Citation Report
List of articles citing

Bankruptcy prediction using support vector machine with optimal choice of kernel function parameters

DOI: 10.1016/j.eswa.2004.12.008
Expert Systems With Applications, 2005, 28, 603-614.

#	Paper	IF	Citations
601	Identifying and Diagnosing Students with Learning Disabilities using ANN and SVM.		
600	Research of Credit Grade Assessment for Suppliers Based on Multi-Layer SVM Classifier. **2006**,		2
599	The evaluation of consumer loans using support vector machines. *Expert Systems With Applications*, **2006**, 30, 772-782	7.8	87
598	Splice site prediction using support vector machines with a Bayes kernel. *Expert Systems With Applications*, **2006**, 30, 73-81	7.8	43
597	Bankruptcy prediction with neural logic networks by means of grammar-guided genetic programming. *Expert Systems With Applications*, **2006**, 30, 449-461	7.8	67
596	Transmembrane segments prediction and understanding using support vector machine and decision tree. *Expert Systems With Applications*, **2006**, 30, 64-72	7.8	27
595	Dynamically Optimizing Parameters in Support Vector Regression: An Application of Electricity Load Forecasting. **2006**,		
594	Global Optimization of Support Vector Machines Using Genetic Algorithms for Bankruptcy Prediction. **2006**, 420-429		9
593	Identifying and Diagnosing Students with Learning Disabilities using ANN and SVM. **2006**,		2
592	Credit Risk Assessment in Commercial Banks Based on Support Vector Machines. **2006**,		1
591	Profitability Prediction Model Based on Support Vector Machines. **2007**,		
590	Performance Improvement of Bankruptcy Prediction using Credit Card Sales Information of Small & Micro Business. **2007**,		1
589	An Application of Support Vector Machines in Small-Business Credit Scoring. **2007**,		
588	Consumer perception about fast food in India: an exploratory study. **2007**, 109, 182-195		89
587	Combination of independent component analysis and support vector machines for intelligent faults diagnosis of induction motors. *Expert Systems With Applications*, **2007**, 32, 299-312	7.8	219
586	Bankruptcy prediction in banks and firms via statistical and intelligent techniques A review. **2007**, 180, 1-28		650
585	A real-valued genetic algorithm to optimize the parameters of support vector machine for predicting bankruptcy. *Expert Systems With Applications*, **2007**, 32, 397-408	7.8	235

584	An application of one-class support vector machines in content-based image retrieval. *Expert Systems With Applications*, **2007**, 33, 491-498	7.8	53
583	Predicting corporate financial distress based on integration of support vector machine and logistic regression. *Expert Systems With Applications*, **2007**, 33, 434-440	7.8	141
582	Ranking-order case-based reasoning for financial distress prediction. **2008**, 21, 868-878		95
581	Listed companies' financial distress prediction based on weighted majority voting combination of multiple classifiers. *Expert Systems With Applications*, **2008**, 35, 818-827	7.8	88
580	Using neural network ensembles for bankruptcy prediction and credit scoring. *Expert Systems With Applications*, **2008**, 34, 2639-2649	7.8	317
579	Feature selection to diagnose a business crisis by using a real GA-based support vector machine: An empirical study. *Expert Systems With Applications*, **2008**, 35, 1145-1155	7.8	46
578	A hybrid financial analysis model for business failure prediction. *Expert Systems With Applications*, **2008**, 35, 1034-1040	7.8	34
577	Financial decision support using neural networks and support vector machines. **2008**, 25, 380-393		52
576	Kernel Methods in Finance. **2008**, 655-687		5
575	Handbook of Financial Engineering. **2008**,		1
574	Handbook on Information Technology in Finance. **2008**,		11
573	SVM Combined with FCM and PCA for Financial Diagnosis. **2008**,		1
572	Risk assessment in power plants based on AIA improved support vector machines. **2008**,		1
571	Genetic Support Vector Classification and Feature Selection. **2008**,		1
570	Research of BP-SOM Evaluation Model and Its Application. **2008**,		
569	Credit Rating Systems: Regulatory Framework and Comparative Evaluation of Existing Methods. **2008**, 457-488		6
568	Research of Listed Company Violation Forewarning Model Based on Support Vector Machine. **2008**,		
567	Credit risk assessment in commercial banks based on SVM using PCA. **2008**,		

566	Predicting Corporate Financial Distress Based on Fuzzy Support Vector Machine. **2008**,		
565	Using Support Vector Machine and Sequential Pattern Mining to Construct Financial Prediction Model. **2008**,		1
564	Credit Risk Assessment Model of Commercial Banks Based on Support Vector Machines. **2009**,		
563	Gas Emission Rate Prediction in Fully-Mechanized Excavated Faces Based on Support Vector Machine. **2009**,		
562	A neural network model for credit risk evaluation. **2009**, 19, 285-94		39
561	Model of Enterprise Financial Risk Evaluation and Its Application Based on the Incomplete Linguistic Information. **2009**,		
560	Financial distress prediction based on ensemble classifiers of multiple reductions. **2009**,		
559	Credit Risk Assessment Model of Commercial Banks Based on Fuzzy Neural Network. **2009**, 976-985		6
558	Coal Mine Safety Investment Prediction Based on Support Vector Machine. **2009**,		
557	Constructing financial distress prediction model using group method of data handling technique. **2009**,		
556	Forecasting business failure in China using case-based reasoning with hybrid case respresentation. **2009**, 29, n/a-n/a		2
555	Feature selection in bankruptcy prediction. **2009**, 22, 120-127		144
554	Financial failure prediction using efficiency as a predictor. *Expert Systems With Applications*, **2009**, 36, 366-373	7.8	57
553	A genetic programming model for bankruptcy prediction: Empirical evidence from Iran. *Expert Systems With Applications*, **2009**, 36, 3199-3207	7.8	101
552	Using support vector machine with a hybrid feature selection method to the stock trend prediction. *Expert Systems With Applications*, **2009**, 36, 10896-10904	7.8	160
551	Financial distress prediction based on OR-CBR in the principle of k-nearest neighbors. *Expert Systems With Applications*, **2009**, 36, 643-659	7.8	69
550	Predicting bank financial failures using neural networks, support vector machines and multivariate statistical methods: A comparative analysis in the sample of savings deposit insurance fund (SDIF) transferred banks in Turkey. *Expert Systems With Applications*, **2009**, 36, 3355-3366	7.8	151
549	An experimental comparison of ensemble of classifiers for bankruptcy prediction and credit scoring. *Expert Systems With Applications*, **2009**, 36, 3028-3033	7.8	170

548	Majority voting combination of multiple case-based reasoning for financial distress prediction. *Expert Systems With Applications*, **2009**, 36, 4363-4373	7.8	47
547	A study of financial insolvency prediction model for life insurers. *Expert Systems With Applications*, **2009**, 36, 6100-6107	7.8	17
546	Differential evolution trained wavelet neural networks: Application to bankruptcy prediction in banks. *Expert Systems With Applications*, **2009**, 36, 7659-7665	7.8	140
545	Earnings management prediction: A pilot study of combining neural networks and decision trees. *Expert Systems With Applications*, **2009**, 36, 7183-7191	7.8	32
544	Financial distress prediction based on serial combination of multiple classifiers. *Expert Systems With Applications*, **2009**, 36, 8659-8666	7.8	38
543	Predicting business failure using multiple case-based reasoning combined with support vector machine. *Expert Systems With Applications*, **2009**, 36, 10085-10096	7.8	55
542	Applying enhanced data mining approaches in predicting bank performance: A case of Taiwanese commercial banks. *Expert Systems With Applications*, **2009**, 36, 11543-11551	7.8	31
541	Detecting stock-price manipulation in an emerging market: The case of Turkey. *Expert Systems With Applications*, **2009**, 36, 11944-11949	7.8	54
540	Financial distress early warning based on group decision making. **2009**, 36, 885-906		53
539	Predicting financial activity with evolutionary fuzzy case-based reasoning. *Expert Systems With Applications*, **2009**, 36, 411-422	7.8	57
538	A Novel hybrid genetic algorithm for kernel function and parameter optimization in support vector regression. *Expert Systems With Applications*, **2009**, 36, 4725-4735	7.8	182
537	Prediction of financial information manipulation by using support vector machine and probabilistic neural network. *Expert Systems With Applications*, **2009**, 36, 5419-5423	7.8	18
536	A selective ensemble based on expected probabilities for bankruptcy prediction. *Expert Systems With Applications*, **2009**, 36, 5297-5303	7.8	91
535	A binary classification method for bankruptcy prediction. *Expert Systems With Applications*, **2009**, 36, 5256-5263	7.8	65
534	Gaussian case-based reasoning for business failure prediction with empirical data in China. **2009**, 179, 89-108		64
533	Hybrid Fuzzy SVM Model Using CART and MARS for Credit Scoring. **2009**,		2
532	Non-parametric estimation of a multiscale CHARN model using SVR. **2009**, 9, 105-121		2
531	Application of SVM in Financial Research. **2009**,		4

