CITATION REPORT List of articles citing

Pattern Recognition and Neural Networks

DOI: 10.1017/CBO9780511812651, 1996, , .

Source: https://exaly.com/paper-pdf/84652545/citation-report.pdf

Version: 2024-04-23

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2281	Perspectives of fuzzy control: lights and shadows.		1
2280	A comparison of neural ICA algorithms using real-world data.		
2279	MIXFIT: an algorithm for the automatic fitting and testing of normal mixture models.		3
2278	Safety and security for 2000 telecommunications.		2
2277	Comparison of adaptive methods for function estimation from samples. 1996 , 7, 969-84		128
2276	Fundamentals of Artificial Neural Networks [Book Reviews]. 1996 , 42, 1322		4
2275	Prevision des ventes avec les reseaux de neurones: une etude de cas. 1996 , 11, 29-41		5
2274	Neural trees for image segmentation.		O
2273	Structure optimization of neural networks with the A*-algorithm. 1997 , 8, 1434-45		18
2272	Clinical gait analysis by neural networks: issues and experiences.		21
2271	Feature extraction from wavelet coefficients for pattern recognition tasks.		1
2270	Continuous optimization schemes for fuzzy classification.		
2269	INFOTREE: a contextual tree approach to supervised pattern recognition.		
2268	Bayesian feature selection for classifying multi-temporal SAR and TM data.		1
2267	. 1997,		116
2266	Measuring quality of care in a psychiatric hospital using artificial neural networks. 1997 , 12, 33-43		7
2265	Statistical analysis of regularization constant [From Bayes, MDL and NIC points of view. 1997 , 284-293		2

2264 Maximum certainty approach to feedforward neural networks. 1997 , 33, 306	3
2263 Exploration of text collections with hierarchical feature maps. 1997 , 31, 186-195	1
The probabilistic growing cell structures algorithm. 1997 , 649-654	4
2261 Self-organizing neural nets and the perceptual origin of the circle of fifths. 1997 , 169-180	
2260 Meat Speciation by near Infrared Reflectance Spectroscopy on Dry Extract. 1997 , 5, 195-208	17
2259 Conditional market segmentation by neural networks.	0
2258 An Introduction to Bayesian Networks. 1997 , 39, 336-337	5
En route to data mining in legal text corpora: clustering, neural computation, and international treaties.	8
2256 A general presentation of artificial neural networks. I. 1997 , 32, 97-112	10
2255 The Sonda Project: prevention, prediction, and psychological disorder. 1997 , 32, 1053-153	1
	4
2254 A fuzzy neural network approach to classification based on proximity characteristics of patterns.	4
2254 A fuzzy neural network approach to classification based on proximity characteristics of patterns. 2253 Mortgage data mining.	
	4
2253 Mortgage data mining.	4
2253 Mortgage data mining. 2252 The nature of statistical learning theory~. 1997, 8, 1564 PD source identification with novel discharge parameters using counterpropagation neural	4 4 201
2253 Mortgage data mining. 2252 The nature of statistical learning theory~. 1997, 8, 1564 2251 PD source identification with novel discharge parameters using counterpropagation neural networks. 1997, 4, 17-32	4 4 201 48
2252 Mortgage data mining. 2252 The nature of statistical learning theory~. 1997, 8, 1564 PD source identification with novel discharge parameters using counterpropagation neural networks. 1997, 4, 17-32 2250 Adaptive regularization of neural classifiers.	4 4 201 48 11

2246	The Current Position of Statistics: A Personal View. 1997 , 65, 261-276	14
2245	Discussion: Current Influences of Computing on Statistics. 1997 , 65, 277-280	
2244	Extraction of independent signal sources using a deflationary exploratory projection pursuit network with lateral inhibition. 1997 , 144, 299	25
2243	Neural and statistical classifiers-taxonomy and two case studies. 1997 , 8, 5-17	76
2242	Comparison of neural networks and statistical models to predict gestational age at birth. 1997 , 6, 158-164	2
2241	Combining linear discriminant functions with neural networks for supervised learning. 1997 , 6, 19-41	9
2240	INFOTREE: A new generic method for supervised pattern recognition based on a contextual tree. 1997 , 18, 1211-1217	О
2239	Selection of Tree-Biased Classifiers with the Bootstrap 632+ Rule. 1997 , 39, 369-382	4
2238	The use of active shape models for making thickness measurements of articular cartilage from MR images. 1997 , 37, 943-52	121
2237	Pattern recognition approaches in biomedical and clinical magnetic resonance spectroscopy: a review. 1997 , 10, 99-124	66
2236	Neural network analysis of complex traits. 1997 , 14, 1101-6	55
2235	Artificial neural networks for computer-based molecular design. 1998 , 70, 175-222	160
2234	A nonlinear model of the binaural cocktail party effect. 1998 , 22, 201-215	5
2233	Use of parametric modelling and statistical pattern recognition in detection of awareness during general anaesthesia. 1998 , 145, 307-316	7
2232	Neural network models for breast cancer prognosis. 1998 , 7, 367-375	24
2231	Feature extraction for on-line EEG classification using principal components and linear discriminants. 1998 , 36, 309-14	29
2230	Computational intelligence methods for process discovery. 1998 , 11, 675-681	7
2229	Neural classifier construction using regularization, pruning and test error estimation. 1998 , 11, 1659-1670	17

Empirical models of farmer behaviour using psychological, social and economic variables. Part II: nonlinear and expert modelling. 1998 , 58, 225-241		19
2227 Rough fuzzy MLP: knowledge encoding and classification. 1998 , 9, 1203-16		103
2226 Feature subset selection using a genetic algorithm. 1998 , 13, 44-49		557
2225 Statistical inference: learning in artificial neural networks. 1998 , 2, 4-10		8
Decision rule for pattern classification by integrating interval feature values. 1998 , 20, 440-448		22
Bayesian approaches to Gaussian mixture modeling. 1998 , 20, 1133-1142		185
Bayesian classification with Gaussian processes. 1998 , 20, 1342-1351		370
Comments, conjectures and conclusions. <i>Journal of Statistical Computation and Simulation</i> , 1998 , 61, 287-312	0.9	2
Comparative nonlinear modeling of renal autoregulation in rats: Volterra approach versus artificial neural networks. 1998 , 9, 430-5		13
2219 Context and scale influencing clustering through unsupervised neural networks.		О
2218 Adaptive metric kernel regression.		1
2217 A real-time system for video surveillance of unattended outdoor environments. 1998 , 8, 697-704		64
2216 A wavelet-based multiresolution statistical model for texture. 1998 , 7, 1621-7		19
2215 Neural-network design for small training sets of high dimension. 1998 , 9, 266-80		47
2214 Condensing image databases when retrieval is based on non-metric distances.		7
2213 Time series forecasting with neural networks.		4
Some reflections on artificial neural networks and statistics: two ways of obtaining solutions by working with data. 1998 , 33, 221-31		1
2211 Theory: Foundations of Artificial Neural Networks. 1998 , 33, 17-199		13

2210 Learning vector quantization networks. **1998**, 33, 271-82

2209 Multimodality exploration by an unsupervised projection pursuit neural network. 1998 , 9, 464-72	7
Evaluation of alternative model selection criteria in the analysis of unimodal response curves using CART. 1998 , 25, 685-698	8
2207 Hierarchical radial basis function networks.	9
2206 Prediction Intervals for Neural Networks via Nonlinear Regression. 1998 , 40, 273-282	75
2205 Coastal upwelling prediction with a mixture of neural networks. 1998 , 36, 1508-1518	10
Identification of Modified Starches Using Infrared Spectroscopy and Artificial Neural Network Processing. 1998 , 52, 329-338	33
2203 Feature Subset Selection Using a Genetic Algorithm. 1998 , 117-136	191
2202 INDIVIDUALLY DISTINCTIVE CORNCRAKE CREX CREX CALLS: A FURTHER STUDY. 1998 , 9, 135-148	14
Timing of Vote Decision in First and Second Order Dutch Elections 1978 1 995: Evidence from Artificial Neural Networks. 1998 , 7, 117-142	6
A review of methods for spike sorting: the detection and classification of neural action potentials. 1998, 9, R53-R78	466
Comparing the value of service between a state hospital and a private, for-profit psychiatric hospital: a clarified role for tertiary care. 1998 , 13, 147-57	
Utilizing feedforward neural networks for acceleration of global optimization procedures [SMES problems]. 1998 , 34, 2928-2931	18
2197 Handwritten character recognition based on moment features derived from image partition.	7
Concerning Bayesian motion segmentation, model averaging, matching and the trifocal tensor. 1998 , 511-527	15
2195 Classification systems based on neural networks.	1
2194 MetaNet: the theory of independent judges. 1998 , 33, 439-61	26
2193 Book Reviews. 1998 , 93, 832-844	

2192 .		10
2191 Phase transitions in optimal unsupervised learning. 1998 , 57, 3326-3333		11
2190 Self-Organizing Graphs IA Neural Network Perspective of Graph Layout. 1998 , 246-262		21
2189 Outlier detection using classifier instability. 1998 , 593-601		38
Determining the number of state psychiatric hospital beds by measuring quality of care with artificial neural networks. 1998 , 13, 13-24		11
2187 Neural networks and hybrid intelligent models: foundations, theory, and applications. 1998 , 9, 721-3		11
C.451. Regularized quadratic discriminant methods for skewed binary classification. <i>Journal of Statistical Computation and Simulation</i> , 1998 , 60, 176-180	0.9	1
2185 Robust cluster analysis via mixtures of multivariate t-distributions. 1998 , 658-666		52
A comparative study of the psychiatric care between locum tenens and staff physicians in a state hospital. 1998 , 13, 70-80		6
$_{21}8_{3}$ A simple model for neural computation with firing rates and firing correlations. 1998 , 9, 381-397		5
2182 Kohonen networks and the influence of training on data structures.		
$_{21}8_{1}$ A review on merging some recent techniques with artificial neural networks.		1
2180 A sensory uncertainty field model for unknown and non-stationary mobile robot environments.		1
2179 Using class separation for feature analysis and combination of class-dependent features.		2
2178 A study of prior sensitivity for Bayesian predictive classification based robust speech recognition.		1
2177 Globally convergent stochastic optimization with optimal asymptotic distribution. 1998 , 35, 395-406		3
2176 Soft Computing Tools and Pattern Recognition. 1998 , 44, 61-87		3
2175 Model switching for bayesian classification trees with soft splits. 1998 , 148-157		1

2174 Optimum decision rules in pattern recognition. 1998 , 726-735	4
New Approaches to Conceptual and Preliminary Aircraft Design: A Comparative Assessment of a Neural Network Formulation and a Response Surface Methodology. 1998 ,	20
2172 Metrics and models for handwritten character recognition. 1998 , 13, 54	52
2171 R. A. Fisher in the 21st century (Invited paper presented at the 1996 R. A. Fisher Lecture). 1998 , 13,	89
2170 Application of neural networks to stereoscopic imaging velocimetry. 1998 ,	
2169 Ranked rules and data visualization. 1998 , 47-55	
2168 Sequential decision-making using feedforward neural networks: applications in surgery.	
2167 Feedforward Neural Nets. 1999 ,	9
2166 Regularization in skewed binary classification. 1999 , 14, 277-292	13
2165 Perceptrons. 1999 ,	1
2164 Building algorithm profiles for prior model selection in knowledge discovery systems.	1
2163 Robust independent component analysis algorithms for projection pursuit.	
2162 Using the receiver operating characteristic to asses the performance of neural classifiers. 1999 ,	18
Avoiding overfitting in the analysis of high-dimensional data with artificial neural networks (ANNs). 1999, 124, 1675-81	24
	24
²¹⁶¹ 1999 , 124, 1675-81	24 11
1999, 124, 1675-81 2160 Breeding policies in evolutionary approximation of optimal subspace. 1999,	

2156	Semantic organization of scenes using discriminant structural templates. 1999,	21
2155	Further results on the margin distribution. 1999,	23
2154	Nonlinear methods for clustering and reduction of dimensionality.	O
2153	Predicting U.S. Business-Cycle Regimes. 1999 , 17, 313-323	41
2152	A neural-network architecture for syntax analysis. 1999 , 10, 94-114	8
2151	Data-driven theory refinement algorithms for bioinformatics.	2
2150	Predicting pickle harvests using a parametric feedforward neural network. 1999 , 26, 165-176	4
2149	Boosting Naive-Bayes classifiers to predict outcomes for hip prostheses.	
2148	On condition monitoring of exhaust valves in marine diesel engines.	15
2147	Stochastic Optimization Methods for Fitting Polyclass and Feed-Forward Neural Network Models. 1999 , 8, 169-189	1
2146	Approximation theory of the MLP model in neural networks. 1999 , 8, 143-195	396
2145	Comparing performance of feedforward neural nets and K-means for cluster-based market segmentation. 1999 , 114, 346-353	88
2144	Statistical analysis of learning dynamics. 1999 , 74, 3-28	16
2143	Model selection in neural networks. 1999 , 12, 309-323	217
2142	A comparison of Gaussian and Pearson mixture modeling for pattern recognition and computer vision applications. 1999 , 20, 305-313	12
2141	Multivariate strategies for classification based on NIR-spectral with application to mayonnaise. 1999 , 49, 19-31	60
2140	Mass spectral search method using the neural network approach. 1999 , 49, 135-150	27
2139	Tree architecture in relation to leaf dimensions and tree stature in temperate and tropical rain forests. 1999 , 87, 1012-1024	33

2138	Assessing sensitivity in a multidimensional space: some problems and a definition of a general d'. 1999 , 6, 224-38	20
2137	The use of electron spin resonance spectroscopy for determining the provenance of classical marbles. 1999 , 16, 383-402	15
2136	Improving clinical decision support through case-based data fusion. 1999 , 46, 1181-5	16
2135	Neural-network-based decision making in diagnostic applications. 1999 , 18, 89-93	8
2134	Autonomous underwater vehicle guidance by integrating neural networks and geometric reasoning. 1999 , 10, 385-396	2
2133	A comparative study of uncertainty methods for legal reasoning. 1999 , 14, 1269-1292	1
2132	Improving protein identification from peptide mass fingerprinting through a parameterized multi-level scoring algorithm and an optimized peak detection. 1999 , 20, 3535-50	117
2131	A comparison of statistical methods for prenatal screening for Down syndrome. 1999 , 15, 89-101	42
2130	Assessment and comparison of prognostic classification schemes for survival data. 1999 , 18, 2529-45	420
2129	Solid-state nuclear magnetic resonance relaxation times in crosslinked macroporous polymer particles of divinylbenzene homopolymers. 1999 , 37, 1307-1328	5
2128	Hybrid neural network models for environmental process control (The 1998 Hunter Lecture). 1999 , 10, 225-236	4
2127	Novel flybridtlassification method employing Bayesian networks. 1999 , 13, 579-590	10
2126	Feature selection by genetic algorithm for MRI segmentation. 1999 , 30, 69-78	8
2125	Fundamental bounds on edge detection: an information theoretic evaluation of different edge cues.	27
2124	Hierarchical Neural Network Modeling for Infrared Spectra Interpretation of Modified Starches. 1999 , 39, 1027-1036	10
2123	Tracking of moving objects with multiple models using Gaussian mixtures. 1999,	3
2122	Estimation of random trajectories on manifolds: application to object tracking.	
2121	Experience with FNN models for medium term power demand predictions. 1999 , 14, 538-546	32

2120 An axiomatic approach to soft learning vector quantization and clustering. 1999 , 10, 1153-65	29
2119 Presupervised and post-supervised prototype classifier design. 1999 , 10, 1142-52	13
2118 Prototype search for a nearest neighbor classifier by a genetic algorithm.	1
2117 Application of self-organizing network and MLP for fuzzy rule extraction.	
2116 Mass spectral search method using the neural network approach.	
2115 Feature extraction from wavelet coefficients for pattern recognition tasks. 1999 , 21, 83-88	160
2114 . 1999 , 21, 386-401	55
Analysis of class separation and combination of class-dependent features for handwriting recognition. 1999 , 21, 1089-1094	50
2112 A kurtosis-based dynamic approach to Gaussian mixture modeling. 1999 , 29, 393-399	51
2111 Support vector machines for optimal classification and spectral unmixing. 1999 , 120, 167-179	110
Pattern discovery by residual analysis and recursive partitioning. 1999 , 11, 833-852	25
2109 On the Use of Self-Organizing Maps for Clustering and Visualization. 1999 , 80-88	18
2108 Fisher discriminant analysis with kernels.	815
Combining in vitro and in vivo pharmacokinetic data for prediction of hepatic drug clearance in humans by artificial neural networks and multivariate statistical techniques. 1999 , 42, 5072-6	70
2106 Model complexity control for regression using VC generalization bounds. 1999 , 10, 1075-89	111
2105 On Fitting Mixture Models. 1999 , 54-69	63
2104 Temporal sequence learning and data reduction for anomaly detection. 1999 , 2, 295-331	215
2103 Mapping genotype to phenotype for linkage analysis. 1999 , 17 Suppl 1, S703-8	11

2102	Choosing models in model-based clustering and discriminant analysis. <i>Journal of Statistical Computation and Simulation</i> , 1999 , 64, 49-71	0.9	61
2101	Automatic Learning Using Neural Networks and Adaptive Regression. 1999 , 32, 270-274		2
2100	Approximation of the objective function: multiquadrics versus neural networks. 1999 , 18, 250-265		3
2099	On-line gradient learning algorithms for K-nearest neighbor classifiers. 1999 , 546-555		
2098	Neural network classification of tan spot and stagonospora blotch infection periods in a wheat field environment. 2000 , 90, 108-13		35
2097	Applying artificial neural network models to clinical decision making 2000 , 12, 40-51		26
2096	Near Infrared Spectrometry and Pattern Recognition as Screening Methods for the Authentication of Virgin Olive Oils of Very Close Geographical Origins. 2000 , 8, 45-52		70
2095	On the misuses of artificial neural networks for prognostic and diagnostic classification in oncology. 2000 , 19, 541-61		160
2094	A general framework for functional networks. 2000 , 35, 70-82		33
2093	Pattern recognition: Historical perspective and future directions. 2000 , 11, 101-116		16
2092	Learning from Data: Concepts, Theory and Methods, Vladimir Cherkassky and Filip Mulier, John Wiley, New York, 1998. 2000 , 10, 747-748		2
2091	Pacific herring, Clupea pallasi, recruitment in the Bering Sea and north-east Pacific Ocean, I: relationships among different populations. 2000 , 9, 285-299		22
2090	Pacific herring, Clupea pallasi, recruitment in the Bering Sea and north-east Pacific Ocean, II: relationships to environmental variables and implications for forecasting. 2000 , 9, 300-315		25
2089	Data visualization by multidimensional scaling: a deterministic annealing approach. 2000 , 33, 651-669		34
2088	Modeling of visual flotation froth data. 2000 , 8, 313-318		16
2087	Noisy replication in skewed binary classification. 2000 , 34, 165-191		55
2086	Formal methods in pattern recognition: A review. 2000 , 120, 459-495		43
2085	Hierarchical clustering of self-organizing maps for cloud classification. 2000 , 30, 47-52		63

(2000-2000)

2084 Footprint-based personal recognition. 2000 , 47, 1534-7	85
2083 Antenatal fetal risk assessment by blood-flow velocity waveforms. 2000 , 19, 88-93	3
Application of neural networks and sensitivity analysis to improved prediction of trauma survival. 2000 , 62, 11-9	123
2081 Statistical pattern recognition: a review. 2000 , 22, 4-37	3578
$_{ m 208o}$ Wrapped feature selection by means of guided neural network optimisation.	1
2079 Application of Neural Networks to Stereoscopic Imaging Velocimetry. 2000 , 38, 487-492	8
General statistical inference for discrete and mixed spaces by an approximate application of the maximum entropy principle. 2000 , 11, 558-73	13
2077 Weight adaptation and oscillatory correlation for image segmentation. 2000 , 11, 1106-23	53
2076 Class prediction and discovery using gene expression data. 2000 ,	59
2075 10.1162/15324430260185565. 2000 , 1,	93
2074 Bragg curve identification using a neural network. 2000 ,	
2073 Comparison between two prototype representation schemes for a nearest neighbor classifier.	1
2072 Fuzzy c-means in an MDL-framework.	1
2071 Supervised linear feature extraction for mobile robot localization.	12
2070 Data mining: data analysis on a grand scale?. 2000 , 9, 309-27	24
2069 Data mining and electroencephalography. 2000 , 9, 395-413	5
2068 .	33
2067 Analyzing human gait patterns for malfunction detection. 2000,	10

2066	Tissue classification with gene expression profiles. 2000 ,	34
2065	Neural discriminant analysis. 2000 , 11, 1394-401	15
2064	A minimax search algorithm for robust continuous speech recognition. 2000 , 8, 688-694	9
2063	Classification of the electrocardiogram using selected wavelet coefficients and linear discriminants.	2
2062	Book Reviews. 2000 , 95, 674-689	
2061	Unsupervised contour representation and estimation using B-splines and a minimum description length criterion. 2000 , 9, 1075-87	69
2060	A Bayesian predictive classification approach to robust speech recognition. 2000 , 8, 200-204	24
2059	Bayesian nonlinear model selection and neural networks: a conjugate prior approach. 2000 , 11, 265-78	29
2058	Improving Quantitative Studies of International Conflict: A Conjecture. 2000 , 94, 21-35	156
2057	Target classification via support vector machines. 2000 , 39, 704	8
2056	Efficient improvement of silage additives by using genetic algorithms. 2000 , 66, 1435-43	25
2055	Artificial Neural Network Decision Support Systems for New Product Development Project Selection. 2000 , 37, 499-507	79
2054	Clustering-and-selection model for classifier combination.	47
2053	Trip distribution forecasting with multilayer perceptron neural networks: A critical evaluation. 2000 , 34, 53-73	56
2052	Fitting optimal piecewise linear functions using genetic algorithms. 2000 , 22, 701-718	23
2051	Discovering relevance knowledge in data: a growing cell structures approach. 2000 , 30, 448-60	18
2050	. 2000 , 4, 327-336	137
2049	On-line system identification and control design of an extrusion cooking process: Part I. System identification. 2000 , 11, 103-120	14

2048 Applications of artificial neural network based fuzzy inference system. **2000**, 163-180

2047 A statistical method for 3D object detection applied to faces and cars.	319
2046 Artificial neural network estimation of rainfall intensity from radar observations. 2000 , 105, 24849-24861	18
2045 Automatic classification of sleep apnea epochs using the electrocardiogram.	16
2044 Improving Quantitative Studies of International Conflict: A Conjecture. 2000 , 94, 21	73
2043 ANN-based pattern recognition technique for power system security assessment.	5
2042 Regularized color clustering in medical image database. 2000 , 19, 1150-5	47
2041 Bundle Adjustment [A Modern Synthesis. 2000 , 298-372	121 0
2040 Artificial intelligence methodology for separation and classification of partial discharge signals.	14
2039 Statistical cues for domain specific image segmentation with performance analysis.	37
New Uses of Statistics in Retail Banking. 2000, 20, 305-344	
2037 Statistics and Marketing. 2000 , 95, 635-638	4
A comparison of the use of different wavelet coefficients for the classification of the electrocardiogram.	5
2035 Using wavelet coefficients for the classification of the electrocardiogram.	22
Recognition of antegrade and retrograde atrial activation patterns using hybrid wavelet neural network schemes.	
2033 Use of neural networks for feature based recognition of liver region on CT images.	1
2032 Camera model selection based on geometric AIC.	3
2031 Modeling text with generalizable Gaussian mixtures.	7

2030 Beat classification for use in arrhythmia analysis.	1
Gene expression patterns and cancer classification: a self-adaptive and incremental neural approach.	4
2028 Bulk analysis of tobacco and cigarettes by magnetic resonance imaging. 2000 , 48, 2199-207	5
2027 A comparison of the ECG classification performance of different feature sets.	8
2026 On the use of neural networks for dendroclimatic reconstructions. 2000 , 27, 791-794	16
On adaptive decision rules and decision parameter adaptation for automatic speech recognition. 2025 2000 , 88, 1241-1269	71
2024 Constructive neural-network learning algorithms for pattern classification. 2000 , 11, 436-51	130
2023 Land-use and Catchment Characteristics. 2000 , 133-156	5
2022 Artificial Intelligence and Expert Systems in Mass Spectrometry. 2000 ,	3
2021 Variational Gaussian process classifiers. 2000 , 11, 1458-64	103
Variational Gaussian process classifiers. 2000 , 11, 1458-64 2020 Stochastic neural computation. II. Soft competitive learning. 2001 , 50, 906-920	103 58
	, and the second
2020 Stochastic neural computation. II. Soft competitive learning. 2001 , 50, 906-920	58
2020 Stochastic neural computation. II. Soft competitive learning. 2001 , 50, 906-920 2019 . 2001 , 89, 1419-1440	58 47
2020 Stochastic neural computation. II. Soft competitive learning. 2001 , 50, 906-920 2019 . 2001 , 89, 1419-1440 2018 A robust rainfall-runoff transfer model. 2001 , 37, 3207-3216	58 47 2
2020 Stochastic neural computation. II. Soft competitive learning. 2001, 50, 906-920 2019 . 2001, 89, 1419-1440 2018 A robust rainfall-runoff transfer model. 2001, 37, 3207-3216 2017 Toward a versatile ultrasonic sensor.	58 47 2
2020 Stochastic neural computation. II. Soft competitive learning. 2001, 50, 906-920 2019 . 2001, 89, 1419-1440 2018 A robust rainfall-runoff transfer model. 2001, 37, 3207-3216 2017 Toward a versatile ultrasonic sensor. 2016 Improving prediction of customer behavior in nonstationary environments.	58 47 2 2

(2001-2001)

One-pass training of optimal architecture auto-associative neural network for detecting ectopic beats. 2001 , 37, 1126	31
2011 Image classification for content-based indexing. 2001 , 10, 117-30	430
2010 Olfactory classification via interpoint distance analysis. 2001 , 23, 404-413	12
2009 . 2001 , 23, 1120-1136	209
Estimating pixel-scale land cover classification confidence using nonparametric machine learning methods. 2001 , 39, 1959-1968	76
2007 Design of evolutionary algorithms-A statistical perspective. 2001 , 5, 129-148	36
2006 A new method for sparsity control in support vector classification and regression. 2001 , 34, 111-125	14
Spatial prediction of tree and shrub succession in a small watershed in Northern Cape Breton Island, Nova Scotia, Canada. 2001 , 137, 181-199	17
A Rule Induction Algorithm for Application to Petrophysical, Seismic, Geological and Reservoir Data. 2001 ,	
2003 Automated assessment of atrial fibrillation.	9
2003 Automated assessment of atrial fibrillation. 2002 .	9
	9 73
2002 .	
2002 . 2001 Bankruptcy analysis with self-organizing maps in learning metrics. 2001, 12, 936-47 Penalized discriminant analysis of [150]-water PET brain images with prediction error selection of	73
2001 Bankruptcy analysis with self-organizing maps in learning metrics. 2001, 12, 936-47 2000 Penalized discriminant analysis of [150]-water PET brain images with prediction error selection of smoothness and regularization hyperparameters. 2001, 20, 376-87	73
2001 Bankruptcy analysis with self-organizing maps in learning metrics. 2001, 12, 936-47 2000 Penalized discriminant analysis of [150]-water PET brain images with prediction error selection of smoothness and regularization hyperparameters. 2001, 20, 376-87 1999 INFORMATION MATRIX AND APPLICATION*. 2001, 30, 603-622	73
2001 Bankruptcy analysis with self-organizing maps in learning metrics. 2001, 12, 936-47 2000 Penalized discriminant analysis of [150]-water PET brain images with prediction error selection of smoothness and regularization hyperparameters. 2001, 20, 376-87 1999 INFORMATION MATRIX AND APPLICATION*. 2001, 30, 603-622 1998 Model-based noise reduction for single trial evoked potentials.	73

1994 Discriminant functions and decision tree induction techniques for antenatal fetal risk assessment.

1993	Logistic Regression in Rare Events Data. 2001 , 9, 137-163	2185
1992	An artificial neural net attraction model (ANNAM) to analyze market share effects of marketing instruments. 2001 , 53, 27-40	5
1991	Multilocus linkage analysis of the German asthma data. 2001 , 21 Suppl 1, S210-5	3
1990	Neural networks in stochastic mechanics. 2001 , 8, 303-342	20
1989	Modelling cause-specific hazards with radial basis function artificial neural networks: application to 2233 breast cancer patients. 2001 , 20, 3677-94	19
1988	Comparison of artificial neural networks with other statistical approaches: results from medical data sets. 2001 , 91, 1636-42	214
1987	Neural networks and disease association studies. 2001 , 105, 60-61	23
1986	Analysing gene expression data from DNA microarrays to identify candidate genes. 2001, 195, 53-65	108
1985	Sequence complexity of disordered protein. 2001 , 42, 38-48	1295
1984	SOMCD: method for evaluating protein secondary structure from UV circular dichroism spectra. 2001 , 42, 460-70	71
1983	Brave new modeling: Cellular automata and artificial neural networks for mastering complexity in economics. 2001 , 7, 39-47	4
1982	Nearest prototype classifier designs: An experimental study. 2001 , 16, 1445-1473	142
1981	Feature-space clustering for fMRI meta-analysis. 2001 , 13, 165-83	91
1980	Flexible regression modeling. 2001, 29, 343-364	3
1979	Probabilistic data association methods for tracking complex visual objects. 2001 , 23, 560-576	230
1978	Origins of Flavour in Whiskies and a Revised Flavour Wheel: a Review. 2001 , 107, 287-313	98
1977	Relating amino acid sequence to phenotype: analysis of peptide-binding data. 2001 , 57, 632-42	38

1976 Probabilistic Models for Bacterial Taxonomy. 2001 , 69, 249-276	8
1975 Idiot's BayesNot So Stupid After All?. 2001 , 69, 385-398	453
A connectionist-geostatistical approach to automated image classification, applied to the analysis of crevasse patterns in surging ice. 2001 , 27, 499-512	18
A computational neural approach to support the discovery of gene function and classes of cancer. 2001 , 48, 332-9	. 46
1972 Dynamic programming and the graphical representation of error-correcting codes. 2001 , 47, 549-5	568 20
1971 Antenatal fetal risk assessment using a neurofuzzy technique. 2001 , 20, 165-9	5
Bleeding predisposition assessments in tonsillectomy/adenoidectomy patients using fuzzy interquartile encoded neural networks. 2001 , 21, 65-90	9
An intelligent medical decision: antenatal fetal risk assessment by neuro-fuzzy technique using Doppler blood flow velocity waveforms from umbilical and cerebral artery.	
1968 An analysis of neural receptive field plasticity by point process adaptive filtering. 2001 , 98, 12261-	-6 116
Near optimal wireless data broadcasting based on an unsupervised neural network learning algorithm.	
1966 Classification of indoor environment using only one ultrasonic sensor.	5
1965 A nearest neighbour rule with class membership (NNRC) for modelling problems.	
1964 Label prototypes for modelling with words.	4
1963 .	4
Multiperspective recognition applied to the computer-aided medical diagnosis - a comparative study of methods.	
1961 Comparison of feed-forward neural net algorithms in application to character recognition.	o
1960 Edge-based features from omnidirectional images for robot localization.	4
1959 Knowledge discovery in marketing. 2001 , 35, 915-937	17

