

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	Home electrical signal disaggregation for non-intrusive load monitoring (NILM) systems. Neurocomputing, 2012, 96, 66-73.	5.9	159
2	Financial credit risk assessment: a recent review. Artificial Intelligence Review, 2016, 45, 1-23.	15.7	123
3	A Survey on Home Energy Management. IEEE Access, 2020, 8, 5699-5722.	4.2	101
4	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
5	The importance of stop word removal on recall values in text categorization. , 0, , .		82
6	Clustering and visualization of bankruptcy trajectory using self-organizing map. Expert Systems With Applications, 2013, 40, 385-393.	7.6	81
7	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
8	DENSER: deep evolutionary network structured representation. Genetic Programming and Evolvable Machines, 2019, 20, 5-35.	2.2	76
9	Image complexity and feature mining for steganalysis of least significant bit matching steganography. Information Sciences, 2008, 178, 21-36.	6.9	74
10	Learning from multiple annotators: Distinguishing good from random labelers. Pattern Recognition Letters, 2013, 34, 1428-1436.	4.2	74
11	A neural network for shortest path computation. IEEE Transactions on Neural Networks, 2001, 12, 1067-1073.	4.2	62
12	A genetic algorithm-based approach to cost-sensitive bankruptcy prediction. Expert Systems With Applications, 2011, 38, 12939-12945.	7.6	62
13	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
14	Sequence labeling with multiple annotators. Machine Learning, 2014, 95, 165-181.	5.4	58
15	Probabilistic modeling and visualization for bankruptcy prediction. Applied Soft Computing Journal, 2017, 60, 831-843.	7.2	57
16	An improved approach to steganalysis of JPEG images. Information Sciences, 2010, 180, 1643-1655.	6.9	54
17	Towards adaptive learning with improved convergence of deep belief networks on graphics processing units. Pattern Recognition, 2014, 47, 114-127.	8.1	53
18	Enhanced default risk models with SVM+. Expert Systems With Applications, 2012, 39, 10140-10152.	7.6	45

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19	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
20	Modeling epileptic brain states using EEG spectral analysis and topographic mapping. Journal of Neuroscience Methods, 2012, 210, 220-229.	2.5	44
21	Diversity oriented Deep Reinforcement Learning for targeted molecule generation. Journal of Cheminformatics, 2021, 13, 21.	6.1	36
22	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
23	On using crowdsourcing and active learning to improve classification performance. , 2011, , .		31
24	Deep Learning Networks for Off-Line Handwritten Signature Recognition. Lecture Notes in Computer Science, 2011, , 523-532.	1.3	30
25	Drug-Target Interaction Prediction: End-to-End Deep Learning Approach. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 2364-2374.	3.0	30
26	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
27	Automatic graphic logo detection via Fast Region-based Convolutional Networks. , 2016, , .		29
28	Single and ensemble classifiers for defect prediction in sheet metal forming under variability. Neural Computing and Applications, 2020, 32, 12335-12349.	5.6	27
29	AN EVALUATION OF MULTIPLE FEED-FORWARD NETWORKS ON GPUs. International Journal of Neural Systems, 2011, 21, 31-47.	5.2	26
30	Improve credit scoring using transfer of learned knowledge from self-organizing map. Neural Computing and Applications, 2017, 28, 1329-1342.	5.6	25
31	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
32	Deep Belief Networks for Financial Prediction. Lecture Notes in Computer Science, 2011, , 766-773.	1.3	21
33	Concept Drift Awareness in Twitter Streams. , 2014, , .		21
34	Evolving the Topology of Large Scale Deep Neural Networks. Lecture Notes in Computer Science, 2018, , 19-34.	1.3	21
35	On Text-based Mining with Active Learning and Background Knowledge Using SVM. Soft Computing, 2007, 11, 519-530.	3.6	20
36	Understanding road network dynamics: Link-based topological patterns. Journal of Transport Geography, 2015, 46, 55-66.	5.0	20

