# Pei-Chann Chang

## List of Publications by Citations



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|---|---|---|---|
| 174 papers | 4,951 citations | 42 h-index | 63 g-index |
| 189 ext. papers | 5,643 ext. citations | 5.4 avg, IF | 5.94 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 174 | Kernel Sparse Representation-Based Classifier. *IEEE Transactions on Signal Processing*, **2012**, 60, 1684-1695 | 4.8 | 250 |
| 173 | A TSK type fuzzy rule based system for stock price prediction. *Expert Systems With Applications*, **2008**, 34, 135-144 | 7.8 | 200 |
| 172 | One-machine rescheduling heuristics with efficiency and stability as criteria. *Computers and Operations Research*, **1993**, 20, 1-14 | 4.6 | 178 |
| 171 | A hybrid model combining case-based reasoning and fuzzy decision tree for medical data classification. *Applied Soft Computing Journal*, **2011**, 11, 632-644 | 7.5 | 132 |
| 170 | Fuzzy Delphi and back-propagation model for sales forecasting in PCB industry. *Expert Systems With Applications*, **2006**, 30, 715-726 | 7.8 | 120 |
| 169 | Monthly electricity demand forecasting based on a weighted evolving fuzzy neural network approach. *International Journal of Electrical Power and Energy Systems*, **2011**, 33, 17-27 | 5.1 | 110 |
| 168 | Combining SOM and fuzzy rule base for flow time prediction in semiconductor manufacturing factory. *Applied Soft Computing Journal*, **2006**, 6, 198-206 | 7.5 | 102 |
| 167 | A neural network with a case based dynamic window for stock trading prediction. *Expert Systems With Applications*, **2009**, 36, 6889-6898 | 7.8 | 101 |
| 166 | Evolving fuzzy rules for due-date assignment problem in semiconductor manufacturing factory. *Journal of Intelligent Manufacturing*, **2005**, 16, 549-557 | 6.7 | 94 |
| 165 | Evolving and clustering fuzzy decision tree for financial time series data forecasting. *Expert Systems With Applications*, **2009**, 36, 3761-3773 | 7.8 | 92 |
| 164 | Two-phase sub population genetic algorithm for parallel machine-scheduling problem. *Expert Systems With Applications*, **2005**, 29, 705-712 | 7.8 | 86 |
| 163 | Using a contextual entropy model to expand emotion words and their intensity for the sentiment classification of stock market news. *Knowledge-Based Systems*, **2013**, 41, 89-97 | 7.3 | 79 |
| 162 | Myocardial infarction classification with multi-lead ECG using hidden Markov models and Gaussian mixture models. *Applied Soft Computing Journal*, **2012**, 12, 3165-3175 | 7.5 | 77 |
| 161 | Sub-population genetic algorithm with mining gene structures for multiobjective flowshop scheduling problems. *Expert Systems With Applications*, **2007**, 33, 762-771 | 7.8 | 77 |
| 160 | A fuzzy case-based reasoning model for sales forecasting in print circuit board industries. *Expert Systems With Applications*, **2008**, 34, 2049-2058 | 7.8 | 76 |
| 159 | The development of gradual-priority weighting approach for the multi-objective flowshop scheduling problem. *International Journal of Production Economics*, **2002**, 79, 171-183 | 9.3 | 75 |
| 158 | Data clustering and fuzzy neural network for sales forecasting: A case study in printed circuit board industry. *Knowledge-Based Systems*, **2009**, 22, 344-355 | 7.3 | 74 |

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| 157 | A Hybrid System Integrating a Wavelet and TSK Fuzzy Rules for Stock Price Forecasting. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2008**, 38, 802-815 | | 70 |
| 156 | Simultaneous dock assignment and sequencing of inbound trucks under a fixed outbound truck schedule in multi-door cross docking operations. *International Journal of Production Economics*, **2013**, 141, 212-229 | 9.3 | 67 |
| 155 | A novel model by evolving partially connected neural network for stock price trend forecasting. *Expert Systems With Applications*, **2012**, 39, 611-620 | 7.8 | 65 |