1958	Predictive performance of missing data methods for logistic regression, classification trees and neural networks. <i>Journal of Statistical Computation and Simulation</i> , 2001 , 71, 115-140	0.9	2
1957	Nonmetric Multidimensional Scaling with Neural Networks. 2001 , 145-155		1
1956	EigenGait: Motion-Based Recognition of People Using Image Self-Similarity. 2001, 284-294		109
1955	Automatic text representation, classification and labeling in European law. 2001,		20
1954	Genomic computing. Explanatory analysis of plant expression profiling data using machine learning. 2001 , 126, 943-51		75
1953	Explaining Rare Events in International Relations. 2001 , 55, 693-715		473
1952	ABC stenosis morphology classification and outcome of coronary angioplasty: reassessment with computing techniques. 2001 , 103, 1225-31		8
1951	Data mining techniques to improve forecast accuracy in airline business. 2001,		17
1950	Bayesian learning of sparse classifiers.		19
1949	FishHabitat Relationships in Lakes: Gaining Predictive and Explanatory Insight by Using Artificial Neural Networks. 2001 , 130, 878-897		94
1948	Automatic pattern recognition by similarity representations. 2001, 37, 159		18
1947	Developing an efficient cross validation strategy to determine classifier performance (CVCP).		2
1946	Extraction of motion strength and motor activity signals from video recordings of neonatal seizures. 2001 , 20, 965-80		39
1945	Transformation-based Bayesian predictive classification using online prior evolution. 2001 , 9, 399-410		7
1944	Toward Intelligent Systems: Calculi of Information Granules. 2001 , 251-260		23
1943	Histogram methods in query optimization: the relation between accuracy and optimality. 2001,		
1942	Algorithm for data clustering in pattern recognition problems based on quantum mechanics. 2002 , 88, 018702		96
1941	Shape from texture and integrability.		28

1940 SAR image classification using a neural classifier based on Fisher criterion.	1
1939 Combining neuro-fuzzy classifiers for improved generalisation and reliability.	12
Patterns of human diversity, within and among continents, inferred from biallelic DNA polymorphisms. 2002 , 12, 602-12	153
Finding genes in the C2C12 osteogenic pathway by k-nearest-neighbor classification of expression data. 2002 , 12, 165-76	53
1936 Rejection strategies and confidence measures for a k-NN classifier in an OCR task.	12
1935 Semantic extraction of the building images using support vector machines.	3
1934 Performance results of recognizing various class types using classifier decision fusion.	
Automatic sleep apnoea detection using measures of amplitude and heart rate variability from the electrocardiogram. 1933	5
Use of neural networks to discriminate between control leaves of wheat or those deficient in nitrogen, phosphorus, potassium, and calcium using spectral data.	
1931 Autonomous terrain characterisation and modelling for dynamic control of unmanned vehicles.	20
1930 Measuring system normality. 2002 , 20, 125-160	35
1929 Pattern discovery in sequences under a Markov assumption. 2002 ,	21
1928 Digital kernel perceptron. 2002 , 38, 445	7
1927 Particle swarms for feedforward neural network training.	97
1926 Neural network methods for radar processing.	2
Neural network methods for radar processing. 1926 Parametric models and spectral analysis for classification in brain-computer interfaces.	11

1922 Maximum Contrast Classifiers. 2002 , 745-750	2
Diagnostic potential of Fourier-transform infrared microspectroscopy and advanced computational methods in colon cancer patients. 2002 , 7, 248-54	122
1920 Object Perception: Generative Image Models and Bayesian Inference. 2002 , 207-218	4
1919 Neural network pruning using MV regularizer.	Ο
1918 Extracting Global Structure from Gene Expression Profiles. 2002 , 81-90	5
1917 A simultaneous filtering and feature extraction strategy for direct brain interfacing.	1
1916 Adaptive high order neural trees for pattern recognition.	1
1915 Identifying the structure in cuttlefish visual signals. 2002 , 357, 1617-24	22
1914 Statistical Fraud Detection: A Review. 2002 , 17, 235	459
Application of artificial aging techniques to samples of rum and comparison with traditionally aged rums by analysis with artificial neural nets. 2002 , 50, 1470-7	17
Demersal fish assemblages along the continental shelf and upper slope of the east coast of the South Island, New Zealand. 2002 , 36, 197-223	31
1911 Multiplier-free feedforward networks.	2
1910 Coverage-performance curves for classification in datasets with a typical data.	1
1909 Digital detection and fuzzy classification of partial discharge signals. 2002 , 9, 335-348	220
1908 . 2002 , 24, 509-522	3948
1907 A hierarchical classification system for object recognition in underwater environments. 2002 , 27, 66-78	18
1906 Pattern analysis for machine olfaction: a review. 2002 , 2, 189-202	384
1905 Modeling High Cycle Fatigue with Markov Chain Monte Carlo - A New Look at an Old Idea. 2002 ,	5

1904 Content-based image retrieval for digital mammography.	7
Analyzing the physiological signature of anabolic steroids in cattle urine using pyrolysis/metastable atom bombardment mass spectrometry and pattern recognition. 2002 , 74, 5393-404	41
1902 Bayesian inference for LS-SVMs on large data sets using the Nystrom method.	4
$_{ m 1901}$ Stride and cadence as a biometric in automatic person identification and verification.	105
1900 Learning from data: a tutorial with emphasis on modern pattern recognition methods. 2002 , 2, 203-217	31
1899 Toward real-time quality analysis measurement of metal laser cutting.	3
1898 .	9
1897 Feature selection using a mutual information based measure.	11
1896 Clustering of Sun exposure measurements.	
1895 Motion-based recognition of people in EigenGait space.	76
	70
1894 Remembrance of circuits past: macromodeling by data mining in large analog design spaces. 2002 ,	24
Remembrance of circuits past: macromodeling by data mining in large analog design spaces. 2002 , ViSOM - a novel method for multivariate data projection and structure visualization. 2002 , 13, 237-43	, i
	24
ViSOM - a novel method for multivariate data projection and structure visualization. 2002 , 13, 237-43	132
ViSOM - a novel method for multivariate data projection and structure visualization. 2002 , 13, 237-43 Adaptive Bayes. 2002 , 765-774	132
ViSOM - a novel method for multivariate data projection and structure visualization. 2002 , 13, 237-43 Adaptive Bayes. 2002 , 765-774 The multistage support vector machine.	24 132 9
ViSOM - a novel method for multivariate data projection and structure visualization. 2002, 13, 237-43 Adaptive Bayes. 2002, 765-774 The multistage support vector machine. Generalized neural trees for pattern classification. 2002, 13, 1540-7	24 132 9

1886 Scene analysis by integrating primitive segmentation and associative memory. 2002 , 32, 2	54-68 16
1885 Upper bounds for error rates of linear combinations of classifiers. 2002 , 24, 591-602	14
1884 Switching between selection and fusion in combining classifiers: an experiment. 2002 , 32,	146-56 232
$_{f 1}88_{f 3}$ The training of neural classifiers with condensed datasets. 2002 , 32, 202-6	22
Metabonomic assessment of physiological disruptions using 1H-13C HMBC-NMR spectrose combined with pattern recognition procedures performed on filtered variables. 2002 , 74,	
Prediction of risk of coronary events in middle-aged men in the Prospective Cardiovascula Study (PROCAM) using neural networks. 2002 , 31, 1253-62; discussion 1262-64	r Mfister 98
1880 Quantitative prediction of NF-kappa B DNA-protein interactions. 2002 , 99, 8167-72	90
Application of Neural Networks for Prediction and Optimization of Exhaust Emissions in a Diesel Engine. 2002 ,	H.D. ₂₈
1878 Analysis of a complexity-based pruning scheme for classification trees. 2002 , 48, 2362-236	58 23
$_{ m 1877}$ On the generalization of soft margin algorithms. 2002 , 48, 2721-2735	34
1876 Comparison of machine learning and traditional classifiers in glaucoma diagnosis. 2002 , 49	9, 963-74 136
1875 Identification of lithofacies using Kohonen self-organizing maps. 2002 , 28, 223-229	58
1875 Identification of lithofacies using Kohonen self-organizing maps. 2002 , 28, 223-229 1874 Classification trees as an alternative to linear discriminant analysis. 2002 , 119, 257-75	58 82
	82
Classification trees as an alternative to linear discriminant analysis. 2002 , 119, 257-75 Applications of neural network analyses to in vivo 1H magnetic resonance spectroscopy of	82 F 23
Classification trees as an alternative to linear discriminant analysis. 2002 , 119, 257-75 Applications of neural network analyses to in vivo 1H magnetic resonance spectroscopy of Parkinson disease patients. 2002 , 16, 13-20	82 F 23
Classification trees as an alternative to linear discriminant analysis. 2002 , 119, 257-75 Applications of neural network analyses to in vivo 1H magnetic resonance spectroscopy of Parkinson disease patients. 2002 , 16, 13-20 Effectiveness of neural networks to regression with structural changes. 2002 , 18, 189-195 Polychlorinated biphenyl source attribution in Green Bay, Wisconsin, USA, using multivarian	82 f 23

(2003-2002)

	Gerbillinae). 2002 , 77, 319-327	49
1867	Prediction trees with soft nodes for binary outcomes. 2002 , 21, 1145-65	11
1866	A new approach to training back-propagation artificial neural networks: empirical evaluation on ten data sets from clinical studies. 2002 , 21, 1309-30	18
1865	Block principal component analysis with application to gene microarray data classification. 2002 , 21, 3465-74	28
1864	The impact of time-averaging on the detectability of nonlinear empirical relations. 2002, 128, 1609-1622	4
1863	Normal mode analysis of macromolecular motions in a database framework: developing mode concentration as a useful classifying statistic. 2002 , 48, 682-95	233
1862	Temporal structure in neuronal activity during working memory in macaque parietal cortex. 2002 , 5, 805-11	746
1861	Computational prediction of eukaryotic protein-coding genes. 2002 , 3, 698-709	186
1860	Combining several screening tests: optimality of the risk score. 2002 , 58, 657-64	183
1859	Bayesian measures of model complexity and fit. 2002 , 64, 583-639	7875
	Bayesian measures of model complexity and fit. 2002 , 64, 583-639 A statistical framework for expression-based molecular classification in cancer. 2002 , 64, 717-736	7 ⁸ 75
1858		
1858	A statistical framework for expression-based molecular classification in cancer. 2002 , 64, 717-736 Polyhedral Separability Through Successive LP. 2002 , 112, 265-293	80
1858 1857	A statistical framework for expression-based molecular classification in cancer. 2002 , 64, 717-736 Polyhedral Separability Through Successive LP. 2002 , 112, 265-293 Prediction and classification in nonlinear data analysis: Something old, something new, something borrowed, something blue. 2003 , 68, 493-517	80
1858 1857 1856	A statistical framework for expression-based molecular classification in cancer. 2002 , 64, 717-736 Polyhedral Separability Through Successive LP. 2002 , 112, 265-293 Prediction and classification in nonlinear data analysis: Something old, something new, something borrowed, something blue. 2003 , 68, 493-517	80 50 9
1858 1857 1856 1855	A statistical framework for expression-based molecular classification in cancer. 2002, 64, 717-736 Polyhedral Separability Through Successive LP. 2002, 112, 265-293 Prediction and classification in nonlinear data analysis: Something old, something new, something borrowed, something blue. 2003, 68, 493-517 Reviews. 2003, 68, 611-612 Automated processing of the single-lead electrocardiogram for the detection of obstructive sleep	80 50 9
1858 1857 1856 1855	A statistical framework for expression-based molecular classification in cancer. 2002, 64, 717-736 Polyhedral Separability Through Successive LP. 2002, 112, 265-293 Prediction and classification in nonlinear data analysis: Something old, something new, something borrowed, something blue. 2003, 68, 493-517 Reviews. 2003, 68, 611-612 Automated processing of the single-lead electrocardiogram for the detection of obstructive sleep apnoea. 2003, 50, 686-96 Data mining of motor patterns recorded with wearable technology. 2003, 22, 110-9	80 50 9 2 304

1850	Estimation of the radon concentration in soil related to the environmental parameters by a modified Adaline neural network. 2003 , 58, 269-73	25
1849	On the role of spatial stochastic models in understanding landscape indices in ecology. 2003 , 102, 203-212	111
1848	Can artificial neural networks help the experimentation in catalysis?. 2003 , 81, 393-403	47
1847	Neural networks for modelling of kinetic reaction data applicable to catalyst scale up and process control and optimisation in the frame of combinatorial catalysis. 2003 , 254, 133-145	27
1846	Combining geometric morphometrics with pattern recognition for the investigation of species complexes. 2003 , 80, 89-98	116
1845	Microarrays, pattern recognition and exploratory data analysis. 2003 , 22, 1879-99	16
1844	The classification and discrimination of glass fragments using non destructive energy dispersive X-ray microfluorescence. 2003 , 137, 107-18	30
1843	Towards automating the finite element method: a test-bed for soft computing. 2003 , 3, 37-51	18
1842	Correction of Density Estimators that are not Densities. 2003 , 30, 415-427	36
1841	Unsupervised Curve Clustering using B-Splines. 2003 , 30, 581-595	189
	Unsupervised Curve Clustering using B-Splines. 2003, 30, 581-595 Predictive toxicology: benchmarking molecular descriptors and statistical methods. 2003, 43, 1463-70	189 66
1840	Predictive toxicology: benchmarking molecular descriptors and statistical methods. 2003 , 43, 1463-70 Random forest: a classification and regression tool for compound classification and QSAR	66
1840 1839 1838	Predictive toxicology: benchmarking molecular descriptors and statistical methods. 2003 , 43, 1463-70 Random forest: a classification and regression tool for compound classification and QSAR modeling. 2003 , 43, 1947-58	66 1722
1840 1839 1838	Predictive toxicology: benchmarking molecular descriptors and statistical methods. 2003, 43, 1463-70 Random forest: a classification and regression tool for compound classification and QSAR modeling. 2003, 43, 1947-58 Bankruptcy prediction with least squares support vector machine classifiers.	66 1722 15
1840 1839 1838 1837	Predictive toxicology: benchmarking molecular descriptors and statistical methods. 2003, 43, 1463-70 Random forest: a classification and regression tool for compound classification and QSAR modeling. 2003, 43, 1947-58 Bankruptcy prediction with least squares support vector machine classifiers. Statistics of natural image categories. 2003, 14, 391-412 AUTOMATIC CLASSIFICATION OF NEURAL SPIKE ACTIVITY: AN APPLICATION OF MINIMUM	66 1722 15 350
1840 1839 1838 1837 1836	Predictive toxicology: benchmarking molecular descriptors and statistical methods. 2003, 43, 1463-70 Random forest: a classification and regression tool for compound classification and QSAR modeling. 2003, 43, 1947-58 Bankruptcy prediction with least squares support vector machine classifiers. Statistics of natural image categories. 2003, 14, 391-412 AUTOMATIC CLASSIFICATION OF NEURAL SPIKE ACTIVITY: AN APPLICATION OF MINIMUM DISTANCE CLASSIFIERS. 2003, 34, 173-192	66 1722 15 350

1832 The generic viewpoint assumption and planar bias. 2003, 25, 775-778 1 1831 . **2003**, 25, 1150-1159 291 $_{1830}$ A general model for finite-sample effects in training and testing of competing classifiers. **2003**, 25, 1561-1569 $_{20}$ 1829 A decision-theoretic approach to data mining. 2003, 33, 42-51 24 Visualization of learning in multilayer perceptron networks using principal component analysis. 1828 22 2003. 33. 28-34 Bayesian classification and feature reduction using uniform Dirichlet priors. 2003, 33, 448-64 11 1826 Brain-computer interface in multimedia communication. 2003, 20, 14-24 72 Use of the novelty detection technique to identify the range of applicability of empirical ocean 1825 57 color algorithms. 2003, 41, 2833-2843 Rationale and Conceptual Framework for Classification Approaches to Assess Forest Resources and 1824 10 Properties. 2003, 279-300 1823 Comparing Methods for Multivariate Nonparametric Regression. 2003, 32, 541-571 7 1822 A simulation-based approach to study stochastic inventory-planning games. 2003, 34, 717-730 4 1821 Adapted filter banks in machine learning: applications in biomedical signal processing. 1820 Detecting interesting exceptions from medical test data with visual summarization. 9 1819 Neural networks for the prediction of spirometric reference values. 2003, 28, 299-309 6 1818 Development of a decision support system for heart disease diagnosis using multilayer perceptron. 3 Probabilistic methods in BCI research. 2003, 11, 192-5 21 1816 Brain-like computer architecture. 1 1815 Artificial Neural Network. 2003, 81-100 172

	sperimental Study and Statistical Analysis of the Effect of Laser Pulse Energy on the Geometric ty During Laser Precision Machining. 2003 , 7, 83-104	16
1813 A Stu	dy on Bayes Feature Fusion for Image Classification. 2003 ,	26
1817	al vs. statistical classifier in conjunction with genetic algorithm feature selection in digital mography.	1
1811 Deve	lopment of a hand-held real-time decision support aid for critical care nursing. 2003,	5
1810 Appli	cation of neural networks to stock prediction in <code>poolltompanies</code> . 2003 , 17, 661-673	6
1809 Intro	duction to Classification in Microarray Experiments. 2003 , 132-149	3
	orediction of methylmercury elimination half-life in humans using animal data: a neural ork/rough sets analysis. 2003 , 66, 2227-52	9
	DRRELATED PROJECTION DISCRIMINANT ANALYSIS AND ITS APPLICATION TO FACE IMAGE URE EXTRACTION. 2003 , 17, 1325-1347	25
1806 Auto	matic classification of ECG beats using waveform shape and heart beat interval features.	10
1805 Mod ı	us Operandi Modelling of Group Offending: A Data-Mining Case Study. 2003 , 5, 265-276	17
1804 Class	ifier fusion results using various open literature data sets.	
	of Image Recognition Techniques in the Analysis of Sheet Metal Forming Force Signature es. 2003 , 125, 363-368	5
1802 . 200 3	3 , 33, 248-258	7
1801 DIW A	a: device independent wafermap analysis.	2
1800 Varia	tional Gaussian mixtures for blind source detection.	
1799 A mu	ltistage support vector machine.	
1798 Multi	output feedforward neural network selection: a Bayesian approach.	
1797 Is ind	uctive machine learning just another wild goose (or might it lay the golden egg)?. 2003 , 17, 69-92	63

1796	A Genetic Algorithm-Based Approach for Building Accurate Decision Trees. 2003 , 15, 3-22	35
1795		1
1794	Inference Based Classifier: Efficient Construction of Decision Trees for Sparse Categorical Attributes. 2003 , 182-191	1
1793	Supervised analysis when the number of candidate features (p) greatly exceeds the number of cases (n). 2003 , 5, 31-36	52
1792	Genetically Engineered Decision Trees: Population Diversity Produces Smarter Trees. 2003, 51, 894-907	14
1791	A Turkish Handprint Character Recognition System. 2003 , 447-456	3
1790	Using DNA microarrays for diagnostic and prognostic prediction. 2003 , 3, 587-95	31
1789	Rapid Characterization of Organic Resource Quality for Soil and Livestock Management in Tropical Agroecosystems Using Near-Infrared Spectroscopy. 2003 , 95, 1314-1322	96
1788	Alternative Neural Network Approach for Option Pricing and Hedging. 2003,	9
1787	Face Recognition by Fisher and Scatter Linear Discriminant Analysis. 2003 , 638-645	4
1786	Nonlinear Multidimensional Data Projection and Visualisation. 2003, 377-388	8
1785	Divergent gonadotropin-gonadal dose-responsive coupling in healthy young and aging men. 2004 , 286, R381-9	28
1784	Contextual Probability-Based Classification. 2004 , 313-326	O
1783	Neural Networks Prediction of Soil Hydraulic Functions for Alluvial Soils Using Multistep Outflow Data. 2004 , 68, 417-429	76
1782	Aeroengine Prognostics via Local Linear Smoothing, Filtering and Prediction. 2004,	
1781	Efficient model selection for kernel logistic regression. 2004,	11
1780	Research issues and strategies for genomic and proteomic biomarker discovery and validation: a statistical perspective. 2004 , 5, 709-19	99
1779	A neural network approach-decision neural network (DNN) for preference assessment. 2004 , 34, 219-225	11

1778	Probabilistic sequential independent components analysis. 2004 , 15, 838-49	4
1777	Stability of Neural Networks for Slightly Perturbed Training Data Sets. 2004 , 33, 2259-2270	
1776	Volatility and risk estimation with linear and nonlinear methods based on high frequency data. 2004 , 14, 717-729	5
1775	Adaptive learning for the neural classifier based on fisher criterion.	
1774	Preoperative sensitivity and specificity for early-stage ovarian cancer when combining cancer antigen CA-125II, CA 15-3, CA 72-4, and macrophage colony-stimulating factor using mixtures of multivariate normal distributions. 2004 , 22, 4059-66	140
1773	Integrated modeling of clinical and gene expression information for personalized prediction of disease outcomes. 2004 , 101, 8431-6	174
1772	Multi-layer neural networks using generalized-mean neuron model.	2
1771	Quantizing features independently in the Bayesian data reduction algorithm.	O
1770	Supervised nonparametric information theoretic classification. 2004,	О
1769	An integrated system for class prediction using gene expression profiling.	
1768	A new data interpretation by a modified neural network model.	
1767	Fast leave-one-out evaluation and improvement on inference for LS-SVMs. 2004,	4
1766	Functional networks training algorithm for statistical pattern recognition.	3
1765	DECISION MAKING BY VARIABLE CONTRIBUTION IN DISCRIMINANT, LOGIT, AND REGRESSION ANALYSES. 2004 , 03, 265-279	9
1764	Some statistical and regulatory issues in the evaluation of genetic and genomic tests. 2004 , 14, 539-52	18
1763	Efficient training of RBF networks for classification. 2004 , 14, 201-8	31
1762	Using fragment chemistry data mining and probabilistic neural networks in screening chemicals for acute toxicity to the fathead minnow. 2004 , 15, 293-309	21
1761	Africans and Asians abroad: genetic diversity in Europe. 2004 , 5, 119-50	53

1760 Neural networks for predicting technological use in neonatal care. **2004**, 2004, 3478-80

1759 Identify	ring Extreme Decision Makers in Group AHP. 2004 , 24, 229-253	2
	arison of covert and overt attention as a control option in a steady-state visual evoked al-based brain computer interface. 2004 , 2004, 4725-8	11
4 	ECTIVE NEURAL MODEL MECHANIZING HARD CAUSAL REASONING PROBLEMS WITH WTA O NEURAL COMPUTATIONS. 2004 , 13, 669-689	3
	vined First-principles Calculation and Neural Networks Correction Approach for Evaluating nergy of Formation. 2004 , 30, 9-15	18
1755 A reinfo	orcement learning approach to stochastic business games. 2004 , 36, 373-385	18
1754 Evaluat	ing methods for classifying expression data. 2004 , 14, 1065-84	39
	ed and inferred spatial structure of populations: the Scandinavian brown bears revisited. 3, 1327-31	49
1750	oing a classifier for the Habitats Directive grassland types in Denmark using species lists for on. 2004 , 7, 71-80	30
1751 Anew a	pproach to functional interpretation of vegetation data. 2004 , 15, 49-56	21
Effects 83, 243	of morphometric descriptor changes on statistical classification and morphospaces. 2004 , -260	42
	netic stock structure of larval and juvenile winter flounder larvae in Connecticut waters of Long Island Sound and estimations of larval entrainment. 2004 , 65, 62-76	16
1748 Promot	er prediction analysis on the whole human genome. 2004 , 22, 1467-73	121
	size calculations for Bayesian prediction of bovine viral-diarrhoea-virus infection in beef 2004, 62, 217-32	2
1746 Adaptiv	re BCI based on variational Bayesian Kalman filtering: an empirical evaluation. 2004 , 51, 719-27	62
BCI Cor ¹⁷⁴⁵ 51, 107	npetition 2003Data set IIb: support vector machines for the P300 speller paradigm. 2004 , 3-6	333
Automa 1744 , 51, 11	atic classification of heartbeats using ECG morphology and heartbeat interval features. 2004 96-206	866
1743 Detecti	on of skin cancer by classification of Raman spectra. 2004 , 51, 1784-93	166

1742	A large-scale model for the at-sea distribution and abundance of Marbled Murrelets (Brachyramphus marmoratus) during the breeding season in coastal British Columbia, Canada. 2004 , 171, 395-413	48
1741	Brain tumor classification based on long echo proton MRS signals. 2004 , 31, 73-89	127
1740	Automatic geobody detection from seismic data using minimum message length clustering. 2004 , 30, 741-751	2
1739	Lower and Upper Bounds for Misclassification Probability Based on Renyi's Information. 2004 , 37, 305-317	38
1738	A similarity learning approach to content-based image retrieval: application to digital mammography. 2004 , 23, 1233-44	189
1737	Cognitive tasks for driving a brain-computer interfacing system: a pilot study. 2004 , 12, 48-54	83
1736	Backfitting neural networks. 2004 , 19, 193	5
1735	Logistic regression tree applied to classify PCB golden finger defects. 2004 , 24, 496-502	11
1734	Non-linear survival analysis using neural networks. 2004 , 23, 825-42	50
1733	Comparison of Different Classification Methods Applied to a Mode of Toxic Action Data Set. 2004 , 23, 779-791	24
1732	Mean squared error of prediction (MSEP) estimates for principal component regression (PCR) and partial least squares regression (PLSR). 2004 , 18, 422-429	161
1731	Wavelet-based processing of neuronal spike trains prior to discriminant analysis. 2004 , 134, 159-68	20
1730	PSTH-based classification of sensory stimuli using ensembles of single neurons. 2004 , 135, 107-20	99
1729	Improving automatic peptide mass fingerprint protein identification by combining many peak sets. 2004 , 807, 209-15	4
1728	Adaptive road detection through continuous environment learning.	16
1727	Local estimation of posterior class probabilities to minimize classification errors. 2004 , 15, 309-17	17
1726	Comparison of discrimination methods for peptide classification in tandem mass spectrometry.	3
1725	Automated detection of obstructive sleep apnoea at different time scales using the electrocardiogram. 2004 , 25, 967-83	89

1724	Adaptive real-time road detection using neural networks.	22
1723	Distilling classification models from cross validation runs: an application to mass spectrometry.	1
1722	Personal recognition using head-top image for health-monitoring system in the home. 2004 , 2004, 3147-50	1
1721	Context based identification of user communities from Internet chat.	1
1720	A mixed factors model for dimension reduction and extraction of a group structure in gene expression data. 2004 , 161-72	13
1719	The measurement of technical efficiency: a neural network approach. 2004 , 36, 627-635	60
1718	Automated Tools for Subject Matter Expert Evaluation of Automated Scoring. 2004, 17, 323-357	8
1717	A neural-genetic algorithm for feature selection and breast abnormality classification in digital mammography.	12
1716	Using the EM algorithm to train neural networks: misconceptions and a new algorithm for multiclass classification. 2004 , 15, 738-49	30
1715	A survey of classification learning algorithm.	1
1714	Nonlinear multivariate and time series analysis by neural network methods. 2004 , 42,	90
1713	Artificial neural network ensembles and their application in pooled flood frequency analysis. 2004 , 40,	112
1712	Monte Carlo Optimization. 2004 , 157-204	1
1711	Information Granules and Rough-Neural Computing. 2004, 43-84	47
1710	A chaotic map algorithm for knowledge discovery in time series: a case study on biomedical signals. 2004 , 51, 553-557	1
1709	A review of vessel extraction techniques and algorithms. 2004 , 36, 81-121	609
1708	Academic Obsessions and Classification Realities: Ignoring Practicalities in Supervised Classification. 2004 , 209-232	8
1707	Soil total phosphorus threshold in the Everglades: a Bayesian changepoint analysis for multinomial response data. 2004 , 4, 29-37	26

1706 Segmenting Markets by Bagged Clustering. 2004 , 12, 51-65	40
1705 A Computational Study of Na⊠e Bayesian Learning in Anti-spam Management. 2004 , 824-830	
1704 Computational intelligence methods for rule-based data understanding. 2004 , 92, 771-805	123
1703 Boundary-constrained agglomerative segmentation. 2004 , 42, 1984-1995	8
1702 Motion estimation using Statistical Learning Theory. 2004 , 26, 466-78	17
1701 An epsilon-margin nonlinear classifier based on fuzzy if-then rules. 2004 , 34, 68-76	28
1700 An adaptive high-order neural tree for pattern recognition. 2004 , 34, 988-96	34
Sparse kernel density construction using orthogonal forward regression with leave-one-out test score and local regularization. 2004 , 34, 1708-17	47
1698 Evolutionary design of a fuzzy classifier from data. 2004 , 34, 1894-906	57
1697 Bayesian Methods for Neural Networks and Related Models. 2004 , 19, 128	65
1696 Verification of nearest-neighbours interpretations in avalanche forecasting. 2004 , 38, 84-88	12
1695 Extended cluster information vector quantization (ECI-VQ) for robust classification.	3
Confusion relationship between patterns and its application in adaptive construction of hierarchical classifiers.	
1693 Sample size estimation using the receiver operating characteristic curve. 2004 ,	8
1692 Fusing Segmentation and Classification from Multiple Features. 2004 , 601-608	
Industry-specific cycles and companies' financial performance comparison using self-organizing maps. 2004 , 11, 267-286	10
1690 Neural network modelling of creep in masonry. 2004 , 157, 279-292	4
AUTOMATED TOOLS FOR SUBJECT MATTER EXPERT EVALUATION OF AUTOMATED SCORING. 2004 , 2004, i-42	