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37	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
38	Self-doping and the role of oxygen vacancies in the magnetic properties of cubic BaFeO ₃ . Journal of Applied Physics, 2013, 113, 083906.	2.5	19
39	Image Complexity and Feature Extraction for Steganalysis of LSB Matching Steganography. , 2006, , .		18
40	Importance Weighted Import Vector Machine for Unsupervised Domain Adaptation. IEEE Transactions on Cybernetics, 2017, 47, 3280-3292.	9.5	17
41	Aircraft Maintenance Check Scheduling Using Reinforcement Learning. Aerospace, 2021, 8, 113.	2.2	17
42	Designing optimized drug candidates with Generative Adversarial Network. Journal of Cheminformatics, 2022, 14, .	6.1	17
43	Scaling Text Classification with Relevance Vector Machines. , 2006, , .		16
44	TOWARDS EXPANDING RELEVANCE VECTOR MACHINES TO LARGE SCALE DATASETS. International Journal of Neural Systems, 2008, 18, 45-58.	5.2	16
45	GPU Implementation of the Multiple Back-Propagation Algorithm. Lecture Notes in Computer Science, 2009, , 449-456.	1.3	16
46	Comparative study of classifier ensembles for cost-sensitive credit risk assessment. Intelligent Data Analysis, 2015, 19, 127-144.	0.9	16
47	Analysis of trends in seasonal electrical energy consumption via non-negative tensor factorization. Neurocomputing, 2015, 170, 318-327.	5.9	16
48	Simulation control of a biped robot with Support Vector Regression. , 2007, , .		14
49	Financial distress model prediction using SVM+. , 2010, , .		14
50	Restricted Boltzmann Machines and Deep Belief Networks on multi-core processors. , 2012, , .		14
51	Improving the Generalization Capacity of Cascade Classifiers. IEEE Transactions on Cybernetics, 2013, 43, 2135-2146.	9.5	14
52	Towards the evolution of multi-layered neural networks. , 2017, , .		14
53	Extracting Discriminative Features Using Non-negative Matrix Factorization in Financial Distress Data. Lecture Notes in Computer Science, 2009, , 537-547.	1.3	14
54	Non-negative Matrix Factorization Implementation Using Graphic Processing Units. Lecture Notes in Computer Science, 2010, , 275-283.	1.3	13

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55	Defining Semantic Meta-hashtags for Twitter Classification. Lecture Notes in Computer Science, 2013, , 226-235.	1.3	13
56	Machine Learning for Adaptive Many-Core Machines - A Practical Approach. Studies in Big Data, 2015, , .	1.1	13
57	Automatic generation of neural networks with structured Grammatical Evolution. , 2017, , .		13
58	Optimizing bloodâ€“brain barrier permeation through deep reinforcement learning for <i>de novo</i> drug design. Bioinformatics, 2021, 37, i84-i92.	4.1	13
59	Learning Manifolds for Bankruptcy Analysis. Lecture Notes in Computer Science, 2009, , 723-730.	1.3	13
60	Kernelized based functions with Minkovsky's norm for SVM regression. , 0, , .		12
61	Steganalysis of multi-class JPEG images based on expanded Markov features and polynomial fitting. , 2008, , .		12
62	GPULib: A new Library to combine Machine Learning algorithms with Graphics Processing Units. , 2010, , .		12
63	A stable credit rating model based on learning vector quantization. Intelligent Data Analysis, 2011, 15, 237-250.	0.9	12
64	Wavelet Decomposition and Singular Spectrum Analysis for electrical signal denoising. , 2011, , .		12
65	Magnetic and transport properties of transition-metal implanted ZnO single crystals. European Physical Journal B, 2011, 79, 185-195.	1.5	12
66	Introduction to Deep Learning Business Applications for Developers. , 2018, , .		12
67	Performance Comparison of Parametric and Non-Parametric Regression Models for Uncertainty Analysis of Sheet Metal Forming Processes. Metals, 2020, 10, 457.	2.3	12
68	Model Prediction of Defects in Sheet Metal Forming Processes. Communications in Computer and Information Science, 2018, , 169-180.	0.5	11
69	On the performance of learning machines for bankruptcy detection. , 0, , .		9
70	CHOOSING REAL-TIME PREDICTORS FOR VENTRICULAR ARRHYTHMIA DETECTION. International Journal of Pattern Recognition and Artificial Intelligence, 2007, 21, 1249-1263.	1.2	9
71	Structural and magnetic properties of thin films of BaFeO ₃ -Î´ deposited by pulsed injection metal-organic chemical vapor deposition. Journal of Applied Physics, 2012, 111, .	2.5	9
72	Fast DENSER: Efficient Deep NeuroEvolution. Lecture Notes in Computer Science, 2019, , 197-212.	1.3	9