530	Application of SVM Based on Principal Component Analysis to Credit Risk Assessment in Commercial Banks. **2009**,		1
529	Binary SVM Approach for Security Assessment and Classification in Power Systems. **2009**,		5
528	Credit Scoring Using Ensemble Machine Learning. **2009**,		5
527	A Novel Hybrid Approach of KPCA and SVM for Building Cooling Load Prediction. **2010**,		12
526	Neural networks for credit risk evaluation: Investigation of different neural models and learning schemes. *Expert Systems With Applications*, **2010**, 37, 6233-6239	7.8	136
525	Predicting bankruptcy using neural networks and other classification methods: The influence of variable selection techniques on model accuracy. **2010**, 73, 2047-2060		81
524	A practical approach to bankruptcy prediction for small businesses: Substituting the unavailable financial data for credit card sales information. *Expert Systems With Applications*, **2010**, 37, 3624-3629	7.8	18
523	On sensitivity of case-based reasoning to optimal feature subsets in business failure prediction. *Expert Systems With Applications*, **2010**, 37, 4811-4821	7.8	15
522	Business failure prediction using hybrid2 case-based reasoning (H2CBR). **2010**, 37, 137-151		40
521	A hybrid approach of DEA, rough set and support vector machines for business failure prediction. *Expert Systems With Applications*, **2010**, 37, 1535-1541	7.8	108
520	A model based on rough set theory combined with algebraic structure and its application: Bridges maintenance management evaluation. *Expert Systems With Applications*, **2010**, 37, 5295-5299	7.8	3
519	Predicting business failure using classification and regression tree: An empirical comparison with popular classical statistical methods and top classification mining methods. *Expert Systems With Applications*, **2010**, 37, 5895-5904	7.8	75
518	A Model for Financial Distress Early-Warning for Logistics Enterprises Using Support Vector Machine. **2010**,		
517	Consumer Credit Risk Models Via Machine-Learning Algorithms. **2010**,		6
516	Efficacy of Using Support Vector Machine in a Contractor Prequalification Decision Model. **2010**, 24, 273-280		20
515	A hybrid grey-fuzzy-neural networks model for enterprises' bankruptcy. **2010**,		1
514	Predicting customer-supplier relationships using network-based features. **2010**,		1
513	IMPLEMENTATION OF SUPPORT VECTOR MACHINES FOR CLASSIFICATION OF CLINICAL DATASETS. **2010**, 07, 347-356		

512	Hybrid Genetic Algorithm and Support Vector Regression in Cooling Load Prediction. **2010**,	3
511	Forecasting NOx emissions in power plant using rough set and QGA-based SVM. **2010**,	1
510	Cross-sectional stock return analysis using support vector regression. **2010**, 17, 71-74	0
509	A yield forecast model for pilot products using support vector regression and manufacturing experience□he case of large-size polariser. **2010**, 48, 5481-5496	9
508	Dynamic financial distress prediction modeling based on slip time window and multiple classifiers. **2010**,	
507	Consumer credit-risk models via machine-learning algorithms. **2010**, 34, 2767-2787	243
506	Computational Collective Intelligence. Technologies and Applications. **2010**,	
505	Genetic - fuzzy - grey algorithms: A hybrid model for establishing companies' failure reasons. **2010**,	5
504	Genetic algorithm optimized SVM in object-based classification of quickbird imagery. **2011**,	2
503	Consumption Pattern Recognition System Based on SVM. **2011**,	
502	Financial Crisis Dynamic Prediction Based on Sliding Window Technology and Mahalanobis-Taguchi System. **2011**,	0
501	Based on Support Vector Machine of Image Classification Technology. **2011**,	
500	A real time flight deck safety monitoring system based on support vector machine. **2011**,	
499	HYBRID GENETIC PROGRAMMING-BASED SEARCH ALGORITHMS FOR ENTERPRISE BANKRUPTCY PREDICTION. **2011**, 25, 669-692	8
498	Prediction of hotel bankruptcy using support vector machine, artificial neural network, logistic regression, and multivariate discriminant analysis. **2011**, 31, 441-468	55
497	Advanced Research on Computer Science and Information Engineering. **2011**,	
496	Innovation and practice of continuous auditing. **2011**, 12, 152-160	88
495	Fuzzy Sets for Modeling Interstate Conflict. **2011**, 107-125	

494	Finite Newton method for implicit Lagrangian support vector regression. **2011**, 15, 203-214		4
493	Towards the prediction of business failure via computational intelligence techniques. **2011**, 28, 209-226		10
492	A two-stage support-vector-regression optimization model for municipal solid waste management - a case study of Beijing, China. **2011**, 92, 3023-37		66
491	Credit risk evaluation using neural networks: Emotional versus conventional models. **2011**, 11, 5477-5484		63
490	An enforced support vector machine model for construction contractor default prediction. **2011**, 20, 1242-1249		44
489	Extremal optimization for optimizing kernel function and its parameters in support vector regression. **2011**, 12, 297-306		1
488	RST�CBR-CLUSTERING-BASED RGA�SVM MODEL FOR CORPORATE FAILURE PREDICTION. **2011**, 18, 105-120		7
487	Correlation-aided support vector regression for forex time series prediction. **2011**, 20, 1193-1203		11
486	A novel bankruptcy prediction model based on an adaptive fuzzy k-nearest neighbor method. **2011**, 24, 1348-1359		125
485	Predicting business failure using forward ranking-order case-based reasoning. *Expert Systems With Applications*, **2011**, 38, 3075-3084	7.8	10
484	Empirical research of hybridizing principal component analysis with multivariate discriminant analysis and logistic regression for business failure prediction. *Expert Systems With Applications*, **2011**, 38, 6244-6253	7.8	18
483	Using partial least squares and support vector machines for bankruptcy prediction. *Expert Systems With Applications*, **2011**, 38, 8336-8342	7.8	60
482	AdaBoost ensemble for financial distress prediction: An empirical comparison with data from Chinese listed companies. *Expert Systems With Applications*, **2011**, 38, 9305-9312	7.8	68
481	On performance of case-based reasoning in Chinese business failure prediction from sensitivity, specificity, positive and negative values. **2011**, 11, 460-467		25
480	Dynamic financial distress prediction using instance selection for the disposal of concept drift. *Expert Systems With Applications*, **2011**, 38, 2566-2576	7.8	47
479	Predicting business failure using support vector machines with straightforward wrapper: A re-sampling study. *Expert Systems With Applications*, **2011**, 38, 12747-12756	7.8	14
478	Evaluating the efficacy of SVMs, BNs, ANNs and ANFIS in wave height prediction. **2011**, 38, 487-497		95
477	The use of hybrid manifold learning and support vector machines in the prediction of business failure. **2011**, 24, 95-101		55

476	Support vector machine with genetic algorithm for machinery fault diagnosis of high voltage circuit breaker. **2011**, 44, 1018-1027		108
475	Bankruptcy Prediction by Genetic Ant Colony Algorithm. **2011**, 186, 459-463		5
474	Selection moisture forecasting model kernel function and parameter based on support vector machine. **2011**,		
473	Classification of urban vegetation patterns from hyperspectral imagery: hybrid algorithm based on genetic algorithm tuned fuzzy support vector machine. **2012**, 51, 111709		1
472	Using Neural Networks to Model Sovereign Credit Ratings: Application to the European Union. **2012**, 13-23		
471	On proximal bilateral-weighted fuzzy support vector machine classifiers. **2012**, 4, 199		11
470	INTEGRATION OF RANDOM SAMPLE SELECTION, SUPPORT VECTOR MACHINES AND ENSEMBLES FOR FINANCIAL RISK FORECASTING WITH AN EMPIRICAL ANALYSIS ON THE NECESSITY OF FEATURE SELECTION. **2012**, 19, 229-246		5
469	Forecasting business failure: The use of nearest-neighbour support vectors and correcting imbalanced samples Evidence from the Chinese hotel industry. **2012**, 33, 622-634		55
468	RECENT ADVANCES ON SUPPORT VECTOR MACHINES RESEARCH. **2012**, 18, 5-33		90
467	Machine Learning in Financial Crisis Prediction: A Survey. **2012**, 42, 421-436		127
466	Financial distress prediction using support vector machines: Ensemble vs. individual. **2012**, 12, 2254-2265		98
465	Uniformly subsampled ensemble (USE) for churn management: Theory and implementation. *Expert Systems With Applications*, **2012**, 39, 11839-11845	7.8	15
464	Empirical models based on features ranking techniques for corporate financial distress prediction. **2012**, 64, 2484-2496		26
463	Modelling local government unit credit risk in the Republic of Croatia. **2012**, 36, 329-354		1
462	Using past manufacturing experience to assist building the yield forecast model for new manufacturing processes. **2012**, 23, 857-868		7
461	Bankruptcy prediction for Korean firms after the 1997 financial crisis: using a multiple criteria linear programming data mining approach. **2012**, 38, 441-453		25
460	Design of pattern recognition system for static security assessment and classification. **2012**, 15, 299-311		12
459	A hybrid stock selection model using genetic algorithms and support vector regression. **2012**, 12, 807-818		131