1688 Squeezing the turnip with artificial neural nets. 2004 , 94, 1007-12	7
1687 Neural Networks. 2004 ,	
1686 Information Criteria. 2004 ,	1
1685 Neural Network. 2005 ,	3
Multi-attributes Image Analysis for the Classification of Web Documents Using Unsupervised Technique. 2005 , 78-85	
1683 An Anthology of Probabilistic Models for Medical Informatics. 2005 , 297-349	2
1682 Statistical methods for gene expression analysis. 2005 ,	
1681 Good practice in retail credit scorecard assessment. 2005 , 56, 1109-1117	69
1680 Sparse Bayesian learning and the relevance multi-layer perceptron network.	o
1679 Parallel Algorithms for Predictive Modeling. 2005 , 307-345	
Regression and artificial neural network modeling for the prediction of gray leaf spot of maize 2005 , 95, 388-96	e. 36
Automated analysis of MR image of hip: geometrical evaluation of the Legg-Calve-Perthes dis 2005 , 27, 415-24	ease. 8
1676 Theory of Classification: a Survey of Some Recent Advances. 2005 , 9, 323-375	175
Visual spatial attention tracking using high-density SSVEP data for independent brain-comput communication. 2005 , 13, 172-8	er 163
1674 Bayesian classification of tumours by using gene expression data. 2005 , 67, 219-234	52
1673 Generalized additive models for location, scale and shape. 2005 , 54, 507-554	1239
1672 Reducing uncertainty in projections of extinction risk from climate change. 2005 , 14, 529-538	357
Using multivariate adaptive regression splines to predict the distributions of New Zealand's freshwater diadromous fish. 2005 , 50, 2034-2052	229

1670	Validation of speciesdlimate impact models under climate change. 2005 , 11, 1504-1513	980
1669	Supervised classification of plant communities with artificial neural networks. 2005, 16, 407-414	36
1668	Using EMG to anticipate head motion for virtual-environment applications. 2005 , 52, 1078-93	30
1667	Automated design of robust discriminant analysis classifier for foot pressure lesions using kinematic data. 2005 , 52, 1549-62	17
1666	Forecasting nonlinear time series with feed-forward neural networks: a case study of Canadian lynx data. 2005 , 24, 105-117	42
1665	Category recognition system using two ultrasonic sensors and combinational logic circuit. 2005 , 88, 33-42	2
1664	Artificial neural network prediction of retention factors of some benzene derivatives and heterocyclic compounds in micellar electrokinetic chromatography. 2005 , 26, 3438-44	26
1663	Can we predict customer lifetime value?. 2005 , 19, 2-16	114
1662	Supervised classification and tunnel vision. 2005 , 21, 97-109	4
1661	The analysis of seasonal air pollution pattern with application of neural networks. 2006 , 384, 458-67	7
1660	Discrimination between normal and glaucomatous eyes using Stratus optical coherence tomography in Taiwan Chinese subjects. 2005 , 243, 894-902	54
1659	Artificial neural networks as a useful tool to predict the risk level of Betula pollen in the air. 2005 , 49, 310-6	41
1658	Predicting the type of pregnancy using artificial neural networks and multinomial logistic regression: a comparison study. 2005 , 14, 198-202	11
1657	Remote sensing image segmentation with probabilistic neural networks. 2005 , 8, 28-32	2
1656	Localized classification. 2005 , 15, 155-166	20
1655	A metabolome pipeline: from concept to data to knowledge. 2005 , 1, 39-51	138
1654	Artificial neural networks for risk decision support in natural hazards: A case study of assessing the probability of house survival from bushfires. 2005 , 9, 189-199	1
1653	Structural Extension to Logistic Regression: Discriminative Parameter Learning of Belief Net Classifiers. 2005 , 59, 297-322	63

1652	Latent Classification Models. 2005 , 59, 237	9
1651	Bayesian neural networks for bivariate binary data: an application to prostate cancer study. 2005 , 24, 3645-62	12
1650	A Casual View of Multi-Layer Perceptrons as Probability Models. 2005 , 59-80	1
1649	Discriminant Analysis, Linear. 2005,	
1648	The Use of Sounding-Derived Indices for a Neural Network Short-Term Thunderstorm Forecast. 2005 , 20, 896-917	45
1647	On data depth and distribution-free discriminant analysis using separating surfaces. 2005 , 11, 1	33
1646	A Neural Network Model for Hierarchical Multilingual Text Categorization. 2005 , 238-245	7
1645	Computer-Intensive Methods. 2005,	О
1644	Artificial Intelligence. 2005,	
1643	Pattern Recognition. 2005,	
1642	Neural Networks. 2005,	
1641	A DISTRIBUTED NEURAL APPROACH FOR CAUSAL REASONING USING COOPERATIVE AND COMPETITIVE NEURAL COMPUTATIONS. 2005 , 19, 535-557	1
1640	Recent developments in monitoring of engines using acoustic emission. 2005 , 40, 45-57	20
1639	An expression signature for p53 status in human breast cancer predicts mutation status, transcriptional effects, and patient survival. 2005 , 102, 13550-5	999
1638	Image fusion of synthetic aperture radar and optical data for terrain classification with a variance reduction technique. 2005 , 44, 106202	9
1638 1637		9
1637	reduction technique. 2005 , 44, 106202	

1634	Predicting outcomes of inpatient psychotherapy using quality management data: comparing classification and regression trees with logistic regression and linear discriminant analysis. 2005 , 15, 236-47	2
1633	Identification of a molecular signature of sarcopenia. 2005 , 21, 253-63	168
1632	Automatic Sleep Staging using Support Vector Machines with Posterior Probability Estimates.	15
1631	Non-Linear Modelling Time Series from ARIMA Fitting.	1
1630	Personal recognition rate improvement using head-top image and an application to walking subject. 2005 , 2005, 3753-5	0
1629	Measurement of the cross section for tt[] production in pp[] collisions using the kinematics of lepton+jets events. 2005 , 72,	34
1628	Spontaneous evolution of modularity and network motifs. 2005 , 102, 13773-8	591
1627	Aggregating classifiers with ordinal response structure. <i>Journal of Statistical Computation and Simulation</i> , 2005 , 75, 391-408	4
1626	A Neural Network Method for Modelling the Parameters of a CUSUM Chart. 2005 , 17, 197-205	3
1625	Independent Brain Computer Interface Control using Visual Spatial Attention-Dependent Modulations of Parieto-occipital Alpha.	12
1624	Amalgamation in cartographic generalization using Kohonen's feature nets. 2005 , 19, 899-914	18
1623	The combined use of self-organizing maps and Andrews' Curves. 2005 , 15, 197-206	4
1622	Redundancy and synergy of neuronal ensembles in motor cortex. 2005 , 25, 4207-16	87
1621	Classification of Ovarian Cancer based on Intelligent Systems with Microarray Data.	1
1620	Automatic Analysis of Color Fundus Photographs and Its Application to the Diagnosis of Diabetic Retinopathy. 2005 , 315-368	8
1619	Recognition mechanism of a neural network for character recognition. 2005 , 2005, 6540-3	1
1618	Determining the optimal number of clusters using a new evolutionary algorithm. 2005,	3
1617	Rates of convergence for adaptive regression estimates with multiple hidden layer feedforward neural networks. 2005 ,	

(2005-2005)

1616	Comprehensive bioinformatic analysis of the specificity of human immunodeficiency virus type 1 protease. 2005 , 79, 12477-86	46
1615	A New Evolutionary Algorithm for Determining the Optimal Number of Clusters.	
1614	Duplex microsphere-based immunoassay for detection of anti-West Nile virus and anti-St. Louis encephalitis virus immunoglobulin m antibodies. 2005 , 12, 566-74	56
1613	A predictive model of rectal tumor response to preoperative radiotherapy using classification and regression tree methods. 2005 , 11, 5440-3	42
1612	Linear-time wrappers to identify atypical points: two subset generation methods. 2005 , 17, 1289-1297	1
1611	Artificial intelligence for low-crew ships. 2005,	1
1610	A theoretical performance analysis of the Bayesian data reduction algorithm.	О
1609	Sequential classification of probabilistic independent feature vectors by mixture models. 2005,	
1608	A study on several machine-learning methods for classification of malignant and benign clustered microcalcifications. 2005 , 24, 371-80	197
1607	Determining the validity of a QSAR modela classification approach. 2005 , 45, 65-73	78
1606	A NONLINEAR EXTENSION OF THE NBER MODEL FOR SHORT-RUN FORECASTING OF BUSINESS CYCLES. 2005 , 73, 435-448	1
1605	Online clustering algorithms for radar emitter classification. 2005 , 27, 1185-96	53
1604	On visualization and aggregation of nearest neighbor classifiers. 2005 , 27, 1592-602	44
1603	Experiments with repeating weighted boosting search for optimization in signal processing applications. 2005 , 35, 682-93	44
1602	. 2005 , 35, 391-396	8
1601	Mining Time Series Data. 2005 , 1069-1103	27
1600	Large-scale drug function prediction by integrating QIS D/sup 2/ and biospice. 2005,	
1599	Efficient Mining of Contrast Patterns and Their Applications to Classification. 2005 ,	20

A New Unsupervised Anomaly Detection Framework for Detecting Network Attacks in Real-Time. 2005 , 96-109	12
1597 Current Feature Selection Techniques in Statistical Pattern Recognition. 2005 , 53-68	6
1596 Two-Dimensional Concept Vector Machines Based on an Ionic Interaction Model.	
1595 Identifying Genes with The Concept of Customization.	
Support vector machines for quality monitoring in a plastic injection molding process. 2005 , 35, 401-410	64
1593 Discriminative components of data. 2005 , 16, 68-83	33
1592 Classification of power system stability using support vector machines.	6
1591 Figure-ground segmentation from occlusion. 2005 , 14, 1109-24	9
1590 .	2
1589 Asymmetric subsethood-product fuzzy neural inference system (ASuPFuNIS). 2005 , 16, 160-74	23
1588 Adaptive regression estimation with multilayer feedforward neural networks. 2005 , 17, 891-913	13
1587 Adaptive snakes using the EM algorithm. 2005 , 14, 1678-86	41
1586 Local-ICA: independent component analysis for sources with non-stationary amplitudes.	
Studying the explanatory capacity of artificial neural networks for understanding environmental chemical quantitative structure-activity relationship models. 2005 , 45, 1804-11	9
1584 Task-oriented developmental learning for humanoid robots. 2005 , 52, 906-914	11
1583 . 2005 , 53, 4518-4525	12
1582 Automated Particle Analysis: Calcareous Microfossils. 2005 , 229-252	23
1581 Prediction error estimation: a comparison of resampling methods. 2005 , 21, 3301-7	800

(2006-2005)

1580 Relevance vector machine for automatic detection of clustered microcalcifications. 2005 , 24, 1278-85	105
1579 Remote sensing for large-area habitat mapping. 2005 , 29, 449-474	80
1578 Viseme recognition - a comparative study.	6
Multifactor dimensionality reduction for detecting gene-gene and gene-environment interactions in pharmacogenomics studies. 2005 , 6, 823-34	64
Fourier Descriptors, Procrustes Superimposition, and Data Dimensionality: An Example of Cranial Shape Analysis in Modern Human Populations. 2005 , 145-165	58
1575 Use of structure descriptors to discriminate between modes of toxic action of phenols. 2005 , 45, 200-8	36
1574 Cross-Validation. 2006 ,	1
1573 Pattern Recognition. 2006 ,	
1572 Jackknife Resampling. 2006 ,	3
1571 Anti-personnel Mine Detection and Classification Using GPR Image. 2006 ,	
1571 Anti-personnel Mine Detection and Classification Using GPR Image. 2006 ,	5
1570 Bayesian clustering using hidden Markov random fields in spatial population genetics. 2006 , 174, 805-16	225
1570 Bayesian clustering using hidden Markov random fields in spatial population genetics. 2006 , 174, 805-16	225
Bayesian clustering using hidden Markov random fields in spatial population genetics. 2006 , 174, 805-16 1569 . 2006 ,	225 32
1570 Bayesian clustering using hidden Markov random fields in spatial population genetics. 2006, 174, 805-16 1569 . 2006, 1568 Selection and Evaluation of Air Traffic Complexity Metrics. 2006, Exploiting application locality to design low-complexity, highly performing, and power-aware	225 32 20
Bayesian clustering using hidden Markov random fields in spatial population genetics. 2006, 174, 805-16 1569 . 2006, Selection and Evaluation of Air Traffic Complexity Metrics. 2006, Exploiting application locality to design low-complexity, highly performing, and power-aware embedded classifiers. 2006, 17, 745-54	225 32 20
Bayesian clustering using hidden Markov random fields in spatial population genetics. 2006, 174, 805-16 1569 . 2006, 1568 Selection and Evaluation of Air Traffic Complexity Metrics. 2006, Exploiting application locality to design low-complexity, highly performing, and power-aware embedded classifiers. 2006, 17, 745-54 1566 Development of an artificial neural network for helping to diagnose diseases in urology. 2006,	225 32 20 4

1562	Methods and Techniques of Complex Systems Science: An Overview. 2006 , 33-114	68
1561	Objective Beach-State Classification From Optical Sensing of Cross-Shore Dissipation Profiles. 2006 , 44, 3418-3426	8
1560	Surface enhanced laser desorption/ionization (SELDI) time-of-flight mass spectrometry to identify patients with chronic obstructive pulmonary disease. 2006 , 3, 41-50	12
1559	Bayesian multioutput feedforward neural networks comparison: a conjugate prior approach. 2006 , 17, 35-47	8
1558	Detection of rhythmic discharges in newborn EEG signals. 2006 , Suppl, 6577-80	
1557	Risk Prediction in ERP Projects: Classification of Reengineered Business Processes. 2006,	4
1556	Evaluation of stability of k-means cluster ensembles with respect to random initialization. 2006 , 28, 1798-808	185
1555	Learning outdoor color classification. 2006 , 28, 1713-23	19
1554	Selection of generative models in classification. 2006 , 28, 544-54	32
1553	Multiscale classification using nearest neighbor density estimates. 2006 , 36, 1139-48	15
1552	Classification using belief functions: relationship between case-based and model-based approaches. 2006 , 36, 1395-406	101
1551	Experimental Comparison of Cluster Ensemble Methods. 2006,	41
1550	Classifier Technology and the Illusion of Progress. 2006 , 21, 1	363
1549	Pattern Recognition. 2006 , 36, 153-161	16
1548	PZT-based active damage detection techniques for steel bridge components. 2006 , 15, 957-966	108
1547	Constitutive flow behaviour of austenitic stainless steels under hot deformation: artificial neural network modelling to understand, evaluate and predict. 2006 , 14, 1053-1070	52
1546	Adaptive smoothing in kernel discriminant analysis. 2006 , 18, 181-197	2
1545	A novel radial basis function neural network for discriminant analysis. 2006 , 17, 604-12	58

(2006-2006)

1544	Kernel classifier construction using orthogonal forward selection and boosting with Fisher ratio class separability measure. 2006 , 17, 1652-6	20
1543	Discriminant Analysis. 2006,	3
1542	Who wrote Ronald Reagan's radio addresses?. 2006 , 1, 289	24
1541	Data Perturbation Independent Diagnosis and Validation of Breast Cancer Subtypes Using Clustering and Patterns. 2006 , 2, 117693510600200	10
1540	Functional Networks. 2006 ,	
1539	Pattern Recognition, Statistical. 2006,	
1538	Classification and Pattern Recognition. 2006 , 339-378	
1537	Classification Methods. 2006,	2
1536	59.3: Challenges and Approaches in Auto Defect Classification for Large-size LCD-TV. 2006 , 37, 1782	0
1535	Microarray Approaches to Gene Expression Analysis. 2006 , 121-148	1
1534	Spatial estimates of stormwater-pollutant loading using Bayesian networks and geographic information systems. 2006 , 78, 421-9	9
1533	Neural regression model, resampling and diagnosis. 2006 , 37, 13-20	3
1532	Comparison of misclassification rates of search partition analysis and other classification methods. 2006 , 25, 3787-97	2
1531	Surface enhanced laser desorption ionization spectrometry reveals biomarkers for drug treatment but not dose. 2006 , 6, 2101-7	9
1530	Chemometrics and its applications to x-ray spectrometry. 2006 , 35, 215-225	23
1529	The ecological significance of the zooplanktivores, snipefish Macroramphosus spp. and boarfish Capros aper, in the food web of the south-east North Atlantic. 2006 , 69, 363-378	16
1528	Model choice in time series studies of air pollution and mortality. 2006 , 169, 179-203	374
1527	COMPARISON OF PROCESS-BASED AND ARTIFICIAL NEURAL NETWORK APPROACHES FOR STREAMFLOW MODELING IN AN AGRICULTURAL WATERSHED1. 2006 , 42, 545-563	57

1526	A REVIEW OF SUPERVISED AND UNSUPERVISED PATTERN RECOGNITION IN ARCHAEOMETRY*. 2006 , 48, 671-694	63
1525	Predicting climate-induced range shifts: model differences and model reliability. 2006 , 12, 1568-1584	260
1524	Structural Hidden Markov Models Using a Relation of Equivalence: Application to Automotive Designs. 2006 , 12, 79-96	16
1523	Using multifocal ERG responses to discriminate diabetic retinopathy. 2006 , 112, 201-7	13
1522	Applications of artificial intelligence systems in the analysis of epidemiological data. 2006 , 21, 167-70	18
1521	An Experimental Evaluation of Some Classification Methods. 2006 , 36, 33-50	4
1520	Optimization of nonconventional wells under uncertainty using statistical proxies. 2006 , 10, 389-404	83
1519	Additive Regularization Trade-Off: Fusion of Training and Validation Levels in Kernel Methods. 2006 , 62, 217-252	14
1518	Training a reciprocal-sigmoid classifier by feature scaling-space. 2006 , 65, 273-308	10
1517	How Online Learning Approaches Ornstein Uhlenbeck Processes. 2006 , 23, 121-131	
1516	Neural network learning with generalized-mean based neuron model. 2006 , 10, 257-263	5
1515	An evaluation of quantum neural networks in the detection of epileptic seizures in the neonatal electroencephalogram. 2006 , 10, 382-396	14
1514	Nonasymptotic Bounds on the L 2 Error of Neural Network Regression Estimates. 2006 , 58, 131-151	5
1513	Estimation of Kullback[leibler Divergence by Local Likelihood. 2006 , 58, 327-340	18
1512	On Multicollinearity and Concurvity in Some Nonlinear Multivariate Models. 2006 , 15, 3-26	29
1511	Deterioration of visual information in face classification using Eigenfaces and Fisherfaces. 2006 , 17, 68-82	3
1510	Linear and nonlinear fetal heart rate analysis of normal and acidemic fetuses in the minutes preceding delivery. 2006 , 44, 847-55	85
1509	Renyi entropy measures of heart rate Gaussianity. 2006 , 53, 21-7	68

(2006-2006)

An integrated neighborhood correlation and hierarchical clustering approach of functional MRI. 2006 , 53, 452-8	23
1507 Telephony-based voice pathology assessment using automated speech analysis. 2006 , 53, 468-77	73
1506 Detection of divergent genes in microbial aCGH experiments. 2006 , 7, 181	8
1505 Gene selection and classification of microarray data using random forest. 2006 , 7, 3	1617
GPNN: power studies and applications of a neural network method for detecting gene-gene interactions in studies of human disease. 2006 , 7, 39	60
1503 Instance-based concept learning from multiclass DNA microarray data. 2006 , 7, 73	16
1502 Classification with reject option. 2006 , 34, 709-721	87
1501 A novel method to identify gene-gene effects in nuclear families: the MDR-PDT. 2006 , 30, 111-23	101
1500 AOPR Approach to Rose Analysis. 2006 ,	
1499 Isolated-Word Recognition with Penalized Logistic Regression Machines.	5
1498 Incorporating Remote Sensing Information in Modeling House Values. 2006 , 72, 129-138	23
1497 Back-Propagation and K-Means Algorithms Comparison. 2006 ,	10
1496 . 2006 ,	1
1495 A discriminant-analysis-based suction detection system for rotary blood pumps. 2006 , 2006, 5382-5	15
Fuzzy expert systems for sequential pattern recognition for patient status monitoring in operating room. 2006 , 2006, 4671-4	5
1493 Applying the Semisupervised Bayesian Approach to Classifier Design. 2006 ,	
1492 An Integrated Approach to Mid- and Upper-Level Turbulence Forecasting. 2006 , 21, 268-287	137
1491 Nonlinear Source Separation. 2006 , 1, 1-114	7

Artificial neural network discrimination of black-capped chickadee (Poecile atricapillus) call notes. 2006 , 120, 1111-7	18
1489 Feature Reduction Techniques for Power System Security Assessment. 2006 , 525-534	3
Fast discovery and the generalization of strong jumping emerging patterns for building compact and accurate classifiers. 2006 , 18, 721-737	73
Optimized multilayer perceptrons for molecular classification and diagnosis using genomic data. 2006 , 22, 755-61	23
1486 Investigation of uncooled infrared imagery for face recognition. 2006 , 45, 016401	2
1485 Determinants of Trademark Dilution. 2006 , 33, 248-257	39
1484 Cytosine methylation profiles as a molecular marker in non-small cell lung cancer. 2006 , 66, 10911-8	57
Hybrid calibration of imaging sensors by neural networks and comparison with physical models. 2006 , 45, 107202	3
Reduction of the number of spectral bands in Landsat images: a comparison of linear and nonlinear methods. 2006 , 45, 067002	5
$_{14}8_{1}$ A Statistical Method for Determining Importance of Variables in an Information System. 2006 , 557-5	566 13
Bayesian search of functionally divergent protein subgroups and their function specific residues. 2006 , 22, 2466-74	40
An Intellilgent Infrastructure Strategy to Improvilng the Performance and Detection Capability of Intrusion Detection Systems. 2006 ,	
1478 An Integrated Forecasting and Regularization Framework for Light Rail Transit Systems. 2006 , 10, 5	9-73 6
1477 Bayesian auxiliary variable models for binary and multinomial regression. 2006 , 1, 145	212
1476 Empirical Estimation of Nearshore Waves From a Global Deep-Water Wave Model. 2006 , 3, 462-466	8
1475 Nearest Neighbor Methods. 2006 ,	11
1474 Modeling the Network of Loyalty-Profit Chain In Chemical Industry.	
1473 Pattern Classification with Missing Values using Multitask Learning. 2006 ,	

1472	Neighbourhood Vector as Shape Parameter for Pattern Recognition. 2006,	
1471	An Intellilgent Infrastructure Strategy to Improving the Performance and Detection Capability of Intrusion Detection Systems. 2006 ,	
1470	. 2006,	
1469	A Supervised STDP Based Training Algorithm with Dynamic Threshold Neurons. 2006,	1
1468	Sphere Classification for Ambiguous Data. 2006 ,	2
1467	Dimension Reduction vs. Variable Selection. 2006 , 931-938	5
1466	A mixture model-based discriminate analysis for identifying ordered transcription factor binding site pairs in gene promoters directly regulated by estrogen receptor-alpha. 2006 , 22, 2210-6	10
1465	FEATURE EXTRACTION FOR CLASSIFICATION USING STATISTICAL NETWORKS. 2007 , 21, 1103-1126	6
1464	On learning with dissimilarity functions. 2007,	13
1463	The Influence of the Solar Cycle and QBO on the Late-Winter Stratospheric Polar Vortex. 2007 , 64, 1267-1283	102
1462	The estimation of parameters for stochastic differential equations using neural networks. 2007 , 15, 629-641	5
1461	A predictive model for identifying proteins by a single peptide match. 2007 , 23, 277-80	50
1460	Adaptive Automata Applied on Automation and Robotics (A4R). 2007, 5, 539-543	3
1459	Extracting galactic binary signals from the first round of Mock LISA Data Challenges. 2007 , 24, S575-S585	16
1458	Integrated Generic Association Rule Based Classifier. 2007,	8
1457	Applying manufacturing batch techniques to fraud detection with incomplete customer information. 2007 , 39, 671-680	19
1456	. 2007,	3
1455	A Bayesian Non-Gaussian Mixture Analysis: Application to Eye Modeling. 2007 ,	13

1454	Generalised Kernel Machines. 2007,	11
1453	Boosting: a classification method for remote sensing. 2007 , 28, 1687-1710	19
1452	Utilizing Computational Intelligence for DJIA Stock Selection. 2007,	2
1451	Phase Coherent Detection of Steady-State Evoked Potentials: Experimental Results and Application to Brain-Computer Interfaces. 2007 ,	28
1450	Pattern Classiffication using SVM with GMM Data Selection Training Methode. 2007,	4
1449	Fast sparse approximation for least squares support vector machine. 2007 , 18, 685-97	131
1448	Prediction of Water Pipe Asset Life Using Neural Networks. 2007 , 13, 26-30	40
1447	The key mimetic features of hoverflies through avian eyes. 2007 , 274, 1949-54	48
1446	Myelin structure is a key difference in the x-ray scattering signature between meningioma, schwannoma and glioblastoma multiforme. 2007 , 52, 6543-53	14
1445	Actuarial Assessment of Violence Risk: To Weigh or Not to Weigh?. 2007 , 34, 22-36	36
1444	Validation of a microsphere-based immunoassay for detection of anti-West Nile virus and anti-St. Louis encephalitis virus immunoglobulin m antibodies. 2007 , 14, 1084-93	25
1443	Conceptualizing the Hijacking Threat to Civil Aviation. 2007 , 32, 209-232	2
1442	TOWARD AN UNDERSTANDING OF THE ROLE OF SPEECH RECOGNITION IN NONNATIVE SPEECH ASSESSMENT. 2007 , 2007, i-76	8
1441	An Efficient Kernel Optimization Method for Radar High-Resolution Range Profile Recognition. 2007 , 2007,	O
1440	Local high-resolution passive seismic tomography and Kohonen neural networks Application at the Rio-Antirio Strait, central Greece. 2007 , 72, B93-B106	14
1439	Desynchronizing a chaotic pattern recognition neural network to model inaccurate perception. 2007 , 37, 692-704	18
1438	Logistic model tree extraction from artificial neural networks. 2007, 37, 794-802	20
1437	Introduction to Genomic and Proteomic Data Analysis. 2007 , 1-37	4

1436	Statistical prediction of protein chemical interactions based on chemical structure and mass spectrometry data. 2007 , 23, 2004-12	73
1435	Localization with orientation using RSSI measurements: RF map based approach. 2007,	4
1434	Classification of Biomedical Spectra Using Fuzzy Interquartile Encoding and Stochastic Feature Selection. 2007 ,	6
1433	Versatile and Efficient Meta-Learning Architecture: Knowledge Representation and Management in Computational Intelligence. 2007 ,	7
1432	Bias-variance tradeoff in hybrid generative-discriminative models. 2007 ,	8
1431	Principal Directions-Based Algorithm for Classification Tasks. 2007,	2
1430	Connection between Self-Organizing Maps and Metric Multidimensional Scaling. 2007,	8
1429	Retrieving TSM Concentration From Multispectral Satellite Data by Multiple Regression and Artificial Neural Networks. 2007 , 45, 1342-1350	32
1428	An Empirical Bayesian Strategy for Solving the Simultaneous Sparse Approximation Problem. 2007 , 55, 3704-3716	461
1427	Qualitative Analysis of Feed Management Practice on Goat Herds by Self Organizing Maps in Murcia Region of Spain. 2007 , 32, 41-47	1
1426	Selecting scenarios to assess exposure of surface waters to veterinary medicines in Europe. 2007 , 41, 4669-76	18
1425	A step toward barcoding life: a model-based, decision-theoretic method to assign genes to preexisting species groups. 2007 , 56, 44-56	73
1424	Prediction of side chain orientations in proteins by statistical machine learning methods. 2007 , 25, 275-88	2
1423	Fractal based classification of Colon cancer tissue images. 2007 ,	5
1422	Data mining in space physics: MineTool algorithm. 2007 , 112, n/a-n/a	6
1421	Which nearBurface atmospheric variable drives airBea temperature differences over the global ocean?. 2007 , 112,	7
1420	Neural network emulations for complex multidimensional geophysical mappings: Applications of neural network techniques to atmospheric and oceanic satellite retrievals and numerical modeling. 2007 , 45, n/a-n/a	55
1419	Estimation of sonic layer depth from surface parameters. 2007 , 34,	13

1418	Machine learning and its applications to biology. 2007 , 3, e116	339
1417	Dynamic Aspects of the Diesel Engine Work. 2007,	
1416	Analysis of Gene Expression Data Using BRB-Array Tools. 2007, 3, 117693510700300	440
1415	Comparison of Computational Algorithms for the Classification of Liver Cancer using SELDI Mass Spectrometry: A Case Study. 2007 , 3, 117693510700300	3
1414	Tree-structured regression and the differentiation of integrals. 2007, 35,	19
1413	Assessment of the Genetic Diversity in Argentine Rice Cultivars with SSR Markers. 2007 , 47, 853-858	36
1412	. 2007 , CLXXXIII,	
1411	From dummy regression to prior probabilities in PLS-DA. 2007 , 21, 529-536	78
1410	Soft Computing Techniques Applied to Combinatorial Catalysis: A New Approach for the Discovery and Optimization of Catalytic Materials. 2007 , 26, 11-26	29
1409	Dimension Reduction with Linear Discriminant Functions Based on an Odds Ratio Parameterization. 2007 , 71, 629-666	1
1408	Morphological variation of Nymphaea (Nymphaeaceae) in European Russia. 2007 , 25, 329-338	15
1407	Fish assemblage patterns in the littoral zone of a European reservoir. 2007 , 52, 448-458	40
1406	Assessment of the performances of multilayer perceptron neural networks in comparison with recurrent neural networks and two statistical methods for diagnosing coronary artery disease. 2007 , 24, 131-142	20
1405	Discrimination of Eubazus (Hymenoptera, Braconidae) sibling species using geometric morphometrics analysis of wing venation. 2007 , 32, 625-634	52
1404	Non-linear dimensionality reduction of signaling networks. 2007 , 1, 27	14
1403	Improved classification accuracy in 1- and 2-dimensional NMR metabolomics data using the variance stabilising generalised logarithm transformation. 2007 , 8, 234	169
1402	Clustering of volcanic ash arising from different fragmentation mechanisms using Kohonen self-organizing maps. 2007 , 33, 821-828	13
1401	A Statistical Index of Bio-Optical Seawater Types. 2007 , 45, 2644-2651	27

(2008-2007)

1400	Hedonic price models and indices based on boosting applied to the Dutch housing market. 2007 , 15, 85-106	10
1399	Sampling design in large-scale vegetation studies: Do not sacrifice ecological thinking to statistical purism!. 2007 , 42, 199-208	61
1398	PLS and dimension reduction for classification. 2007 , 22, 189-208	50
1397	Patterns Based Classifiers. 2007, 10, 71-83	34
1396	Automated work-flow for processing high-resolution direct infusion electrospray ionization mass spectral fingerprints. 2007 , 3, 41-54	8
1395	From phenotype to genotype: whole tissue profiling for plant breeding. 2007 , 3, 489-501	12
1394	Proposed minimum reporting standards for data analysis in metabolomics. 2007, 3, 231-241	317
1393	Model combination for credit risk assessment: A stacked generalization approach. 2007 , 151, 289-306	36
1392	Prediction of retention factors in micellar electrokinetic chromatography from theoretically derived molecular descriptors. 2007 , 158, 117-122	19
1391	Weekly milk prediction on dairy goats using neural networks. 2007 , 16, 373-381	14
1390	Periodicity and stability issues of a chaotic pattern recognition neural network. 2007, 10, 175-188	12
1389	Cognitive assessment of older primary care patients with and without memory complaints. 2007 , 22, 949-54	12
1388	Nonlinear dimensionality reduction and data visualization: A review. 2007 , 4, 294-303	31
1387	New Routes from Minimal Approximation Error to Principal Components. 2008 , 27, 197-207	63
1386	Comment on IDn Discriminative vs. Generative Classifiers: A Comparison of Logistic Regression and Naive Bayes ID 2008, 28, 169-187	35
1385	A Model-Selection Framework for Multibody Structure-and-Motion of Image Sequences. 2008 , 79, 159-177	27
1384	Plasma fatty acid metabolic profile coupled with uncorrelated linear discriminant analysis to diagnose and biomarker screening of type 2 diabetes and type 2 diabetic coronary heart diseases. 2008 , 4, 30-38	30
1383	Modelling of essential fish habitat based on remote sensing, spatial analysis and GIS. 2008 , 612, 5-20	117

