deferral. , 2018, , .		3
49	Perceiving Abstract Concepts Via Evolving Computational Cognitive Modeling. , 2018, , .		0
50	Modeling Abstract Concepts For Internet of Everything: A Cognitive Artificial System. , 2018, , .		3
51	Improving Household's Efficiency via Scheduling of Water and Energy Appliances. , 2018, , .		5
52	Dynamic Human Gait VGRF Reference Profile Generation via Extreme Learning Machine. , 2018, , .		3
53	Automatic Evolution of AutoEncoders for Compressed Representations. , 2018, , .		4
54	Adaptive Learning Models Evaluation in Twitter's Timelines. , 2018, , .		2

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55	Active Learning for Input Space Exploration in Traffic Simulators. , 2018, , .		0
56	Using GP Is NEAT: Evolving Compositional Pattern Production Functions. Lecture Notes in Computer Science, 2018, , 3-18.	1.3	5
57	Efficient Transport Simulation With Restricted Batch-Mode Active Learning. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3642-3651.	8.0	3
58	Evolving the Topology of Large Scale Deep Neural Networks. Lecture Notes in Computer Science, 2018, , 19-34.	1.3	21
59	Introduction to Deep Learning Business Applications for Developers. , 2018, , .		12
60	Model Prediction of Defects in Sheet Metal Forming Processes. Communications in Computer and Information Science, 2018, , 169-180.	0.5	11
61	Epileptic Seizure Prediction with Stacked Auto-encoders: Lessons from the Evaluation on a Large and Collaborative Database. IFMBE Proceedings, 2018, , 9-13.	0.3	1
62	Critical Feature Selection and Critical Sampling for Data Mining. Communications in Computer and Information Science, 2018, , 13-24.	0.5	1
63	Learning Supervised Topic Models for Classification and Regression from Crowds. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 2409-2422.	13.9	59
64	A Bayesian Additive Model for Understanding Public Transport Usage in Special Events. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 2113-2126.	13.9	33
65	Finding the Critical Sampling of Big Datasets. , 2017, , .		3
66	Towards the evolution of multi-layered neural networks. , 2017, , .		14
67	Adaptive learning for dynamic environments: A comparative approach. Engineering Applications of Artificial Intelligence, 2017, 65, 336-345.	8.1	7
68	Offline and online deep learning for image recognition. , 2017, , .		5
69	Probabilistic modeling and visualization for bankruptcy prediction. Applied Soft Computing Journal, 2017, 60, 831-843.	7.2	57
70	Automatic generation of neural networks with structured Grammatical Evolution. , 2017, , .		13
71	Attribute Learning for Network Intrusion Detection. Advances in Intelligent Systems and Computing, 2017, , 39-49.	0.6	4
72	Importance Weighted Import Vector Machine for Unsupervised Domain Adaptation. IEEE Transactions on Cybernetics, 2017, 47, 3280-3292.	9.5	17

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73	Improve credit scoring using transfer of learned knowledge from self-organizing map. Neural Computing and Applications, 2017, 28, 1329-1342.	5.6	25
74	Financial credit risk assessment via learning-based hashing. Intelligent Decision Technologies, 2017, 11, 177-186.	0.9	1
75	Novel Trends in Scaling Up Machine Learning Algorithms. , 2017, , .		3
76	A Grassmannian Approach to Zero-Shot Learning for Network Intrusion Detection. Lecture Notes in Computer Science, 2017, , 565-575.	1.3	9
77	How Deep Can We Rely on Emotion Recognition. Lecture Notes in Computer Science, 2017, , 511-520.	1.3	0
78	Trading off Distance Metrics vs Accuracy in Incremental Learning Algorithms. Lecture Notes in Computer Science, 2017, , 530-538.	1.3	1
79	Towards tangible benefits of corporate failure prediction with business sector: A comparative study. Intelligent Decision Technologies, 2016, 10, 431-442.	0.9	1
80	Choice of Best Samples for Building Ensembles in Dynamic Environments. Communications in Computer and Information Science, 2016, , 35-47.	0.5	3
81	Mahalanobis distance metric learning algorithm for instance-based data stream classification. , 2016, , .		2
82	Automatic graphic logo detection via Fast Region-based Convolutional Networks. , 2016, , .		29
83	Visualization of Individual Ensemble Classifier Contributions. Communications in Computer and Information Science, 2016, , 633-642.	0.5	2
84	Financial credit risk assessment: a recent review. Artificial Intelligence Review, 2016, 45, 1-23.	15.7	123
85	Multiclass Ensemble of One-against-all SVM Classifiers. Lecture Notes in Computer Science, 2016, , 531-539.	1.3	1
86	Consensus-based Approach for Keyword Extraction from Urban Events Collections. Advances in Distributed Computing and Artificial Intelligence Journal, 2016, 4, 41-60.	1.5	3
87	Sampling and Evaluating the Big Data for Knowledge Discovery. , 2016, , .		3
88	The impact of longstanding messages in micro-blogging classification. , 2015, , .		4
89	DOTS: Drift Oriented Tool System. Lecture Notes in Computer Science, 2015, , 615-623.	1.3	4
90	Comparative study of classifier ensembles for cost-sensitive credit risk assessment. Intelligent Data Analysis, 2015, 19, 127-144.	0.9	16