458	A modified directional distance formulation of DEA to assess bankruptcy: An application to IT/ITES companies in India. *Expert Systems With Applications*, **2012**, 39, 1988-1997	7.8	36
457	Aggregating multiple classification results using Choquet integral for financial distress early warning. *Expert Systems With Applications*, **2012**, 39, 1830-1836	7.8	17
456	Financial ratings with scarce information: A neural network approach. *Expert Systems With Applications*, **2012**, 39, 1784-1792	7.8	27
455	A tuning method for the architecture of neural network models incorporating GAM and GA as applied to bankruptcy prediction. *Expert Systems With Applications*, **2012**, 39, 3650-3658	7.8	31
454	MCELCCh-FDP: Financial distress prediction with classifier ensembles based on firm life cycle and Choquet integral. *Expert Systems With Applications*, **2012**, 39, 7041-7049	7.8	11
453	Machine learning approach for finding business partners and building reciprocal relationships. *Expert Systems With Applications*, **2012**, 39, 10402-10407	7.8	41
452	Enhanced default risk models with SVM+. *Expert Systems With Applications*, **2012**, 39, 10140-10152	7.8	34
451	The prediction for listed companies financial distress by using multiple prediction methods with rough set and Dempster Shafer evidence theory. **2012**, 26, 196-206		65
450	Evaluation of shape classification techniques based on the signature of the blob. **2012**, 92, 63-75		3
449	Mining financial distress trend data using penalty guided support vector machines based on hybrid of particle swarm optimization and artificial bee colony algorithm. **2012**, 82, 196-206		33
448	A Robust Data-Mining Approach to Bankruptcy Prediction. **2012**, 31, 504-523		17
447	Implementation of the continuous auditing system in the ERP-based environment. **2013**, 28, 592-627		8
446	Prediction of bankruptcy Iranian corporations through artificial neural network and Probit-based analyses. **2013**, 23, 927-936		17
445	Company failure prediction in the construction industry. *Expert Systems With Applications*, **2013**, 40, 6253-6257	7.8	42
444	Improving the management of microfinance institutions by using credit scoring models based on Statistical Learning techniques. *Expert Systems With Applications*, **2013**, 40, 6910-6917	7.8	29
443	Based on Information Fusion Technique with Data Mining in the Application of Finance Early-Warning. **2013**, 17, 695-703		16
442	A multi-industry bankruptcy prediction model using back-propagation neural network and multivariate discriminant analysis. *Expert Systems With Applications*, **2013**, 40, 2941-2946	7.8	114
441	A novel approach on hybrid Support Vector Machines into optimal portfolio selection. **2013**,		1

(2014-2013)

440	Concept Drift-Oriented Adaptive and Dynamic Support Vector Machine Ensemble With Time Window in Corporate Financial Risk Prediction. **2013**, 43, 801-813	34
439	Forecasting business failure using two-stage ensemble of multivariate discriminant analysis and logistic regression. **2013**, 30, 385-397	19
438	Orthogonal support vector machine for credit scoring. **2013**, 26, 848-862	27
437	Small sample-oriented case-based kernel predictive modeling and its economic forecasting applications under n-splits-k-times hold-out assessment. **2013**, 33, 747-761	6
436	Supervised classification and mathematical optimization. **2013**, 40, 150-165	82
435	Pattern analysis and classification for security evaluation in power networks. **2013**, 44, 547-560	20
434	Differential evolution trained kernel principal component WNN and kernel binary quantile regression: Application to banking. **2013**, 39, 45-56	15
433	Comparing the Bank Failure Prediction Performance of Neural Networks and Support Vector Machines: The Turkish Case. **2013**, 26, 81-98	16
432	Financial Distress Prediction of Iranian Companies Using Data Mining Techniques. **2013**, 46,	2
431	Prediction of Banking Systemic Risk Based on Support Vector Machine. **2013**, 2013, 1-5	
430	A Rule-Based Model for Bankruptcy Prediction Based on an Improved Genetic Ant Colony Algorithm. **2013**, 2013, 1-10	31
429	Electronic Business and Marketing. **2013**,	
428	FUZZY BRIDGED REFINEMENT DOMAIN ADAPTATION: LONG-TERM BANK FAILURE PREDICTION. **2013**, 12, 1350003	16
427	Advanced Techniques for Knowledge Engineering and Innovative Applications. **2013**,	1
426	Forecasting the insolvency of US banks using support vector machines (SVMs) based on local learning feature selection. **2013**, 3, 83	7
425	Application of support vector machines on the basis of the first Hungarian bankruptcy model. **2013**, 35, 227-248	4
424	Comparative Analysis between Statistical and Artificial Intelligence Models in Business Failure Prediction. **2014**, 4,	1
423	Application of GA□SVM method with parameter optimization for landslide development prediction. **2014**, 14, 525-533	72

422	Comparative analyses between retained introns and constitutively spliced introns in Arabidopsis thaliana using random forest and support vector machine. **2014**, 9, e104049		18
421	Self-adaptive MOEA feature selection for classification of bankruptcy prediction data. **2014**, 2014, 314728		10
420	Financial distress and cycle-sensitive corporate investments. **2014**, 14, 181-193		4
419	Prediction of financial distress: An application to Chinese listed companies using ensemble classifiers of multiple reductions. **2014**,		
418	Genetic Algorithms for Small Enterprises Default Prediction. **2014**, 258-293		4
417	A hybrid switching PSO algorithm and support vector machines for bankruptcy prediction. **2014**,		5
416	Measuring and Predicting Systemic Risk in the Chinese Banking System. **2014**,		0
415	Feature Selection for Support Vector Machine in the Study of Financial Early Warning System. **2014**, 30, 867-877		5
414	Gene network inference by probabilistic scoring of relationships from a factorized model of interactions. **2014**, 30, i246-i254		3
413	Rapid and automated determination of rusted surface areas of a steel bridge for robotic maintenance systems. **2014**, 42, 13-24		36
412	Statistics-based wrapper for feature selection: An implementation on financial distress identification with support vector machine. **2014**, 19, 57-67		39
411	A genetic algorithm approach for SMEs bankruptcy prediction: Empirical evidence from Italy. *Expert Systems With Applications*, **2014**, 41, 6433-6445	7.8	84
410	Financial ratio selection for business failure prediction using soft set theory. **2014**, 63, 59-67		39
409	Predicting financial distress and corporate failure: A review from the state-of-the-art definitions, modeling, sampling, and featuring approaches. **2014**, 57, 41-56		176
408	The Research of SVR Algorithms Based on Several Loss Functions and the Application in Exchange Rate Prediction. **2014**, 215-225		
407	Proceedings of the 3rd International Conference on Multimedia Technology (ICMT 2013). **2014**,		
406	An improved boosting based on feature selection for corporate bankruptcy prediction. *Expert Systems With Applications*, **2014**, 41, 2353-2361	7.8	86
405	A Study on Effect Evaluation of Payment Method Change in the Mail-order Industry. **2014**, 35, 871-878		3

404	. **2014**, 7, 3979-3992		18
403	A novel hybrid intelligent approach for contractor default status prediction. **2014**, 71, 314-321		19
402	Integration of LSSVM technique with PSO to determine asphaltene deposition. **2014**, 124, 243-253		47
401	Credit rating with a monotonicity-constrained support vector machine model. *Expert Systems With Applications*, **2014**, 41, 7235-7247	7.8	38
400	Quaternion Reproducing Kernel Hilbert Spaces: Existence and Uniqueness Conditions. **2014**, 60, 5736-5749		40
399	INSOLVENCY PREDICTION IN THE PRESENCE OF DATA INCONSISTENCIES. **2014**, 21, 155-167		5
398	AdaBoost based bankruptcy forecasting of Korean construction companies. **2014**, 24, 494-499		53
397	Application of Random Forest, Rough Set Theory, Decision Tree and Neural Network to Detect Financial Statement Fraud Taking Corporate Governance into Consideration. **2014**, 221-234		2
396	Comparing the learning effectiveness of BP, ELM, I-ELM, and SVM for corporate credit ratings. **2014**, 128, 285-295		77
395	Combining cluster analysis with classifier ensembles to predict financial distress. **2014**, 16, 46-58		100
394	Why credit risk markets are predestined for exhibiting log-periodic power law structures. **2014**, 393, 427-449		5
393	A Comparison of Machine Learning Methods in a High-Dimensional Classification Problem. **2014**, 5, 82-96		5
392	Aggregated local models via subspace clustering. **2014**, 9, 153-165		
391	A New Early Warning Model with Vector Machine for Abnormal Production Prediction. **2014**,		2
390	Soft measurement for component content based on adaptive model of Pr/Nd color features. **2015**, 23, 1981-1986		0
389	Short term prediction of aluminium strip thickness via Support Vector Machines. **2015**,		
388	A Study on Deliberate Presumptions of Customer Payments with Reminder in the Absence of Face-to-face Contact Transactions. **2015**, 60, 968-975		2
387	A New Hybrid Algorithm for Bankruptcy Prediction Using Switching Particle Swarm Optimization and Support Vector Machines. **2015**, 2015, 1-7		7