1382	The recycling of wool clothes: an artificial neural network colour classification tool. 2008, 37, 722-731	14
1381	Selecting hidden Markov model state number with cross-validated likelihood. 2008 , 23, 541-564	81
1380	When has an abandoned field become a semi-natural grassland or heathland?. 2008, 42, 707-16	18
1379	Mining Supervised Classification Performance Studies: A Meta-Analytic Investigation. 2008 , 25, 87-112	28
1378	Online filtering of CO2 signals from a bioreactor gas outflow using a committee of constructive neural networks. 2008 , 31, 101-9	10
1377	Boosting for real and functional samples: an application to an environmental problem. 2008 , 22, 27-37	3
1376	Action following the discovery of a global association between the whole genome and adverse event risk in a clinical drug-development programme. 2009 , 8, 287-300	
1375	ST-PLS: a multi-directional nearest shrunken centroid type classifier via PLS. 2008 , 22, 54-62	27
1374	Multivariate strategies for classification of Eucalyptus globulus genotypes using carbohydrates content and NIR spectra for evaluation of their cold resistance. 2008 , 22, 268-280	15
1373	Using OrPLS to Identify Asymptomatic Women at Risk For Alzheimer's Disease. 2008 , 22, 522-527	5
1372	Downscaling of coarse-grained geomorphological data. 2008 , 33, 75-89	17
1371	Comparison of approaches for machine-learning optimization of neural networks for detecting gene-gene interactions in genetic epidemiology. 2008 , 32, 325-40	87
1370	Predicting the brain response to treatment using a Bayesian hierarchical model with application to a study of schizophrenia. 2008 , 29, 1092-109	29
1369	A paradigm of diagnostic criteria for polyarteritis nodosa: analysis of a series of 949 patients with vasculitides. 2008 , 58, 1528-38	73
1368	Neural network imputation: An experience with the national resources inventory survey. 2008 , 13, 255-269	3
1367	Discriminant milk components of Bactrian camel (Camelus bactrianus), dromedary (Camelus dromedarius) and hybrids. 2008 , 88, 607-617	30
1366	Assignment of relevate to pre-defined classes by supervised clustering of plant communities using a new composite index. 2008 , 19, 525-536	39
1365	Forecasting daily patient volumes in the emergency department. 2008 , 15, 159-70	160

(2008-2008)

1364	skull variation: case study in sympatric Argentinian species of the genus Calomys (Rodentia: Cricetidae: Sigmodontinae). 2008 , 94, 365-378	21
1363	Taxonomy, skull diversity and evolution in a species complex of Myotis (Chiroptera: Vespertilionidae): a geometric morphometric appraisal. 2008 , 95, 529-538	45
1362	The properties of high-dimensional data spaces: implications for exploring gene and protein expression data. 2008 , 8, 37-49	370
1361	Imputing missing genotypic data of single-nucleotide polymorphisms using neural networks. 2008 , 16, 487-95	20
1360	Variable selection in logistic regression for detecting SNP-SNP interactions: the rheumatoid arthritis example. 2008 , 16, 735-41	13
1359	Measuring firm performance by using linear and non-parametric quantile regressions. 2008, 57, 227-250	14
1358	Mollusc diversity patterns in Central European fens: hotspots and conservation priorities. 2008 , 35, 1215-1225	5 45
1357	A DSP Approach for Finding the Codon Bias in DNA Sequences. 2008 , 2, 343-356	33
1356	Chilean Wine Classification Using Volatile Organic Compounds Data Obtained With a Fast GC Analyzer. 2008 , 57, 2421-2436	30
1355	CMA: a comprehensive Bioconductor package for supervised classification with high dimensional data. 2008 , 9, 439	80
1354	A non-parametric meta-analysis approach for combining independent microarray datasets: application using two microarray datasets pertaining to chronic allograft nephropathy. 2008 , 9, 98	19
1353	Nonlinear Function Learning Using Radial Basis Function Networks: Convergence and Rates. 2008, 101-110	
1352	Multidimensional Scaling. 2008 , 315-347	184
1351	A new survey on knowledge discovery and data mining. 2008,	5
1350	Neural Nets and Genetic Algorithms in Marketing. 2008, 399-433	2
1349	Computer-Aided Design of Solid Catalysts. 2008 , 66	
1348	Computational diagnostics with gene expression profiles. 2008 , 453, 281-96	6
1347	Clustering. 2008 , 453, 423-39	7

1346	Modelling of essential fish habitat based on remote sensing, spatial analysis and GIS. 2008, 5-20	9
1345	Feature Selection by Lorentzian Peak Reconstruction for ^1NMR Post-Processing. 2008,	2
1344	Augmentation of Elman Recurrent Network Learning with Particle Swarm Optimization. 2008,	1
1343	Error-dependency relationships for the native Bayes classifier with binary features. 2008, 30, 735-40	3
1342	Kernel discriminant analysis using case-specific smoothing parameters. 2008 , 38, 1413-8	8
1341	Machine learning methods without tears: a primer for ecologists. 2008 , 83, 171-93	439
1340	Performance of Gene Selection and Classification Methods in a Microarray Setting: A Simulation Study. 2008 , 37, 409-424	4
1339	Global Learning vs. Local Learning. 2008 , 13-27	2
1338	A novel support vector machine with its features weighted by mutual information. 2008,	
1337	Sparse kernel density estimator using orthogonal regression based on D-Optimality experimental design. 2008 ,	2
1336	Comparison of learning algorithms. 2008,	14
1335	Digital Ecosystems: Optimisation by a distributed intelligence. 2008,	10
1334	Automated classification of heat resistant steel structures based on neural networks. 2008,	3
1333	Artificial Intelligence and Data Mining Techniques in Medicine (Success Stories. 2008,	3
1332	An introduction to statistical methods used in binary outcome modeling. 2008, 12, 153-66	21
1331	A Bayesian network model for surface roughness prediction in the machining process. 2008 , 39, 1181-1192	36
1330	Nearest Neighbour Classifiers for Streaming Data with Delayed Labelling. 2008,	17
1329	Application of artificial neural computation in topex waveform data: A case study in water ratio regression. 2008 ,	

1328 Analysis of collagen fibre shape changes in breast cancer. 2008 , 53, 6641-52	48
1327 Semantic cognition or data mining?. 2008 , 31, 714-715	1
1326 Chinese Signature Identification Based on Dynamic Studying System. 2008 ,	О
Data Visualization, Data Reduction and Classifier Fusion for Intelligent Fault Diagnosis in Gas Turbine Engines. 2008 , 130,	14
Relationships between Safety and Both Congestion and Number of Lanes on Urban Freeways. 2008 , 2083, 26-39	41
On-line Estimation of Fresh Milk Composition by means of VIS-NIR Spectrometry and Partial Least Squares Method (PLS). 2008 ,	3
1322 Inference Method for Fault Diagnosis of Complex Systems Based on Bayesian Network. 2008 ,	
1321 Classifying Sonar Images: Can a Computer-Driven Process Identify Eels?. 2008 , 28, 1876-1886	28
1320 GRASSHOPPER DENSITY POPULATION CLASSIFICATION WITH NEURAL NETWORKS. 2008 , 03, 275-283	1
1319 Neural Network Modeling with Sparse Datasets. 2008 , 26, 545-561	1
Binary classification models for endocrine disrupter effects mediated through the estrogen receptor. 2008 , 19, 697-733	38
The relationships of modern pollen spectra to vegetation and climate along a steppeforestfundra transition in southern Siberia, explored by decision trees. 2008 , 18, 1259-1271	29
1316 Risk prediction and risk factors identification from imbalanced data with RPMBGA+. 2008 ,	1
1315 Penalized loss functions for Bayesian model comparison. 2008 , 9, 523-39	252
1314 COLLABORATIVE FILTERING FOR MULTI-CLASS DATA USING BAYESIAN NETWORKS. 2008 , 17, 71-85	20
1313 Characterization of Failure Modes in CFRP Composites 🖾 ANN Approach. 2008 , 42, 257-276	9
1312 Genetics and genomics: gene expression microarrays. 2008, 118, 1593-7	18
1311 Machine vision tool for real-time detection of defects on textile raw fabrics. 2008 , 99, 57-66	20

1310 Pre-extracting Method for SVM Classification Based on the Non-parametric K-NN Rule. 2008,

1309	Factors Associated With Persistence in Science and Engineering Majors: An Exploratory Study Using Classification Trees and Random Forests. 2008 , 97, 57-70	54
1308	Variation in the Probability that Male Coho Salmon Will Mature Early: Inferences from Hierarchical Models. 2008 , 137, 70-95	4
1307	Towards using neural networks to perform object-oriented function approximation. 2008,	
1306	Hybrid neural-based guiding system for mobile robots. 2008,	1
1305	A neurofuzzy inference system based on biomechanical features for the evaluation of the effects of physical training. 2008 , 11, 11-7	2
1304	Gender-dependent progression of systemic metabolic states in early childhood. 2008 , 4, 197	47
1303	Cross-Validation: How Many Should We Leave Out?. 2008 , 19, 17-17	1
1302	A Hybrid Approach to Selecting Susceptible Single Nucleotide Polymorphisms for Complex Disease Analysis. 2008 ,	
1301	References. 2008 , 222-236	
1300	Modelling the Combustion Process in the Diesel Engine with the Use of Neural Networks. 2008,	2
1299	Evaluation and Modeling of Physical and Physiological Damage to Wheat Seeds under Successive Impact Loadings: Mathematical and Neural Networks Modeling. 2008 , 48, 1532-1544	20
1298	Evaluating microarray-based classifiers: an overview. 2008 , 6, 77-97	60
1297	RISK EVALUATION OF SOIL CONTAMINATION PURIFICATION COSTS BY BAYESIAN NEURAL NETWORK METHODS. 2008 , 64, 130-147	
1296	P-values for classification. 2008 , 2,	7
1295	Bayesian multinomial regression with class-specific predictor selection. 2008 , 2,	7
1294	Image Segmentation between Crop and Weed using Hyperspectral Imaging for Weed Detection in Soybean Field. 2008 , 46, 163-173	22
1293	A Heuristic Approach for Offboard-Diagnostics in Advanced Automotive Systems. 2009 , 2, 344-351	3

1292 Natural Texture Classification: A Neural Network Models Benchmark. 2009,

1291	Dynamic quantum clustering: a method for visual exploration of structures in data. 2009 , 80, 066117	23
1290	. 2009,	1
1289	Adachi-like chaotic neural networks requiring linear-time computations by enforcing a tree-shaped topology. 2009 , 20, 1797-809	8
1288	. 2009,	5
1287	Artificial neural network (ANN) models for determining hydraulic conductivity of compacted fine-grained soils. 2009 , 46, 955-968	48
1286	Artificial Neural Networks and Genetic Algorithms in Energy Applications in Buildings. 2009 , 3, 83-119	35
1285	Nonlinear Logistic Discrimination Via Regularized Gaussian Basis Expansions. 2009 , 38, 1414-1425	3
1284	Automatic fundus image classification for computer-aided diagonsis. 2009, 2009, 1453-6	1
1283	Neural network output optimization using interval analysis. 2009 , 20, 638-53	38
1282	Optimizing Linear and Quadratic Data Transformations for Classification Tasks. 2009,	1
1281	Microarray classification using block diagonal linear discriminant analysis with embedded feature selection. 2009 ,	5
1280	Evaluating the performance of Gulf of Alaska walleye pollock (Theragra chalcogramma) recruitment forecasting models using a Monte Carlo resampling strategy. 2009 , 66, 367-381	7
1279	Classification using Markov blanket for feature selection. 2009 ,	6
1278	A novel confidence estimation method for neural networks in multispectral image classification. 2009 , 2, 343-358	6
1277	The usage of Artificial Neural Networks in the classification and forecast of potable water consumption. 2009 ,	2
1276	Benchmarking reservoir computing on time-independent classification tasks. 2009,	10
1275	Learning Vector Quantization with adaptive prototype addition and removal. 2009,	8

1274	Data mining and statistically guided clinical review of adverse event data in clinical trials. 2009 , 19, 803-17	13
1273	Ruling out and ruling in neural codes. 2009 , 106, 5936-41	124
1272	Face, Fingerprint and Voice Recognition with Modular Neural Networks and Fuzzy Integration. 2009 , 69-79	6
1271	ANALYSIS OF CLASSIFICATION WITH A REJECT OPTION. 2009 , 07, 375-385	14
1270	A global investigation of key turning points in business process maturity. 2009 , 15, 792-815	94
1269	Condition prediction based on wavelet packet transform and least squares support vector machine methods. 2009 , 223, 71-79	18
1268	Towards Constructing a Bibliometric Cited Distance Factor for an Article Using an Elman Neural Network. 2009 , 3, 17-29	O
1267	Comparison of Snow Cover from Satellite and Numerical Weather Prediction Models in the Northern Hemisphere and Northern Europe. 2009 , 48, 1199-1216	2
1266	Error rates and powers in genome-scale RNAi screens. 2009 , 14, 230-8	11
1265	EVALUATION OF NONSTATIONARY VEHICLE PASSING LOUDNESS BASED ON AN ANTINOISE WAVELET PRE-PROCESSING NEURAL NETWORK MODEL. 2009 , 07, 459-480	7
1264	Recognizing shipbuilding parts using artificial neural networks and Fourier descriptors. 2009 , 223, 337-342	41
1263	Mining Time Series Data. 2009 , 1049-1077	25
1262	Determination of attitudes of students teachers towards the utilization of technology: creating a technology tree. 2009 , 1, 2032-2037	1
1261	PCOPGene-Net: holistic characterisation of cellular states from microarray data based on continuous and non-continuous analysis of gene-expression relationships. 2009 , 10, 138	3
1260	Predicting sulfotyrosine sites using the random forest algorithm with significantly improved prediction accuracy. 2009 , 10, 361	13
1259	Sample entropy analysis of cervical neoplasia gene-expression signatures. 2009 , 10, 66	9
1258	Bayesian clustering and feature selection for cancer tissue samples. 2009 , 10, 90	13
1257	Support vector machines for automated recognition of obstructive sleep apnea syndrome from ECG recordings. 2009 , 13, 37-48	233

(2009-2009)

1256	Automated scoring of obstructive sleep apnea and hypopnea events using short-term electrocardiogram recordings. 2009 , 13, 1057-67	86
1255	Unsupervised brain computer interface based on intersubject information and online adaptation. 2009 , 17, 135-45	86
1254	A combined sEMG and accelerometer system for monitoring functional activity in stroke. 2009 , 17, 585-94	92
1253	A control system for rotary blood pumps based on suction detection. 2009 , 56, 656-65	42
1252	Machine learning in genome-wide association studies. 2009 , 33 Suppl 1, S51-7	89
1251	Optical detection and grading of lung neoplasia by Raman microspectroscopy. 2009 , 124, 376-80	25
1250	Discrimination of climacteric and non-climacteric melon fruit at harvest or at the senescence stage by quality traits. 2009 , 89, 1743-1753	10
1249	The aspect Bernoulli model: multiple causes of presences and absences. 2009 , 12, 55-78	14
1248	Non-linear visualization and analysis of large water quality data sets: a model-free basis for efficient monitoring and risk assessment. 2009 , 23, 977-990	27
1247	Modifying genetic programming for artificial neural network development for data mining. 2009 , 13, 291-305	16
1246	Nonlinear Poisson regression using neural networks: a simulation study. 2009 , 18, 939-943	24
1245	Nonlinear logistic discrimination via regularized radial basis functions for classifying high-dimensional data. 2009 , 61, 331-353	3
1244	CCH-based geometric algorithms for SVM and applications. 2009 , 30, 89-100	4
1243	Exact bootstrap k-nearest neighbor learners. 2009 , 74, 235-255	17
1242	Nonlinear association between serum testosterone levels and coronary artery disease in Iranian men. 2009 , 24, 297-306	15
1241	Enhancing Inflow Forecasting Model at Aswan High Dam Utilizing Radial Basis Neural Network and Upstream Monitoring Stations Measurements. 2009 , 23, 2289-2315	53
1240	Uncertainty characterization in remotely sensed land cover information. 2009, 12, 165-171	4
1239	Selecting credit rating models: a cross-validation-based comparison of discriminatory power. 2009 , 23, 187-203	7

1238	Feature Selection and Semisupervised Fuzzy Clustering. 2009 , 1, 179-190	1
1237	Linear Feature-weighted Support Vector Machine. 2009 , 1, 289-305	20
1236	Pollen discrimination and classification by Fourier transform infrared (FT-IR) microspectroscopy and machine learning. 2009 , 394, 1443-52	63
1235	D. Hand: Information generation (2007): how data rule our world. 2009 , 24, 373-374	
1234	A back-propagation network for the assessment of susceptibility to rock slope failure in the eastern portion of the Southern Cross-Island Highway in Taiwan. 2009 , 57, 723-733	31
1233	Selecting variables in non-parametric regression models for binary response. An application to the computerized detection of breast cancer. 2009 , 28, 240-59	4
1232	Non-invasive risk stratification of coronary artery disease: an evaluation of some commonly used statistical classifiers in terms of predictive accuracy and clinical usefulness. 2009 , 15, 777-81	6
1231	BIOMOD haplatform for ensemble forecasting of species distributions. 2009, 32, 369-373	1340
1230	Stochastic approximation boosting for incomplete data problems. 2009 , 65, 1156-63	1
1229	Exhaled air temperature in asthmatic children: a mathematical evaluation. 2009 , 20, 164-71	12
1228	Accounting for uncertainty in health economic decision models by using model averaging. 2009 , 172, 383-404	59
		59
	172, 383-404	
1227	172, 383-404 Qualitative analysis of goat and sheep production data using self-organizing maps. 2009, 26, 191-201 Identifying subjects who benefit from additional information for better prediction of the outcome	4
1227	Qualitative analysis of goat and sheep production data using self-organizing maps. 2009, 26, 191-201 Identifying subjects who benefit from additional information for better prediction of the outcome variables. 2009, 65, 894-902 An algorithm for identification and computer visualization of events I. 2009, 48, 540-553	4
1227 1226 1225	Qualitative analysis of goat and sheep production data using self-organizing maps. 2009, 26, 191-201 Identifying subjects who benefit from additional information for better prediction of the outcome variables. 2009, 65, 894-902 An algorithm for identification and computer visualization of events I. 2009, 48, 540-553	4
1227 1226 1225	Qualitative analysis of goat and sheep production data using self-organizing maps. 2009, 26, 191-201 Identifying subjects who benefit from additional information for better prediction of the outcome variables. 2009, 65, 894-902 An algorithm for identification and computer visualization of events I. 2009, 48, 540-553 An algorithm for identification and computer visualization of events. II. 2009, 48, 914-931	8

1220	Pattern recognition system of Jatropha curcas fruits using back propagation. 2009,	5
1219	A new multivariate time series data analysis technique: Automated detection of flux transfer events using Cluster data. 2009 , 114, n/a-n/a	12
1218	Species Distribution Models Do Not Account for Abundance: The Case of Arthropods on Terceira Island. 2009 , 46, 451-464	43
1217	Seizure Analysis and Detection In Vivo. 2009 , 203-233	
1216	Why do we observe misclassification errors smaller than the Bayes error?. <i>Journal of Statistical Computation and Simulation</i> , 2009 , 79, 717-722	О
1215	Using Artificial Neural Networks to Model Nonlinearity: The Case of the Job SatisfactionIlob Performance Relationship. 2009 , 12, 403-417	56
1214	Enhancement of Particle Swarm Optimization in Elman Recurrent Network with Bounded Vmax Function. 2009 ,	1
1213	Performance prediction for RNA design using parametric and non-parametric regression models. 2009 ,	1
1212	ANN Model for Corporate Credit Risk Assessment. 2009,	7
1211	Increasing power in randomized trials with right censored outcomes through covariate adjustment. 2009 , 19, 1099-131	22
1210	Generalized likelihood ratio discriminant analysis. 2009,	1
1209	Detection of Masses in Mammograms Using Cellular Neural Networks, Hidden Markov Models and Ripley's K Function. 2009 ,	
1208	Regularized negative correlation learning for neural network ensembles. 2009 , 20, 1962-79	76
1207	A real-time monitoring system for diesel and gasoline exhaust exposure. 2009,	2
1206	Classification based on hybridization of parametric and nonparametric classifiers. 2009, 31, 1153-64	17
1205	Bayesian clustering of fuzzy feature vectors using a quasi-likelihood approach. 2009 , 31, 74-85	7
1204	Unsupervised learning of Probabilistic Grammar-Markov Models for object categories. 2009 , 31, 114-28	26
1203	Outlier detection with the kernelized spatial depth function. 2009 , 31, 288-305	51

1202	Construction of tunable radial basis function networks using orthogonal forward selection. 2009 , 39, 457-66	36
1201	Two-phase construction of multilayer perceptrons using information theory. 2009 , 20, 715-21	28
1200	Artificial neural networks in positron emission tomography-computed tomography: is it time yet?. 2009 , 30, 759-62	
1199	An Assessment of Geometric Activity Features for Per-pixel Classification of Urban Man-made Objects using Very High Resolution Satellite Imagery. 2009 , 75, 397-411	11
1198	An Approach for the Construction of Entropy Measure and Energy Map in Machine Fault Diagnosis. 2009 , 131,	7
1197	Introduction. 2009,	
1196	Calibration. 2009,	1
1195	Cluster Analysis. 2009,	
1194	Multimodal detection of sleep apnoea using electrocardiogram and oximetry signals. 2009, 367, 369-89	29
1193	Regression Statistics in Discriminant Analysis. 2009 , 20, 16-17	Ο
1192	Dynamic Fuzzy Pattern Matching for the monitoring of non stationary processes. 2009 , 42, 516-521	
1191	Classification of Terrorist Group Events in the Philippines: Location, Location, Location. 2010 , 5, 41-54	1
1190	The Chair Back Experiment: Hierarchical Temporal Memory and the Evolution of Artificial Intelligence in Architecture. 2010 , 8, 151-164	
1189	Reliability analysis using artificial neural networks. 2010 ,	
1188	A robotic welding system using image processing techniques and a CAD model to provide information to a multi-intelligent decision module. 2010 , 30, 323-332	30
1187	AUTOMATED CLASSIFICATION OF VARIABLE STARS IN THE ASTEROSEISMOLOGY PROGRAM OF THE KEPLER SPACE MISSION. 2010 , 713, L204-L207	27
1186	Quantitative DNA methylation predicts survival in adult acute myeloid leukemia. 2010 , 115, 636-42	121
1185	Atypical diffusion tensor hemispheric asymmetry in autism. 2010 , 3, 350-8	111

(2010-2010)

Penalized multinomial mixture logit model. 2010 , 25, 121-141	3
1183 Bootstrap model selection for possibly dependent and heterogeneous data. 2010 , 62, 515-546	1
Suboptimal nonlinear predictive control based on multivariable neural Hammerstein models. 2010 , 32, 173-192	15
$_{11}8_{1}$ Adaptive pruning algorithm for least squares support vector machine classifier. 2010 , 14, 667-680	28
Hybrid and ensemble-based soft computing techniques in bankruptcy prediction: a survey. 2010 , 14, 995-1010	106
1179 Pattern classification with missing data: a review. 2010 , 19, 263-282	363
1178 Full-class set classification using the Hungarian algorithm. 2010 , 1, 53-61	18
1177 Statistical considerations for high throughput screening data. 2010 , 5, 354-360	
Potential loss of genetic variability despite well established network of reserves: the case of the Iberian endemic lizard Lacerta schreiberi. 2010 , 19, 2651-2666	12
A Lamarckian Hybrid of Differential Evolution and Conjugate Gradients for Neural Network Training. 2010 , 32, 31-44	14
1174 Image Processing Techniques and Feature Recognition in Solar Physics. 2010 , 262, 235-275	58
1173 A Code for Automated Tracing of Coronal Loops Approaching Visual Perception. 2010 , 262, 399-423	25
Non-linear regression models for Approximate Bayesian Computation. 2010 , 20, 63-73	269
1171 A projection pursuit index for large p small n data. 2010 , 20, 381-392	17
Particle Swarm Optimization Aided Orthogonal Forward Regression for Unified Data Modeling. 2010 , 14, 477-499	63
1169 . 2010 , 4, 548-559	11
1168 Statistical model comparison applied to common network motifs. 2010 , 4, 18	5
1167 Pattern recognition. 2010 , 2, 404-413	9

1166	Bayesian adaptive nearest neighbor. 2010 , 3, 92-105	7
1165	Data envelopment analysis with classification and regression tree la case of banking efficiency. 2010 , 27, 231-246	53
1164	Classification Analysis of World Economic Regions. 2010 , 33, 330-352	6
1163	Tracking greenery across a latitudinal gradient in central Asia Lihe migration of the saiga antelope. 2010 , 16, 663-675	45
1162	Artificial neural networks and the study of the psychoactivity of cannabinoid compounds. 2010 , 75, 632-40	11
1161	The Statistical Analysis of Judicial Decisions and Legal Rules with Classification Trees. 2010 , 7, 202-230	20
1160	Probing tumor and peritumoral tissues in superficial and nodular basal cell carcinoma using polarized Raman microspectroscopy. 2010 , 19, 68-73	15
1159	Bleeding of anaesthetized and exhausted Atlantic salmon: body cavity inspection and residual blood in pre-rigor and smoked fillets as determined by various analytical methods. 2010 , 41, 496-510	12
1158	Using VLAD scores to have a look insight ICU performance: towards a modelling of the errors. 2010 , 16, 968-75	5
1157	Ensemble forecasting shifts in climatically suitable areas for Tropidacris cristata (Orthoptera: Acridoidea: Romaleidae). 2010 , 3, 213	36
1156	Accurate spike sorting for multi-unit recordings. 2010 , 31, 263-72	84
1155	The Elements of Statistical Learning: Data Mining, Inference, and Prediction. 2010 , 173, 693-694	111
1154	Improving cancer classification accuracy using gene pairs. 2010 , 5, e14305	37
1153	Traffic Prediction in Metropolitan Freeways. 2010,	5
1152	References. 2010 , 289-306	
1151	Estimation strategies for reacting to the identification of an association between the genome and adverse drug reactions. 2011 , 21, 111-24	
1150	Large data real-time classification with Non-negative Matrix Factorization and Self-Organizing Maps on GPU. 2010 ,	2
1149	Spatial statistics in geographical information science: from interpolation to probabilistic robotics. 2010 , 16, 211-221	

1148	Comparing techniques for vegetation classification using multi- and hyperspectral images and ancillary environmental data. 2010 , 31, 6143-6161	34
1147	Adaptive neuro-fuzzy inference system (ANFIS) in modelling breast cancer survival. 2010 ,	13
1146	Signal processing for biologically inspired sensors. 2010 ,	1
1145	Multilevel analysis of spatiotemporal association features for differentiation of tumor enhancement patterns in breast DCE-MRI. 2010 , 37, 3940-56	41
1144	Correntropy-based density-preserving data sampling as an alternative to standard cross-validation. 2010 ,	3
1143	Bayes Factor based speaker clustering for speaker diarization. 2010 ,	
1142	Measurement of the ratio (Lt)/(Z/()*}-fl} and precise extraction of the tt cross section. 2010 , 105, 012001	54
1141	Determinants of Serum PCBs in Adolescents and Adults: Regression Tree Analysis and Linear Regression Analysis. 2010 , 16, 1115-1132	4
1140	Applying CHAID for logistic regression diagnostics and classification accuracy improvement. 2010 , 18, 109-117	21
1139	Performance analysis of different feature-classifier binomials in motor-imagering BCIs: Preliminary results. 2010 ,	1
1138	Reorganization of functional connectivity as a correlate of cognitive recovery in acquired brain injury. 2010 , 133, 2365-81	111
1137	An STDP training algorithm for a spiking neural network with dynamic threshold neurons. 2010 , 20, 463-80	25
1136	EFFICIENT CLASSIFICATION OF SCANNED MEDIA USING SPATIAL STATISTICS. 2010 , 24, 917-946	1
1135	An optimal sphere and two large margins approach for novelty detection. 2010 ,	18
1134	Rolling element bearing diagnosis using convex hull. 2010 ,	3
1133	Recognizing Dance Motions with Segmental SVD. 2010 ,	3
1132	Visualizing Support Vectors and topological data mapping for improved generalization capabilities. 2010 ,	
1131	Analysis of the Relationship between Banded Orographic Convection and Atmospheric Properties Using Factorial Discriminant Analysis and Neural Networks. 2010 , 49, 646-663	3

1130 Body Sensor Networks for Sport, Wellbeing and Health. 2010 , 349-381	6
1129 Efficient learning and feature selection in high-dimensional regression. 2010 , 22, 831-86	23
Mapping dynamic histone acetylation patterns to gene expression in nanog-depleted murine embryonic stem cells. 2010 , 6, e1001034	20
1127 The ensemble bridge algorithm: a new modeling tool for drug discovery problems. 2010 , 50, 309-	16 12
Software modules categorization through likelihood and bayesian analysis of finite dirichlet mixtures. 2010 , 37, 235-252	15
A Comparison of Techniques for Handling Incomplete Input Data with a Focus on Attribute Relevance Influence. 2010 ,	O
Application of artificial neural networks to a study of nursing burnout. 2010 , 53, 1085-96	13
Radial basis function regression methods for predicting quantitative traits using SNP markers. 20° , 92, 209-25	10 35
1122 Statistical Resampling Techniques for Large Biological Data Analysis. 2010 , 219-248	3
1121 Neural Network Modeling of Resilient Modulus Using Routine Subgrade Soil Properties. 2010 , 10,	1-12 53
A review on hyperspectral remote sensing for homogeneous and heterogeneous forest biodiversity assessment. 2010 , 31, 1837-1856	68
1119 Feature selection and machine learning with mass spectrometry data. 2010 , 593, 205-29	14
1118 Interval type-2 fuzzy classifier design using Genetic Algorithms. 2010 ,	11
Summer Stream Water Temperature Models for Great Lakes Streams: New York. 2010 , 139, 1399-	1414 22
AN ADAPTIVE LEARNING FRAMEWORK FOR FORECASTING SEASONAL WATER ALLOCATIONS IN IRRIGATED CATCHMENTS. 2010 , 23, 324-353	3
1115 Multibody structure-from-motion in practice. 2010 , 32, 1134-41	70
Multiobjective Neural Network Ensembles Based on Regularized Negative Correlation Learning. 2010 , 22, 1738-1751	85
1113 Hybrid Approach to SpeechEmotion Recognition. 2010 , 107-149	