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73	Shaping graph pattern mining for financial risk. Neurocomputing, 2019, 326-327, 123-131.	5.9	9
74	A Grassmannian Approach to Zero-Shot Learning for Network Intrusion Detection. Lecture Notes in Computer Science, 2017, , 565-575.	1.3	9
75	Cost-Sensitive Learning Vector Quantization for Financial Distress Prediction. Lecture Notes in Computer Science, 2009, , 374-385.	1.3	9
76	Supervised Isomap with Dissimilarity Measures in Embedding Learning. Lecture Notes in Computer Science, 2008, , 389-396.	1.3	8
77	Influence of class distribution on cost-sensitive learning: A case study of bankruptcy analysis. Intelligent Data Analysis, 2013, 17, 423-437.	0.9	8
78	Mining the Big Data: The Critical Feature Dimension Problem. , 2014, , .		8
79	A Hybrid AIS-SVM Ensemble Approach for Text Classification. Lecture Notes in Computer Science, 2011, , 342-352.	1.3	8
80	MONODA: a neural modular architecture for obstacle avoidance without knowledge of the environment. , 2000, , .		7
81	Hybrid learning in a multi-neural network architecture. , 0, , .		7
82	Margin-Based Active Learning and Background Knowledge in Text Mining. , 0, , .		7
83	Two-Level Hierarchical Hybrid SVM-RVM Classification Model. , 2006, , .		7
84	Hybrid Genetic Algorithm and Learning Vector Quantization Modeling for Cost-Sensitive Bankruptcy Prediction. , 2010, , .		7
85	Graph weighted subspace learning models in bankruptcy. , 2011, , .		7
86	Adaptive learning for dynamic environments: A comparative approach. Engineering Applications of Artificial Intelligence, 2017, 65, 336-345.	8.1	7
87	Active learning metamodeling for policy analysis: Application to an emergency medical service simulator. Simulation Modelling Practice and Theory, 2019, 97, 101947.	3.8	7
88	Advanced Capsule Networks via Context Awareness. Lecture Notes in Computer Science, 2019, , 166-177.	1.3	7
89	A neural prediction model for monitoring and fault diagnosis of a plastic injection moulding process. , 1999, , .		6
90	On learning control in industrial furnaces and boilers. , 0, , .		6