386	Construction and Application Research of Isomap-RVM Credit Assessment Model. **2015**, 2015, 1-7	
385	Bankruptcy Prediction Using Support Vector Machines and Feature Selection During the Recent Financial Crisis. **2015**, 7,	5
384	Efficient and Low Complexity Modulation Classification Algorithm for MIMO Systems. **2015**, 9, 58-64	4
383	Assessing Credit Default using Logistic Regression and Multiple Discriminant Analysis:Empirical Evidence from Bosnia and Herzegovina. **2015**, 13, 128-153	6
382	Hybrid Na�e Bayes K-nearest neighbor method implementation on speech emotion recognition. **2015**,	1
381	Company Performance, Investment Decision, and Cyclical Sensitivity: A Dynamic Estimation on Company Microdata. **2015**, 53, 25-38	3
380	A Grey System Theory-Based Default Prediction Model for Construction Firms. **2015**, 30, 120-134	18
379	Dynamic financial distress prediction based on Kalman filtering. **2015**, 42, 292-308	3
378	Prediction of Upper Body Power of Cross-Country Skiers Using Support Vector Machines. **2015**, 40, 1045-1055	5
377	Comparative study of classifier ensembles for cost-sensitive credit risk assessment. **2015**, 19, 127-144	13
376	Hybrid safety analysis method based on SVM and RST: An application to carrier landing of aircraft. **2015**, 80, 56-65	13
375	Sample re-weighting hyper box classifier for multi-class data classification. **2015**, 85, 44-56	9
374	Predicting corporate failure: a systematic literature review of methodological issues. **2015**, 57, 461-485	33
373	A new method for the prediction of chatter stability lobes based on dynamic cutting force simulation model and support vector machine. **2015**, 354, 118-131	41
372	Dimensionality Reduction Using Graph Weighted Subspace Learning for Bankruptcy Prediction. **2015**, 155-178	
371	The assisted prediction modelling frame with hybridisation and ensemble for business risk forecasting and an implementation. **2015**, 46, 2072-2086	7
370	The Application of Corporate Governance Indicators With XBRL Technology to Financial Crisis Prediction. **2015**, 51, S58-S72	1
369	Malware behavioural detection and vaccine development by using a support vector model classifier. **2015**, 81, 1012-1026	39

368	Improvement of the prediction performance of a soft sensor model based on support vector regression for production of ultra-low sulfur diesel. **2015**, 12, 177-188		13
367	A novel multi-parameter support vector machine for image classification. **2015**, 36, 1890-1906		11
366	Wrapper ANFIS-ICA method to do stock market timing and feature selection on the basis of Japanese Candlestick. *Expert Systems With Applications*, **2015**, 42, 9221-9235	7.8	30
365	A Structural Pattern Mining Approach for Credit Risk Assessment. **2015**, 73-84		
364	A hybrid model for stock price based on wavelet transform and support vector machines. **2015**,		
363	Bankruptcy Prediction of Construction Businesses: Towards a Big Data Analytics Approach. **2015**,		7
362	Application of time series based prediction model to forecast per capita disposable income. **2015**,		1
361	Application of wavelet analysis and a particle swarm-optimized support vector machine to predict the displacement of the Shuping landslide in the Three Gorges, China. **2015**, 73, 4791-4804		71
360	Forecasting holiday daily tourist flow based on seasonal support vector regression with adaptive genetic algorithm. **2015**, 26, 435-443		122
359	Bankruptcy visualization and prediction using neural networks: A study of U.S. commercial banks. *Expert Systems With Applications*, **2015**, 42, 2857-2869	7.8	102
358	An insight into the experimental design for credit risk and corporate bankruptcy prediction systems. **2015**, 44, 159-189		45
357	Real World Data Mining Applications. **2015**,		1
356	Early prediction of the performance of green building projects using pre-project planning variables: data mining approaches. **2015**, 109, 144-151		25
355	Use of Data Reduction Process to Bankruptcy Prediction. **2016**, 7, 27-46		2
354	Towards tangible benefits of corporate failure prediction with business sector: A comparative study. **2016**, 10, 431-442		
353	Using Hybrid Classifiers to Conduct Intangible Assets Evaluation. **2016**, 7, 19-37		
352	New Hermite orthogonal polynomial kernel and combined kernels in Support Vector Machine classifier. **2016**, 60, 921-935		60
351	A combination use of bagging and random subspace with memory mechanism for dynamic financial distress prediction. **2016**,		

350	. **2016**,		2
349	P2P Lending Platforms Bankruptcy Prediction Using Fuzzy SVM with Region Information. **2016**,		3
348	Research on forecasting the market demand of Sci-tech Service Industry based on improved GMDH algorithm. **2016**,		
347	Artificial Neural Networks and risk stratification models in Emergency Departments: The policy maker's perspective. **2016**, 120, 111-9		10
346	Hybrid Discriminant Neural Networks for Bankruptcy Prediction and Risk Scoring. **2016**, 83, 670-674		10
345	Model Selection for Financial Distress Prediction by Aggregating TOPSIS and PROMETHEE Rankings. **2016**, 524-535		1
344	Evaluation of Strategies for Integrated Classification of Visual-Manual and Cognitive Distractions in Driving. **2016**, 58, 944-58		8
343	A hybrid model of support vector regression with genetic algorithm for forecasting adsorption of malachite green onto multi-walled carbon nanotubes: central composite design optimization. **2016**, 18, 13310-21		30
342	Hybrid Artificial Intelligent Systems. **2016**,		3
341	A mixed-ensemble model for hospital readmission. **2016**, 72, 72-82		40
340	Bankruptcy forecasting using case-based reasoning: The CRePERIE approach. *Expert Systems With Applications*, **2016**, 64, 400-411	7.8	23
339	Krill-Herd Support Vector Regression and heterogeneous autoregressive leverage: evidence from forecasting and trading commodities. **2016**, 16, 1901-1915		8
338	References. **2016**, 297-314		
337	Prediction of share price trend using FCM neural network classifier. **2016**,		1
336	The Logistic Lasso and Ridge Regression in Predicting Corporate Failure. **2016**, 39, 634-641		50
335	Support vector regression for Hammerstein-Wiener model identification. **2016**,		
334	Landslide displacement prediction using discrete wavelet transform and extreme learning machine based on chaos theory. **2016**, 75, 1		54
333	A Hybrid Detecting Fraudulent Financial Statements Model Using Rough Set Theory and Support Vector Machines. **2016**, 47, 261-276		15

332	The Portfolio Heuristic Optimisation System (PHOS). **2016**, 48, 627-648		2
331	Classifying murine glomerulonephritis using optical coherence tomography and optical coherence elastography. **2016**, 9, 781-91		13
330	The dynamic financial distress prediction method of EBW-VSTW-SVM. **2016**, 10, 611-638		11
329	Analysing corporate insolvency in the Gulf Cooperation Council using logistic regression and multidimensional scaling. **2016**, 46, 483-518		6
328	Nature-Inspired Metaheuristic Regression System: Programming and Implementation for Civil Engineering Applications. **2016**, 30, 04016007		19
327	Business health characterization: A hybrid regression and support vector machine analysis. *Expert Systems With Applications*, **2016**, 49, 48-59	7.8	27
326	A Privacy-Preserving Outsourced Functional Computation Framework Across Large-Scale Multiple Encrypted Domains. **2016**, 1-1		10
325	Pred-binding: large-scale protein-ligand binding affinity prediction. **2016**, 31, 1443-50		21
324	Predicting corporate financial distress using data mining techniques. **2016**, 58, 216-230		10
323	A linear model based on Kalman filter for improving neural network classification performance. *Expert Systems With Applications*, **2016**, 49, 112-122	7.8	27
322	Financial credit analysis via a clustering weightless neural classifier. **2016**, 183, 70-78		15
321	Multivariate analysis of credit risk and bankruptcy research data: a bibliometric study involving different knowledge fields (1968[illegible]2014). **2016**, 106, 1007-1029		30
320	Artificial neural networks in business: Two decades of research. **2016**, 38, 788-804		167
319	Financial credit risk assessment: a recent review. **2016**, 45, 1-23		73
318	A new dynamic modeling framework for credit risk assessment. *Expert Systems With Applications*, **2016**, 45, 341-351	7.8	39
317	An Efficient Privacy-Preserving Outsourced Computation over Public Data. **2017**, 10, 756-770		31
316	SVM hyperparameters tuning for recursive multi-step-ahead prediction. **2017**, 28, 3749-3763		17
315	An Effective Computational Model for Bankruptcy Prediction Using Kernel Extreme Learning Machine Approach. **2017**, 49, 325-341		55