1112	A survey of cross-validation procedures for model selection. 2010 , 4,	1993
1111	Improving graph-walk-based similarity with reranking. 2010 , 29, 1-52	14
1110	Facial expression recognition in JAFFE dataset based on Gaussian process classification. 2010 , 21, 1685-90	64
1109	Decision support system for heart disease based on support vector machine and Artificial Neural Network. 2010 ,	48
1108	Software Development for Malicious Nodes Discovery in Wireless Sensor Network Security. 2010 ,	
1107	References. 2010 , 389-397	
1106	Supervised neural network modeling: an empirical investigation into learning from imbalanced data with labeling errors. 2010 , 21, 813-30	47
1105	A New Classification Algorithm Using Mutual Nearest Neighbors. 2010 ,	11
1104	Improved nearest neighbor classifier based on local space inversion. 2010,	1
1103	Dissimilarity-based classification of data with missing attributes. 2010 ,	4
1102	Fast weight calculation for kernel-based perceptron in two-class classification problems. 2010,	1
1101	k-Means Algorithm in Statistical Shape Analysis. 2010 , 39, 1016-1026	10
1100	Integrated stock mixture analysis for continous and categorical data, with application to geneticBtolith combinations. 2010 , 67, 1533-1548	39
1099	Exploitation of 3D Stereotactic Surface Projection for automated classification of Alzheimer's disease according to dementia levels. 2010 ,	1
1098	. 2010,	
1097	Pattern classification with ordered features using mRMR and neural networks. 2010,	3
1096	What to measure next to improve decision making? On top-down task driven feature saliency. 2011	3
1095	Landscape Models of Brook Trout Abundance and Distribution in Lotic Habitat with Field Validation. 2011 , 31, 742-756	26

A vision-based system for on-board identification and estimation of discarded bio-mass: A tool for contributing to marine resources sustainability. **2011**,

1093	Magnification in divergence based neural maps. 2011,	2
1092	Visual tracking of the Millennium Development Goals with a Self-organizing neural network. 2011 ,	
1091	Towards Relevance Dendritic Computing. 2011 ,	2
1090	Forewing Shape Variation in Algerian Honey Bee Populations ofApis mellifera intermissa(Buttel-Reepen, 1906) (Hymenoptera: Apidae): A Landmark-Based Geometric Morphometrics Analysis. 2011 , 19, 11-22	10
1089	Count data modeling and classification using finite mixtures of distributions. 2011 , 22, 186-98	66
1088	Dynamic pattern recognition for the diagnosis of evolving systems. 2011 ,	
1087	Ligand Classifier of Adaptively Boosting Ensemble Decision Stumps (LiCABEDS) and its application on modeling ligand functionality for 5HT-subtype GPCR families. 2011 , 51, 521-31	19
1086	Relevance units machine for classification. 2011,	0
1085	Quantitative structure-pharmacokinetic relationships. 2011 , 7, 63-77	6
1084	Classifying large chemical data sets: using a regularized potential function method. 2011 , 51, 4-14	10
1083	Applying neural network Poisson regression to predict cognitive score changes. 2011 , 38, 2051-2062	5
1082	Development of an Artificial Neural Network Algorithm for the Prediction of Asphaltene Precipitation. 2011 , 29, 1565-1577	13
1081	Classifying molecules using a sparse probabilistic kernel binary classifier. 2011 , 51, 1539-44	19
1080	The Problem of Circularity in Evidence, Argument, and Explanation. 2011 , 6, 172-82	47
1079	A Kernel Fuzzy c-Means Clustering-Based Fuzzy Support Vector Machine Algorithm for Classification Problems With Outliers or Noises. 2011 , 19, 105-115	176
1078	Systems level studies of mammalian metabolomes: the roles of mass spectrometry and nuclear magnetic resonance spectroscopy. 2011 , 40, 387-426	565
1077	Biogeographic distribution of diversity and size-structure of organic-walled dinoflagellate cysts. Marine Ecology - Progress Series, 2011, 425, 35-45	7

1076 Introduction. **2011**, 1-21

Risk Factors Associated with Methamphetamine Production: A Spatial Predictive Modeling Approach. 2011 ,	
Targeting direct marketing campaigns by neural networks. 2011 , 27, 992-1006	26
1073 Comparison of neural network and regression techniques for nonlinear prediction problems. 2011 ,	
Artifical Neural Network (ANN) Modeling and Analysis of Radioactive Gallium-67 Adsorption from Aqueous Solution with Waste Acorns of Quercus ithaburensis. 2011 , 56, 1910-1917	4
Direct parallel perceptrons (DPPs): fast analytical calculation of the parallel perceptrons weights with margin control for classification tasks. 2011 , 22, 1837-48	8
Generalized versus non-generalized neural network model for multi-lead inflow forecasting at Aswan High Dam. 2011 , 15, 841-858	25
1069 Pattern Classification. 2011 , 105-123	
1068 Hyper-\$g\$ priors for generalized linear models. 2011 , 6,	1
1067 Harnessing the swarm: technological applications of collective intelligence. 234-258	
Integration of Engineering and Geological Uncertainty for Reservoir Performance Prediction Using a Distance-Based Approach. 2011 , 191-202	O
1065 Stock Return Prediction and Anomaly Detection by Regression Trees. 2011 ,	O
Antibodies to Plasmodium falciparum antigens predict a higher risk of malaria but protection from symptoms once parasitemic. 2011 , 204, 19-26	74
Efficient, adaptive cross-validation for tuning and comparing models, with application to drug discovery. 2011 , 5,	1
A Computational Bayesian Method for Estimating the Number of Knots In Regression Splines. 2011 , 6,	4
Relation of Flow, Speed, and Density of Urban Freeways to Functional Form of a Safety Performance Function. 2011 , 2236, 11-19	29
1060 References and Further Reading. 2011 , 305-308	1
1059 Bayesian clustering with priors on partitions. 2011 , 65, 371-386	1

1058	Riemann manifold Langevin and Hamiltonian Monte Carlo methods. 2011 , 73, 123-214	615
1057	Lectin microarray analysis of pluripotent and multipotent stem cells. 2011 , 16, 1-11	69
1056	Predicting the future of forests in the Mediterranean under climate change, with niche- and process-based models: CO2 matters!. 2011 , 17, 565-579	155
1055	Sleep/wake measurement using a non-contact biomotion sensor. 2011 , 20, 356-66	79
1054	Why the Giant Sleeps So Deeply: Political Consequences of Individual-Level Latino Demographics. 2011 , 92, n/a-n/a	
1053	Using biological knowledge to uncover the mystery in the search for epistasis in genome-wide association studies. 2011 , 75, 172-82	56
1052	Variable selection in canonical discriminant analysis for family studies. 2011 , 67, 124-32	1
1051	Evaluating the effects of climate change on tree species abundance and distribution in the Italian peninsula. 2011 , 14, 242-255	48
1050	Statistical considerations for analysis of microarray experiments. 2011 , 4, 466-77	25
1049	Discrimination power of short-term heart rate variability measures for CHF assessment. 2011 , 15, 40-6	83
1048	Data mining to generate adverse drug events detection rules. 2011 , 15, 823-30	45
1047	The impact of quantitative optimization of hybridization conditions on gene expression analysis. 2011 , 12, 73	12
1046	Estimation of Heterogeneous Treatment Effects from Randomized Experiments, with Application to the Optimal Planning of the Get-Out-the-Vote Campaign. 2011 , 19, 1-19	47
1045	High-resolution passive seismic tomography for 3D velocity, Poisson ratio pand P-wave quality QP in the Delvina hydrocarbon field, southern Albania. 2011 , 76, B89-B112	8
1044	Both geometric morphometric and microsatellite data consistently support the differentiation of the Apis mellifera M evolutionary branch. 2011 , 42, 150-161	59
1043	Binary recursive partitioning: background, methods, and application to psychology. 2011 , 64, 161-81	33
1042	Utility of Classification and Regression Tree Analyses and Vegetation in Mountain Permafrost Models, Yukon, Canada. 2011 , 22, 163-178	12
1041	Agnostic Science. Towards a Philosophy of Data Analysis. 2011 , 16, 1-20	19

1040 openModeller: a generic approach to species[potential distribution modelling. 2011 , 15, 111-135	185
Using body geometric morphometrics to identify bluemouth, Helicolenus dactylopterus (Delaroche, 1809) populations in the Northeastern Atlantic. 2011 , 669, 133-141	11
Fish distribution predictions from different points of view: comparing associative neural networks, geostatistics and regression models. 2011 , 670, 165-188	4
1037 Using data mining techniques in monitoring diabetes care. The simpler the better?. 2011 , 35, 277-81	11
1036 Classification of arrhythmia using hybrid networks. 2011 , 35, 1617-30	8
A Comparison of Logistic Regression, Classification and Regression Tree, and Neural Networks Models in Predicting Violent Re-Offending. 2011 , 27, 547-573	56
1034 Ensemble Kalman filtering with shrinkage regression techniques. 2011 , 15, 271-292	14
Combining neural network with fuzzy, certainty factor and likelihood ratio concepts for spatial prediction of landslides. 2011 , 59, 1491-1512	80
Automatic identification of crop and weed species with chlorophyll fluorescence induction curves. 2011 , 12, 546-563	21
1031 Adaptive partitioning schemes for bipartite ranking. 2011 , 83, 31-69	10
A Methodology for Establishing a Data Reliability Measure for Value of Spatial Information Problems. 2011 , 43, 929-949	12
Electrostatic field framework for supervised and semi-supervised learning from incomplete data. 2011, 10, 921-945	6
An alternative method for estimating densification point velocity based on back propagation artificial neural networks. 2011 , 55, 73-86	7
1027 Bayesian kernel projections for classification of high dimensional data. 2011 , 21, 203-216	3
1026 Strong microsite control of seedling recruitment in tundra. 2011 , 166, 565-76	81
1025 Simulated annealing for supervised gene selection. 2011 , 15, 1471-1482	7
On-line learning from streaming data with delayed attributes: a comparison of classifiers and strategies. 2011 , 20, 935-944	3
1023 The influence of ARIMA-GARCH parameters in feed forward neural networks prediction. 2011 , 20, 687-	701 ₄

1022	Metaheuristics for the feedforward artificial neural network (ANN) architecture optimization problem. 2011 , 20, 1273-1284		39
1021	An artificial neural network for prediction of gas holdup in bubble columns with oily solutions. 2011 , 20, 487-494		9
1020	Assessing the pattern of covariance matrices via an augmentation multiple testing procedure. 2011 , 20, 141-170		13
1019	An automatic computer-aided detection scheme for pneumoconiosis on digital chest radiographs. 2011 , 24, 382-93		40
1018	Advances in adaptive nonlinear manifolds and dimensionality reduction. 2011 , 6, 72-85		8
1017	Simulation and Estimation of Vapor-Liquid Equilibrium for Asymmetric Binary Systems (CO2-Alcohols) Using Artificial Neural Network. 2011 , 32, 105-114		7
1016	Semantic structures of timbre emerging from social and acoustic descriptions of music. 2011 , 2011,		3
1015	Enriching for correct prediction of biological processes using a combination of diverse classifiers. 2011 , 12, 189		4
1014	RAG: an update to the RNA-As-Graphs resource. 2011 , 12, 219		38
1013	A new method for identifying bivariate differential expression in high dimensional microarray data using quadratic discriminant analysis. 2011 , 12 Suppl 12, S6		7
1012	Building gene expression profile classifiers with a simple and efficient rejection option in R. 2011 , 12 Suppl 13, S3		4
1011	Protein spot detection and quantification in 2-DE gel images using machine-learning methods. 2011 , 11, 2038-50		14
1010	Acoustic emission source location in unidirectional carbon-fiber-reinforced plastic plates with virtually trained artificial neural networks. 2011 , 122, 3506-3513		12
1009	Applications and future challenges in marine species distribution modeling. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2011 , 21, 92-100	2.6	55
1008	Neural networks applied in chemistry. I. Determination of the optimal topology of multilayer perceptron neural networks. 2011 , 25, 527-549		64
1007	Semi-supervised linear discriminant analysis. 2011 , 25, 621-630		5
1006	Morphological perceptrons with competitive learning: Lattice-theoretical framework and constructive learning algorithm. 2011 , 181, 1929-1950		61
1005	Classification for predicting offender affiliation with murder victims. 2011 ,		3

Nonparametric mixture analysis of rock crab of the genus Leptograpsus. **2011**, 38, 581-589

The Development of an Artificial Neural Network Model for Prediction of Crude Oil Viscosities. 2011, 29, 804-816 25 1002 Similarity Calculation with Length Delimiting Dictionary Distance. 2011, 3	
1002 Similarity Calculation with Length Delimiting Dictionary Distance. 2011 , 3	
Land Use Associations with Distributions of Declining Native Fishes in the Upper Colorado River Basin. 2011 , 140, 646-658)
1000 A Measure of Credibility of Solar Power Prediction. 2011 ,	
999 Back propagation and Genetic Algorithms for control of the network element. 2011 , o	
An optimal construction and training of second order RBF network for approximation and illumination invariant image segmentation. 2011 ,	
A New Evaluation Approach to Mechanical Kinematic Concept Using Fuzzy Neural Network. 2011 , 421, 666-669	
Classification Decision of Mechanical Drive Types Using LVQ Neural Classifier in Conceptual Design. 2011 , 101-102, 614-617	
995 Concept Optimization Model with Multilevel Hierarchy Based on Fuzzy Neural Network. 2011 , 338, 30-33	
994 A NAIVE BAYES SOURCE CLASSIFIER FOR X-RAY SOURCES. 2011 , 194, 4	;
993 Quantum jump clustering. 2011 ,	
Spatially explicit predictions of blood parasites in a widely distributed African rainforest bird. 2011 , 278, 1025-33	;
AUTOMATION OF GENERALIZED ADDITIVE NEURAL NETWORKS FOR PREDICTIVE DATA MINING. 2011, 25, 380-425	
990 Multiple-resolution classification with combination of density estimators. 2011 , 23, 219-237 2	
989 Genomic Selection in Plant Breeding: A Comparison of Models. 2012 , 52, 146-160 40)2
Environmental and fisheries effects on Gracilechinus acutus (Echinodermata: Echinoidea) distribution: is it a suitable bioindicator of trawling disturbance?. 2012 , 69, 1457-1465	
Comparative Study of Support Vector Machines and Neural Networks Used in Pattern Recognition. 2012 , 562-564, 2026-2029	

986	The artiïdial neural network based prediction of friction properties of Al2O3-TiO2 coatings. 2012 , 64, 288-293	4
985	Machine Vision-Aided Quality Decision System for Solder Joint Defect Evaluation. 2012 , 268-270, 1393-1397	
984	Automatic on-device filtering of social networking feeds. 2012,	1
983	Real AdaBoost with gate controlled fusion. 2012 , 23, 2003-9	8
982	Principal Cluster Axes: A Projection Pursuit Index for the Preservation of Cluster Structures in the Presence of Data Reduction. 2012 , 47, 463-92	7
981	Coalescent-based DNA barcoding: multilocus analysis and robustness. 2012 , 19, 271-8	7
980	Novel hybrid compact genetic algorithm for simultaneous structure and parameter learning of neural networks. 2012 ,	2
979	Forensically Classifying Files Using HSOM Algorithms. 2012 ,	Ο
978	L2-loss twin support vector machine for classification. 2012 ,	2
977	Forecasting issues for managing a portfolio of electric vehicles under a smart grid paradigm. 2012,	7
976	Statistical Significance of the Netflix Challenge. 2012 , 27,	38
975	Semi-Supervised Ligand Finding Using Formal Concept Analysis. 2012 , 5, 114-123	
974	Projection Pursuit Regression. 2012 , 471-496	2
973	Relationship between Traffic Density, Speed, and Safety and Its Implications for Setting Variable Speed Limits on Freeways. 2012 , 2280, 1-9	17
972	Relationship between Freeway Flow Parameters and Safety and Its Implications for Hard Shoulder Running. 2012 , 2280, 10-17	12
971	Prognostic Factor Studies. 2012 , 415-470	3
970	Gene selection using iterative feature elimination random forests for survival outcomes. 2012 , 9, 1422-31	41
969	A hierarchical semiparametric model for incorporating intergene information for analysis of genomic data. 2012 , 68, 1168-77	1

Frequentist Inference. 2012, 27-83 968 7 Bayesian Inference. 2012, 85-151 967 Hypothesis Testing and Variable Selection. 2012, 153-191 966 Accounting for Social, Spatial, and Textual Interconnections. 2012, 483-765 965 Challenges and opportunities in genome-wide environmental interaction (GWEI) studies. 2012, 131, 1591-613 107 964 A rough margin-based Ewin support vector machine. 2012, 21, 1307-1317 963 49 962 Multivariate rule-based seismicity map of Iran: a data-driven model. 2012, 10, 1667-1683 13 Using artificial intelligence to predict surface roughness in deep drilling of steel components. 2012, 961 36 23, 1893-1902 Hopf-zero bifurcation in a generalized Gopalsamy neural network model. 2012, 70, 1037-1050 960 14 Optimal power flow: a bibliographic survey II. 2012, 3, 259-289 959 179 Visual tracking of the millennium development goals with a fuzzified self-organizing neural 958 17 network. 2012, 3, 233-245 The Prediction of Undersaturated Crude Oil Viscosity: An Artificial Neural Network and Fuzzy 957 Model Approach. 2012, 30, 2008-2021 956 . 2012, 8 Nearest neighbor-based importance weighting. 2012, 955 13 Multicentre study design in survival analysis. 2012, 954 Reasoning with robot execution failures in noisy environments. 2012, 953 Aircraft fault diagnosis and decision system based on improved artificial neural networks. 2012, 952 4 Simultaneously acquired airborne laser scanning and multispectral imagery for individual tree 951 51 species identification. **2012**, 38, 125-138

950	Enhancing the classification accuracy of Steady-State Visual Evoked Potential-based Brain-Computer Interface using Component Synchrony Measure. 2012 ,	3
949	Filtering spam e-mail with Generalized Additive Neural Networks. 2012,	4
948	Stimulus specificity of a steady-state visual-evoked potential-based brain-computer interface. 2012 , 9, 036008	55
947	Cross-scale predictions allow the identification of local conservation priorities from atlas data. 2012 , 15, 378-387	11
946	Climatic niche shifts are rare among terrestrial plant invaders. 2012 , 335, 1344-8	516
945	Discriminant analysis. 2012 , 4, 421-431	7
944	Linear Models. 2012 , 195-252	
943	General Regression Models. 2012 , 253-303	
942	Binary Data Models. 2012 , 305-350	O
941	Linear Models. 2012 , 353-423	
940	General Regression Models. 2012 , 425-500	
939	Preliminaries for Nonparametric Regression. 2012 , 503-545	
938	Spline and Kernel Methods. 2012 , 547-595	
937	Nonparametric Regression with Multiple Predictors. 2012 , 597-645	1
936	Differentiation of Matrix Expressions. 2012 , 649-651	
935	Matrix Results. 2012 , 653-654	
934	Some Linear Algebra. 2012 , 655-655	
933	Probability Distributions and Generating Functions. 2012 , 657-665	

References. 2012, 728-744

915

Functions of Normal Random Variables. 2012, 667-667 932 Some Results from Classical Statistics. 2012, 669-671 931 Basic Large Sample Theory. 2012, 673-674 930 Introduction and Motivating Examples. 2012, 1-24 929 Classification of materials in natural scenes using multi-spectral images. 2012, 928 9 Mixed-Effects Models. 2012, 257-301 927 Neural Networks for Time-Series Forecasting. 2012, 461-477 926 24 Damage-Sensitive Features. 2012, 161-243 925 References and Further Reading. 2012, 971-975 924 The influence of land-use composition on fecal contamination of riverine source water in southern 923 13 British Columbia. 2012, 48, Machine-Learning Techniques. 2012, 363-454 922 Classification of Rhizoma et Radix Notoperygii by HPLC Fingerprints with the Aid of Chemometrics. 921 **2012**, 45, 1810-1823 Relationship between Freeway Flow Parameters and Safety and Its Implication for Adding Lanes. 920 11 2012, 2279, 118-123 Concepts and Categorization We are grateful to Alice Healy, Robert Proctor, Brian Rogosky, and Irving Weiner for helpful comments on earlier drafts of this chapter. This research was funded by 919 National Science Foundation REESE grant DRL-0910218, and Department of Education IES grant Combination of M-Estimators and Neural Network Model to Analyze Inside/Outside Bark Tree 918 Diameters. 2012, 11-18 A decomposition-based approach to flexible flow shop scheduling under machine breakdown. 2012 917 33 , 50, 215-234 Neural Network Classification and Prior Class Probabilities. 2012, 295-309 916 11

914	Automated drill-stop by SVM classified audible signals. 2012 , 2012, 956-9	8
913	Classification Images. 2012 , 167-194	
912	A Simple Trick for Estimating the Weight Decay Parameter. 2012 , 69-89	1
911	Avoiding Roundoff Error in Backpropagating Derivatives. 2012 , 225-230	
910	An Enduring Interest in Classification: Supervised and Unsupervised. 2012, 147-171	
909	Model averaging strategies for structure learning in Bayesian networks with limited data. 2012 , 13 Suppl 13, S10	5
908	Arsenic, Copper, and Zinc Leaching through Preferential Flow in Mining-Impacted Soils. 2012, 76, 449-462	13
907	Estimation of soil parameters over bare agriculture areas from C-band polarimetric SAR data using neural networks. 2012 , 16, 1607-1621	67
906	Dynamic versus static neural network model for rainfall forecasting at Klang River Basin, Malaysia. 2012 , 16, 1151-1169	43
905	Online linear and quadratic discriminant analysis with adaptive forgetting for streaming classification. 2012 , 5, 139-166	19
904	Local sparse bump hunting reveals molecular heterogeneity of colon tumors. 2012, 31, 1203-20	4
903	Effect of data discretization on the classification accuracy in a high-dimensional framework. 2012 , 27, 355-374	1
902	Boosting Algorithms: A Review of Methods, Theory, and Applications. 2012, 35-85	44
901	T-optimality and neural networks: a comparison of approaches for building experimental designs. 2012 , 29, n/a-n/a	O
900	Timedomain non-linear feature parameter for consonant classification. 2012 , 15, 227-239	5
899	Use of collaboration techniques and classification algorithms in personal healthcare. 2012 , 2, 43-55	1
898	Nonparametric neural network modeling of hedonic prices in the housing market. 2012 , 42, 987-1009	17
897	Regularized versus non-regularized neural network model for prediction of saturated soil-water content on weathered granite soil formation. 2012 , 21, 543-553	10

(2013-2012)

896	Improving automatic robotic welding in shipbuilding through the introduction of a corner-finding algorithm to help recognise shipbuilding parts. 2012 , 17, 231-238	15
895	Dendrogeomorphic reconstruction of past landslide reactivation with seasonal precision: the Bois Noir landslide, southeast French Alps. 2012 , 9, 189-203	68
894	Fuzzy lattice classifier and its application to bearing fault diagnosis. 2012 , 12, 1708-1719	23
893	Integrating stress-related ventricular functional and angiographic data in preventive cardiology: a unified approach implementing a Bayesian network. 2012 , 18, 637-43	8
892	Estimation of demo-genetic model probabilities with Approximate Bayesian Computation using linear discriminant analysis on summary statistics. 2012 , 12, 846-55	69
891	Mapping the spatial distribution of botanical composition and herbage mass in pastures using hyperspectral imaging. 2012 , 58, 1-7	15
890	Improved estimation of the noncentrality parameter distribution from a large number of t-statistics, with applications to false discovery rate estimation in microarray data analysis. 2012 , 68, 1178-87	3
889	A probabilistic approach for semi-supervised nearest neighbor classification. 2012 , 33, 1127-1133	4
888	Data Mining Techniques for Software Effort Estimation: A Comparative Study. 2012 , 38, 375-397	122
887	Geometric algorithms to large margin classifier based on affine hulls. 2012 , 23, 236-46	13
887	Geometric algorithms to large margin classifier based on affine hulls. 2012 , 23, 236-46 Invasive species distribution models [how violating the equilibrium assumption can create new insights. 2012 , 21, 1126-1136	207
	Invasive species distribution models [how violating the equilibrium assumption can create new	
886	Invasive species distribution models (how violating the equilibrium assumption can create new insights. 2012 , 21, 1126-1136	207
886	Invasive species distribution models (how violating the equilibrium assumption can create new insights. 2012 , 21, 1126-1136 Segmentation and detection of fluorescent 3D spots. 2012 , 81, 198-212 On two different objective procedures for classifying synoptic weather types over east Australia.	207
886 885 884	Invasive species distribution models (how violating the equilibrium assumption can create new insights. 2012, 21, 1126-1136 Segmentation and detection of fluorescent 3D spots. 2012, 81, 198-212 On two different objective procedures for classifying synoptic weather types over east Australia. 2012, 32, 1475-1494	207 16 16
886 885 884	Invasive species distribution models [how violating the equilibrium assumption can create new insights. 2012, 21, 1126-1136 Segmentation and detection of fluorescent 3D spots. 2012, 81, 198-212 On two different objective procedures for classifying synoptic weather types over east Australia. 2012, 32, 1475-1494 Data mining from a patient safety database: the lessons learned. 2012, 24, 195-217 Electronic-nose for detecting environmental pollutants: signal processing and analog front-end	207 16 16
886 885 884 883	Invasive species distribution models (how violating the equilibrium assumption can create new insights. 2012, 21, 1126-1136 Segmentation and detection of fluorescent 3D spots. 2012, 81, 198-212 On two different objective procedures for classifying synoptic weather types over east Australia. 2012, 32, 1475-1494 Data mining from a patient safety database: the lessons learned. 2012, 24, 195-217 Electronic-nose for detecting environmental pollutants: signal processing and analog front-end design. 2012, 70, 15-32	207 16 16 4

878	Reducing errors of wind speed forecasts by an optimal combination of post-processing methods. 2013 , 20, 32-40	41
877	Reservoir permeability prediction by neural networks combined with hybrid genetic algorithm and particle swarm optimization. 2013 , 61, 582-598	150
876	Terrestrial Metals Bioavailability: A Comprehensive Review and Literature-Derived Decision Rule for Ecological Risk Assessment. 2013 , 19, 1488-1513	6
875	Search for the standard model Higgs boson produced in association with a top-quark pair in pp collisions at the LHC. 2013 , 2013, 1	35
874	Distributions of numbers of runs and scans on directed acyclic graphs with generation. 2013 , 28, 1133-1150	1
873	Ensemble Gaussian mixture models for probability density estimation. 2013 , 28, 127-138	16
872	Forecasting Nevada gross gaming revenue and taxable sales using coincident and leading employment indexes. 2013 , 44, 387-417	2
871	Nearest Neighbor Methods Based in part on the article Nearest neighbor methods by Philip M. Dixon, which appeared in the Encyclopedia of Environmetrics 2013 ,	2
870	References. 2013 , 423-455	
869	A Twin Multi-Class Classification Support Vector Machine. 2013 , 5, 580-588	75
869	A Twin Multi-Class Classification Support Vector Machine. 2013, 5, 580-588 Early onset binge eating and purging eating disorders: course and outcome in a population-based study of adolescents. 2013, 41, 1083-96	75 49
	Early onset binge eating and purging eating disorders: course and outcome in a population-based	
868	Early onset binge eating and purging eating disorders: course and outcome in a population-based study of adolescents. 2013 , 41, 1083-96 Prediction of Zn concentration in human seminal plasma of Normospermia samples by Artificial	49
868	Early onset binge eating and purging eating disorders: course and outcome in a population-based study of adolescents. 2013 , 41, 1083-96 Prediction of Zn concentration in human seminal plasma of Normospermia samples by Artificial Neural Networks (ANN). 2013 , 30, 453-9	49
868 867 866	Early onset binge eating and purging eating disorders: course and outcome in a population-based study of adolescents. 2013, 41, 1083-96 Prediction of Zn concentration in human seminal plasma of Normospermia samples by Artificial Neural Networks (ANN). 2013, 30, 453-9 Modelling and visualizing fine-scale linkage disequilibrium structure. 2013, 14, 179 Random generalized linear model: a highly accurate and interpretable ensemble predictor. 2013,	49 9 3
868 867 866	Early onset binge eating and purging eating disorders: course and outcome in a population-based study of adolescents. 2013, 41, 1083-96 Prediction of Zn concentration in human seminal plasma of Normospermia samples by Artificial Neural Networks (ANN). 2013, 30, 453-9 Modelling and visualizing fine-scale linkage disequilibrium structure. 2013, 14, 179 Random generalized linear model: a highly accurate and interpretable ensemble predictor. 2013, 14, 5	499360
868 867 866 865	Early onset binge eating and purging eating disorders: course and outcome in a population-based study of adolescents. 2013, 41, 1083-96 Prediction of Zn concentration in human seminal plasma of Normospermia samples by Artificial Neural Networks (ANN). 2013, 30, 453-9 Modelling and visualizing fine-scale linkage disequilibrium structure. 2013, 14, 179 Random generalized linear model: a highly accurate and interpretable ensemble predictor. 2013, 14, 5 Customized products recommendation based on probabilistic relevance model. 2013, 24, 951-960 Hermitian Polynomial for Speaker Adaptation of Connectionist Speech Recognition Systems. 2013,	49 9 3 60 18