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91	Understanding road network dynamics: Link-based topological patterns. Journal of Transport Geography, 2015, 46, 55-66.	5.0	20
92	Dimensionality Reduction Using Graph Weighted Subspace Learning for Bankruptcy Prediction. Annals of Information Systems, 2015, , 155-178.	0.5	0
93	On the Impact of Distance Metrics in Instance-Based Learning Algorithms. Lecture Notes in Computer Science, 2015, , 48-56.	1.3	6
94	Learning the hash code with generalised regression neural networks for handwritten signature biometric data retrieval. , 2015, , .		0
95	A Structural Pattern Mining Approach for Credit Risk Assessment. Lecture Notes in Computer Science, 2015, , 73-84.	1.3	0
96	Active Manifold Learning with Twitter Big Data. Procedia Computer Science, 2015, 53, 208-215.	2.0	3
97	Analysis of trends in seasonal electrical energy consumption via non-negative tensor factorization. Neurocomputing, 2015, 170, 318-327.	5.9	16
98	Machine Learning for Adaptive Many-Core Machines - A Practical Approach. Studies in Big Data, 2015, , .	1.1	13
99	The Critical Feature Dimension and Critical Sampling Problems. , 2015, , .		0
100	Mining the Big Data: The Critical Feature Dimension Problem. , 2014, , .		8
101	Exploring the performance of non-negative multi-way factorization for household electrical seasonal consumption disaggregation. , 2014, , .		2
102	Concept Drift Awareness in Twitter Streams. , 2014, , .		21
103	Signature identification via efficient feature selection and GPU-based SVM classifier. , 2014, , .		4
104	Towards adaptive learning with improved convergence of deep belief networks on graphics processing units. Pattern Recognition, 2014, 47, 114-127.	8.1	53
105	Electrical Signal Source Separation Via Nonnegative Tensor Factorization Using On Site Measurements in a Smart Home. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 364-373.	4.7	77
106	Sequence labeling with multiple annotators. Machine Learning, 2014, 95, 165-181.	5.4	58
107	Ensemble learning for keyword extraction from event descriptions. , 2014, , .		0
108	Science Education in a Museum: Enhancing Earth Sciences Literacy as a Way to Enhance Public Awareness of Geological Heritage. Geoheritage, 2014, 6, 217-223.	2.8	24