| 154 | A hybrid electromagnetism-like algorithm for single machine scheduling problem. *Expert Systems With Applications*, **2009**, 36, 1259-1267 | 7.8 | 65 |
| 153 | A hybrid model by clustering and evolving fuzzy rules for sales decision supports in printed circuit board industry. *Decision Support Systems*, **2006**, 42, 1254-1269 | 5.6 | 65 |
| 152 | Integrating a Piecewise Linear Representation Method and a Neural Network Model for Stock Trading Points Prediction. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2009**, 39, 80-92 | | 64 |
| 151 | Iterated time series prediction with multiple support vector regression models. *Neurocomputing*, **2013**, 99, 411-422 | 5.4 | 63 |
| 150 | Evolving neural network for printed circuit board sales forecasting. *Expert Systems With Applications*, **2005**, 29, 83-92 | 7.8 | 62 |
| 149 | A hybrid system combining self-organizing maps with case-based reasoning in wholesaler's new-release book forecasting. *Expert Systems With Applications*, **2005**, 29, 183-192 | 7.8 | 62 |
| 148 | The development of a weighted evolving fuzzy neural network for PCB sales forecasting. *Expert Systems With Applications*, **2007**, 32, 86-96 | 7.8 | 59 |
| 147 | Two hybrid differential evolution algorithms for optimal inbound and outbound truck sequencing in cross docking operations. *Applied Soft Computing Journal*, **2012**, 12, 3683-3697 | 7.5 | 56 |
| 146 | Adaptive multi-objective genetic algorithms for scheduling of drilling operation in printed circuit board industry. *Applied Soft Computing Journal*, **2007**, 7, 800-806 | 7.5 | 56 |
| 145 | Production planning optimization for manufacturing and remanufacturing system in stochastic environment. *Journal of Intelligent Manufacturing*, **2013**, 24, 717-728 | 6.7 | 53 |
| 144 | A block recombination approach to solve green vehicle routing problem. *International Journal of Production Economics*, **2015**, 164, 379-387 | 9.3 | 52 |
| 143 | A hybrid genetic algorithm to minimize makespan for the single batch machine dynamic scheduling problem. *International Journal of Advanced Manufacturing Technology*, **2006**, 31, 350-359 | 3.2 | 50 |
| 142 | A Self-guided Genetic Algorithm for permutation flowshop scheduling problems. *Computers and Operations Research*, **2012**, 39, 1450-1457 | 4.6 | 49 |
| 141 | Integrating dominance properties with genetic algorithms for parallel machine scheduling problems with setup times. *Applied Soft Computing Journal*, **2011**, 11, 1263-1274 | 7.5 | 49 |
| 140 | A patent quality analysis and classification system using self-organizing maps with support vector machine. *Applied Soft Computing Journal*, **2016**, 41, 305-316 | 7.5 | 48 |

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| 139 | A Takagi–Sugeno fuzzy model combined with a support vector regression for stock trading forecasting. *Applied Soft Computing Journal*, **2016**, 38, 831-842 | 7.5 | 48 |
| 138 | Dynamic diversity control in genetic algorithm for mining unsearched solution space in TSP problems. *Expert Systems With Applications*, **2010**, 37, 1863-1878 | 7.8 | 46 |
| 137 | The development of a sub-population genetic algorithm II (SPGA II) for multi-objective combinatorial problems. *Applied Soft Computing Journal*, **2009**, 9, 173-181 | 7.5 | 45 |
| 136 | A hybrid system by evolving case-based reasoning with genetic algorithm in wholesaler's returning book forecasting. *Decision Support Systems*, **2006**, 42, 1715-1729 | 5.6 | 45 |
| 135 | A population-based incremental learning approach with artificial immune system for network intrusion detection. *Engineering Applications of Artificial Intelligence*, **2016**, 51, 171-181 | 7.2 | 44 |