860	Probabilistic neural network for breast cancer classification. 2013 , 23, 1737-1751	64
859	A rough margin-based one class support vector machine. 2013 , 22, 1077-1084	10
858	Simulated annealing technique for fast learning of SOM networks. 2013, 22, 889-899	9
857	Measurement of incompatible probability in information retrieval: A case study with user clicks. 2013 , 19, 37-42	1
856	Artificial Neural Networks: A Solution to the Ambiguity in Prediction of Engineering Properties of Fine-Grained Soils. 2013 , 31, 1187-1205	11
855	On the prediction of shear wave velocity at local site of strong ground motion stations: an application using artificial intelligence. 2013 , 11, 969-997	34
854	Climate change and river flooding: Part 2 sensitivity characterisation for british catchments and example vulnerability assessments. 2013 , 119, 949-964	42
853	Secure Bayesian model averaging for horizontally partitioned data. 2013 , 23, 311-322	7
852	Urban BTEX Spatiotemporal Exposure Assessment by Chemometric Expertise. 2013, 224, 1503	9
851	Experimental comparison of classification methods for key kinase identification for neurite elongation. 2013 , 2013, 3519-22	
850	A Descriptive Study of Credit Card Fraud Pattern. 2013 , 14, 373-384	7
849	Robust Diagnosis of Rolling Element Bearings Based on Classification Techniques. 2013 , 9, 2256-2263	55
848	Least squares twin parametric-margin support vector machine for classification. 2013, 39, 451-464	33
847	A novel strategy for classifying the output from an in silico vaccine discovery pipeline for eukaryotic pathogens using machine learning algorithms. 2013 , 14, 315	26
846	Effects of a Nanofluid and Magnetic Field on the Thermal Efficiency of a Two-Phase Closed Thermosyphon. 2013 , 42, 630-650	10
845	A Nonlinear Model for Predicting Interannual Changes in Calanus finmarchicus Abundance in the Gulf of Maine. 2013 , 18, 234-249	1
844	Soft computing for content generation: Trading market in a basketball management video game. 2013 ,	1
843	A learning process based on covariance matrix adaptation for morphological-linear perceptrons. 2013 ,	1

842	Real-time prediction of pore pressure gradient through an artificial intelligence approach: a case study from one of middle east oil fields. 2013 , 17, 675-686	15
841	Feature Ordering for Neural Incremental Attribute Learning Based on Fisher's Linear Discriminant. 2013 ,	2
840	A New Tree-Ring-Based, Semi-Quantitative Approach for the Determination of Snow Avalanche Events: use of Classification Trees for Validation. 2013 , 45, 383-395	21
839	Classifiers with a reject option for early time-series classification. 2013,	20
838	Feature combiners with gate-generated weights for classification. 2013 , 24, 158-63	8
837	Performance of a hierarchical temporal memory network in noisy sequence learning. 2013,	8
836	The urban ecology of Iron Age Tel Megiddo: using microvertebrate remains as ancient bio-indicators. 2013 , 40, 257-267	6
835	On the trail of Neolithic mice and men towards Transcaucasia: zooarchaeological clues from Nakhchivan (Azerbaijan). 2013 , 108, 917-928	30
834	Soft computing and GIS for landslide susceptibility assessment in Tawaghat area, Kumaon Himalaya, India. 2013 , 65, 315-330	43
833	Have I seen you before? Principles of Bayesian predictive classification revisited. 2013 , 23, 59-73	7
832	Let us know your decision: Pool-based active training of a generative classifier with the selection strategy 4DS. 2013 , 230, 106-131	25
831	Fracture density estimation from core and conventional well logs data using artificial neural networks: The Cambro-Ordovician reservoir of Mesdar oil field, Algeria. 2013 , 83, 55-73	49
830	An Information-Extraction Approach to Speech Processing: Analysis, Detection, Verification, and Recognition. 2013 , 101, 1089-1115	29
829	. 2013 , 28, 30-41	137
828	Improving species distribution models using biotic interactions: a case study of parasites, pollinators and plants. 2013 , 36, 649-656	95
827	Meta Net: A New Meta-Classifier Family. 2013 , 141-182	4
826	A Short Tour of the Predictive Modeling Process. 2013 , 19-26	9
825	Linear Regression and Its Cousins. 2013 , 101-139	1

(2013-2013)

824	Nonlinear Regression Models. 2013 , 141-171	4
823	Remedies for Severe Class Imbalance. 2013 , 419-443	11
822	An Introduction to Feature Selection. 2013 , 487-519	21
821	Factors That Can Affect Model Performance. 2013 , 521-546	3
820	Encoding through patterns: regression tree-based neuronal population models. 2013 , 25, 1953-93	9
819	The absence of fire can cause a lag phase: The invasion dynamics of Banksia ericifolia (Proteaceae). 2013 , 38, 931-941	21
818	Bibliography. 2013 , 281-291	
817	Hybrid Kalman Filters for Very Short-Term Load Forecasting and Prediction Interval Estimation. 2013 , 28, 3806-3817	89
816	Feature selection and machine learning with mass spectrometry data. 2013, 1007, 237-62	7
815	Multi-lead ahead prediction model of reference evapotranspiration utilizing ANN with ensemble procedure. 2013 , 27, 1423-1440	24
814	Risk stratification of cardiac autonomic neuropathy based on multi-lag Tone-Entropy. 2013 , 51, 537-46	17
813	Detection of supraventricular and ventricular ectopic beats using a single lead ECG. 2013 , 2013, 45-8	10
812	Density-preserving sampling: robust and efficient alternative to cross-validation for error estimation. 2013 , 24, 22-34	18
811	Predictions on compaction characteristics of fly ashes using regression analysis and artificial neural network analysis. 2013 , 7, 282-291	11
810	An Examination of Tourist Arrivals Dynamics Using Short-Term Time Series Data: A SpaceTime Cluster Approach. 2013 , 19, 761-777	4
809	Technical note: An R package for fitting Bayesian regularized neural networks with applications in animal breeding. 2013 , 91, 3522-31	30
808	A MULTIVARIATE TIME SERIES CLASSIFICATION METHOD FOR STREAMING DATA USING TEMPORAL METAFEATURE ABSTRACTIONS. 2013 , 07, 173-183	2
807	PHOTOMETRIC REDSHIFTS FOR QUASARS IN MULTI-BAND SURVEYS. 2013 , 772, 140	65

806	Estimating Risk Management in Software Engineering Projects. 2013 , 85-98	1
805	Automatic detection and imaging of diffraction points using pattern recognition. 2013, 61, 368-379	44
804	Error analysis of coefficient-based regularized algorithm for density-level detection. 2013, 25, 1107-21	19
803	A Spectral Clustering Approach Based on Newton's Equations of Motion. 2013 , 28, 394-410	4
802	Neural Networks forecasting architectures for rainfall in the rain-fed Sectors in Sudan. 2013,	0
801	Detecting field cancerization using a hyperspectral imaging system. 2013 , 45, 410-7	23
800	Semi-supervised logistic discrimination via labeled data and unlabeled data from different sampling distributions. 2013 , 6, 472-481	2
799	Breaking the curse of dimensionality in quadratic discriminant analysis models with a novel variant of a Bayes classifier enhances automated taxa identification of freshwater macroinvertebrates. 2013 , 24, 248-259	5
798	Multi-scale Tone Entropy in differentiating physiologic and synthetic RR time series. 2013, 2013, 6135-8	
797	Broad-Scale Patterns of Brook Trout Responses to Introduced Brown Trout in New York. 2013 , 33, 1221-1235	18
796	A Trend Tracking Strategy for Gold Future: An Artificial Neutral Network Analysis. 2013,	
795	An Optimal Operation Strategy of Injection Pressures in Solvent-aided Thermal Recovery for Viscous Oil in Sedimentary Reservoirs. 2013 , 31, 2378-2387	11
794	Bering Glacier and Bagley Ice Valley surge 2011: crevasse classification as an approach to map deformation stages and surge progression. 2013 , 54, 279-286	7
793	A unified approach to infrared aerosol remote sensing and type specification. 2013 , 13, 2195-2221	92
792	Airport Pavement Missing Data Management and Imputation with Stochastic Multiple Imputation Model. 2013 , 2336, 43-54	10
791	Model Selection in Linear Mixed Models. 2013 , 28,	140
790	Tourism Demand Forecasting with Different Neural Networks Models. 2013,	1
789	A neural network model to translate brain developmental events across mammalian species. 2013 , 8, e53225	1

(2020-2013)

788	Fit-for-purpose: species distribution model performance depends on evaluation criteria - Dutch Hoverflies as a case study. 2013 , 8, e63708		146
787	The fate of threatened coastal dune habitats in Italy under climate change scenarios. 2013, 8, e68850		32
786	Identification of candidate serum proteins for classifying well-differentiated small intestinal neuroendocrine tumors. 2013 , 8, e81712		11
7 ⁸ 5	Effective classification and gene expression profiling for the Facioscapulohumeral Muscular Dystrophy. 2013 , 8, e82071		4
784	Forecasting Business Surveys Indicators: Neural Networks vs. Time Series Models. 2013,		О
783	Estimation Methods of Presumed Income. 2013 , 235-241		
782	Artificial Intelligence. 2014 ,		1
781	Low-cost analytic method for the identification of Cinnamon adulteration. 2020 , 159, 105513		7
780	Optimization of a Process for the Enzymatic Extraction of Nutrient Enriched Bael Fruit Juice Using Artificial Neural Network (ANN) and Response Surface Methodology (RSM). 2020 , 20, S1845-S1861		5
779	Diagnosis of COVID-19 in CT image using CNN and XGBoost. 2020 ,		4
778	Monocular Depth Prediction With Residual DenseASPP Network. 2020 , 8, 129899-129910		1
777	The globally invasive small Indian mongoose Urva auropunctata is likely to spread with climate change. 2020 , 10, 7461		10
776	AdaBoost Semiparametric Model Averaging Prediction for Multiple Categories. 2020, 1-15		6
775	Quantitative Microbial Risk Assessment Based on Whole Genome Sequencing Data: Case of. 2020 , 8,		3
774	Functionally weighted neural networks: frugal models with high accuracy. 2020 , 2, 1		
773	Widespread and major losses in multiple ecosystem services as a result of agricultural expansion in the Argentine Chaco. 2020 , 57, 2485-2498		16
772	Information criteria in classification: new divergence-based classifiers. <i>Journal of Statistical Computation and Simulation</i> , 2020 , 90, 3200-3217	.9	1
771	Construction and optimization of gene expression signatures for prediction of survival in two-arm clinical trials. 2020 , 21, 333		

770	Soft computing approaches for comparative prediction of the mechanical properties of jute fiber reinforced concrete. 2020 , 149, 102887	20
769	Artificial intelligence for clinical decision support in neurology. 2020 , 2, fcaa096	14
768	Hybrid Gray-Scale and Fuzzy Morphological/Linear Perceptrons Trained By Extreme Learning Machine. 2020 ,	
767	Predicting Compliance with Speed Limits using Speed Limit Credibility Perception and Risk Perception Data. 2020 , 2674, 450-461	1
766	Enhanced mapping of a smallholder crop farming landscape through image fusion and model stacking. 2020 , 41, 8739-8756	6
765	An empirical classification procedure for nonparametric mixture models. 2020 , 49, 924-952	2
764	Predicting hospitalization following psychiatric crisis care using machine learning. 2020, 20, 332	1
763	On the Effectiveness of Discretizing Quantitative Attributes in Linear Classifiers. 2020 , 8, 198856-198871	3
762	Predicting Benzene Concentration Using Machine Learning and Time Series Algorithms. 2020 , 8, 2205	3
761	Lake Phenology of Freeze-Thaw Cycles Using Random Forest: A Case Study of Qinghai Lake. 2020 , 12, 4098	3
760	Convolutional neural networks for classification of Alzheimer's disease: Overview and reproducible evaluation. 2020 , 63, 101694	124
759	Combining Supervised and Unsupervised Machine Learning Methods for Phenotypic Functional Genomics Screening. 2020 , 25, 655-664	4
758	Disentangling the effects of geographic peripherality and habitat suitability on neutral and adaptive genetic variation in Swiss stone pine. 2020 , 29, 1972-1989	10
757	Landslide susceptibility evaluation and hazard zonation techniques 🗈 review. 2020, 7,	33
756	Identification of Potential PBT/POP-Like Chemicals by a Deep Learning Approach Based on 2D Structural Features. 2020 , 54, 8221-8231	9
755	Interaction among morphological, trophic and genetic groups in the rapidly radiating Salvelinus fishes from Lake Kronotskoe. 2020 , 34, 611-632	10
754	AxoNet: A deep learning-based tool to count retinal ganglion cell axons. 2020 , 10, 8034	14
753	Ramp loss for twin multi-class support vector classification. 2020 , 51, 1448-1463	4

(2020-2020)

752	graph reduction. 2020 , 11, 2489-2499	4
75 ¹	Prediction of load-displacement curve in a complex structure using artificial neural networks: A study on a long bone. 2020 , 154, 103319	22
750	Hybrid Modeling and Intensified DoE: An Approach to Accelerate Upstream Process Characterization. 2020 , 15, e2000121	16
749	Artificial neural network-based models for predicting the sound absorption coefficient of electrospun poly(vinyl pyrrolidone)/silica composite. 2020 , 169, 107472	24
748	Airfoils Generation Using Neural Networks, CST Curves and Aerodynamic Coefficients. 2020,	
747	Deep learning a boon for biophotonics?. 2020 , 13, e201960186	30
746	Exploring Artificial Neural Network to Evaluate the Undrained Shear Strength of Soil from Cone Penetration Test Data. 2020 , 2674, 11-22	6
745	Visually guided classification trees for analyzing chronic patients. 2020 , 21, 92	3
744	High-Throughput Screening to Predict Chemical-Assay Interference. 2020 , 10, 3986	14
743	Logistic regression has similar performance to optimised machine learning algorithms in a clinical setting: application to the discrimination between type 1 and type 2 diabetes in young adults. 2020 , 4, 6	25
742	Modelling sound absorption properties of broom fibers using artificial neural networks. 2020 , 163, 107239	32
741	Comparison of Modeling Methods for DoE-Based Holistic Upstream Process Characterization. 2020 , 15, e1900551	21
740	Maize yield in smallholder agriculture system-An approach integrating socio-economic and crop management factors. 2020 , 15, e0229100	15
739	Consistency of plug-in confidence sets for classification in semi-supervised learning. 2020 , 32, 42-72	1
738	The building blocks of a brain-inspired computer. 2020 , 7, 011305	59
737	Sampling and resolution characteristics in reduced order models of shallow water equations: Intrusive vs nonintrusive. 2020 , 92, 992-1036	8
736	What are the most crucial soil variables for predicting the distribution of mountain plant species? A comprehensive study in the Swiss Alps. 2020 , 47, 1143-1153	13
735	Landsat based distribution mapping of high-altitude peatlands in Hindu Kush Himalayas 🗈 case study of Broghil Valley, Pakistan. 2020 , 17, 42-49	

734	Application of neural networks to model changes in fish community biomass in relation to pressure indicators and comparison with a linear approach. 2020 , 77, 963-977	
733	Parsimonious Minimal Learning Machine via Multiresponse Sparse Regression. 2020 , 30, 2050023	3
732	Unraveling the habitat preferences of two closely related bumble bee species in Eastern Europe. <i>Ecology and Evolution</i> , 2020 , 10, 4773-4790	3
73 ¹	Start-ups survival through a crisis. Combining machine learning with econometrics to measure innovation. 2021 , 30, 468-493	6
730	Super ensemble learning for daily streamflow forecasting: large-scale demonstration and comparison with multiple machine learning algorithms. 2021 , 33, 3053-3068	22
729	Supervisor support, control over work methods and employee well-being: new insights into nonlinearity from artificial neural networks. 2021 , 32, 1620-1642	6
728	. 2021 , 68, 7516-7525	5
727	Twin-parametric margin support vector machine with truncated pinball loss. 2021 , 33, 3781-3798	7
726	An enhanced method for the identification of ferritic morphologies in welded fusion zones based on gray-level co-occurrence matrix: A computational intelligence approach. 2021 , 235, 1228-1240	3
725	Recent evolutions of machine learning applications in clinical laboratory medicine. 2021 , 58, 131-152	9
724	Cheminformatics Analysis of Fluoroquinolones and their Inhibition Potency Against Four Pathogens. 2021 , 40, e2000215	
723	Diagnosis of ENSO-related precipitation changes during the twentieth and twenty-first centuries using reanalyses and two multi-model clusters. 2021 , 56, 727-748	O
722	A Meta-Model-Based Procedure for Quantifying the On-Site Efficiency of Rockfall Barriers. 2021 , 54, 487-500	2
721	Learnable Subspace Clustering. 2020 , PP,	3
720	Neural network-based modelling of wind/solar farm siting: a case study of East-Azerbaijan. 2021 , 40, 616-637	0
719	Fat and Fatter: Monthly Crash Risk and Investor Trading.	
718	Importance of Variables in Gearbox Diagnostics Using Random Forests and Ensemble Credits. 2021 , 3-13	
717	Object Detection from the Seabed Imaging Data Using Soft Computing Techniques. 2021 , 1-11	

716 Encyclopedia of Quality of Life and Well-Being Research. **2021**, 1-5

715	Skull Shape and Size Diversification in the Genus Ctenomys (Rodentia: Ctenomyidae). 2021 , 113-140	O
714	Predictive asset availability optimization for underground trucks and loaders in the mining industry. 2021 , 58, 751-772	2
713	Agreement-Broker: Performance Analysis Using KNN, SVM, and ANN Classifiers. 2021 , 868-879	
712	A Generalized Multiple Criteria Data-Fitting Model With Sparsity and Entropy With Application to Growth Forecasting. 2021 , 1-12	O
711	Development of a Gamma-Ray Radionuclide Library for the Identification of Gamma Spectra. 2021 , 207, 1270-1279	
710	Investigating niches and distribution of a rare species in a hierarchical framework: Virginia Warbler (Leiothlypis virginiae) at its northeastern range limit. 2021 , 36, 1039-1054	2
709	Use of novel 3D seismic technology and machine learning for pothole detection, characterization, and classification laces study in the Bushveld Complex (South Africa). 2021 , 40, 106-113	1
708	MGA: Momentum Gradient Attack on Network. 2021 , 8, 99-109	2
707	Selecting the model for multiple imputation of missing data: Just use an IC!. 2021 , 40, 2467-2497	4
706	Tree-structured scale effects in binary and ordinal regression. 2021, 31, 1	О
705	Analysis and modeling of environmental prevalence in Minnesota using soil collected to compare basal and outbreak levels. 2020 ,	1
704	Redevelopment of Artificial Neural Networks for Predicting the Response of Bonded Concrete Overlays of Asphalt for use in a Faulting Prediction Model. 036119812110010	2
703	XGBoost Optimized by Adaptive Particle Swarm Optimization for Credit Scoring. 2021 , 2021, 1-18	11
702	Generalized Twin Support Vector Machines. 2021 , 53, 1545-1564	8
701	Deep learning-based chest X-ray age serves as a novel biomarker for cardiovascular aging.	2
700	A Gibbs sampler for learning DAG: a unification for discrete and Gaussian domains. <i>Journal of Statistical Computation and Simulation</i> , 2021 , 91, 2833-2853	0.9
699	An application of a feed-forward neural network model for wind speed predictions. 1-18	1

698	Community phylogeographic patterns reveal how a barrier filters and structures taxa in North American warm deserts. 2021 , 48, 1267-1283	4
697	Simulating potential impacts of climate changes on distribution pattern and carbon storage function of high-latitude wetland plant communities in the Xing'anling Mountains, China. 2021 , 32, 2704-2714	. 3
696	Systematic review of research design and reporting of imaging studies applying convolutional neural networks for radiological cancer diagnosis. 2021 , 31, 7969-7983	7
695	Adjusting for population differences using machine learning methods. 2021 , 70, 750-769	
694	Identifying geographically differentiated features of Ethopian Nile tilapia (Oreochromis niloticus) morphology with machine learning. 2021 , 16, e0249593	2
693	Analysis of Hybrid Model Error of Short-Term Forecast of Energy Consumption in Moscow. 2021 ,	О
692	Study on Prediction of Compression Performance of Composite Laminates After Impact Based on Convolutional Neural Networks. 2021 , 28, 1153-1173	2
691	Prediction of Flow Resistance in an Open Channel over Movable Beds Using Artificial Neural Network. 2021 , 26, 04021015	1
690	Ordering Artificial Intelligence Based Recommendations to Tackle the SDGs with a Decision-Making Model Based on Surveys. <i>Sustainability</i> , 2021 , 13, 6038	5
689	Improved artificial neural networks for predicting the response of unbonded concrete overlays in a faulting prediction model. 1-9	О
688	Trends in Catastrophic Occupational Incidents among Electrical Contractors, 2007-2013. 2021 , 18,	О
687	A systematic review of spatial habitat associations and modeling of marine fish distribution: A guide to predictors, methods, and knowledge gaps. 2021 , 16, e0251818	О
686	Historic range dynamics in Kaiser's mountain newt (): Insights from phylogeographic analyses and species distribution modeling. <i>Ecology and Evolution</i> , 2021 , 11, 7622-7633	5
685	A COVID-19 Pandemic Artificial Intelligence-Based System With Deep Learning Forecasting and Automatic Statistical Data Acquisition: Development and Implementation Study. 2021 , 23, e27806	10
684	Investigating phenotypes of pulmonary COVID-19 recovery 🗈 longitudinal observational prospective multicenter trial.	2
683	Aggregate Selection, Individual Selection, and Cluster Selection: An Empirical Evaluation and Implications for Systems Research. 2021 , 52, 553-578	1
682	Distribution and Habitat Preferences of Indo-Pacific Bottlenose Dolphins (Tursiops aduncus) Inhabiting Coastal Waters With Mixed Levels of Protection. 2021 , 8,	О
681	A new approach for estimating and delineating within-field crop water stress zones with satellite imagery. 2021 , 42, 6003-6022	1

680	Modeling the teacher job satisfaction by artificial neural networks. 2021 , 25, 11803-11815	4
679	An ensemble-based predictive mutation testing approach that considers impact of unreached mutants. e1784	
678	Photometric Redshifts With Machine Learning, Lights and Shadows on a Complex Data Science Use Case. 2021 , 8,	2
677	Climate Change Can Drive a Significant Loss of Suitable Habitat for Polylepis quadrijuga, a Treeline Species in the Sky Islands of the Northern Andes. 2021 , 9,	Ο
676	Environmental key performance indicators: the role of regulations and stakeholder influence. 2021 , 41, 1-16	О
675	A Comparative Ranking Model among Mexican Universities Using Pattern Recognition. 2021, 9, 1615	
674	Morphological identification in skull between spotted seal and harbor seal using geometric morphometrics. 2021 , 282, 1455-1465	О
673	Predicting Spatial Patterns of Sindbis Virus (SINV) Infection Risk in Finland Using Vector, Host and Environmental Data. 2021 , 18,	3
672	Traveler Biosecurity Behavior during the COVID-19 Pandemic: Effects of Intervention, Resilience, and Sustainable Development Goals. 004728752110345	6
671	Modeling regional innovation in Egyptian governorates: Regional knowledge production function approach.	1
670	Estimating Residual Value of Heavy Construction Equipment Using Ensemble Learning. 2021, 147,	О
669	Discriminant Analysis with Biomedical Examples. 1-42	
668	A novel machine learning-based approach for the computational functional assessment of pharmacogenomic variants. 2021 , 15, 51	1
667	Network Classification with Missing Information. 2022 , 166-183	
666	A comprehensive comparative analysis of deep learning tools for modeling failures in smart water taps.	1
665	Data mining in clinical big data: the frequently used databases, steps, and methodological models. 2021 , 8, 44	32
664	Predicting range shifts of Ball. under future climate change. <i>Ecology and Evolution</i> , 2021 , 11, 12779-127 89 8	4
663	Feature Selection and Feature Stability Measurement Method for High-Dimensional Small Sample Data Based on Big Data Technology. <i>Computational Intelligence and Neuroscience</i> , 2021 , 2021, 3597051 ³	O

662	Revisiting performance metrics for prediction with rare outcomes. 2021 , 30, 2352-2366	0
661	MPC of Input-Output Benchmark Wiener Processes. 2022 , 143-213	
660	Sex estimation from the greater sciatic notch: a comparison of classical statistical models and machine learning algorithms. 2021 , 135, 2603-2613	1
659	Is Phylogeographic Congruence Predicted by Historical Habitat Stability, or Ecological Co-associations?. 2021 , 5,	1
658	Information-based summary statistics for spatial genetic structure inference.	
657	Breaking Down the Computational Barriers to Real-Time Urban Flood Forecasting. e2021GL093585	6
656	A comparison of two dissimilarity functions for mixed-type predictor variables in the (delta)-machine. 1	
655	The leaf beetle Labidostomis lusitanica (Coleoptera: Chrysomelidae) as an Iberian pistachio pest: projecting risky areas. 2022 , 78, 217-229	1
654	Evaluating Wireless Network Accessibility Performance via Clustering-Based Model. 2021, 687-699	
653	Concepts and Categorization. 597	15
653 652	Concepts and Categorization. 597 Comparison of artificial neural networks with other statistical approaches. 2001 , 91, 1636-1642	131
652	Comparison of artificial neural networks with other statistical approaches. 2001 , 91, 1636-1642	131
652 651	Comparison of artificial neural networks with other statistical approaches. 2001 , 91, 1636-1642 Principal Component Analysis. 209-225	131
652 651 650	Comparison of artificial neural networks with other statistical approaches. 2001, 91, 1636-1642 Principal Component Analysis. 209-225 Cluster Analysis: Unsupervised Classification. 249-261 The status and distribution of a newly identified endemic galaxiid in the eastern Cape Fold	131 1 5
652 651 650 649	Comparison of artificial neural networks with other statistical approaches. 2001, 91, 1636-1642 Principal Component Analysis. 209-225 Cluster Analysis: Unsupervised Classification. 249-261 The status and distribution of a newly identified endemic galaxiid in the eastern Cape Fold Ecoregion, of South Africa. Aquatic Conservation: Marine and Freshwater Ecosystems, 2018, 28, 55-67	131 1 5
652 651 650 649 648	Comparison of artificial neural networks with other statistical approaches. 2001, 91, 1636-1642 Principal Component Analysis. 209-225 Cluster Analysis: Unsupervised Classification. 249-261 The status and distribution of a newly identified endemic galaxiid in the eastern Cape Fold Ecoregion, of South Africa. Aquatic Conservation: Marine and Freshwater Ecosystems, 2018, 28, 55-67 Matching with Shape Contexts. 2006, 81-105	131 1 5 5 34

(2001-2005)

644	Determining Regularization Parameters for Derivative Free Neural Learning. 2005, 71-79	3
643	A Hybrid Classifier for Mass Classification with Different Kinds of Features in Mammography. 2005 , 316-319	6
642	Movement Analysis of Medaka (Oryzias Latipes) for an Insecticide Using Decision Tree. 2005 , 150-162	1
641	Bias Management of Bayesian Network Classifiers. 2005, 70-83	4
640	Feature Extraction and XML Representation of Plant Leaf for Image Retrieval. 2006, 127-131	4
639	Boosting Ensemble of Relational Neuro-fuzzy Systems. 2006 , 306-313	33
638	Redundant Data Processing Based on Rough-Fuzzy Approach. 2006 , 156-161	5
637	Deconvolutive Clustering of Markov States. 2006 , 246-257	3
636	Missing Data in Kernel PCA. 2006 , 751-758	7
635	Do Smart Adaptive Systems Exist? Introduction. 2005 , 1-17	1
635	Do Smart Adaptive Systems Exist? Introduction. 2005, 1-17 Open Issues in Pattern Recognition. 2005, 27-42	1 12
634	Open Issues in Pattern Recognition. 2005, 27-42 A Comparative Study of Some Issues Concerning Algorithm Recommendation Using Ranking	12
634	Open Issues in Pattern Recognition. 2005, 27-42 A Comparative Study of Some Issues Concerning Algorithm Recommendation Using Ranking Methods. 2002, 80-89	12
634 633 632	Open Issues in Pattern Recognition. 2005, 27-42 A Comparative Study of Some Issues Concerning Algorithm Recommendation Using Ranking Methods. 2002, 80-89 Bayesian Kernel Methods. 2003, 65-117	12 2 4
634 633 632	Open Issues in Pattern Recognition. 2005, 27-42 A Comparative Study of Some Issues Concerning Algorithm Recommendation Using Ranking Methods. 2002, 80-89 Bayesian Kernel Methods. 2003, 65-117 The Foundational Theory of Optimal Bayesian Pairwise Linear Classifiers. 2000, 581-590	12 2 4
634 633 632 631	Open Issues in Pattern Recognition. 2005, 27-42 A Comparative Study of Some Issues Concerning Algorithm Recommendation Using Ranking Methods. 2002, 80-89 Bayesian Kernel Methods. 2003, 65-117 The Foundational Theory of Optimal Bayesian Pairwise Linear Classifiers. 2000, 581-590 Radial Basis Function Neural Networks Have Superlinear VC Dimension. 2001, 14-30	12 2 4 4

626	Fusion of Meta-knowledge and Meta-data for Case-Based Model Selection. 2001, 180-191	12
625	Data Visualization and Analysis with Self-Organizing Maps in Learning Metrics. 2001 , 162-173	4
624	Visualization of Neural Net Evolution. 2003 , 534-541	2
623	A Study of Ensemble of Hybrid Networks with Strong Regularization. 2003 , 227-235	7
622	Evolutionary Computation Visualization: Application to G-PROP. 2000 , 902-912	3
621	Empirical Study of Recommender Systems Using Linear Classifiers. 2001 , 16-27	8
620	Quantifying the Resilience of Inductive Classification Algorithms. 2000 , 106-115	10
619	Discovering Task Neighbourhoods through Landmark Learning Performances. 2000 , 325-330	29
618	Multiple Classification Systems in the Context of Feature Extraction and Selection. 2002, 27-41	5
617	parSOM: Using Parallelism to Overcome Memory Latency in Self-Organizing Neural Networks. 2000 , 136-145	4
616	Genetic Algorithm Visualization Using Self-organizing Maps. 2002 , 442-451	5
615	Cellular Automata and Genetic Algorithms for Parallel Problem Solving in Human Genetics. 2002 , 821-830	1
614	Discovering Polynomials to Fit Multivariate Data Having Numeric and Nominal Variables. 2002, 482-493	5
613	Approximate Reasoning by Agents. 2002 , 3-14	2
612	Model Selection for Two View Geometry:A Review. 1999 , 277-301	5
611	Discovery of a Set of Nominally Conditioned Polynomials. 1999 , 287-298	5
610	Iterative Naive Bayes. 1999 , 80-91	3
609	Data-Driven Theory Refinement Using KBDistAl. 1999 , 331-342	3

(2000-1999)

608	Bayesian A* Tree Search with Expected O(N) Convergence Rates for Road Tracking. 1999 , 189-204	4
607	Neural Network Classification and Prior Class Probabilities. 1998 , 299-313	60
606	A Simple Trick for Estimating the Weight Decay Parameter. 1998 , 71-92	7
605	Multidimensional scaling by deterministic annealing. 1997 , 245-260	11
604	Bivariate decision trees. 1997 , 232-242	6
603	CBET: A Case Base Exploration Tool. 1997 , 405-416	2
602	Bayesian classification trees with overlapping leaves applied to credit-scoring. 1998, 234-245	2
601	Basic Steps for the Development of Decision Support Systems. 2009 , 1-27	1
600	Adaptive Sparse Regression. 2003, 237-247	1
599	Encyclopedia of Complexity and Systems Science. 2009 , 7533-7548	1
598	Analysis of Algorithms for Radial Basis Function Neural Network. 2007 , 54-62	7
597	Classification with EEC, Divergence Measures, and Error Bounds. 2010 , 219-261	2
596	Targeted Learning. 2012 , 117-156	3
595	Ensemble Learning by Negative Correlation Learning. 2012 , 177-201	1
594	Statistical Approaches for Modeling in Microbial Source Tracking. 2011 , 207-227	3
593	Finite-Element Mesh Adaptation via Time Series Prediction Using Neural Networks. 2002, 769-782	1
592	Intelligent Decision Support Systems in the Cytodiagnosis of Breast Carcinoma. 2000, 213-231	1
591	Neural Computation in Medicine: Perspectives and Prospects. 2000 , 26-36	8