314	Landslide displacement prediction based on multivariate chaotic model and extreme learning machine. **2017**, 218, 173-186		123
313	Data mining applications in accounting: A review of the literature and organizing framework. **2017**, 24, 32-58		52
312	Dynamic forecasting of financial distress: the hybrid use of incremental bagging and genetic algorithm Empirical study of Chinese listed corporations. **2017**, 19, 32-52		7
311	Data envelopment analysis may obfuscate corporate financial data: using support vector machine and data envelopment analysis to predict corporate failure for nonmanufacturing firms. **2017**, 55, 295-311		3
310	Using genetic algorithms to evolve type-2 fuzzy logic systems for predicting bankruptcy. **2017**, 46, 142-156		6
309	The optimization of the start-up scheduling for a 320 MW steam turbine. **2017**, 125, 345-355		11
308	A boosted decision tree approach using Bayesian hyper-parameter optimization for credit scoring. *Expert Systems With Applications*, **2017**, 78, 225-241	7.8	293
307	Financial distress prediction: The case of French small and medium-sized firms. **2017**, 50, 67-80		57
306	Machine learning models and bankruptcy prediction. *Expert Systems With Applications*, **2017**, 83, 405-417	7.8	256
305	MODELING CREDIT APPROVAL DATA WITH NEURAL NETWORKS: AN EXPERIMENTAL INVESTIGATION AND OPTIMIZATION. **2017**, 18, 224-240		16
304	Grey wolf optimization evolving kernel extreme learning machine: Application to bankruptcy prediction. **2017**, 63, 54-68		121
303	Loan pricing under estimation risk. **2017**, 34, 69-87		
302	Turnaround Management and Bankruptcy. **2017**,		0
301	A comparative study of multiple linear regression, artificial neural network and support vector machine for the prediction of dissolved oxygen. **2017**, 48, 1214-1225		37
300	Dynamic financial distress prediction with concept drift based on time weighting combined with Adaboost support vector machine ensemble. **2017**, 120, 4-14		93
299	Evaluation of different machine learning models for predicting and mapping the susceptibility of gully erosion. **2017**, 298, 118-137		125
298	A New Fuzzy Set and Nonkernel SVM Approach for Mislabeled Binary Classification With Applications. **2017**, 25, 1536-1545		20
297	A method for short-term wind speed time series forecasting using Support Vector Machine Regression Model. **2017**,		3

296	An Online Algorithm for Online Fraud Detection: Definition and Testing. **2017**, 83-107	1
295	Bankruptcy prediction for SMEs using relational data. **2017**, 102, 69-81	40
294	Neural-network-based modelling and analysis for time series prediction of ship motion. **2017**, 64, 30-39	18
293	Cost-sensitive boosted tree for loan evaluation in peer-to-peer lending. **2017**, 24, 30-49	87
292	Predicting Safety Risks in Deep Foundation Pits in Subway Infrastructure Projects: Support Vector Machine Approach. **2017**, 31, 04017052	53
291	Using an ensemble classifier based on sequential floating forward selection for financial distress prediction problem. **2017**, 34, 159-167	26
290	Applying computational intelligence methods for predicting the sales of newly published books in a real editorial business management environment. **2017**, 115, 133-151	22
289	Financial ratios and prediction on corporate bankruptcy in the Atlantic salmon industry. **2017**, 21, 241-260	9
288	Support vector regression for predicting the productivity of higher education graduate students from individually developed software projects. **2017**, 11, 265-270	5
287	L2P-Norm Distance Twin Support Vector Machine. **2017**, 5, 23473-23483	9
286	An intelligent system to predict academic performance based on different factors during adolescence. **2017**, 1, 155-175	7
285	Demonetization: How big data analytics can unearth the black money of India. **2017**,	
284	Support Vector Regression for Predicting the Enhancement Duration of Software Projects. **2017**,	3
283	Prophecy of software maintenance effort with univariate and multivariate approach: By using support vector machine learning techniquewith radial Basis Kernel Function. **2017**,	0
282	The impact of payment delays on bankruptcy prediction: A comparative analysis of variables selection models and neural networks. **2017**,	3
281	Predicting over-indebtedness on batch and streaming data. **2017**,	2
280	Using gated recurrence units neural network for prediction of melt spinning properties. **2017**,	0
279	Predicting Bankruptcy of Belgian SMEs: A Hybrid Approach Based on Factorial Analysi. **2017**, 10, 33	2

278	An intelligent production fluctuation monitoring system for giant oilfield development. **2017**, 9, 36		2
277	Predicting financial distress of agriculture companies in EU. **2017**, 63, 347-355		14
276	Landslide displacement prediction using the GA-LSSVM model and time series analysis: a case study of Three Gorges Reservoir, China. **2017**, 17, 2181-2198		30
275	Anomaly detection methods for bankruptcy prediction. **2017**,		6
274	Financial distress analysis of 'Special Treatment' companies in China. **2017**, 4, 19		
273	Application de l�analyse en composantes principales �la pr�diction des faillites chez les PME belges ?. **2017**, 287-288, 63		
272	Landslide displacement prediction using the GA-LSSVM model and time series analysis: a case study of Three Gorges Reservoir, China. **2017**,		
271	An improved support vector regression using least squares method. **2018**, 57, 2431-2445		9
270	Gradient Evolution-based Support Vector Machine Algorithm for Classification. **2018**, 319, 012062		1
269	Support vector regression for predicting software enhancement effort. **2018**, 97, 99-109		32
268	Personal values and credit scoring: new insights in the financial prediction. **2018**, 69, 1994-2005		11
267	Predicting hospitality financial distress with ensemble models: the case of US hotels, restaurants, and amusement and recreation. **2018**, 12, 483-503		13
266	Innovation and Practice of Continuous Auditing. **2018**, 271-283		2
265	Predicting bank failure: An improvement by implementing a machine-learning approach to classical financial ratios. **2018**, 44, 16-25		37
264	Systematic review of bankruptcy prediction models: Towards a framework for tool selection. *Expert Systems With Applications*, **2018**, 94, 164-184	7.8	115
263	A novel heterogeneous ensemble credit scoring model based on bstacking approach. *Expert Systems With Applications*, **2018**, 93, 182-199	7.8	103
262	Empirical Fuzzy Sets. **2018**, 33, 362-395		9
261	Comparative decision models for anticipating shortage of food grain production in India. **2018**, 131, 523-530		3

260	Data depth based support vector machines for predicting corporate bankruptcy. **2018**, 48, 791-804		17
259	A hybrid MLP-CNN classifier for very fine resolution remotely sensed image classification. **2018**, 140, 133-144		189
258	Predicting US bank failures: A comparison of logit and data mining models. **2018**, 37, 235-256		9
257	Investments, Credit, and Corporate Financial Distress: Evidence from Central and Eastern Europe. **2018**, 54, 677-689		5
256	Towards a Type-2 Fuzzy Logic Based System for Decision Support to Minimize Financial Default in Banking Sector. **2018**,		0
255	Can Machine Learning Models Capture Correlations in Corporate Distresses?. **2018**,		1
254	On Artificial Intelligence Approaches for Contingency Analysis in Power System Security Assessment. **2018**,		5
253	Industrial spatial dynamics, financial health and bankruptcy: evidence from Italian manufacturing industry. **2018**, 45, 533-554		4
252	Propensity Score Stratification Using Support Vector Machine in HIV AIDS Case. **2018**,		
251	Application of eXtreme gradient boosting trees in the construction of credit risk assessment models for financial institutions. **2018**, 73, 914-920		76
250	Incorporating EBO-HSIC with SVM for Gene Selection Associated with Cervical Cancer Classification. **2018**, 42, 225		9
249	Influence of the Event Rate on Discrimination Abilities of Bankruptcy Prediction Models. **2018**, 10, 01-14		2
248	Intracranial Pressure Forecasting in Children Using Dynamic Averaging of Time Series Data. **2018**, 1, 47-58		4
247	Topology design of bankruptcy prediction neural networks using Particle swarm optimization and backpropagation. **2018**,		2
246	Models for Prediction of Industrial Insolvency of Manufacturing Companies in India. **2018**, 10, 30		
245	Predicting financial distress of contractors in the construction industry using ensemble learning. *Expert Systems With Applications*, **2018**, 110, 1-10	7.8	36
244	Joint entropy based learning model for image retrieval. **2018**, 55, 415-423		12
243	Continuous Auditing. **2018**,		5

#	Article	Citations
242	Comprehensive Evaluation of Machine Learning Techniques for Estimating the Responses of Carbon Fluxes to Climatic Forces in Different Terrestrial Ecosystems. **2018**, 9, 83	9
241	Development of Easily Accessible Electricity Consumption Model Using Open Data and GA-SVR. **2018**, 11, 373	8
240	Optimization of start-up scheduling and life assessment for a steam turbine. **2018**, 160, 19-32	18
239	A Comparison Study of Kernel Functions in the Support Vector Machine and Its Application for Termite Detection. **2018**, 9, 5	66
238	Groundwater spring potential modelling: Comprising the capability and robustness of three different modeling approaches. **2018**, 565, 248-261	96
237	On robust twin support vector regression in primal using squared pinball loss. **2018**, 35, 5231-5239	7
236	A Big Data Analytics Approach for Construction Firms Failure Prediction Models. **2019**, 66, 689-698	15
235	Robust Support Vector Regression in Primal with Asymmetric Huber Loss. **2019**, 49, 1399-1431	16
234	Development of termite detection system based on acoustic and temperature signals. **2019**, 147, 106902	3
233	Hybrid Model for Credit Risk Prediction: An Application of Neural Network Approaches. **2019**, 28, 1950017	10
232	Research streams on digital transformation from a holistic business perspective: a systematic literature review and citation network analysis. **2019**, 89, 931-963	39
231	Novel Classification Method of Spikes Morphology in EEG Signal Using Machine Learning. **2019**, 148, 70-79	1
230	Credit Scoring in SME Asset-Backed Securities: An Italian Case Study. **2019**, 12, 89	3
229	An Efficient Privacy-preserving Approach for Secure Verifiable Outsourced Computing on Untrusted Platforms. **2019**, 9, 79-98	18
228	Models for Predicting Business Bankruptcies and Their Application to Banking and to Financial Regulation. **2019**,	
227	Is the External Audit Report Useful for Bankruptcy Prediction? Evidence Using Artificial Intelligence. **2019**, 7, 20	4
226	A novel model modification method for support vector regression based on radial basis functions. **2019**, 60, 983-997	4
225	Predicting multistage financial distress: Reflections on sampling, feature and model selection criteria. **2019**, 38, 632-648	11