| 134 | Applying artificial immune systems to collaborative filtering for movie recommendation. *Advanced Engineering Informatics*, **2015**, 29, 830-839 | 7.4 | 44 |
| 133 | Urban air quality forecasting based on multi-dimensional collaborative Support Vector Regression (SVR): A case study of Beijing-Tianjin-Shijiazhuang. *PLoS ONE*, **2017**, 12, e0179763 | 3.7 | 42 |
| 132 | A case-based expert support system for due-date assignment in a wafer fabrication factory. *Journal of Intelligent Manufacturing*, **2003**, 14, 287-296 | 6.7 | 42 |
| 131 | Density-based microaggregation for statistical disclosure control. *Expert Systems With Applications*, **2010**, 37, 3256-3263 | 7.8 | 41 |
| 130 | An attribute weight assignment and particle swarm optimization algorithm for medical database classifications. *Computer Methods and Programs in Biomedicine*, **2012**, 107, 382-92 | 6.9 | 40 |
| 129 | A CBR-based fuzzy decision tree approach for database classification. *Expert Systems With Applications*, **2010**, 37, 214-225 | 7.8 | 40 |
| 128 | Development of a cloud-based service framework for energy conservation in a sustainable intelligent transportation system. *International Journal of Production Economics*, **2015**, 164, 454-461 | 9.3 | 39 |
| 127 | Mining gene structures to inject artificial chromosomes for genetic algorithm in single machine scheduling problems. *Applied Soft Computing Journal*, **2008**, 8, 767-777 | 7.5 | 39 |
| 126 | A dynamic threshold decision system for stock trading signal detection. *Applied Soft Computing Journal*, **2011**, 11, 3998-4010 | 7.5 | 38 |
| 125 | Extended artificial chromosomes genetic algorithm for permutation flowshop scheduling problems. *Computers and Industrial Engineering*, **2012**, 62, 536-545 | 6.4 | 36 |
| 124 | Genetic algorithm integrated with artificial chromosomes for multi-objective flowshop scheduling problems. *Applied Mathematics and Computation*, **2008**, 205, 550-561 | 2.7 | 36 |
| 123 | A multi-objective artificial bee colony algorithm for parallel batch-processing machine scheduling in fabric dyeing processes. *Knowledge-Based Systems*, **2017**, 116, 114-129 | 7.3 | 35 |
| 122 | A Case-Based Reasoning Approach for Due-Date Assignment in a Wafer Fabrication Factory. *Lecture Notes in Computer Science*, **2001**, 648-659 | 0.9 | 34 |

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| 121 | A Hybrid Course Recommendation System by Integrating Collaborative Filtering and Artificial Immune Systems. *Algorithms*, **2016**, 9, 47 | 1.8 | 33 |
| 120 | Guidelines for developing effective Estimation of Distribution Algorithms in solving single machine scheduling problems. *Expert Systems With Applications*, **2010**, 37, 6441-6451 | 7.8 | 32 |
| 119 | A note on due-date assignment and single machine scheduling with a learning/aging effect. *International Journal of Production Economics*, **2009**, 117, 142-149 | 9.3 | 31 |
| 118 | Impacts of forecast, inventory policy, and lead time on supply chain inventory? A numerical study. *International Journal of Production Economics*, **2010**, 128, 527-537 | 9.3 | 30 |
| 117 | A multiple time series-based recurrent neural network for short-term load forecasting. *Soft Computing*, **2018**, 22, 4099-4112 | 3.5 | 29 |
| 116 | Forecasting of manufacturing cost in mobile phone products by case-based reasoning and artificial neural network models. *Journal of Intelligent Manufacturing*, **2012**, 23, 517-531 | 6.7 | 29 |
| 115 | An intelligent stock trading system using comprehensive features. *Applied Soft Computing Journal*, **2014**, 23, 39-50 | 7.5 | 27 |
| 114 | A comparison of five hybrid metaheuristic algorithms for unrelated parallel-machine scheduling and inbound trucks sequencing in multi-door cross docking systems. *Applied Soft Computing Journal* , **2014**, 21, 180-193 | 7.5 | 27 |