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91	On the Impact of Distance Metrics in Instance-Based Learning Algorithms. Lecture Notes in Computer Science, 2015, , 48-56.	1.3	6
92	Weighted Learning Vector Quantization to Cost-Sensitive Learning. Lecture Notes in Computer Science, 2010, , 277-281.	1.3	6
93	HANDLING MISSING VALUES VIA A NEURAL SELECTIVE INPUT MODEL. Neural Network World, 2012, 22, 357-370.	0.8	6
94	Exploring a Siamese Neural Network Architecture for One-Shot Drug Discovery. , 2020, , .		6
95	Artificial neural networks for data modelling of a plastic injection moulding process. , 0, , .		5
96	Fault detection in a thermoplastic injection molding process using neural networks. , 0, , .		5
97	Learning spectral calibration parameters for color inspection. , 0, , .		5
98	Labeled and unlabeled data in text categorization. , 0, , .		5
99	Sparse Bayesian Models: Bankruptcy-Predictors of Choice?. , 2006, , .		5
100	Premature ventricular beat detection by using spectral clustering methods. , 2007, , .		5
101	Offline and online deep learning for image recognition. , 2017, , .		5
102	Improving Household's Efficiency via Scheduling of Water and Energy Appliances. , 2018, , .		5
103	Using GP Is NEAT: Evolving Compositional Pattern Production Functions. Lecture Notes in Computer Science, 2018, , 3-18.	1.3	5
104	Detecting urban water consumption patterns: a time-series clustering approach. Water Science and Technology: Water Supply, 2019, 19, 2323-2329.	2.1	5
105	Hierarchical Deep Learning Approach for Plant Disease Detection. Lecture Notes in Computer Science, 2019, , 383-393.	1.3	5
106	Evolution of Scikit-Learn Pipelines with Dynamic Structured Grammatical Evolution. Lecture Notes in Computer Science, 2020, , 530-545.	1.3	5
107	Text Classification on Embedded Manifolds. Lecture Notes in Computer Science, 2008, , 272-281.	1.3	5
108	An Incremental Class Boundary Preserving Hypersphere Classifier. Lecture Notes in Computer Science, 2011, , 690-699.	1.3	5

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109	Extracting Features from an Electrical Signal of a Non-Intrusive Load Monitoring System. Lecture Notes in Computer Science, 2010, , 210-217.	1.3	5
110	Navigating mobile robots with a modular neural architecture. Neural Computing and Applications, 2003, 12, 200-211.	5.6	4
111	Ventricular Arrhythmias Assessment. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 3852-5.	0.5	4
112	Combining active learning and relevance vector machines for text classification. , 2007, , .		4
113	Manifold learning for premature ventricular contraction detection. , 2008, , .		4
114	Multi-threaded Support Vector Machines for Pattern Recognition. Lecture Notes in Computer Science, 2012, , 616-623.	1.3	4
115	Nanoparticles of Ni in ZnO single crystal matrix. European Physical Journal B, 2013, 86, 1.	1.5	4
116	Customized crowds and active learning to improve classification. Expert Systems With Applications, 2013, 40, 7212-7219.	7.6	4
117	Signature identification via efficient feature selection and GPU-based SVM classifier. , 2014, , .		4
118	The impact of longstanding messages in micro-blogging classification. , 2015, , .		4
119	DOTS: Drift Oriented Tool System. Lecture Notes in Computer Science, 2015, , 615-623.	1.3	4
120	Attribute Learning for Network Intrusion Detection. Advances in Intelligent Systems and Computing, 2017, , 39-49.	0.6	4
121	Automatic Evolution of AutoEncoders for Compressed Representations. , 2018, , .		4
122	An Online Platform For Real-Time Air Quality Monitoring. , 2019, , .		4
123	A Hybrid Application for Real-Time Air Quality Monitoring. , 2019, , .		4
124	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. Computers in Industry, 2020, 122, 103260.	9.9	4
125	Fast-DENSER: Fast Deep Evolutionary Network Structured Representation. SoftwareX, 2021, 14, 100694.	2.6	4
126	An Incremental Hypersphere Learning Framework for Protein Membership Prediction. Lecture Notes in Computer Science, 2012, , 429-439.	1.3	4