224	Weighted-learning-instance-based retrieval model using instance distance. **2019**, 30, 163-176	2
223	Hybrid approach to reducing estimating overfitting and collinearity. **2019**, 26, 2170-2185	5
222	A framework for understanding citizens political participation in social media. **2019**, 33, 1053-1075	3
221	A Hierarchical SVM Based Behavior Inference of Human Operators Using a Hybrid Sequence Kernel. **2019**, 11, 4836	1
220	Multi Classification of Static Security Assessment using Teaching Learning based Optimization enhanced Support Vector Machine. **2019**,	
219	A systematic overview of the prediction of business failure. **2019**, 19, 196	2
218	Financial Distress Prediction: Principle Component Analysis and Artificial Neural Networks. **2019**,	2
217	Synergetic Application of Multi-Criteria Decision-Making Models to Credit Granting Decision Problems. **2019**, 9, 5052	3
216	An overview of bankruptcy prediction models for corporate firms: A Systematic literature review. **2019**, 15, 114	32
215	Generating priority series via AHP for conducting statistical tests on CAMELS dimension priorities in evaluating bank failure risk1. **2019**, 37, 8131-8146	3
214	A bibliometric study on intelligent techniques of bankruptcy prediction for corporate firms. **2019**, 5, e02997	12
213	Efficiently Stealing your Machine Learning Models. **2019**,	8
212	Research on the Analysis and Application of Financial Risk Early Warning Model. **2019**,	
211	Fault Diagnosis of Loader Gearbox Based on an ICA and SVM Algorithm. **2019**, 16,	6
210	Dynamic Bankruptcy Prediction Models for European Enterprises. **2019**, 12, 185	9
209	Anticipating movie success through crowdsourced social media videos. **2019**, 101, 484-494	2
208	Analyzing urban forest coverage variation in Guangzhou-Foshan region using factorial analysis based multivariate statistical prediction models. **2019**, 432, 121-131	13
207	Predicting Corporate Financial Sustainability Using Novel Business Analytics. **2019**, 11, 64	11

206	A fuzzy polynomial fitting and mathematical programming approach for enhancing the accuracy and precision of productivity forecasting. **2019**, 25, 85-107	2
205	Hybridizing kernel-based fuzzy c-means with hierarchical selective neural network ensemble model for business failure prediction. **2019**, 38, 92-105	3
204	Artificial neural networks and risk stratification in emergency departments. **2019**, 14, 291-299	13
203	Topological applications of multilayer perceptrons and support vector machines in financial decision support systems. **2019**, 24, 474-507	22
202	The total cost of misclassification in credit scoring: A comparison of generalized linear models and generalized additive models. **2019**, 38, 375-389	7
201	Dissimilarity-Based Linear Models for Corporate Bankruptcy Prediction. **2019**, 53, 1019-1031	11
200	Swarm intelligence based classification rule induction (CRI) framework for qualitative and quantitative approach: An application of bankruptcy prediction and credit risk analysis. **2020**, 32, 647-657	8
199	Intelligent hybrid model for financial crisis prediction using machine learning techniques. **2020**, 18, 617-645	14
198	Bankruptcy prediction and the discriminatory power of annual reports: empirical evidence from financially distressed German companies. **2020**, 90, 137-172	0
197	Bankruptcy prediction for small- and medium-sized companies using severely imbalanced datasets. **2020**, 84, 165-176	22
196	Improving financial bankruptcy prediction in a highly imbalanced class distribution using oversampling and ensemble learning: a case from the Spanish market. **2020**, 9, 31-53	28
195	Boosting the Performance of the BoVW Model Using SURFCoHOG-Based Sparse Features with Relevance Feedback for CBIR. **2020**, 44, 99-118	15
194	Multi-class support vector machines for static security assessment of power system. **2020**, 11, 57-65	8
193	A dynamic financial distress forecast model with multiple forecast results under unbalanced data environment. **2020**, 192, 105365	17
192	Robust twin support vector regression based on Huber loss function. **2020**, 32, 11285-11309	7
191	Adaptive Magnetic Anomaly Detection Method Using Support Vector Machine. **2020**, 1-5	4
190	Using machine learning to predict auditor switches: How the likelihood of switching affects audit quality among non-switching clients. **2020**, 106785	4
189	Exploratory Study on Screening Chronic Renal Failure Based on Fourier Transform Infrared Spectroscopy and a Support Vector Machine Algorithm. **2020**, 2020, 1-7	2

188	Application of Artificial Neural Networks, Support Vector Machine and Multiple Model-ANN to Sediment Yield Prediction. **2020**, 34, 4561-4575		21
187	A two-step machine learning approach to predict S&P 500 bubbles. **2020**, 1-19		5
186	Vessel Trajectory Analysis in Designated Harbor Route Considering the Influence of External Forces. **2020**, 8, 860		5
185	Time series forecasting based on kernel mapping and high-order fuzzy cognitive maps. **2020**, 206, 106359		17
184	Combination of spatially enhanced bag-of-visual-words model and genuine difference subspace for fake coin detection. *Expert Systems With Applications*, **2020**, 159, 113551	7.8	2
183	Plasmodium classification on red blood cells image using multiclass support vector machines. **2020**, 1567, 032020		
182	Radar Seeker Anti-jamming Performance Prediction and Evaluation Method Based on the Improved Grey Wolf Optimizer Algorithm and Support Vector Machine. **2020**,		
181	Improved iSAM Based on Flexible Re-Linearization Threshold and Error Learning Model for AUV in Large Scale Areas. **2020**, 1-10		1
180	Effective Automated Feature Derivation via Reinforcement Learning for Microcredit Default Prediction. **2020**,		0
179	Network Analysis of Technology Stocks using Market Correlation. **2020**,		1
178	On pairing Huber support vector regression. **2020**, 97, 106708		5
177	Bidders Recommender for Public Procurement Auctions Using Machine Learning: Data Analysis, Algorithm, and Case Study with Tenders from Spain. **2020**, 2020, 1-20		6
176	A Financial Distress Prediction Model Based on Sparse Algorithm and Support Vector Machine. **2020**, 2020, 1-11		3
175	Machine Learning-Based Indoor Air Quality Baseline Study of the Offices and Laboratories of the Northwest and Southwest Building of Map University Manila. **2020**,		0
174	Tightening big Ms in integer programming formulations for support vector machines with ramp loss. **2020**, 286, 84-100		2
173	IDE-MLSSVR-Based Back Analysis Method for Multiple Mechanical Parameters of Concrete Dams. **2020**, 146, 04020155		3
172	Visa trial of international trade: evidence from support vector machines and neural networks. **2020**, 7, 231-252		10
171	A novel tree-based dynamic heterogeneous ensemble method for credit scoring. *Expert Systems With Applications*, **2020**, 159, 113615	7.8	25

170	A hybrid computing model to predict rock strength index properties using support vector regression. **2020**, 1	12
169	Optimization of spinning process parameters for the large-diameter thin-walled cylinder based on the drum shape. **2020**, 108, 2315-2335	4
168	Optimized multi-output machine learning system for engineering informatics in assessing natural hazards. **2020**, 101, 727-754	4
167	Intelligent evaluation of black tea fermentation degree by FT-NIR and computer vision based on data fusion strategy. **2020**, 125, 109216	24
166	Failure prediction of Indian Banks using SMOTE, Lasso regression, bagging and boosting. **2020**, 8, 1729569	11
165	Integration of Dimension Reduction and Uncertainty Quantification in Designing Stretchable Strain Gauge Sensor. **2020**, 10, 643	3
164	The averaged inter-brain coherence between the audience and a violinist predicts the popularity of violin performance. **2020**, 211, 116655	12
163	General Learning Modeling for AUV Position Tracking. **2020**, 35, 28-38	2
162	Comparison of Prediction Models Applied in Economic Recession and Expansion. **2020**, 13, 52	6
161	Recognizing multivariate geochemical anomalies for mineral exploration by combining deep learning and one-class support vector machine. **2020**, 140, 104484	28
160	Artificial intelligence models to generate visualized bedrock level: a case study in Sweden. **2020**, 6, 1509-1528	18
159	Financial determinants of credit risk in the logistics and shipping industries. **2021**, 23, 268-290	3
158	Corporate failure prediction models in the twenty-first century: a review. **2021**, 33, 204-226	11
157	Design of adaptive Elman networks for credit risk assessment. **2021**, 21, 323-340	
156	Prediction of the concentrations of PM1, PM2.5, PM4, and PM10 by using the hybrid dragonfly-SVM algorithm. **2021**, 14, 313-323	8
155	Risk Early Warning Research on China's Futures Company. **2021**, 57, 2259-2270	1
154	Popular News Are Relevant News! How Investor Attention Affects Algorithmic Decision-Making and Decision Support in Financial Markets. **2021**, 23, 477-494	5
153	Machine learning in U.S. Bank Merger Prediction: A Text-Based Approach.	1