| 113 | Trend discovery in financial time series data using a case based fuzzy decision tree. *Expert Systems With Applications*, **2011**, 38, 6070-6080 | 7.8 | 27 |
| 112 | A system dynamics modeling approach for a military weapon maintenance supply system. *International Journal of Production Economics*, **2010**, 128, 457-469 | 9.3 | 26 |
| 111 | A heuristic to minimize a quadratic function of job lateness on a single machine. *International Journal of Production Economics*, **1998**, 55, 169-175 | 9.3 | 25 |
| 110 | A case-based evolutionary model for defect classification of printed circuit board images. *Journal of Intelligent Manufacturing*, **2008**, 19, 203-214 | 6.7 | 25 |
| 109 | A heuristic for a batch processing machine scheduled to minimise total completion time with non-identical job sizes. *International Journal of Advanced Manufacturing Technology*, **2004**, 24, 615-620 | 3.2 | 25 |
| 108 | A novel complex network community detection approach using discrete particle swarm optimization with particle diversity and mutation. *Applied Soft Computing Journal*, **2019**, 81, 105476 | 7.5 | 24 |
| 107 | A block mining and re-combination enhanced genetic algorithm for the permutation flowshop scheduling problem. *International Journal of Production Economics*, **2013**, 141, 45-55 | 9.3 | 24 |
| 106 | Scheduling of drilling operations in printed circuit board factory?. *Computers and Industrial Engineering*, **2003**, 44, 461-473 | 6.4 | 24 |
| 105 | Local search enhanced multi-objective PSO algorithm for scheduling textile production processes with environmental considerations. *Applied Soft Computing Journal*, **2017**, 61, 447-467 | 7.5 | 23 |
| 104 | AN INVESTIGATION OF THE HYBRID FORECASTING MODELS FOR STOCK PRICE VARIATION IN TAIWAN. *Journal of the Chinese Institute of Industrial Engineers*, **2004**, 21, 358-368 | | 23 |

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| 103 | An adaptive genetic clustering method for exploratory mining of feature vector and time series data. *International Journal of Production Research*, **2006**, 44, 2731-2748 | 7.8 | 21 |
| 102 | A genetic algorithm for the multi-objective optimization of mixed-model assembly line based on the mental workload. *Engineering Applications of Artificial Intelligence*, **2016**, 47, 140-146 | 7.2 | 20 |
| 101 | A Pareto block-based estimation and distribution algorithm for multi-objective permutation flow shop scheduling problem. *International Journal of Production Research*, **2015**, 53, 793-834 | 7.8 | 20 |
| 100 | A Hybrid Territory Defined evolutionary algorithm approach for closed loop green supply chain network design. *Computers and Industrial Engineering*, **2016**, 99, 432-447 | 6.4 | 20 |
| 99 | A hybrid genetic algorithm for the job shop scheduling problem with practical considerations for manufacturing costs: Investigations motivated by vehicle production. *International Journal of Production Economics*, **2013**, 145, 38-52 | 9.3 | 20 |
| 98 | Genetic algorithms applied in BOPP film scheduling problems: minimizing total absolute deviation and setup times. *Applied Soft Computing Journal*, **2003**, 3, 139-148 | 7.5 | 19 |
| 97 | An optimization model for a monopolistic firm serving an environmentally conscious market: Use of chemical reaction optimization algorithm. *International Journal of Production Economics*, **2015**, 164, 409-420 | 9.3 | 18 |
| 96 | Ambulance 12-lead electrocardiography transmission via cell phone technology to cardiologists. *Telemedicine Journal and E-Health*, **2010**, 16, 910-5 | 5.9 | 17 |
| 95 | Generating artificial chromosomes with probability control in genetic algorithm for machine scheduling problems. *Annals of Operations Research*, **2010**, 180, 197-211 | 3.2 | 17 |
| 94 | A case-injected genetic algorithm for single machine scheduling problems with release time. *International Journal of Production Economics*, **2006**, 103, 551-564 | 9.3 | 17 |