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127	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
128	Get Your Jokes Right: Ask the Crowd. Lecture Notes in Computer Science, 2011, , 178-185.	1.3	4
129	On the Regularization Parameter Selection for Sparse Code Learning in Electrical Source Separation. Lecture Notes in Computer Science, 2013, , 277-286.	1.3	4
130	Playful Probes for Design Interaction with Machine Learning: A Tool for Aircraft Condition-Based Maintenance Planning and Visualisation. Mathematics, 2022, 10, 1604.	2.2	4
131	Remaining Useful Life Estimation of Cooling Units via Time-Frequency Health Indicators with Machine Learning. Aerospace, 2022, 9, 309.	2.2	4
132	Feature Selection for Bankruptcy Prediction. International Journal of Natural Computing Research, 2010, 1, 71-91.	0.5	3
133	A strategy for dealing with missing values by using selective activation neurons in a multi-topology framework. , 2010, , .		3
134	A fast optimized semi-supervised non-negative Matrix Factorization algorithm. , 2011, , .		3
135	Active Manifold Learning with Twitter Big Data. Procedia Computer Science, 2015, 53, 208-215.	2.0	3
136	Choice of Best Samples for Building Ensembles in Dynamic Environments. Communications in Computer and Information Science, 2016, , 35-47.	0.5	3
137	Finding the Critical Sampling of Big Datasets. , 2017, , .		3
138	Novel Trends in Scaling Up Machine Learning Algorithms. , 2017, , .		3
139	Application of Bees Algorithm to Reduce Household's Energy Costs via Load Deferment. , 2018, , .		3
140	Modeling Abstract Concepts For Internet of Everything: A Cognitive Artificial System. , 2018, , .		3
141	Dynamic Human Gait VGRF Reference Profile Generation via Extreme Learning Machine. , 2018, , .		3
142	Efficient Transport Simulation With Restricted Batch-Mode Active Learning. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 3642-3651.	8.0	3
143	Learning non-convex abstract concepts with regulated activation networks. Annals of Mathematics and Artificial Intelligence, 2020, 88, 1207-1235.	1.3	3
144	Exploring Geometric Feature Hyper-Space in Data to Learn Representations of Abstract Concepts. Applied Sciences (Switzerland), 2020, 10, 1994.	2.5	3

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145	Optimizing Recurrent Neural Network Architectures for De Novo Drug Design. , 2021, , .		3
146	A Method to Improve Generalization of Neural Networks: Application to the Problem of Bankruptcy Prediction. , 2005, , 417-420.		3
147	Multi-Objective Evolutionary Algorithms for Feature Selection: Application in Bankruptcy Prediction. Lecture Notes in Computer Science, 2010, , 319-328.	1.3	3
148	NanoSen-AQM: From Sensors to Users. International Journal of Online and Biomedical Engineering, 2020, 16, 51.	1.4	3
149	Monitoring an Industrial Plastic Injection Moulding Machine Using Neural Networks. , 1999, , 89-94.		3
150	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
151	Sampling and Evaluating the Big Data for Knowledge Discovery. , 2016, , .		3
152	Incremental Evolution and Development of Deep Artificial Neural Networks. Lecture Notes in Computer Science, 2020, , 35-51.	1.3	3
153	Industrial visual inspection of lime granules by neural networks. Computers and Industrial Engineering, 1998, 35, 539-542.	6.3	2
154	On the Use of Neural Networks and Geometrical Criteria for Localisation of Highly Irregular Elliptical Shapes. Pattern Analysis and Applications, 1999, 2, 321-342.	4.6	2
155	Statistical Correlations and Machine Learning for Steganalysis. , 2005, , 437-440.		2
156	Selecting Examples in Manifold Reduced Feature Space for Active Learning. , 2008, , .		2
157	Improving recall values in breast cancer diagnosis with Incremental Background Knowledge. , 2010, , .		2
158	High-performance bankruptcy prediction model using Graphics Processing Units. , 2010, , .		2
159	Evaluation of a Resource Allocating Network with Long Term Memory Using GPU. Lecture Notes in Computer Science, 2011, , 41-50.	1.3	2
160	Improving Convergence of Restricted Boltzmann Machines via a Learning Adaptive Step Size. Lecture Notes in Computer Science, 2012, , 511-518.	1.3	2
161	Exploring the performance of non-negative multi-way factorization for household electrical seasonal consumption disaggregation. , 2014, , .		2
162	Mahalanobis distance metric learning algorithm for instance-based data stream classification. , 2016, , .		2