590	Outstanding Issues for Clinical Decision Support with Neural Networks. 2000 , 63-71	8
589	Visualisation Induced SOM (ViSOM). 2001 , 81-88	5
588	Competitive Learning for Binary Valued Data. 1998 , 779-784	7
587	Recent Feature Selection Methods in Statistical Pattern Recognition. 2003, 565-615	1
586	Application of Contouring to Dental Reconstruction. 2013 , 183-191	3
585	Modeling in R. 2012 , 21-60	2
584	Maximum Likelihood Conjoint Measurement. 2012 , 229-256	1
583	Improving Scalability of E-Commerce Systems with Knowledge Discovery. 2003 , 193-216	2
582	How Many Genes are Needed for a Discriminant Microarray Data Analysis. 2002 , 137-149	33
581	Evolutionary Computation in Microarray Data Analysis. 2002 , 23-35	4
580	Building a High-quality Decision Tree with a Genetic Algorithm. 2000 , 25-38	1
579	D.C. Programming Approach to the Multidimensional Scaling Problem. 2001 , 231-276	4
578	Data Mining Methods and Applications. 2006 , 651-669	4
577	Feed-Forward Neural Networks. 2019 , 1-41	2
576	Exploring Antimicrobial Resistance Prediction Using Post-hoc Interpretable Methods. 2019 , 93-107	2
575	Statistical Data Mining of Clinical Data. 2020 , 225-315	1
574	Nonlinear Extension of the IRLS Classifier Using Clustering with Pairs of Prototypes. 2013 , 121-130	2
573	Application of AdaSS Ensemble Approach for Prediction of Power Plant Generator Tension. 2014 , 207-216	4

(2008-2014)

572	Piecewise Exponential Artificial Neural Networks (PEANN) for Modeling Hazard Function with Right Censored Data. 2014 , 125-136	4
571	An Algorithm for Conversational Case-Based Reasoning in Classification Tasks. 2014 , 289-304	3
570	Neural Networks for Propensity Score Estimation: Simulation Results and Recommendations. 2015 , 279-291	8
569	Artificial Immune System: An Effective Way to Reduce Model Overfitting. 2015 , 316-327	2
568	Region-Based Semantic Segmentation with End-to-End Training. 2016, 381-397	27
567	Deep Belief Networks for EEG-Based Concealed Information Test. 2017 , 498-506	3
566	Discriminant Analysis and Normalization Methods for Next-Generation Sequencing Data. 2018 , 365-384	1
565	New Methods for Uncertainty Representations in Neuro-Fuzzy Systems. 2004 , 659-667	3
564	Dimensionality Reduction by Canonical Contextual Correlation Projections. 2004 , 562-573	4
563	Learning Outdoor Color Classification from Just One Training Image. 2004 , 402-413	7
562	Data Mining. 2003 , 487-565	6
561	Spectral Energy Minimization for Semi-supervised Learning. 2004 , 13-21	1
560	Neuro-Fuzzy Relational Classifiers. 2004 , 376-380	21
559	Selection of the Linearly Separable Feature Subsets. 2004 , 544-549	4
558	Visualizing Trees and Forests. 2008 , 243-264	6
557	Learning Machines. 2006 , 29-64	3
556	Sparse Kernel Ridge Regression Using Backward Deletion. 2006 , 365-374	4
555	Visual Methods for Examining SVM Classifiers. 2008 , 136-153	9

554	The Science of Pattern Recognition. Achievements and Perspectives. 2007 , 221-259	14
553	Selecting Diversifying Heuristics for Cluster Ensembles. 2007 , 200-209	5
552	Multitask Learning with Data Editing. 2007 , 320-326	2
551	Learning Nonlinear Principal Manifolds by Self-Organising Maps. 2008 , 68-95	10
550	SplitMerge Incremental LEarning (SMILE) of Mixture Models. 2007 , 291-300	8
549	Relational Topographic Maps. 2007 , 93-105	7
548	Machine Learning and Data Mining. 2012 , 1-17	5
547	Using Scene Similarity for Place Labelling. 2008 , 85-98	7
546	Urban Data Mining Using Emergent SOM. 2008 , 311-318	3
545	Enhancing Grids for Massively Multiplayer Online Computer Games. 2008, 466-477	6
544	A Brief Review and Comparison of Feedforward Morphological Neural Networks with Applications to Classification. 2008 , 783-792	3
543	Nonlinear Principal Manifolds (Adaptive Hybrid Learning Approaches. 2008 , 15-29	1
542	Chaotic Pattern Recognition: The Spectrum of Properties of the Adachi Neural Network. 2008, 540-550	7
541	Debellor: A Data Mining Platform with Stream Architecture. 2008 , 405-427	4
540	Hierarchical Classifiers for Complex Spatio-temporal Concepts. 2008, 474-750	55
539	E-Means: An Evolutionary Clustering Algorithm. 2008 , 537-545	3
538	Discriminative shape alignment. 2009 , 21, 459-66	4
537	Models as Tools to Aid Thinking. 2010 , 347-374	12

536	Classification Based on Combination of Kernel Density Estimators. 2009, 125-134	8
535	Constructive Morphological Neural Networks: Some Theoretical Aspects and Experimental Results in Classification. 2009 , 123-144	12
534	Optimization of Fuzzy Response Integrators in Modular Neural Networks with Hierarchical Genetic Algorithms: The Case of Face, Fingerprint and Voice Recognition. 2009 , 111-129	6
533	Regression and Artificial Neural Network Modeling of Resilient Modulus of Subgrade Soils for Pavement Design Applications. 2009 , 269-304	7
532	Exploring Early Classification Strategies of Streaming Data with Delayed Attributes. 2009, 875-883	2
531	Research on Vegetation Dynamic Change Simulation Based on Spatial Data Mining of ANN-CA Model Using Time Series of Remote Sensing Images. 2010 , 551-557	2
530	Decision Tree Modeling for Ranking Data. 2010 , 83-106	10
529	How to Count Thumb-Ups and Thumb-Downs: User-Rating Based Ranking of Items from an Axiomatic Perspective. 2011 , 238-249	1
528	Feature Discriminability for Pattern Classification Based on Neural Incremental Attribute Learning. 2011 , 275-280	7
527	Single and Multi-objective Optimization Methodologies in CNC Machining. 2012 , 187-218	9
526	Classifiers Based on Data Sets and Domain Knowledge: A Rough Set Approach. 2013, 93-136	1
525	Bayesian Block-Diagonal Predictive Classifier for Gaussian Data. 2013 , 543-551	3
524	Smoothed Emphasis for Boosting Ensembles. 2013 , 367-375	1
523	Predicting Navigation Performance with Psychophysiological Responses to Threat in a Virtual Environment. 2013 , 129-138	5
522	Inductive Inference and Partition Exchangeability in Classification. 2013 , 91-105	2
521	Classification and Computers: Shifting the Focus. 1996 , 77-88	5
520	Neuronal Networks: Algorithms and Architectures for Ecologists and Evolutionary Ecologists. 2000, 3-27	12
519	Different Ways to See a Tree - KLIMT. 2002 , 303-308	5

518	Statistical Procedures for Functional MRI. 2000 , 301-335	5
517	Feedforward Neural Networks for Spatial Interaction: Are They Trustworthy Forecasting Tools?. 2000 , 355-381	8
516	Evolutionary Approaches for Cluster Analysis. 2003 , 165-176	9
515	Unsupervised and Supervised Learning in Radial-Basis-Function Networks. 2002 , 217-243	5
514	Rough Set Methods for the Synthesis and Analysis of Concurrent Processes. 2000 , 379-488	30
513	Nonparametric and Probabilistic Classification Using NN-balls with Environmental and Remote Sensing Applications. 2011 , 201-216	1
512	Setting the Number of Clusters in K-Means Clustering. 2002 , 115-124	1
511	Artificial Adaptive Systems in Data Visualization: Proactive Data. 2013 , 51-88	1
510	Prediction with Gaussian Processes: From Linear Regression to Linear Prediction and Beyond. 1998 , 599-621	172
509	Detecting the Central Mass of a Spiculated Lesion Using Scale-Orientation Signatures. 1998 , 63-70	2
508	Geostatistical Segmentation of Rainfall Data. 1999 , 139-150	6
507	Data Mining and the Keso project. 1996 , 161-177	1
506	Model-Based Clustering and Classification for Data Science: With Applications in R. 2019,	51
505	Models of Artificial Neural Networks Applied to Demand Forecasting in Nonconsolidated Tourist Destinations. 2015 , 11, 35-44	1
504	Design of HL-2A plasma position predictive model based on deep learning. 2020 , 62, 125022	1
503	Expedited partner therapy: a robust intervention. 2010 , 37, 602-7	23
502	Evidence of climate change impacts on the iconic Welwitschia mirabilis in the Namib Desert.	1
501	How to map a plantain: phylogeny of the diverse Plantagineae (Lamiales).	1

500	Advanced approach to numerical forecasting using artificial neural networks. 2014 , 57, 297-304	4
499	Statistical Issues in Microbial Source Identification. 181-210	O
498	A Decision Tree Approach to Data Classification using Signal Temporal Logic. 2016,	43
497	Prognostic Factor Studies. 2005 , 289-333	1
496	Curvature-Based Method for the Morphometric Analysis of Archaeological Shapes. 2015 , 171-191	2
495	A concrete statistical realization of Kleinberg's stochastic discrimination for pattern recognition. Part I. Two-class classification. 2003 , 31,	5
494	Predicting survival time for metastatic castration resistant prostate cancer: An iterative imputation approach. 2016 , 5, 2672	2
493	Terahertz Frequency Domain Spectroscopy Identification System Based on Decision Trees. 2012 , 122, 891-895	5
492	Predictions of native American population structure using linguistic covariates in a hidden regression framework. 2011 , 6, e16227	8
491	A topological map of the compartmentalized Arabidopsis thaliana leaf metabolome. 2011 , 6, e17806	84
490	Regional differences in seasonal timing of rainfall discriminate between genetically distinct East African giraffe taxa. 2013 , 8, e77191	21
489	A multiscale approach indicates a severe reduction in Atlantic Forest wetlands and highlights that SB Paulo Marsh Antwren is on the brink of extinction. 2015 , 10, e0121315	6
488	Zoogeography of South American Forest-Dwelling Bats: Disjunct Distributions or Sampling Deficiencies?. 2015 , 10, e0133276	6
487	High Throughput Multispectral Image Processing with Applications in Food Science. 2015 , 10, e0140122	17
486	Modelization of the Current and Future Habitat Suitability of Rhododendron ferrugineum Using Potential Snow Accumulation. 2016 , 11, e0147324	12
485	Genetic and Morphological Variation of the Forkbeard, Phycis phycis (Pisces, Phycidae): Evidence of Panmixia and Recent Population Expansion along Its Distribution Area. 2016 , 11, e0167045	11
484	Exact Distributions of the Number of Pattern Occurrences in Undirected Graphical Models. 2012 , 42, 59-79	1
483	Surface conditioning in machining processes. 2020 , 87, 661-673	2

482	Analysis of Accelerants and Fire Debris Using Aroma Detection Technology. 1998 , 43, 16134J	20
481	Does Lindley's LR estimation formula work for speech data? Investigation using long-term f0. 2005 , 12, 235-254	5
480	Identifying the most Informative Variables for Decision-Making Problems - a Survey of Recent Approaches and Accompanying Problems. 2008 , 16, 37-55	9
479	Applying CHAID for Logistic Regression Diagnostics and Classification Accuracy Improvement.	4
478	Towards a Consolidation of Worldwide Journal Rankings A Classification Using Random Forests and Aggregate Rating via Data Envelopment Analysis.	1
477	Forecasting Recovery Rates on Non-Performing Loans with Machine Learning.	4
476	Subsampled Factor Models for Asset Pricing: The Rise of Vasa.	1
475	A Neural Network Architecture for Data Editing in the Bank of Italy's Business Surveys.	16
474	The Effect of the Normalization Method Used in Different Sample Sizes on the Success of Artificial Neural Network Model. 170-192	17
473	Linguistically Defined Clustering of Data. 2018 , 28, 545-557	4
472	A comparison of machine learning algorithms for the prediction of Hepatitis C NS3 protease cleavage sites. 2019 , 3, 167-174	2
471	Estimation of Chemical Composition of Grass in Meadows using Hyperspectral Imaging. 2008 , 46, 129-137	9
470	Ubiquitin and SUMO conjugation as biomarkers of acute myeloid leukemias response to chemotherapies. 2020 , 3,	6
469	A COMPREHENSIVE STUDY ON DIFFERENT PATTERN RECOGNITION TECHNIQUES. 2016 , 2, 42	1
469 468	A COMPREHENSIVE STUDY ON DIFFERENT PATTERN RECOGNITION TECHNIQUES. 2016 , 2, 42 Development and validation of a risk model for identification of non-neutropenic, critically ill adult patients at high risk of invasive Candida infection: the Fungal Infection Risk Evaluation (FIRE) Study. 2013 , 17, 1-156	33
	Development and validation of a risk model for identification of non-neutropenic, critically ill adult patients at high risk of invasive Candida infection: the Fungal Infection Risk Evaluation (FIRE) Study.	
468	Development and validation of a risk model for identification of non-neutropenic, critically ill adult patients at high risk of invasive Candida infection: the Fungal Infection Risk Evaluation (FIRE) Study. 2013 , 17, 1-156 Distribution modeling applied to deficient data species assessment: A case study with Pithecopus	33

464	Machine Learning. 2009 , 2462-2468	2
463	Current Omics Technologies in Biomarker Discovery. 2011 , 79-111	1
462	Machine Learning. 2012 , 13-22	4
461	Artificial Neural Network Model for Predicting Lung Cancer Survival. 2017 , 05, 33-47	1
460	Forecasting Baltic Dirty Tanker Index by Applying Wavelet Neural Networks. 2013, 03, 68-87	8
459	Classification of forest development stages from national low-density lidar datasets: a comparison of machine learning methods. 2016 , 15	18
458	7. Categorical Data Analysis. 2003 , 15, 295-304	1
457	A unified approach to aerosol remote sensing and type specification in the infrared.	2
456	Empirical streamflow simulation for water resource management in data-scarce seasonal watersheds.	5
455	Generalized versus Non-Generalized Neural Network model for multi-lead inflow forecasting at Aswan High Dam.	7
454	Kppen versus the computer: an objective comparison between the Kppen-Geiger climate classification and a multivariate regression tree.	2
453	Dynamic versus static neural network model for rainfall forecasting at Klang River Basin, Malaysia.	3
452	Soil parameters estimation over bare agriculture areas from C-band polarimetric SAR data using neural networks.	2
451	Identifying Corporate Performance Factors Based on Feature Selection in Statistical Pattern Recognition: METHODS, APPLICATION, INTERPRETATION. 2014 ,	2
450	Automated identification of insect vectors of Chagas disease in Brazil and Mexico: the Virtual Vector Lab. 2017 , 5, e3040	16
449	Westwards and northwards dispersal of (Caprifoliaceae) from the Hengduan Mountains region based on chloroplast DNA phylogeography. 2018 , 6, e4748	9
448	, and intermediate forms: geometric morphometrics and an artificial neural network to help morphological identification. 2020 , 8, e8597	8
447	PigLeg: prediction of swine phenotype using machine learning. 2020 , 8, e8764	9

446	To Reveal the Critical Influencing Factors for Safety Behaviors of Chinese Construction Workers from Stress Management Perspective: A Machine-Learning Approach. 2021 , 269-285		
445	Cytokine signature and COVID-19 prediction models in the two waves of pandemics. 2021 , 11, 20793		10
444	A new nonparametric interpoint distance-based measure for assessment of clustering. <i>Journal of Statistical Computation and Simulation</i> , 1-16	.9	4
443	A Test of a Configurational Model of Agency Performance in the United States Federal Government Using Machine Learning Methodology. 1-13		
442	FrWT-PPCA-Based R-peak Detection for Improved Management of Healthcare System. 1-15		2
441	A Simple Implementation of the Stochastic Discrimination for Pattern Recognition. 2000 , 882-887		2
440	Data Mining and Statistics. 2000 , 1-38		
439	Benchmark of Approaches to Sequential Diagnosis. 2000 , 129-140		1
438	Artificial neural networks. 2000 , 65-92		1
437	On the Probabilistic Interpretation of Area Based Fuzzy Land Cover Mixing Proportions. 2000 , 81-95		1
436	An Improved Metric Space for Pixel Signatures. 2000 , 432-441		
435	Radial Basis Function Networks and Decision Trees in the Determination of a Classifier. 2000 , 211-216		
434	Neuronale Regressionsmodelle in der Devisenkursprognose. 2000 , 1-15		
433	Semi-parametric models for data mining. 2000 , 241-246		
432	Predicting Presence of Fish Species in the Seine River Basin Using Artificial Neuronal Networks. 2000 , 131-142		
431	Seeking Independence Using Biologically-Inspired ANNE. 2000, 257-276		2
430	Neural Networks. 2000 , 229-246		
429	Unsupervised learning Clustering methods. 2000 , 93-127		

428	Introduction. 2000 , 1-7	1
427	Fuzzy Artmap Modifications for Intersecting Class Distributions. 2000 , 27-54	
426	Neuronale Netze. 2000 , 661-683	
425	Observational Logic Integrates Data Mining Based on Statistics and Neural Networks. 2000 , 440-445	1
424	Multiscale Annealing and Robustness: Fast Heuristics for Large Scale Non-linear Optimization. 2001 , 779-801	
423	Architecture Selection in NLDA Networks. 2001 , 27-32	2
422	Can Perceptrons Identify Users of Body Lotion?. 2001 , 550-553	
421	Data Mining. 2001 , 189-201	
420	Using SOM for Neural Network Visualization. 2001 , 629-636	2
419	Instance Sampling for Boosted and Standalone Nearest Neighbor Classifiers. 2001 , 283-300	
418	Kreditrisikomessung durch interne Credit-Ratingverfahren. 2001 , 231-247	0
417	Data Mining at the Interface of Computer Science and Statistics. 2001 , 35-61	4
416	Incremental Classification Using Tree-Based Sampling for Large Data. 2001 , 189-206	
415	Using Radial Basis Function Networks for Classification Problems. 2001 , 119-126	
414	Co-evolving a Neural-Net Evaluation Function for Othello by Combining Genetic Algorithms and Reinforcement Learning. 2001 , 377-389	3
413	Resolving Minskyඕ Paradox : The d-Dimensional Normal Distribution Case. 2001 , 25-36	
412	Symmetry and Locality in Image Representation. 2001 , 141-168	
411	A Clustering Based Procedure for Learning the Hidden Unit Parameters in Elliptical Basis Function Networks. 2002 , 419-426	

410	Bagging Tree Classifiers for Glaucoma Diagnosis. 2002 , 183-188	
409	Automatic Identification of Metastable Conformations via Self-Organized Neural Networks. 2002 , 260-284	1
408	Information Matrix. 2002 , 23-54	
407	Unobserved[Monte Carlo Methods for Adaptive Algorithms. 2002, 373-382	
406	Characterizing and Segmenting the Online Customer Market Using Neural Networks. 2002, 101-119	
405	Bagging Improves Uncertainty Representation in Evidential Pattern Classification. 2002, 295-308	1
404	Statistical methods for analyzing gene expression data for cancer research. 2002, 109-31	3
403	Bagging Combined Classifiers. 2002 , 177-184	1
402	Local Polynomial Metrics for K Nearest Neighbor Classifiers. 2002 , 155-164	
401	Evolutionary Subsethood Product Fuzzy Neural Network. 2002 , 274-280	
400	Rule Induction Algorithm for Application to Geological and Petrophysical Data. 2002, 481-510	
399	Distributed Sensor Networks and Neural Trees for Multisensor Data Fusion in Computer Vision. 2002 , 183-196	
398	Hand Postures for Sonification Control. 2002 , 307-316	1
397	Natural Gradient and Multiclass NLDA Networks. 2002 , 673-678	1
396	Characterization of Brain Tissue from MR Spectra for Tumor Discrimination. 2002, 569-588	1
395	Advanced Neural-Based Systems for 3D Scene Understanding. 2002,	
394	A Neural Network Model for Pattern Recognition. 2003 , 814-821	О
393	Combining Regression Trees and Radial Basis Function Networks in Longitudinal Data Modelling. 2003 , 83-91	

392	Linear unit relevance in multiclass NLDA networks. 2003 , 174-181	1
391	B oor Man[Vote with M-ary Classifiers. Application to Iris Recognition. 2003 , 647-657	1
390	Decision Making using Statistical Decision Theory and Neural Networks in Medical Diagnostic Applications. 2003 , 920-951	
389	Towards an Optimal Scoring Policy for Simulated Soccer Agents. 2003 , 296-303	2
388	A Pseudo-Supervised Approach to Improve a Recommender Based on Collaborative Filtering. 2003 , 429-431	
387	Damage Detection Using Holography and Interferometry. 2003 , 419-446	
386	Automated Picking of Seismic First-Arrivals with Neural Networks. 2003, 13-30	1
385	Gene Selection Using Random Voronoi Ensembles. 2003 , 302-307	
384	Forecasting with leading economic indicators - a non-linear approach. 2003 , 12, 68-83	
383	References. 2003,	
383	References. 2003, Independent Component Analysis. 2004, 59-95	
382	Independent Component Analysis. 2004 , 59-95	
382	Independent Component Analysis. 2004 , 59-95 Design of a Neural Network Model as a Decision Making Aid in Renal Transplant. 2004 , 160-170	
382 381 380	Independent Component Analysis. 2004, 59-95 Design of a Neural Network Model as a Decision Making Aid in Renal Transplant. 2004, 160-170 Robust Centre Location in Radial Basis Function Networks. 2004, 121-132	
382 381 380 379	Independent Component Analysis. 2004, 59-95 Design of a Neural Network Model as a Decision Making Aid in Renal Transplant. 2004, 160-170 Robust Centre Location in Radial Basis Function Networks. 2004, 121-132 Statistical Physics and the Clustering Problem. 2004, 253-272 The Effects of Data Properties on Local, Piecewise, Global, Mixture of Experts, and	
382 381 380 379 378	Independent Component Analysis. 2004, 59-95 Design of a Neural Network Model as a Decision Making Aid in Renal Transplant. 2004, 160-170 Robust Centre Location in Radial Basis Function Networks. 2004, 121-132 Statistical Physics and the Clustering Problem. 2004, 253-272 The Effects of Data Properties on Local, Piecewise, Global, Mixture of Experts, and Boundary-Optimized Classifiers for Medical Decision Making. 2004, 51-61	

374	Visualisation of Distributions and Clusters Using ViSOMs on Gene Expression Data. 2004 , 78-84	
373	Binomial Model for European Options. 2004 , 95-105	
372	Neural network modelling of creep in masonry. 2004 , 157, 279-292	
371	Sequential Classification of Probabilistic Independent Feature Vectors Based on Multilayer Perceptron. 2005 , 331-336	
370	Pattern Classification and Recognition of Movement Behavior of Medaka (Oryzias Latipes) Using Decision Tree. 2005 , 186-195	
369	On the Explicit Use of Example Weights in the Construction of Classifiers. 2005 , 307-312	
368	Pattern Analysis of Movement Behavior of Medaka (Oryzias latipes): A Decision Tree Approach. 2005 , 546-553	
367	Estimating the Natural Number of Classes on Hierarchically Clustered Multi-spectral Images. 2005 , 447-455	
366	Feature Extraction for Nonlinear Classification. 2005 , 170-175	1
365	Viseme Classification for Talking Head Application. 2005 , 773-780	O
364	Fast Viseme Recognition for Talking Head Application. 2005 , 516-523	
363	Statistical Approaches for High Dimensional Data Derived from High Throughput Assays. 2005 , 457-470	
362	Software for Genomic Data. 2005 , 489-519	
361	Combining Logical-Type Neuro-fuzzy Systems. 2006 , 240-249	O
360	Feature-based Probabilistic Interpretation of Geobodies from Seismic Amplitudes. 2006, 91-107	
359	Nonlinear Function Learning by the Normalized Radial Basis Function Networks. 2006, 46-55	
358	Unsupervised Learning of Image Recognition with Neural Society for Clustering. 2006, 862-871	
357	Emergent Spatial Patterns in Vegetable Population Dynamics: Towards Pattern Detection and Interpretation. 2006 , 289-296	

356	Missing Data Imputation, Classification, Prediction and Average Treatment Effect Estimation Via Random Recursive Partitioning.	1
355	A Kernel Optimization Method Based on the Localized Kernel Fisher Criterion. 2006 , 915-921	
354	Data Complexity, Margin-Based Learning, and Popper Philosophy of Inductive Learning. 2006, 91-114	1
353	Bibliography. 2006 , 259-270	
352	Classification of Hyperspectral Data and Neural Networks to Differentiate Between Typical Leaves of Wheat and Those Deficient in Nitrogen, Phosphorus, Potassium and Calcium. 2006 , 9, 2841-2846	
351	Discriminant Analysis.	
350	Modeling, Environmental.	
349	Neural Network.	
348	sIDMG: Small-Size Intrusion Detection Model Generation of Complimenting Decision Tree Classification Algorithm. 2007 , 83-99	
347	The Structure of Legal Rules and the Analysis of Judicial Decisions.	1
346	STRUCTURAL HIDDEN MARKOV MODELS BASED ON STOCHASTIC CONTEXT-FREE GRAMMARS. 2007 , 35,	1
345	Climatological Tools for Low Visibility Forecasting. 2007 , 1383-1396	O
344	Space-time statistics for decision support to smart farming. 1997 , 210, 120-30; discussion 130-3	1
343	A Hybrid Evolutionary Approach to Cluster Detection. 2008 , 619-636	
342	Concepts for Wildlife Science: Design Application. 2008, 37-75	
341	Clustering Quality and Topology Preservation in Fast Learning SOMs. 2008, 583-592	1
340	Learning with Sequential Minimal Transductive Support Vector Machine. 2009, 216-227	
339	Light Source Storage and Interpolation for Global Illumination: A Neural Solution. 2009, 87-104	2

338	Acquiring and Classifying Signals from Nanopores and Ion-Channels. 2009 , 265-274	3
337	Efficient Online Classification Using an Ensemble of Bayesian Linear Logistic Regressors. 2009 , 102-111	
336	Newtonian Spectral Clustering. 2009 , 145-154	
335	Real-Time Generation of Interactive Virtual Human Behaviours. 2009 , 70-82	1
334	Supervised Classification Algorithms Applied to the Detection of Atmospheric Pollution. 2009 , 511-522	
333	Encyclopedia of Complexity and Systems Science. 2009 , 1812-1826	
332	A Statistical Approach for Binary Vectors Modeling and Clustering. 2009 , 184-195	5
331	Testing of Alternate Classification Procedures Within an Operational, Satellite Based, Forest Monitoring System. 2009 , 121-132	1
330	Self-Organising Maps for Image Segmentation. 2009 , 373-383	1
329	Optimizing Data Transformations for Classification Tasks. 2009 , 176-183	
328	Bibliography. 2009 , 317-347	
327	Bibliography. 2009 , 335-348	
326	Algorithmic Approach to the Identification of Classification Rules or Separation Surface for Spatial Data. 2010 , 143-221	
325	Forecasting Nevada Gross Gaming Revenue and Taxable Sales Using Coincident and Leading Employment Indexes.	
324	Iteratively reweighted least squares classifier and its l2- and l1-regularized Kernel versions. 2010 , 58,	2
323	Diskriminanzanalyse. 2010 , 325-371	
322	Neural Networks for Non-independent Lotteries. 2010 , 369-375	

320	Detecting mis-entered values in large data sets. 2010 , 805-812	1
319	Empirical Evaluation of Selected Algorithms for Complexity-Based Classification of Software Modules and a New Model. 2010 , 99-131	1
318	An Analysis of Order Dependence in k-NN. 2010 , 207-218	1
317	Manufacturing Virtual Sensors at Caterpillar, Inc 2010 , 700-708	
316	A Multi-layer Perceptron Neural Network to Predict Air Quality through Indicators of Life Quality and Welfare. 2010 , 395-402	
315	Estimating Spatial Distribution of Herb Species and Herbage Mass in Cover Crop Field Using Hyperspectral Imaging. 2010 , 45, 99-109	1
314	Segmentation of Consumer Data. 155-164	
313	Multiple Regression, Principal Components Regression and Partial Least Squares Regression. 227-247	
312	Fundamentals of Pattern Analysis: A Brief Overview. 39-58	
311	Prediction of Antitumor Response. 2011 , 257-274	
310	Learning Binding Affinity from Augmented High Throughput Screening Data. 2011 , 212-234	
309	Perspectives of Multivariable Fuzzy Control. 2011 , 283-314	
308	Imbalanced Data Problem of Relevance Vector Machine Customer Identification. 2011, 448-454	
307	Evaluating Reliability of Single Classifications of Neural Networks. 2011 , 22-30	3
306	Entropy Measure and Energy Map in Machine Fault Diagnosis. 2011 , 243-265	
305	A Novel Parameter Refinement Approach to One Class Support Vector Machine. 2011 , 529-536	0
304	Fuzzy Clustering Finding Prototypes on Classes Boundary. 2011 , 177-186	1
303	A Modified Nearest Neighbor Classification Approach Based on Class-Wise Local Information. 2011 , 186-192	

302	Plaque Feature Extraction. 2011, 223-245	
301	Improving Boosting Methods by Generating Specific Training and Validation Sets. 2011 , 580-587	
300	On-Line Classification of Data Streams with Missing Values Based on Reinforcement Learning. 2011 , 355-362	
299	Combination of Survival Analysis and Neural Networks to Relate Life Expectancy at Birth to Lifestyle, Environment, and Health Care Resources Indicators. 2011 , 491-498	
298	Employing a Radial-Basis Function Artificial Neural Network to Classify Western and Transition European Economies Based on the Emissions of Air Pollutants and on Their Income. 2011 , 141-149	
297	Semi-supervised Learning for Mixed-Type Data via Formal Concept Analysis. 2011 , 284-297	
296	The Measure of a MAC: A Quasi-Experimental Protocol for Tokenizing Force Majeure Clauses in M&A Agreements.	O
295	Bibliography. 289-320	
294	Methods of Neural Networks in Control of Telecommunication Systems. 2011 , 113-130	
293	Short Term Dynamics of Tourist Arrivals: What Do Italian Destinations Have in Common?. 2011 , 577-584	1
292	Biomarker Discovery: Introduction to Statistical Learning and Integrative Bioinformatics Approaches.	
291	References. 591-636	
290	Regression and Classification Trees. 2012 , 279-290	О
289	Spatial Measures between Human Poses for Classification and Understanding. 2012 , 26-36	2
288	ORG - Oblique Rules Generator. 2012 , 152-159	2
287	Dwulit Hull as Means of Optimization of kNN Algorithm. 2012 , 345-358	
286	Steps That Lead to the Diagnosis of Thyroid Cancer: Application of Data Flow Diagram. 2012, 56-65	
285	A First Tour Through R by Example. 2012 , 1-20	