| 93 | Parametric prediction on default risk of Chinese listed tourism companies by using random oversampling, isomap, and locally linear embeddings on imbalanced samples. *International Journal of Hospitality Management*, **2013**, 35, 141-151 | 8.3 | 16 |
| 92 | A hybrid genetic-immune algorithm with improved lifespan and elite antigen for flow-shop scheduling problems. *International Journal of Production Research*, **2011**, 49, 5207-5230 | 7.8 | 16 |
| 91 | A hybrid genetic algorithm with dominance properties for single machine scheduling with dependent penalties. *Applied Mathematical Modelling*, **2009**, 33, 579-596 | 4.5 | 16 |
| 90 | Bike sharing demand prediction using artificial immune system and artificial neural network. *Soft Computing*, **2019**, 23, 613-626 | 3.5 | 16 |
| 89 | A fuzzy neural network for the flow time estimation in a semiconductor manufacturing factory. *International Journal of Production Research*, **2008**, 46, 1017-1029 | 7.8 | 15 |
| 88 | A simulated annealing approach with probability matrix for semiconductor dynamic scheduling problem. *Expert Systems With Applications*, **2008**, 35, 1889-1898 | 7.8 | 15 |
| 87 | A linkage mining in block-based evolutionary algorithm for permutation flowshop scheduling problem. *Computers and Industrial Engineering*, **2015**, 83, 159-171 | 6.4 | 14 |
| 86 | A block based estimation of distribution algorithm using bivariate model for scheduling problems. *Soft Computing*, **2014**, 18, 1177-1188 | 3.5 | 14 |

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| 85 | A block-based evolutionary algorithm for flow-shop scheduling problem. *Applied Soft Computing Journal*, **2013**, 13, 4536-4547 | 7.5 | 14 |
| 84 | Artificial chromosomes embedded in genetic algorithm for a chip resistor scheduling problem in minimizing the makespan. *Expert Systems With Applications*, **2009**, 36, 7135-7141 | 7.8 | 14 |
| 83 | Harnessing consumer reviews for marketing intelligence: a domain-adapted sentiment classification approach. *Information Systems and E-Business Management*, **2015**, 13, 403-419 | 2.6 | 13 |
| 82 | A self-evolving artificial immune system II with T-cell and B-cell for permutation flow-shop problem. *Journal of Intelligent Manufacturing*, **2014**, 25, 1257-1270 | 6.7 | 13 |
| 81 | A Global Archive Sub-Population Genetic Algorithm with Adaptive Strategy in Multi-objective Parallel-Machine Scheduling Problem. *Lecture Notes in Computer Science*, **2006**, 730-739 | 0.9 | 13 |
| 80 | A Trend-Based Segmentation Method and the Support Vector Regression for Financial Time Series Forecasting. *Mathematical Problems in Engineering*, **2012**, 2012, 1-20 | 1.1 | 12 |
| 79 | The dynamic financial distress prediction method of EBW-VSTW-SVM. *Enterprise Information Systems*, **2016**, 10, 611-638 | 3.5 | 11 |
| 78 | Assessment approach to stage of lean transformation cycle based on fuzzy nearness degree and TOPSIS. *International Journal of Production Research*, **2017**, 55, 7223-7235 | 7.8 | 11 |
| 77 | A critical feature extraction by kernel PCA in stock trading model. *Soft Computing*, **2015**, 19, 1393-1408 | 3.5 | 11 |
| 76 | Scheduling n jobs on one machine to minimize the maximum lateness with a minimum number of tardy jobs. *Computers and Industrial Engineering*, **2001**, 40, 349-360 | 6.4 | 11 |
| 75 | Imperial competitive algorithm with policy learning for the traveling salesman problem. *Soft Computing*, **2017**, 21, 1863-1875 | 3.5 | 10 |
| 74 | Developing a varietal GA with ESMA strategy for solving the pick and place problem in printed circuit board assembly line. *Journal of Intelligent Manufacturing*, **2012**, 23, 1589-1602 | 6.7 | 10 |