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109	Aggregated local models via subspace clustering. <i>Intelligent Decision Technologies</i> , 2014, 9, 153-165.	0.9	0
110	Hashing for Financial Credit Risk Analysis. <i>Lecture Notes in Computer Science</i> , 2014, , 395-403.	1.3	1
111	Spatial Dynamics of the Topographic Representation of Electroencephalogram Spectral Features during General Anesthesia. <i>IFMBE Proceedings</i> , 2014, , 519-522.	0.3	0
112	Nanoparticles of Ni in ZnO single crystal matrix. <i>European Physical Journal B</i> , 2013, 86, 1.	1.5	4
113	Learning from multiple annotators: Distinguishing good from random labelers. <i>Pattern Recognition Letters</i> , 2013, 34, 1428-1436.	4.2	74
114	Customized crowds and active learning to improve classification. <i>Expert Systems With Applications</i> , 2013, 40, 7212-7219.	7.6	4
115	CrowdTargeting: Making Crowds More Personal. , 2013, , .		0
116	Clustering and visualization of bankruptcy trajectory using self-organizing map. <i>Expert Systems With Applications</i> , 2013, 40, 385-393.	7.6	81
117	Self-doping and the role of oxygen vacancies in the magnetic properties of cubic BaFeO <sub>3</sub> . <i>Journal of Applied Physics</i> , 2013, 113, 083906.	2.5	19
118	Influence of class distribution on cost-sensitive learning: A case study of bankruptcy analysis. <i>Intelligent Data Analysis</i> , 2013, 17, 423-437.	0.9	8
119	Defining Semantic Meta-hashtags for Twitter Classification. <i>Lecture Notes in Computer Science</i> , 2013, , 226-235.	1.3	13
120	Improving the Generalization Capacity of Cascade Classifiers. <i>IEEE Transactions on Cybernetics</i> , 2013, 43, 2135-2146.	9.5	14
121	On the Regularization Parameter Selection for Sparse Code Learning in Electrical Source Separation. <i>Lecture Notes in Computer Science</i> , 2013, , 277-286.	1.3	4
122	Improving Convergence of Restricted Boltzmann Machines via a Learning Adaptive Step Size. <i>Lecture Notes in Computer Science</i> , 2012, , 511-518.	1.3	2
123	Structural and magnetic properties of thin films of BaFeO <sub>3</sub> deposited by pulsed injection metal-organic chemical vapor deposition. <i>Journal of Applied Physics</i> , 2012, 111, .	2.5	9
124	Towards a hybrid NMF-based neural approach for face recognition on GPUs. <i>International Journal of Data Mining, Modelling and Management</i> , 2012, 4, 138.	0.1	0
125	Space time frequency (STF) code tensor for the characterization of the epileptic preictal stage. , 2012, 2012, 621-4.		1
126	Home electrical signal disaggregation for non-intrusive load monitoring (NILM) systems. <i>Neurocomputing</i> , 2012, 96, 66-73.	5.9	159



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127	Modeling epileptic brain states using EEG spectral analysis and topographic mapping. Journal of Neuroscience Methods, 2012, 210, 220-229.	2.5	44
128	Restricted Boltzmann Machines and Deep Belief Networks on multi-core processors. , 2012, , .		14
129	Multi-threaded Support Vector Machines for Pattern Recognition. Lecture Notes in Computer Science, 2012, , 616-623.	1.3	4
130	Enhanced default risk models with SVM+. Expert Systems With Applications, 2012, 39, 10140-10152.	7.6	45
131	An Incremental Hypersphere Learning Framework for Protein Membership Prediction. Lecture Notes in Computer Science, 2012, , 429-439.	1.3	4
132	Biclustering and Subspace Learning with Regularization for Financial Risk Analysis. Lecture Notes in Computer Science, 2012, , 228-235.	1.3	2
133	HANDLING MISSING VALUES VIA A NEURAL SELECTIVE INPUT MODEL. Neural Network World, 2012, 22, 357-370.	0.8	6
134	Credit Scoring for SME Using a Manifold Supervised Learning Algorithm. Lecture Notes in Computer Science, 2012, , 763-770.	1.3	1
135	Feature Selection for Bankruptcy Prediction. , 2012, , 158-178.		0
136	Smart home: A novel model for denoising an electrical signal. , 2011, , .		1
137	A stable credit rating model based on learning vector quantization. Intelligent Data Analysis, 2011, 15, 237-250.	0.9	12
138	Evaluation of a Resource Allocating Network with Long Term Memory Using GPU. Lecture Notes in Computer Science, 2011, , 41-50.	1.3	2
139	AN EVALUATION OF MULTIPLE FEED-FORWARD NETWORKS ON GPUs. International Journal of Neural Systems, 2011, 21, 31-47.	5.2	26
140	Wavelet Decomposition and Singular Spectrum Analysis for electrical signal denoising. , 2011, , .		12
141	Deep Belief Networks for Financial Prediction. Lecture Notes in Computer Science, 2011, , 766-773.	1.3	21
142	On using crowdsourcing and active learning to improve classification performance. , 2011, , .		31
143	Magnetic and transport properties of transition-metal implanted ZnO single crystals. European Physical Journal B, 2011, 79, 185-195.	1.5	12
144	A genetic algorithm-based approach to cost-sensitive bankruptcy prediction. Expert Systems With Applications, 2011, 38, 12939-12945.	7.6	62