284	The Psychometric Function: Introduction. 2012 , 107-139	
283	Signal Detection Theory. 2012 , 61-105	
282	Application of Sampling Theory to Forecast Ozone by Neural Network. 2012 , 222-230	
281	Embodying Cognition. 2012 , 1798-1818	О
280	Feature Reduction and Nearest Neighbours. 2012 , 363-370	
279	Computational Complexity. 2012 , 2578-2593	
278	Statistical Dynamic Classification to Detect Changes in Temperature Time Series. 2012 , 11-20	
277	Was the Recent Downturn in US GDP Predictable?.	
276	Bandwidth Selection in Kernel Density Estimators for Multiple-Resolution Classification. 2012, 378-386	
275	An Intelligent Algorithm for Home Sleep Apnoea Test Device. 2012 , 1445-1459	
274	Computer-Aided Detection and Diagnosis of Breast Cancer Using Machine Learning, Texture and Shape Features. 2012 , 769-792	
273	Computational Complexity. 2012 , 813-826	
272	Log-Linear Models. 2012 , 27-49	
271	Maximum Likelihood Difference Scaling. 2012 , 195-228	
270	Entropic Feature Discrimination Ability for Pattern Classification Based on Neural IAL. 2012, 30-37	3
269	Multi-Agent Systems in Distributed Computation. 2012 , 629-637	2
268	Quantum Computer Network Model for a Decision Making Algorithm. 2012 , 73-81	
267	The Psychometric Function: Continuation. 2012 , 141-166	

266	Topological Data Mapping for Improved Generalization Capabilities using Counter Propagation Networks. 2012 , 7,
265	Model-Based Classification Via Patterned Covariance Analysis. 2013 , 17-26
264	A Method of Improved Generalization Abilities for Support Vector Machines Using Topological Mapping on Counter Propagation Networks. 2013 , 25, 853-864
263	PCA Based Oblique Decision Rules Generating. 2013 , 198-207
262	Artificial Neural Network Modeling of Healthy Risk Level Induced by Aircraft Pollutant Impacts around Soekarno Hatta International Airport. 2013 , 04, 28-39
261	On the Combination of Information-Theoretic Kernels with Generative Embeddings. 2013, 67-83
260	Modeling, Environmental.
259	Conclusions. 2013, 181-186
258	Discriminant Analysis.
257	Machine Vision-Aided Quality Decision System for Solder Joint Defect Evaluation. 2013 , 147-157
256	Introduction. 2013 , 1-11
255	Stochastic Differential Equations and Related Inverse Problems. 2013 , 29-74
254	Utility, Games, and Narratives. 2013, 293-334
253	Pattern Recognition in Large-Scale Data Sets: Application in Integrated Circuit Manufacturing. 2013 , 185-196
252	Are Socio-Economic, Health Infrastructure, and Demographic Factors Associated with Infant Mortality in Russia?. 2013 , 1, 56-72
251	References. 324-335
250	Computational Intelligence in Survival Analysis. 2014 , 491-501
249	Pattern Recognition Methods. 2014 , 1788-1798

No Coincidence, No Story, No Arbitrage. 248 Learning under Concept Drift with Support Vector Machines. 2014, 587-594 247 Modeling Structural Elements Subjected to Buckling Using Data Mining and the Finite Element 246 Method. 2014, 269-278 Comparison Analysis of Regression Models Based on Experimental and FEM Simulation Datasets 245 Used to Characterize Electrolytic Tinplate Materials. 2014, 279-288 The Models of Determination of Spin Values from Experimental Properties of Nuclei on the Base of 244 Other Experimental Properties. 2014, 482-491 Neural Networks: A Statistician (Possible) View. 1997, 112-122 243 Regularisation by Convolution in Symmetric-Estable function networks. 1997, 588-596 242 Decision Trees Based on Neural Networks. 1997, 221-241 241 A Simple Neural Network Contextual Classifier. 1997, 186-193 240 \circ Avoiding roundoff error in backpropagating derivatives. 1998, 227-233 239 The Potential of Neural Networks Evaluated Within a Taxonomy of Marketing Applications. 1998, 1-12 238 Implementing a Hybrid Architecture for Artificial Neural Network Applications. 1998, 845-850 237 Penalized Training for Serially Correlated Data. 1998, 863-868 236 Modellselektion fl Neuronale Netzwerke. 1998, 265-278 235 Statistical Estimation in Conceptual Spaces. 1998, 1071-1076 234 Bayesian Methods. **1998**, 131-191 233 Linear and Non-Linear Modelling of Scale-Orientation Signatures. 1998, 152-157 232 Non-parametric regression models for the conjoint analysis of qualitative and quantitative data. 231 **1998**, 517-524

230	Pattern Recognition by Invariant Reference Points. 1998, 322-329
229	Satellite Image Segmentation Through Rotational Invariant Feature Eigenvector Projection. 1999 , 317-327
228	Parameter Identification Using Aspects. 1999 , 165-170
227	A New Fuzzy Inference System Based on Artificial Neural Network and Its Applications. 1999 , 75-94
226	Invariant Reference Points Methodology and Applications. 1999 , 259-266
225	Minimum Square-Error Modeling of the Probability Density Function. 1999 , 148-154
224	MLPs and Mixture Models for the Estimation of the Posterior Probabilities of Class Membership. 1999 , 215-218
223	Validation Procedures in Radiological Diagnostic Models. Neural Network and Logistic Regression.
222	Multivariate Statistik. 1999 , 304-321
221	A neural tree-based image understanding system for advanced visual surveillance. 1999 , 117-129
220	A Formal-Physical Agenda for Recognition. 1999 , 22-27
219	Ensembles of Evolutionary created Artificial Neural Networks and Nearest Neighbour Classifiers. 1999 , 288-297
218	Book reviews. 1999 , 10, 42-47
217	NEURAL NETWORK PARADIGMS IN CRASH MODELING ON NON URBAN HIGHWAYS IN INDIA. O
216	Neural Networks. 2015 , 451-475
215	Compare Machine Learning Methods and Linear Mixed Models with Random Effects of Longitudinal O Data Prediction. 2015 , 05, 39-45
214	Recurrent Polynomial and Neural Structures in Modelling of a Neutralisation Process. 2015 , 23-32
213	Artificial Neural Networks in Physical Therapy. 2015 , 6358-6368

212	Artificial Immune Optimization Algorithm. 2015 , 104-123	
211	Learning ELM Network Weights Using Linear Discriminant Analysis. 2015 , 183-191	2
210	Regional Forecasting with Support Vector Regressions: The Case of Spain.	
209	Encyclopedia of Complexity and Systems Science. 2015 , 1-21	
208	Diagnosis of coronary heart diseases using gene expression profiling; stable coronary artery disease, cardiac ischemia with and without myocardial necrosis.	
207	PCA Based Hierarchical Clustering with Planar Segments as Prototypes and Maximum Density Linkage. 2016 , 507-516	
206	Hourly Solar Radiation Forecasting Through Model Averaged Neural Networks and Alternating Model Trees. 2016 , 737-750	1
205	Intelligent Integration of SPC/EPC for Quality Control and Fault Diagnosis. 2016,	
204	GLOBAL OPTIMIZATION FOR THE FORWARD NEURAL NETWORKS AND THEIR APPLICATIONS. 2016 , 3, 9	
203	Neural Modelling of a Yeast Fermentation Process Using Extreme Learning Machines. 2016 , 13-23	
202	Object Recognition Based on Comparative Similarity Assessment. 2016 , 243-253	1
201	Retrieving and Ranking Similar Questions from Question-Answer Archives Using Topic Modelling and Topic Distribution Regression. 2016 , 41-53	1
200	Nonparametric Modeling and Smooth Effects. 2016 , 105-127	
199	Improvement in the Process of Designing a New Artificial Human Intervertebral Lumbar Disc Combining Soft Computing Techniques and the Finite Element Method. 2017 , 223-232	1
198	Comparative Analysis of Selected Methods for Estimating the Prediction Error of Classifie. 2016 , 63, 449-463	
197	Bioimaging - Autothresholding and Segmentation via Neural Networks. 2017 , 358-368	
196	The Framework of Copista: An OMR System for Historical Music Collection Recovery. 2017 , 65-87	
195	A Hybrid System Based on FMM and MLP to Diagnose Heart Disease. 2017 , 682-714	1

194	Encyclopedia of Machine Learning and Data Mining. 2017 , 348-349	1
193	Species Distribution Models (SDM) [A Strategic Tool for Predicting Suitable Habitats for Conserving the Target Species. 2017 , 427-440	
192	A Hybrid System Based on FMM and MLP to Diagnose Heart Disease. 2017 , 293-325	
191	Prediction of the Quality of Fresh Water in a Basin. 2017 , 351-367	
190	Semi-supervised Classification with Modified Kernel Partial Least Squares. 2017, 101-116	
189	kili yan€ delkenine sahip modellerin yeterliliklerine ilikin benzetim ∃lehas∓parametrik olmayan y⊡temler. 2017 , 21, 177-177	
188	Evaluation of classifier performance for multiclass phenotype discrimination in untargeted metabolomics.	
187	Tone E ntropy Analysis of Heart Rate Variability in Cardiac Autonomic Neuropathy. 2017 , 227-248	
186	Neural Network Data Preprocessing: Is It Necessary For Time Series Forecasting?. 2017 , 9, 147-154	
185	Fast Supervised Selection of Prototypes for Metric-Based Learning. 2018, 577-586	
184	On the Use of Decision Trees Based on Diagnosis and Drug Codes for Analyzing Chronic Patients. 2018 , 135-148	3
183	Novel Pattern Recognition Method for Analysis the Radiation Exposure in Cancer Treatment. 2018 , 106-118	
182	Recognition of neural brain activity patterns correlated with complex motor activity. 2018,	О
181	A Study on the Determinants on the Aged's Life Satisfaction: Using Decision Tree Model. 2018 , 29, 39-57	O
180	Deep Convolutional Neural Networks for Plant Species Characterization Based on Leaf Midrib. 2019 , 389-401	
179	Binary Discrimination and Regression. 2019 , 503-531	
178	Machine Learning Portfolios with Equal Risk Contributions.	1
177	Discrimination and Allocation. 2019 , 457-501	

176	Species Distribution Models (SDM) [A Strategic Tool for Predicting Suitable Habitats for Conserving the Target Species. 2019 , 555-568	
175	Flood detection by using FCN-AlexNet. 2019 ,	2
174	An Attempt to Use Kohonen Networks to Find Similarities in the Process of Convective Drying of Wood Biomass. 2020 , 853-862	
173	Ubiquitin and SUMO conjugation as biomarkers of Acute Myeloid Leukemias response to chemotherapies.	
172	Human Pose Estimation of Diver Based on Improved Stacked Hourglass Model. 2019,	0
171	Intelligent Structural Health Monitoring with Ultrasonic Lamb Waves. 2020 , 45-114	
170	Splines, Smoothers, and Kernels. 2020 , 73-156	
169	Optimierungsverfahren. 2020 , 671-693	
168	Beyond the Gaussian Models. 2020 , 591-643	
167	A Generic Neural Network Approach to Infer Segmenting Classifiers for Disease-Associated Regions in Medical Images.	2
166	Housing Poverty in Polish Households and its Diversity. 2020 , 20, 437-455	1
165	Comparative phylogeography reveals how a barrier filters and structures taxa in North American warm deserts.	
164	Demonstrating the Consequences of Learning Missingness Patterns in Early Warning Systems for Preventative Health Care: A Novel Simulation and Solution.	1
163	SIMON: open-source knowledge discovery platform.	
162	. 2020,	
161	Research on Image Recognition Based on Improved ResNet. 2020 ,	O
160	An Analysis of Regularization Methods in Deep Neural Networks. 2020,	O
159	High-Energy Audio in Advertising: A Large-Scale Investigation of TV Commercials.	

158	Classification of RFID Tags with Wavelet Fingerprinting. 2020, 207-246	
157	Unsupervised Learning Techniques. 2020 , 153-173	
156	Neural Networks. 2020 , 279-345	
155	Neural Networks. 2020 , 361-399	
154	Climate change effects on desert ecosystems: A case study on the keystone species of the Namib Desert Welwitschia mirabilis. 2021 , 16, e0259767	О
153	Application of Artificial Neural Computation in Topex Waveform Data. 480-490	
152	Semantic Models in Information Retrieval. 138-173	
151	Learning Binding Affinity from Augmented High Throughput Screening Data. 364-385	
150	Current Omics Technologies in Biomarker Discovery. 465-497	
149	Evaluating Wireless Network Accessibility Performance via Clustering-Based Model. 15-30	
148	Computer-Aided Detection and Diagnosis of Breast Cancer Using Machine Learning, Texture and Shape Features. 27-53	
147	Hemoglobin Level Analysis in Hemodialysis Patients Treated With Erythropoiesis Stimulating Agents. 145-164	
146	An Intelligent Algorithm for Home Sleep Apnea Test Device. 226-240	
145	Classical Training Methods. 2006 , 7-36	O
144	Structural Hidden Markov Model and Its Application in Automotive Industry. 2004 , 138-145	
143	ERAF: A R Package for Regression and Forecasting. 2005 , 165-173	1
142	Neural Network-Based Chaotic Pattern Recognition [Part 2: Stability and Algorithmic Issues. 2005 , 3-16	
141	A Neuro-Fuzzy Classifier Based on Rough Sets. 2005 , 541-549	2

140	Supervised Learning: Statistical Methods. 307-379	1
139	Visualization in Genomics and Proteomics. 2007 , 103-122	
138	Model Selection and Information Criterion. 2009 , 333-354	2
137	Bioinformatics Application: Predicting Protein Subcellular Localization by Applying Machine Learning. 2009 , 163-174	
136	The High-Dimensional Future of Fishery Science. 2009 , 125-136	
135	Analysis of Multi-Layer Neural Network Recognition Mechanism Using Alopex Algorithm. 2007, 135-138	
134	Numerical Methods. 2007 , 193-234	
133	On Concentration of Discrete Distributions with Applications to Supervised Learning of Classifiers. 2007 , 2-16	
132	Nondeterministic Discretization of Weights Improves Accuracy of Neural Networks. 2007, 765-772	1
131	Neural Networks. 2008, 399-427	
131	Neural Networks. 2008, 399-427 An automatic rule base generation method for fuzzy pattern recognition with multiphased clustering.	1
	An automatic rule base generation method for fuzzy pattern recognition with multiphased	1
130	An automatic rule base generation method for fuzzy pattern recognition with multiphased clustering.	1
130	An automatic rule base generation method for fuzzy pattern recognition with multiphased clustering. Violations of Professional Technical Standards: Causes and Lessons Learned. 2022, 14,	
130 129 128	An automatic rule base generation method for fuzzy pattern recognition with multiphased clustering. Violations of Professional Technical Standards: Causes and Lessons Learned. 2022, 14, Optimized self-adaptive PID speed control for autonomous vehicles. 2021, MALA with annealed proposals: a generalization of locally and globally balanced proposal	
130 129 128	An automatic rule base generation method for fuzzy pattern recognition with multiphased clustering. Violations of Professional Technical Standards: Causes and Lessons Learned. 2022, 14, Optimized self-adaptive PID speed control for autonomous vehicles. 2021, MALA with annealed proposals: a generalization of locally and globally balanced proposal distributions. 2022, 32, 1	
130 129 128 127	An automatic rule base generation method for fuzzy pattern recognition with multiphased clustering. Violations of Professional Technical Standards: Causes and Lessons Learned. 2022, 14, Optimized self-adaptive PID speed control for autonomous vehicles. 2021, MALA with annealed proposals: a generalization of locally and globally balanced proposal distributions. 2022, 32, 1 The Smart Machining System Monitoring from Machine Learning View. 2022, 139-190	1

Advanced Data Handling for Business Data Analytics. **2021**, 253-278

121	COVID-19 diagnosis in CT images using CNN to extract features and multiple classifiers. 2020 ,	O
120	Automatic Detection and Prediction of Cybersickness Severity using Deep Neural Networks from user Physiological Signals. 2020 ,	4
119	Does Identity Mapping Really Help in ResNet?. 2021 ,	
118	Chemometrics. 2021 , 45-60	
117	A novel bearing fault diagnosis method using deep residual learning network. 1	1
116	Habitat preferences, spatial distribution and current population status of endangered giant flower Amorphophallus titanum. 1	0
115	Using Machine Learning to Predict Complications in Pregnancy: A Systematic Review 2021 , 9, 780389	O
114	Climate change could reduce and spatially reconfigure cocoa cultivation in the Brazilian Amazon by 2050 2022 , 17, e0262729	0
113	Artificial Neural Network. 2022 , 95-115	1
112	Conventional Machine Learning Methods. 2022 , 27-50	
111	Dispersal into the Qinghai-Tibet plateau: evidence from the genetic structure and demography of the alpine plant 2022 , 10, e12754	2
110	Preharvest phenotypic prediction of grain quality and yield of durum wheat using multispectral imaging 2021 ,	2
109	Predictive Machine Learning for Personalised Medicine in Major Depressive Disorder.	
108	Mineral chemistry-driven protocol to unravel the complex paragenesis of the Klaza (Yukon, Canada) superimposed porphyry-epithermal system. 2022 , 143, 104761	O
107	Investigating phenotypes of pulmonary COVID-19 recovery - a longitudinal observational prospective multicenter trial 2022 , 11,	2
106	A Neural Network Based Superstructure Optimization Approach to Reverse Osmosis Desalination Plants 2022 , 12,	2
105	Use of Mars Data Mining Algorithm Based on Training and Test Sets in Determining Carcass Weight of Cattle in Different Breeds.	

104	The impacts of transfer learning, phylogenetic distance, and sample size on big-data bioacoustics.	O
103	Pooling random forest and functional data analysis for biomedical signals supervised classification: Theory and application to electrocardiogram data 2022 ,	O
102	Robust projection twin support vector machine via DC programming. 1-23	
101	U.S. fires became larger, more frequent, and more widespread in the 2000s 2022 , 8, eabc0020	6
100	A Unified Neural Network Framework for Extended Redundancy Analysis 2022, 1	
99	Personal thermal comfort models: a deep learning approach for predicting older peoples thermal preference. 2022 , ahead-of-print,	O
98	Transnational machine learning with screens for flagging bid-rigging cartels.	О
97	Ensembled sparse-input hierarchical networks for high-dimensional datasets.	
96	Subsampled Factor Models for Asset Pricing: The Rise of Vasa.	О
95	Information-based summary statistics for spatial genetic structure inference 2022,	
94	Assessing Heterogeneity of Two-Part Model via Bayesian Model-Based Clustering with Its Application to Cocaine Use Data.	
93	A Machine Learning Approach to Price Indices: Applications in Commercial Real Estate. 1	1
92	Fine-tuned Xception for Image Classification on Tiny ImageNet. 2021,	О
91	Applications of monitoring and tracing the evolution of clustering solutions in dynamic datasets. 1-19	
91 90	Applications of monitoring and tracing the evolution of clustering solutions in dynamic datasets. 1-19 Distinctive mitogenomic lineages within populations of White-tailed Eagles. 2022, 139,	1
		1 0
90	Distinctive mitogenomic lineages within populations of White-tailed Eagles. 2022 , 139, Application of supervised machine learning for prediction of probabilistic transient stability. 2022 ,	

86	Plant taxonomic species and their role in the workflow of integrative species delimitation.		O
85	Regressive Class Modelling for Predicting Trajectories of COVID-19 Fatalities Using Statistical and Machine Learning Models 2022 , 1-16		
84	References. 325-333		
83	Bayesian Network Modelling: Predictor Impact Assessment in Surface Roughness Prediction. 331, 53-60)	
82	Using near-ground leaf temperatures alters the projected climate change impacts on the historical range of a floristic biodiversity hotspot.		
81	Extracting Behavior Identification Features for Monitoring and Managing Speech-Dependent Smart Mental Illness Healthcare Systems <i>Computational Intelligence and Neuroscience</i> , 2022 , 2022, 8579640	3	
80	Nested leave-two-out cross-validation for the optimal crop yield model selection. <i>Geoscientific Model Development</i> , 2022 , 15, 3519-3535	6.3	0
79	A Random Forest approach to predict geology from geophysics in the Pontiac subprovince, Canada. <i>Canadian Journal of Earth Sciences</i> ,	1.5	O
78	Recent change in spatial distribution of the European flat oyster (Ostrea edulis) inferred from field data and empirical models of living oysters and empty shells. <i>Ecology and Evolution</i> , 2022 , 12,	2.8	O
77	Data-Driven Usability Assessment Model for Smartphones: A Causal Analytic Approach. International Journal of Innovation and Technology Management,	1.1	
76	Otolith chemistry indicates age and region of settlement of immature shortspine thornyhead (Sebastolobus alascanus) in the eastern Pacific Ocean. <i>Marine Ecology - Progress Series</i> ,	2.6	0
75	Reconstructing the historical distribution and local extinction of the giant otter Pteronura brasiliensis in the Atlantic Forest of South America. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> ,	2.6	
74	Applicability of decision tree-based machine learning models in the prediction of core-calibrated shale facies from wireline logs in the late Devonian Duvernay Formation, Alberta, Canada. <i>Interpretation</i> , 1-45	1.4	
73	An Injury-Severity-Prediction-Driven Accident Prevention System. Sustainability, 2022 , 14, 6569	3.6	
72	Estimators for the value of the optimal dynamic treatment rule with application to criminal justice interventions. <i>International Journal of Biostatistics</i> , 2022 ,	1.3	
71	The optimal dynamic treatment rule superlearner: considerations, performance, and application to criminal justice interventions. <i>International Journal of Biostatistics</i> , 2022 ,	1.3	O
70	INNOVATIVE ACTIVITY OF RESTAURANTS OPERATING IN THE LARGEST POLISH CITIES. <i>E A M: Ekonomie A Management</i> , 2022 , 25, 168-182	1.3	
69	Robust ranking by ensembling of diverse models and assessment metrics. <i>Journal of Statistical Computation and Simulation</i> , 1-26	0.9	

68	Nowcasting short-term indicators with machine learning methods. <i>Statistical Journal of the IAOS</i> , 2022 , 1-25	0.7
67	Predicting habitat suitability and niche dynamics of Dactylorhiza hatagirea and Rheum webbianum in the Himalaya under projected climate change. 2022 , 12,	1
66	Spatio-temporal analysis of chromospheric heating in a plage region. 2022 , 664, A8	O
65	Assessing the Effectiveness of Correlative Ecological Niche Model Temporal Projection through Floristic Data. 2022 , 11, 1219	O
64	Machine learning to predict adverse outcomes after cardiac surgery: A systematic review and meta-analysis.	
63	Assessment of the Suitability of Particular Areas in Nepal for Snow Leopard Based on MaxEnt Modelling. 2022 , 141-159	O
62	SSP Framework: A New Approach to Designing Lightweight Convolutional Neural Networks. 2022 , 10, 102292-102307	О
61	Predicting habitat suitability for Ixodes ricinus and Ixodes persulcatus ticks in Finland. 2022, 15,	1
60	Primate conservation in the Arc of Deforestation: a case study of Vieira's titi monkey Plecturocebus vieirai. 1-9	О
59	Cognitive Requirements of the Phonological Tests Affect Their Ability to Discriminate Children With and Without Developmental Dyslexia. 1-18	1
58	Ensemble modeling to predict the impact of future climate change on the global distribution of Olea europaea subsp. cuspidata. 5,	1
57	Machine learning and optimization based decision-support tool for seed variety selection.	O
56	Posture Interactive Self Evaluation Algorithm Based on Computer Vision. 2023, 1516-1526	О
55	Deep learning models for disease-associated circRNA prediction: a review.	1
54	More than half of the variance in in-vivo1H-MRS metabolite estimates is common to all metabolites.	О
53	Implementation of Machine Learning Approaches for Crystal Structure Estimation in Lithium-ion Battery Cathode Materials. 2022 , 22, 789-797	O
52	What drives long-stay tourists to revisit destinations? A case study of Jeju Island. 2022 , 27, 856-870	О
51	Aridity could have driven the local extinction of a common and multivoltine butterfly.	O

50	Three Common Machine Learning Algorithms Neither Enhance Prediction Accuracy Nor Reduce Spatial Autocorrelation in Residuals: An Analysis of Twenty-five Socioeconomic Data Sets.	О
49	Inflow modeling of Okhla barrage using ANFIS and KNN models. 2022,	О
48	The Loyalty of Travel Agency Clients. An Empirical Study. 2018 , 16, 63-70	О
47	Diagnosis of COVID-19 Using Artificial Intelligence Techniques. 2023 , 189-201	o
46	Improving Methods of Identifying Anaphylaxis for Medical Product Safety Surveillance Using Natural Language Processing and Machine Learning.	1
45	Recreational Evaluation of Forests in Urban Environments: Methodological and Practical Aspects. 2022 , 14, 15177	2
44	Disease Trajectory of SLE Clinical Endpoints and Covariates Affecting Disease Severity and Probability of Response: Analysis of Pooled Patient-Level Placebo (Standard-of-Care) Data to Enable Model-Informed Drug Development.	О
43	Machine Learning Construction: Implications to Cybersecurity. 2023 , 7-44	O
42	Cheminformatics analysis of chemicals that increase estrogen and progesterone synthesis for a breast cancer hazard assessment. 2022 , 12,	О
41	Habitat suitability, range dynamics, and threat assessment of Swertia petiolata D. Don: a Himalayan endemic medicinally important plant under climate change. 2023 , 195,	O
40	Deep learning-based age estimation from chest X-rays indicates cardiovascular prognosis. 2022 , 2,	О
39	Evaluating morphosemantic demotivation through experimental and distributional methods. 2022 , 45, 83-115	O
38	The impacts of fine-tuning, phylogenetic distance, and sample size on big-data bioacoustics. 2022 , 17, e0278522	0
37	Homicide clearance: Discretionary and non-discretionary factors. 147737082211360	O
36	Retrospective study in US commercial sorghum breeding: I. Genetic gain in relation to relative maturity.	О
35	A tree-based modeling approach for matched case-control studies.	O
34	More than half of the variance in in-vivo 1 H-MRS metabolite estimates is common to all metabolites.	О
33	Tax avoidance and earnings management: a neural network approach for the largest European economies. 2023 , 9,	O

32	On using self-organizing maps and discretized Sammon maps to study links between atmospheric circulation and weather extremes.	O
31	Automated Deep Learning Based Approach for Albinism Detection. 2023, 272-281	O
30	Attention-based U-Net for image demoir[hg. 2022, 31, 3-17	O
29	ResNet: Solving Vanishing Gradient in Deep Networks. 2023 , 235-247	O
28	Relocation of bioclimatic suitability of Portuguese grapevine varieties under climate change scenarios. 14,	O
27	Prediction of Potential Distribution Area of Two Parapatric Species in Triosteum under Climate Change. 2023 , 15, 5604	O
26	Variable Selection for Distributed Sparse Regression Under Memory Constraints.	O
25	Comparison of Machine Learning Algorithms for Merging Gridded Satellite and Earth-Observed Precipitation Data. 2023 , 15, 634	1
24	PreCowKetosis: A Shiny web application for predicting the risk of ketosis in dairy cows using prenatal indicators. 2023 , 206, 107697	Ο
23	Predicting the occurrence and decline of Astragalus verus Olivier under climate change scenarios in Central Iran. 1-25	O
22	Neural network models for situation similarity assessment in hybrid-CBR. 2023, 1-14	O
21	An Improved Vision Transformer Network with a Residual Convolution Block for Bamboo Resource Image Identification. 2023 , 12, 1055	Ο
20	Diagnosis of the Pneumatic Wheel Condition Based on Vibration Analysis of the Sprung Mass in the Vehicle Self-Diagnostics System. 2023 , 23, 2326	0
19	Prediction of Head Related Transfer Functions Using Machine Learning Approaches. 2023 , 5, 254-267	Ο
18	Vehicle Market Analysis of Drivers[Preferences in Terms of the Propulsion Systems: The Czech Case Study. 2023 , 16, 2418	0
17	A Route Choice Model for the Investigation of Drivers Willingness to Choose a Flyover Motorway in Greece. 2023 , 15, 4614	O
16	Current and future risks of drought-induced mortality in Pinus radiata plantations in New South Wales, Australia. 2022 , 85, 161-177	1
15	A Brief Tour of Deep Learning from a Statistical Perspective. 2023 , 10, 219-246	O

14	Incipient Fault Diagnosis of a Grid-Connected T-Type Multilevel Inverter Using Multilayer Perceptron and Walsh Transform. 2023 , 16, 2668	0
13	Machine Learning in the Context ofLaser-InducedBreakdown Spectroscopy. 2023 , 305-330	O
12	Reassessment of morphological species delimitations in the Cyperus margaritaceus-niveus complex using morphometrics. 2023 , 156, 112-127	О
11	Endemic lineages of spiny frogs demonstrate the biogeographic importance and conservational needs of the Hindu Kush⊞imalaya region.	O
10	How to Open a Black Box Classifier for Tabular Data. 2023 , 16, 181	O
9	The Use of Social Media in City Marketing Communication with Residents and Tourists (User Segmentation. 2023 , 30, 27-32	O
8	Trends in serotype distribution and disease severity in adults hospitalised withStreptococcus pneumoniaeinfection in Bristol and Bath: a retrospective cohort study, 2006-2022.	О
7	The Impact of Data Quality on Software Testing Effort Prediction. 2023 , 12, 1656	O
6	MACHINE LEARNING ALGORITHMS FOR FORECASTING ASSET PRICES: AN APPLICATION TO THE HOUSING MARKET. 2020 , 17, 27-42	O
5	Photometric classification of quasars from ALHAMBRA survey using random forest.	O
4	A new fuzzy support vector machine with pinball loss. 2023 , 3,	О
3	Data Mining Methods and Applications. 2023 , 797-816	O
2	Experimental Result Analysis of Extreme Learning Machine with Various Activation Functions: An Application in Credit Scoring. 2023 , 519-530	О
1	Classification tasks using input driven nonlinear magnetization dynamics in spin Hall oscillator. 2023 , 13,	O