| 73 | Single-machine scheduling with past-sequence-dependent setup times and learning effects: a parametric analysis. *International Journal of Systems Science*, **2011**, 42, 2097-2102 | 2.3 | 10 |
| 72 | A highly optimised tolerance-based approach for multi-stage, multi-product supply chain network design. *International Journal of Production Research*, **2012**, 50, 5430-5444 | 7.8 | 10 |
| 71 | Generalized nonlinear discriminant analysis and its small sample size problems. *Neurocomputing*, **2011**, 74, 568-574 | 5.4 | 9 |
| 70 | Evolving CBR and data segmentation by SOM for flow time prediction in semiconductor manufacturing factory. *Journal of Intelligent Manufacturing*, **2009**, 20, 421-429 | 6.7 | 9 |
| 69 | The application of VIKOR for the tool selection in lean management. *Journal of Intelligent Manufacturing*, **2019**, 30, 2901-2912 | 6.7 | 9 |
| 68 | A novel ensemble decision tree based on under-sampling and clonal selection for web spam detection. *Pattern Analysis and Applications*, **2018**, 21, 741-754 | 2.3 | 8 |

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| 67 | A greedy heuristic for bicriterion single machine scheduling problems. *Computers and Industrial Engineering*, **1992**, 22, 121-131 | 6.4 | 8 |
| 66 | An Ensemble of Neural Networks for Stock Trading Decision Making. *Lecture Notes in Computer Science*, **2009**, 1-10 | 0.9 | 8 |
| 65 | Detecting causality from online psychiatric texts using inter-sentential language patterns. *BMC Medical Informatics and Decision Making*, **2012**, 12, 72 | 3.6 | 7 |
| 64 | A HYBRID FORWARD/BACKWARD APPROACH FOR SINGLE BATCH SCHEDULING PROBLEMS WITH NON-IDENTICAL JOB SIZES. *Journal of the Chinese Institute of Industrial Engineers*, **2007**, 24, 191-199 | | 7 |
| 63 | Multiple parents crossover operators: A new approach removes the overlapping solutions for sequencing problems. *Applied Mathematical Modelling*, **2013**, 37, 2737-2746 | 4.5 | 6 |
| 62 | A Puzzle-Based Genetic Algorithm with Block Mining and Recombination Heuristic for the Traveling Salesman Problem. *Journal of Computer Science and Technology*, **2012**, 27, 937-949 | 1.7 | 6 |
| 61 | A Hybrid Genetic-Immune Algorithm with Improved Offsprings and Elitist Antigen for Flow-Shop Scheduling Problems **2009**, | | 6 |
| 60 | Bi-criteria single machine scheduling problem with a learning effect: AnejaNair method to obtain the set of optimal sequences. *Computers and Mathematics With Applications*, **2009**, 58, 39-47 | 2.7 | 6 |
| 59 | A hybrid regulation system by evolving CBR with GA for a twin laser measuring system. *International Journal of Advanced Manufacturing Technology*, **2007**, 31, 1156-1168 | 3.2 | 6 |
| 58 | A state-space search approach for parallel processor scheduling problems with arbitrary precedence relations. *European Journal of Operational Research*, **1994**, 77, 208-223 | 5.6 | 6 |
| 57 | Fuzzy Back-Propagation Network for PCB Sales Forecasting. *Lecture Notes in Computer Science*, **2005**, 364-373 | 0.9 | 6 |
| 56 | Combining SOM and GA-CBR for Flow Time Prediction in Semiconductor Manufacturing Factory. *Lecture Notes in Computer Science*, **2006**, 767-775 | 0.9 | 6 |
| 55 | Application of artificial immune systems combines collaborative filtering in movie recommendation system **2014**, | | 5 |
| 54 | A two-stage AIS approach for grid scheduling problems. *International Journal of Production Research*, **2012**, 50, 2665-2680 | 7.8 | 5 |
| 53 | EA/G-GA for Single Machine Scheduling Problems with Earliness/Tardiness Costs. *Entropy*, **2011**, 13, 1152-1169 | 2.1 | 5 |
| 52 | Minimizing a nonlinear function under a fuzzy max-t-norm relational equation constraint. *Expert Systems With Applications*, **2009**, 36, 11633-11640 | 7.8 | 5 |
| 51 | Comparison of microaggregation approaches on anonymized data quality. *Expert Systems With Applications*, **2010**, 37, 8161-8165 | 7.8 | 5 |