152	An Efficient Privacy-preserving Approach for Secure Verifiable Outsourced Computing on Untrusted Platforms. **2021**, 1299-1320	
151	Feature selection in credit risk modeling: an international evidence. 1-31	3
150	Random Machines: A Bagged-Weighted Support Vector Model with Free Kernel Choice. **2021**, 409-428	0
149	Comparing the Performance of Deep Learning Methods to Predict Companies' Financial Failure. **2021**, 9, 97010-97038	3
148	Hourly Rainfall Forecast Model Using Supervised Learning Algorithm. **2021**, 1-9	9
147	Bank Failure Prediction: A Comparison of Machine Learning Approaches. **2021**, 349-366	0
146	Drilling Operations Classification Utilizing Data Fusion and Machine Learning Techniques. **2021**, 389-398	
145	COMPOSITE FINANCIAL PERFORMANCE INDEX PREDICTION – A NEURAL NETWORKS APPROACH. **2021**, 22, 277-296	4
144	Machine Learning Assisted In-Situ Sensing and Detection on System of PECVD Depositing Hydrogenated Silicon Films. **2021**,	
143	Data mining sugarcane breeding yield data for ratoon yield prediction. **2021**, 217, 1	
142	NLOS Multipath Classification of GNSS Signal Correlation Output Using Machine Learning. **2021**, 21,	9
141	Visualization and Mapping of Knowledge and Science Landscapes in Expert Systems With Applications Journal: A 30 Years' Bibliometric Analysis. **2021**, 11, 215824402110275	2
140	Damage model of turbine rotor based on DPLS. **2021**, 013-020	
139	Artificial Intelligence: the Application of Machine Learning and Predictive Analytics in Credit Risk. **2021**, 16, 19-29	
138	On the determinants and prediction of corporate financial distress in India. **2021**, ahead-of-print,	3
137	Dynamic financial distress prediction based on class-imbalanced data batches. **2021**, 08, 2150026	
136	References. **2021**, 91-99	
135	Finansal Başarısızlık Tahmininde Makine Öğrenmesi Yöntemlerinin Sınıflandırma Performansının Karşılaştırması: Borsa İstanbul Örneği	

134	A novel approach for water quality classification based on the integration of deep learning and feature extraction techniques. **2021**, 214, 104329		8
133	Adaptive Synapse Arrangement in Cortical Learning Algorithm. **2021**, 25, 450-466		1
132	Machine Learning Applied to Banking Supervision a Literature Review. **2021**, 9, 136		3
131	SVM-based compliance discrepancies detection using remote sensing for organic farms. **2021**, 14, 1		2
130	Application of multivariate canonical harmonic trend analysis, singularity analysis with radius-areal metal amount and improved adaptive fuzzy self-organizing mapping to identify geochemical anomaly related to iron polymetallic mineralization in Hunjiang district, Northeastern China. **2021**, 41, 2101-2110		0
129	A robust SVM-based approach with feature selection and outliers detection for classification problems. *Expert Systems With Applications*, **2021**, 178, 115017	7.8	9
128	A new approach to deal with variable selection in neural networks: an application to bankruptcy prediction. 1		1
127	Artificial neural network optimized by differential evolution for predicting diameters of jet grouted columns. **2021**, 13, 1500-1500		8
126	The role of earnings components and machine learning on the revelation of deteriorating firm performance. **2021**, 77, 101797		
125	Applications of machine learning for corporate bond yield spread forecasting. **2021**, 58, 101540		0
124	Estimating Soil Organic Matter Content Using Sentinel-2 Imagery by Machine Learning in Shanghai. **2021**, 9, 78215-78225		1
123	Review of Big Data Applications in Finance and Economics. **2021**, 181-202		1
122	Identifying financial ratios associated with companies performance using fuzzy logic tools. **2021**, 40, 117-129		
121	Artificial intelligence for decision support systems in the field of operations research: review and future scope of research. **2022**, 1		14
120	Towards Secure and Efficient Outsourcing of Machine Learning Classification. **2019**, 22-40		13
119	Credit Analysis Using a Combination of Fuzzy Robust PCA and a Classification Algorithm. **2015**, 19-29		1
118	Prediction of Academic Performance During Adolescence Based on Socioeconomic, Psychological and Academic Factors. **2017**, 71-80		1
117	Company Bankruptcy Prediction with Neural Networks. **2018**, 183-189		1

116	Private yet Efficient Decision Tree Evaluation. **2018**, 243-259	13
115	Towards Early Detections of the Bad Debt Customers among the Mail Order Industry. **2013**, 167-176	7
114	Suitability of data preprocessing methods for landslide displacement forecasting. **2020**, 34, 1105-1119	12
113	A Comparative Analysis of Machine Learning Classifiers and Ensemble Techniques in Financial Distress Prediction. **2020**,	4
112	Prediction of Bankruptcy with SVM Classifiers Among Retail Business Companies in EU. **2016**, 64, 627-634	9
111	CTLL: A Cell-Based Transfer Learning Method for Localization in Large Scale Wireless Sensor Networks. **2015**, 11, 252653	2
110	A Hybrid Under-sampling Approach for Better Bankruptcy Prediction. **2015**, 21, 173-190	4
109	Fuzzy nonlinear proximal support vector machine for land extraction based on remote sensing image. **2013**, 8, e69434	9
108	Investigation of the Impact of Data Comparability on Performance of Support Vector Machine Models for Credit Scoring . **2015**, 9, 31-38	3
107	CBR-Based Fuzzy Support Vector Machine for Financial Distress Prediction. **2013**, 41, 20120282	4
106	A Novel Nonlinear Integrated Forecasting Model of Logistic Regression and Support Vector Machine for Business Failure Prediction with All Sample Sizes. **2015**, 43, 20130297	3
105	Predicting Failure in the Commercial Banking Industry.	2
104	The Effects of Tax Changes on Economic Activity: A Narrative Approach to Frequent Anticipations.	33
103	Textual Information and IPO Underpricing: A Machine Learning Approach.	0
102	A Multi-Layer Perceptron Approach to Financial Distress Prediction with Genetic Algorithm. **2020**, 54, 475-482	7
101	Support vector regression and model reference adaptive control for optimum control of nonlinear drying process. **2016**, 15, 111-126	1
100	Soft Set Theory Oriented Forecast Combination Method for Business Failure Prediction.	1
99	RETRACTED ARTICLE: COMPANY FINANCIAL PATH ANALYSIS USING FUZZY C-MEANS AND ITS APPLICATION IN FINANCIAL FAILURE PREDICTION. **2018**, 19, 213-234	1

98	A COST-SENSITIVE LOGISTIC REGRESSION CREDIT SCORING MODEL BASED ON MULTI-OBJECTIVE OPTIMIZATION APPROACH. **2019**, 26, 405-429	10
97	The Prediction Model of Financial Crisis Based on the Combination of Principle Component Analysis and Support Vector Machine. **2014**, 02, 204-212	1
96	Improving SVM through a Risk Decision Rule Running on MATLAB. **2012**, 7,	3
95	Application of GA-SVM method with parameter optimization for landslide development prediction.	5
94	Atmospheric Temperature Prediction using Support Vector Machines. **2009**, 55-58	119
93	Static Security Assessment in Power Systems Using Multi-Class SVM with Parameter Selection Methods. **2013**, 465-471	4
92	Static Security Evaluation in Power Systems usingMulti-Class SVM with Different Parameter SelectionMethods. **2011**, 193-198	3
91	Bankruptcy prediction using machine learning and an application to the case of the COVID-19 recession. **2021**, 1, 180-195	1
90	Neural networks and hospital length of stay: an application to support healthcare management with national benchmarks and thresholds. **2021**, 19, 67	1
89	An Application of Support Vector Machines in the Prediction of Acquisition Targets: Evidence from the EU Banking Sector. **2008**, 431-456	0
88	Application of Fuzzy Classification in Bankruptcy Prediction. **2008**, 921-928	1
87	A GA-Based Support Vector Machine Diagnosis Model for Business Crisis. **2010**, 265-273	
86	Hybrid Artificial Immune Algorithm and CMAC Neural Network Classifier for Supporting Business and Medical Decision Making. **2011**, 41-54	1
85	LS-SVM Financial Achievement Prediction Based on Targets Optimization of Neighborhood Rough Sets. **2011**, 171-178	1
84	Introduction to Support Vector Machines and Their Applications in Bankruptcy Prognosis. **2012**, 731-761	0
83	Data Mining Approach Using Practical Swarm Optimization (PSO) to Predicting Going Concern: Evidence from Iranian Companies. **2013**, 11, 5-11	1
82	A Hybrid SVM Classifier for Imbalanced Data Sets. **2013**, 19, 125-140	1
81	Bankruptcy prediction using ensemble SVM model. **2013**, 24, 1113-1125	4