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163	Visualization of Individual Ensemble Classifier Contributions. Communications in Computer and Information Science, 2016, , 633-642.	0.5	2
164	Adaptive Learning Models Evaluation in Twitter's Timelines. , 2018, , .		2
165	Retweet Predictive Model for Predicting the Popularity of Tweets. Advances in Intelligent Systems and Computing, 2020, , 185-193.	0.6	2
166	Boosting dynamic ensemble's performance in Twitter. Neural Computing and Applications, 2020, 32, 10655-10667.	5.6	2
167	A Compressive Receding Horizon Approach for Smart Home Energy Management. IEEE Access, 2021, 9, 100407-100435.	4.2	2
168	Boosting RVM Classifiers for Large Data Sets. Lecture Notes in Computer Science, 2007, , 228-237.	1.3	2
169	Knowledge Extraction with Non-Negative Matrix Factorization for Text Classification. Lecture Notes in Computer Science, 2009, , 300-308.	1.3	2
170	Background on Text Classification. Studies in Computational Intelligence, 2010, , 3-29.	0.9	2
171	Biclustering and Subspace Learning with Regularization for Financial Risk Analysis. Lecture Notes in Computer Science, 2012, , 228-235.	1.3	2
172	Bayes information criterion for Tikhonov regularization with linear constraints: application to spectral data estimation. , 0, , .		2
173	Deep Neural Network Architecture for Drug-Target Interaction Prediction. Lecture Notes in Computer Science, 2019, , 804-809.	1.3	2
174	On the estimation of spectral data: a genetic algorithm approach. , 0, , .		1
175	On data based learning using support vector clustering. , 2002, , .		1
176	Speeding-up Text Categorization in a GRID Computing Environment. , 0, , .		1
177	ECC 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
178	Building resilient classifiers for LSB matching steganography. , 2008, , .		1
179	Smart home: A novel model for denoising an electrical signal. , 2011, , .		1
180	Space time frequency (STF) code tensor for the characterization of the epileptic preictal stage. , 2012, 2012, 621-4.		1

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181	Towards tangible benefits of corporate failure prediction with business sector: A comparative study. Intelligent Decision Technologies, 2016, 10, 431-442.	0.9	1
182	Financial credit risk assessment via learning-based hashing. Intelligent Decision Technologies, 2017, 11, 177-186.	0.9	1
183	Online Simulation of Methods to Predict the Remaining Useful Lifetime of Aircraft Components. , 2019, , .		1
184	Federated Learning as a Privacy-Providing Machine Learning for Defect Predictions in Smart Manufacturing. Smart and Sustainable Manufacturing Systems, 2021, 5, 1-17.	0.7	1
185	Emulating Cued Recall of Abstract Concepts via Regulated Activation Networks. Applied Sciences (Switzerland), 2021, 11, 2134.	2.5	1
186	Hashing for Financial Credit Risk Analysis. Lecture Notes in Computer Science, 2014, , 395-403.	1.3	1
187	Multiclass Ensemble of One-against-all SVM Classifiers. Lecture Notes in Computer Science, 2016, , 531-539.	1.3	1
188	Improving Personal Credit Scoring with HLVQ-C. Lecture Notes in Computer Science, 2009, , 97-103.	1.3	1
189	Aprendizagem Computacional em Engenharia. , 2020, , .		1
190	Improving Visualization, Scalability and Performance of Multiclass Problems with SVM Manifold Learning. Lecture Notes in Computer Science, 2009, , 370-379.	1.3	1
191	Kernel Machines for Text Classification. Studies in Computational Intelligence, 2010, , 31-48.	0.9	1
192	Non-intrusive Residential Electrical Consumption Traces. Advances in Intelligent and Soft Computing, 2011, , 51-58.	0.2	1
193	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
194	Credit Scoring for SME Using a Manifold Supervised Learning Algorithm. Lecture Notes in Computer Science, 2012, , 763-770.	1.3	1
195	Trading off Distance Metrics vs Accuracy in Incremental Learning Algorithms. Lecture Notes in Computer Science, 2017, , 530-538.	1.3	1
196	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
197	Critical Feature Selection and Critical Sampling for Data Mining. Communications in Computer and Information Science, 2018, , 13-24.	0.5	1
198	An Improvement for Capsule Networks Using Depthwise Separable Convolution. Lecture Notes in Computer Science, 2019, , 521-530.	1.3	1