| 50 | A Hybrid Electromagnetism-Like Algorithm for Single Machine Scheduling Problem. *Lecture Notes in Computer Science*, **2007**, 543-552 | 0.9 | 5 |

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| 49 | Myocardial Infarction Classification by Morphological Feature Extraction from Big 12-Lead ECG Data. *Lecture Notes in Computer Science*, **2014**, 689-699 | 0.9 | 5 |
| 48 | A patent quality classification model based on an artificial immune system. *Soft Computing*, **2017**, 21, 2847-2856 | 3.5 | 4 |
| 47 | Restructuring performance prediction with a rebalanced and clustered support vector machine. *Journal of Forecasting*, **2018**, 37, 437-456 | 2.1 | 4 |
| 46 | Memes co-evolution strategies for fast convergence in solving single machine scheduling problems. *International Journal of Production Research*, **2012**, 50, 7357-7377 | 7.8 | 4 |
| 45 | Integrating a Piecewise Linear Representation Method with Dynamic Time Warping System for Stock Trading Decision Making **2008**, | | 4 |
| 44 | Dynamic Diversity Control in Genetic Algorithm for Extended Exploration of Solution Space in Multi-Objective TSP **2008**, | | 4 |
| 43 | New Operators for Faster Convergence and Better Solution Quality in Modified Genetic Algorithm. *Lecture Notes in Computer Science*, **2005**, 983-991 | 0.9 | 4 |
| 42 | A hybrid edge recombination approach to solve price collecting vehicle routing problem **2015**, | | 3 |
| 41 | A hybrid two-stage sweep algorithm for capacitated vehicle routing problem **2015**, | | 3 |
| 40 | A Varietal Genetic Algorithm by External Self-Evolving Multiple-Archives for Combinatorial Optimization Problems **2009**, | | 3 |
| 39 | A two-phase genetic-immune algorithm with improved survival strategy of lifespan for flow-shop scheduling problems **2009**, | | 3 |
| 38 | Emotion classification by removal of the overlap from incremental association language features **2011**, 34, 947-955 | | 3 |
| 37 | A Hybrid System with Hidden Markov Models and Gaussian Mixture Models for Myocardial Infarction Classification with 12-Lead ECGs **2009**, | | 3 |
| 36 | A Weighted Evolving Fuzzy Neural Network for Electricity Demand Forecasting **2009**, | | 3 |
| 35 | New challenges and opportunities in flexible and robust supply chain forecasting systems. *International Journal of Production Economics*, **2010**, 128, 453-456 | 9.3 | 3 |
| 34 | Financial Time Series Data Forecasting by Wavelet and TSK Fuzzy Rule Based System **2007**, | | 3 |
| 33 | Regression trees approach for flow-time prediction in wafer manufacturing processes using constraint-based genetic algorithm. *International Journal of Production Research*, **2006**, 44, 5327-5341 | 7.8 | 3 |
| 32 | APPLYING ASSOCIATION-RULE TECHNIQUES AND ARTIFICIAL NEURAL NETWORKS TO PRODUCT DEVELOPMENT. *Journal of the Chinese Institute of Industrial Engineers*, **2003**, 20, 101-112 | | 3 |

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| 31 | Combining SOM and Fuzzy Rule Base for Sale Forecasting in Printed Circuit Board Industry. *Lecture Notes in Computer Science*, **2005**, 947-954 | 0.9 | 3 |
| 30 | APPLICATION OF GENETIC ALGORITHM TO THE UNRELATED PARALLEL MACHINE SCHEDULING PROBLEM. *Journal of the Chinese Institute of Industrial Engineers*, **2002**, 19, 79-95 | | 3 |
| 29 | Atrial Fibrillation Analysis Based on Blind Source Separation in 12-Lead ECG Data. *Lecture Notes in Computer Science*, **2010**, 286-295 | 0.9 | 3 |
| 28 | A Prediction System for Bike Sharing Using Artificial Immune System with Regression Trees **2015**, | | 2 |
| 27 | Evolving Neural Network with Dynamic Time Warping and Piecewise Linear Representation System for Stock Trading Decision Making **2009**, | | 2 |
| 26 | Dynamic diversity control by injecting artificial chromosomes for solving TSP problems **2008**, | | 2 |