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145	Graph weighted subspace learning models in bankruptcy. , 2011, , .		7
146	A fast optimized semi-supervised non-negative Matrix Factorization algorithm. , 2011, , .		3
147	Deep Learning Networks for Off-Line Handwritten Signature Recognition. Lecture Notes in Computer Science, 2011, , 523-532.	1.3	30
148	An Experimental Study on Electrical Signature Identification of Non-Intrusive Load Monitoring (NILM) Systems. Lecture Notes in Computer Science, 2011, , 31-40.	1.3	45
149	An Incremental Class Boundary Preserving Hypersphere Classifier. Lecture Notes in Computer Science, 2011, , 690-699.	1.3	5
150	Incorporate Cost Matrix into Learning Vector Quantization Modeling: a Comparative Study of Genetic Algorithm, Simulated Annealing and Particle Swarm Optimization. International Journal of Computer Theory and Engineering, 2011, , 122-129.	3.4	4
151	A Robust Learning Model for Dealing with Missing Values in Many-Core Architectures. Lecture Notes in Computer Science, 2011, , 108-117.	1.3	0
152	Non-intrusive Residential Electrical Consumption Traces. Advances in Intelligent and Soft Computing, 2011, , 51-58.	0.2	1
153	Purging False Negatives in Cancer Diagnosis Using Incremental Active Learning. Lecture Notes in Computer Science, 2011, , 394-402.	1.3	0
154	A Hybrid AIS-SVM Ensemble Approach for Text Classification. Lecture Notes in Computer Science, 2011, , 342-352.	1.3	8
155	Feature Mining and Pattern Recognition in Multimedia Forensics – Detection of JPEG Image Based Steganography, Double-Compression, Interpolation and WAV Audio Based Steganography. , 2011, , 561-604.		1
156	Get Your Jokes Right: Ask the Crowd. Lecture Notes in Computer Science, 2011, , 178-185.	1.3	4
157	Bankruptcy Trajectory Analysis on French Companies Using Self-Organizing Map. Lecture Notes in Computer Science, 2011, , 407-417.	1.3	0
158	An improved approach to steganalysis of JPEG images. Information Sciences, 2010, 180, 1643-1655.	6.9	54
159	Feature Selection for Bankruptcy Prediction. International Journal of Natural Computing Research, 2010, 1, 71-91.	0.5	3
160	Financial distress model prediction using SVM+. , 2010, , .		14
161	Improving recall values in breast cancer diagnosis with Incremental Background Knowledge. , 2010, , .		2
162	Controller design with a evolutionary multi-objective optimization approach. , 2010, , .		0

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163	High-performance bankruptcy prediction model using Graphics Processing Units. , 2010, , .		2
164	Hybrid Genetic Algorithm and Learning Vector Quantization Modeling for Cost-Sensitive Bankruptcy Prediction. , 2010, , .		7
165	Non-negative Matrix Factorization Implementation Using Graphic Processing Units. Lecture Notes in Computer Science, 2010, , 275-283.	1.3	13
166	Distributed Text Classification With an Ensemble Kernel-Based Learning Approach. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2010, 40, 287-297.	2.9	29
167	A strategy for dealing with missing values by using selective activation neurons in a multi-topology framework. , 2010, , .		3
168	GPULib: A new Library to combine Machine Learning algorithms with Graphics Processing Units. , 2010, , .		12
169	Background on Text Classification. Studies in Computational Intelligence, 2010, , 3-29.	0.9	2
170	Weighted Learning Vector Quantization to Cost-Sensitive Learning. Lecture Notes in Computer Science, 2010, , 277-281.	1.3	6
171	Multi-Objective Evolutionary Algorithms for Feature Selection: Application in Bankruptcy Prediction. Lecture Notes in Computer Science, 2010, , 319-328.	1.3	3
172	Framework for Text Classification. Studies in Computational Intelligence, 2010, , 117-128.	0.9	0
173	A Hybrid Face Recognition Approach Using GPULib. Lecture Notes in Computer Science, 2010, , 96-103.	1.3	0
174	Kernel Machines for Text Classification. Studies in Computational Intelligence, 2010, , 31-48.	0.9	1
175	Enhancing SVMs for Text Classification. Studies in Computational Intelligence, 2010, , 51-70.	0.9	0
176	Distributing Text Classification in Grid Environments. Studies in Computational Intelligence, 2010, , 93-115.	0.9	0
177	Extracting Features from an Electrical Signal of a Non-Intrusive Load Monitoring System. Lecture Notes in Computer Science, 2010, , 210-217.	1.3	5
178	Control of a Biped Robot With Support Vector Regression in Sagittal Plane. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 3167-3176.	4.7	19
179	GPU Implementation of the Multiple Back-Propagation Algorithm. Lecture Notes in Computer Science, 2009, , 449-456.	1.3	16
180	Learning Manifolds for Bankruptcy Analysis. Lecture Notes in Computer Science, 2009, , 723-730.	1.3	13