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199	Prediction of the lime availability on an industrial kiln by neural networks. , 0, , .		0
200	RADIOMETRIC IMAGE CORRECTION WITH AUTOMATIC MODEL SELECTION. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2002, 35, 361-366.	0.4	0
201	Support Vector Machines in Fault Tolerance Control. AIP Conference Proceedings, 2002, , .	0.4	0
202	Sparse Bayesian Models: Bankruptcy-Predictors of Choice?. , 0, , .		0
203	Evaluation system for e-learning with pattern mining tools. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0
204	Controller design with a evolutionary multi-objective optimization approach. , 2010, , .		0
205	Towards a hybrid NMF-based neural approach for face recognition on GPUs. International Journal of Data Mining, Modelling and Management, 2012, 4, 138.	0.1	0
206	CrowdTargeting: Making Crowds More Personal. , 2013, , .		0
207	Ensemble learning for keyword extraction from event descriptions. , 2014, , .		0
208	Aggregated local models via subspace clustering. Intelligent Decision Technologies, 2014, 9, 153-165.	0.9	0
209	Dimensionality Reduction Using Graph Weighted Subspace Learning for Bankruptcy Prediction. Annals of Information Systems, 2015, , 155-178.	0.5	0
210	Learning the hash code with generalised regression neural networks for handwritten signature biometric data retrieval. , 2015, , .		0
211	A Structural Pattern Mining Approach for Credit Risk Assessment. Lecture Notes in Computer Science, 2015, , 73-84.	1.3	0
212	Perceiving Abstract Concepts Via Evolving Computational Cognitive Modeling. , 2018, , .		0
213	Active Learning for Input Space Exploration in Traffic Simulators. , 2018, , .		0
214	Smart Home Energy Management Supported by Cloud Computing. , 2019, , .		0
215	Multi-label learning vector quantization for semi-supervised classification. Intelligent Data Analysis, 2019, 23, 839-853.	0.9	0
216	Web-based tool for predicting the Remaining Useful Lifetime of Aircraft Components. , 2019, , .		0

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217	Optimization of selective ensemble for cost-sensitive classification: An empirical study. Intelligent Decision Technologies, 2019, 12, 399-410.	0.9	0
218	Reconstructing Abstract Concepts and their Blends Via Computational Cognitive Modeling. , 2020, , .		0
219	Prediction of the Remaining Useful Life of Aircraft Systems via Web Interface. International Journal of Online and Biomedical Engineering, 2020, 16, 23.	1.4	0
220	An Inductive Inference Approach to Large Scale Text Categorisation. , 2003, , 126-130.		0
221	A framework for neural quality control systems design. , 2003, , 101-106.		0
222	Framework for Text Classification. Studies in Computational Intelligence, 2010, , 117-128.	0.9	0
223	A Hybrid Face Recognition Approach Using GPULib. Lecture Notes in Computer Science, 2010, , 96-103.	1.3	0
224	Enhancing SVMs for Text Classification. Studies in Computational Intelligence, 2010, , 51-70.	0.9	0
225	Distributing Text Classification in Grid Environments. Studies in Computational Intelligence, 2010, , 93-115.	0.9	0
226	A Robust Learning Model for Dealing with Missing Values in Many-Core Architectures. Lecture Notes in Computer Science, 2011, , 108-117.	1.3	0
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