| 25 | A Case Based Clustering-Based TSK Fuzzy Rule Systems for Stock Price Forecasting **2008**, | | 2 |
| 24 | Data Clustering and Evolving Fuzzy Decision Tree for Data Base Classification Problems. *Communications in Computer and Information Science*, **2008**, 463-470 | 0.3 | 2 |
| 23 | STUDY ON THE COMPETITIVENESS INDICES OF TAIWAN'S DEPARTMENT STORES. *Journal of the Chinese Institute of Industrial Engineers*, **2007**, 24, 414-427 | | 2 |
| 22 | An evolutionary regulation algorithm for the twin laser measuring system. *Journal of Intelligent Manufacturing*, **2006**, 17, 545-556 | 6.7 | 2 |
| 21 | ON SINGLE-MACHINE SCHEDULING WITH RELEASE TIMES TO MINIMIZE TOTAL WEIGHTED COMPLETION TIME. *Journal of the Chinese Institute of Industrial Engineers*, **2004**, 21, 567-575 | | 2 |
| 20 | Dynamic Scheduling Problem of Batch Processing Machine in Semiconductor Burn-in Operations. *Lecture Notes in Computer Science*, **2005**, 172-181 | 0.9 | 2 |
| 19 | Self-Guided Genetic Algorithm. *Lecture Notes in Computer Science*, **2008**, 292-299 | 0.9 | 2 |
| 18 | Use the Grid to Analyze the Influential Factors on Marine Accidents. *Lecture Notes in Electrical Engineering*, **2014**, 867-874 | 0.2 | 2 |
| 17 | Application of a Case Base Reasoning Based Support Vector Machine for Financial Time Series Data Forecasting. *Lecture Notes in Computer Science*, **2009**, 294-304 | 0.9 | 2 |
| 16 | Artificial immune network with feature selection for bank term deposit recommendation. *Journal of Intelligent Information Systems*, **2016**, 47, 267-285 | 2.1 | 2 |
| 15 | Differential evolutionary algorithms with novel mutation operator for solving the permutation flowshop scheduling problem **2015**, | | 1 |
| 14 | The stability analysis for a novel feedback neural network with partial connection. *Neurocomputing*, **2013**, 116, 22-29 | 5.4 | 1 |

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| 13 | DATABASE CLASSIFICATION BY INTEGRATING A CASE-BASED REASONING AND SUPPORT VECTOR MACHINE FOR INDUCTION. *Journal of Circuits, Systems and Computers*, **2010**, 19, 31-44 | 0.9 | 1 |
| 12 | A Puzzle-Based Artificial Chromosome Genetic Algorithm for the Traveling Salesman Problem **2011**, | | 1 |
| 11 | Consistent data operations for multi-databases in extended possibility-based data models. *Expert Systems With Applications*, **2009**, 36, 6174-6180 | 7.8 | 1 |
| 10 | A System Dynamics Simulation Approach for Military Supply Chain Management **2007**, | | 1 |
| 9 | The Development of a Weighted Evolving Fuzzy Neural Network. *Lecture Notes in Computer Science*, **2006**, 212-221 | 0.9 | 1 |
| 8 | APPLICATION OF DATA MINING TO CUSTOMER RELATIONSHIP MANAGEMENT□THE CASE OF COSMETICS. *Journal of the Chinese Institute of Industrial Engineers*, **2002**, 19, 45-59 | | 1 |
| 7 | A Fuzzy Multiple Criteria Decision Making Model for Selecting the Distribution Center Location in China: A Taiwanese Manufacturer□ Perspective. *Lecture Notes in Computer Science*, **2009**, 140-148 | 0.9 | 1 |
| 6 | A Partially Connected Neural Evolutionary Network for Stock Price Index Forecasting. *Lecture Notes in Computer Science*, **2012**, 14-19 | 0.9 | 1 |
| 5 | AN INVESTIGATION OF PAPER CUTTING PROBLEM BY DYNAMIC PROGRAMMING AND HEURISTIC APPROACHES. *Journal of the Chinese Institute of Industrial Engineers*, **2005**, 22, 463-472 | | |
| 4 | ??????????????????????. *Journal of the Chinese Institute of Industrial Engineers*, **1999**, 16, 433-441 | | |
| 3 | Sales Forecasting for TFT-LCD Products with a Hybrid Neural Network Model **2007**, 704-713 | | |
| 2 | Evolving Case-Based Reasoning with Genetic Algorithm in Wholesaler□ Returning Book Forecasting. *Lecture Notes in Computer Science*, **2005**, 205-214 | 0.9 | |
| 1 | Intelligent Decision Model of House Evaluation. *Lecture Notes in Electrical Engineering*, **2014**, 421-427 | 0.2 | |