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181	Improving Personal Credit Scoring with HLVC. Lecture Notes in Computer Science, 2009, , 97-103.	1.3	1
182	Knowledge Extraction with Non-Negative Matrix Factorization for Text Classification. Lecture Notes in Computer Science, 2009, , 300-308.	1.3	2
183	Cost-Sensitive Learning Vector Quantization for Financial Distress Prediction. Lecture Notes in Computer Science, 2009, , 374-385.	1.3	9
184	Extracting Discriminative Features Using Non-negative Matrix Factorization in Financial Distress Data. Lecture Notes in Computer Science, 2009, , 537-547.	1.3	14
185	Improving Visualization, Scalability and Performance of Multiclass Problems with SVM Manifold Learning. Lecture Notes in Computer Science, 2009, , 370-379.	1.3	1
186	Image complexity and feature mining for steganalysis of least significant bit matching steganography. Information Sciences, 2008, 178, 21-36.	6.9	74
187	Selecting Examples in Manifold Reduced Feature Space for Active Learning. , 2008, , .		2
188	Supervised Isomap with Dissimilarity Measures in Embedding Learning. Lecture Notes in Computer Science, 2008, , 389-396.	1.3	8
189	Manifold learning for premature ventricular contraction detection. , 2008, , .		4
190	Evaluation system for e-learning with pattern mining tools. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0
191	TOWARDS EXPANDING RELEVANCE VECTOR MACHINES TO LARGE SCALE DATASETS. International Journal of Neural Systems, 2008, 18, 45-58.	5.2	16
192	Steganalysis of multi-class JPEG images based on expanded Markov features and polynomial fitting. , 2008, , .		12
193	Building resilient classifiers for LSB matching steganography. , 2008, , .		1
194	Text Classification on Embedded Manifolds. Lecture Notes in Computer Science, 2008, , 272-281.	1.3	5
195	Ventricular Arrhythmias Assessment. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 3852-5.	0.5	4
196	CHOOSING REAL-TIME PREDICTORS FOR VENTRICULAR ARRHYTHMIA DETECTION. International Journal of Pattern Recognition and Artificial Intelligence, 2007, 21, 1249-1263.	1.2	9
197	Premature ventricular beat detection by using spectral clustering methods. , 2007, , .		5
198	Simulation control of a biped robot with Support Vector Regression. , 2007, , .		14

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199	ECG Compression through segment matching and progressive error encoding. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 135-8.	0.5	1
200	Combining active learning and relevance vector machines for text classification. , 2007, , .		4
201	On Text-based Mining with Active Learning and Background Knowledge Using SVM. Soft Computing, 2007, 11, 519-530.	3.6	20
202	Boosting RVM Classifiers for Large Data Sets. Lecture Notes in Computer Science, 2007, , 228-237.	1.3	2
203	Support, Relevance and Spectral Learning for Time Series. Lecture Notes in Computer Science, 2007, , 199-207.	1.3	0
204	Image Complexity and Feature Extraction for Steganalysis of LSB Matching Steganography. , 2006, , .		18
205	Two-Level Hierarchical Hybrid SVM-RVM Classification Model. , 2006, , .		7
206	Scaling Text Classification with Relevance Vector Machines. , 2006, , .		16
207	Sparse Bayesian Models: Bankruptcy-Predictors of Choice?. , 2006, , .		5
208	Statistical Correlations and Machine Learning for Steganalysis. , 2005, , 437-440.		2
209	Support Vector Machines for Quality Monitoring in a Plastic Injection Molding Process. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2005, 35, 401-410.	2.9	88
210	A Method to Improve Generalization of Neural Networks: Application to the Problem of Bankruptcy Prediction. , 2005, , 417-420.		3
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212	An Inductive Inference Approach to Large Scale Text Categorisation. , 2003, , 126-130.		0
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