80	Bankruptcy Prediction Using Data Mining Tools. **2014**, 220-226	
79	Bankruptcy Forecasting Model using AdaBoost: A Focus on Construction Companies. **2014**, 20, 35-48	
78	High-accuracy Optimization by Parallel Iterative Discrete Approximation and GPU Cluster Computing. **2014**, 9,	
77	Generating Firm’s Performance Indicators by Applying PCA. **2015**, 25, 191-196	
76	Selection of the Optimal Decision Tree Model Using Grid Search Method : Focusing on the Analysis of the Factors Affecting Job Satisfaction of Workplace Reserve Force Commanders. **2015**, 40, 19-29	
75	Using Self Organizing Maps for Banking Oversight. **2016**, 116-140	
74	Stock Selection Based on a Hybrid Quantitative Method. **2016**, 06, 346-362	1
73	Pricing Under Estimation Risk.	
72	A Study of the Internet Financial Interest Rate Risk Evaluation Index System in Context of Cloud Computing. **2017**, 801-812	
71	Efficiency of Random Decision Forest Technique in Polish Companies�Bankruptcy Prediction. **2018**, 453-462	
70	Use of Data Reduction Process to Bankruptcy Prediction. **2018**, 956-979	
69	Using Hybrid Classifiers to Conduct Intangible Assets Evaluation. **2018**, 1633-1654	
68	A Dynamic Financial Distress Forecast Model with Time-Weighting Based on Random Forest. **2019**, 555-566	
67	Efficiency of Gradient Boosting Decision Trees Technique in Polish Companies�Bankruptcy Prediction. **2019**, 24-35	4
66	RETRACTION NOTICE TO �COMPANY FINANCIAL PATH ANALYSIS USING FUZZY C-MEANS AND ITS APPLICATION IN FINANCIAL FAILURE PREDICTION�JOURNAL OF BUSINESS ECONOMICS AND MANAGEMENT, 19(1), 213-234, 2018]. **2018**, 19, 0-0	
65	Financial Early Warning System Model Based on Neural Networks, PSO and SA Algorithms. **2019**, 970-982	
64	Modelos centrados vs descentrados para la predicci� de quiebra: evidencia emp�ica para Espa�. **2018**, 64, 96	
63	Bankruptcy Prediction of Engineering Companies in the EU Using Classification Methods. **2018**, 66, 1347-1356	4

62	Credit Scoring in SME Asset-Backed Securities: An Italian Case Study.	
61	Bankruptcy prediction for Japanese corporations using support vector machine, artiﬁcial neural network, and multivariate discriminant analysis. **2019**, 01,	1
60	Destek Vekt Makineleri ile Borsa Endekslerinin Tahmini. **2020**, 9, 1394-1418	2
59	Breast Cancer Recurrence Prediction in Biopsy Using Machine Learning Framework. **2021**, 347-357	1
58	Comparative Analysis of Machine Learning Algorithms in Automatic Identification and Extraction of Water Boundaries. **2021**, 11, 10062	4
57	Evaluating company bankruptcies using causal forests. **2020**, 31, 542-559	1
56	Selection Of Variables And Indicators In Financial Distress Prediction Model-Svm Method Based On Sparse Principal Component Analysis. **2020**,	1
55	Out-of-Sample Predictability of Economic Efficiency Measures of U.S. Banks: Evidence of Capital Adequacy Requirements. **2021**, 71, 197-222	1
54	A Machine Learning Approach of Measuring Audit Quality: Evidence From China.	2
53	Predicting Default Probability of Bank Corporate Clients in the Czech Republic. Comparison of Generalized Additive Models and Support Vector Machine Approaches. **2020**, 709-722	
52	Modles de prvision de dfaillance dentreprise et slection de variables explicatives : le cas de la France. **2020**, 37, 67	
51	Establishing a Credit Risk Evaluation System for SMEs Using the Soft Voting Fusion Model. **2021**, 9, 202	3
50	EEG-based Recognition of Fatigue Driving on Highway. **2020**,	0
49	Genetic Algorithms for Small Enterprises Default Prediction. 571-607	
48	Using Self Organizing Maps for Banking Oversight. 1306-1332	1
47	MP-Polynomial Kernel for Training Support Vector Machines. **2007**, 584-593	1
46	Efficiency of Different SVM Kernels in Predicting Rainfall in India. **2021**, 169-175	0
45	Assessing uncertainty propagation in hybrid models for daily streamflow simulation based on arbitrary polynomial chaos expansion. **2022**, 160, 104110	2

44	Optimization of haulage-truck system performance for ore production in open-pit mines using big data and machine learning-based methods. **2022**, 75, 102522	1
43	Enterprise Credit Risk Assessment Using Feature Selection Approach and Ensemble Learning Technique. **2020**,	
42	Intelligent Modeling of Tuyere Raceway of Blast Furnace. **2021**,	
41	Possibilities and limitations of the use of bankruptcy prediction models for insolvency prevention. **2021**, 73-94	
40	Possibilities and limitations of the use of bankruptcy prediction models for insolvency prevention. **2021**, 73-94	0
39	The recurrence of financial distress: A survival analysis. **2022**,	1
38	Financial Distress Prediction Using Support Vector Machines and Logistic Regression. **2022**, 429-452	1
37	Consumer Bankruptcy Prediction Using Balanced and Imbalanced Data. **2022**, 10, 24	2
36	Threshold Moving Approach with Logit Models for´Bankruptcy Prediction. 1	
35	A Heterogenous Online Ensemble Classifier for Bankruptcy Prediction. **2021**,	
34	Decision information for auditors to assess litigation risk: Application of machine learning techniques. **2022**, 19, 133-146	1
33	A novel method for financial distress prediction based on sparse neural networks with regularization.. **2022**, 1-15	1
32	GNSS NLOS Signal Classification Based on Machine Learning and Pseudorange Residual Check. **2022**, 9,	0
31	Corporate finance risk prediction based on LightGBM. **2022**, 602, 259-268	6
30	Forecasting of Bank Performance using Hybrid Machine Learning Techniques. **2022**,	0
29	An empirical application of a hybrid ANFIS model to predict household over-indebtedness.	0
28	Bankruptcy Prediction with Machine Learning: The Case of Portuguese and Spanish Hospitality Sector. **2022**, 165-176	0
27	Bankruptcy prediction using synthetic sampling. **2022**, 100343	2

26	Deep Learning-Based Model for Financial Distress Prediction.	0
25	Early Warning and Monitoring Analysis of Financial Accounting Indicators of Listed Companies Based on Big Data. **2022**, 2022, 1-8	
24	GNSS-derived PWV and meteorological data for short-term rainfall forecast based on Support Vector Machine. **2022**,	
23	A new algorithm for time series prediction using machine learning models.	
22	A Study on Early Warnings of Financial Crisis of Chinese Listed Companies Based on DEA-SVM Model. **2022**, 10, 2142	2
21	Risk management prediction of mining and industrial projects by support vector machine. **2022**, 78, 102819	
20	Textual Emotional Tone and Financial Crisis Identification in Chinese Companies: A Multi-Source Data Analysis Based on Machine Learning. **2022**, 12, 6662	1
19	Benchmarking Predictive System for Detection of Bankruptcy using Artificial Intelligence. 154-161	
18	Corporate governance and financial distress: lessons learned from an unconventional approach.	
17	How do the content, format, and tone of Twitter-based corporate disclosure vary depending on earnings performance?. **2022**, 47, 100574	0
16	Predicting startup success using support vector machine. **2022**,	0
15	Real-Time Rainfall Nowcast Model by Combining CAPE and GNSS Observations. **2022**, 60, 1-9	0
14	A Combined Linear-Nonlinear Short-Term Rainfall Forecast Method Using GNSS-Derived PWV. **2022**, 13, 1381	0
13	Predicting Mental Health of Best Human Capital for Sustainable Organization through Psychological and Personality Health Issues: Shift from Traditional to Novel Machine Learning-Supervised Technique Approach. **2022**, 2022, 1-9	1
12	A prediction model for ranking branch-and-bound procedures for the resource-constrained project scheduling problem. **2022**,	0
11	Research on Financial Early Warning Based on Combination Forecasting Model. **2022**, 14, 12046	0
10	An intelligent bankruptcy prediction model using a multilayer perceptron. **2022**, 200136	0
9	Predicting COVID-19 community infection relative risk with a Dynamic Bayesian Network. 10,	0

8	Nonlinear relationships in bankruptcy prediction and their effect on the profitability of bankruptcy prediction models.	0
7	Predicting accounting fraud using imbalanced ensemble learning classifiers evidence from China.	0
6	GALSTM-FDP: A Time-Series Modeling Approach Using Hybrid GA and LSTM for Financial Distress Prediction. **2023**, 11, 38	0
5	A deep learning approach to improve built asset operations and disaster management in critical events: an integrative simulation model for quicker decision making.	0
4	A k-mer based metaheuristic approach for detecting COVID-19 variants. **2023**, 14, 17-26	0
3	E-Commerce Enterprises Financial Risk Prediction Based on FA-PSO-LSTM Neural Network Deep Learning Model. **2023**, 15, 5882	0
2	Power of kernel functions, its benefits, and limitations. **2023**,	0
1	Laplacian generalized elastic net Lp-norm nonparallel support vector machine for semi-supervised classification.	0