

# Pei-Chann Chang

## List of Publications by Year in Descending Order

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

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	A novel complex network community detection approach using discrete particle swarm optimization with particle diversity and mutation. <i>Applied Soft Computing Journal</i> , <b>2019</b> , 81, 105476	7.5	24
173	The application of VIKOR for the tool selection in lean management. <i>Journal of Intelligent Manufacturing</i> , <b>2019</b> , 30, 2901-2912	6.7	9
172	Bike sharing demand prediction using artificial immune system and artificial neural network. <i>Soft Computing</i> , <b>2019</b> , 23, 613-626	3.5	16
171	Restructuring performance prediction with a rebalanced and clustered support vector machine. <i>Journal of Forecasting</i> , <b>2018</b> , 37, 437-456	2.1	4
170	A multiple time series-based recurrent neural network for short-term load forecasting. <i>Soft Computing</i> , <b>2018</b> , 22, 4099-4112	3.5	29
169	A novel ensemble decision tree based on under-sampling and clonal selection for web spam detection. <i>Pattern Analysis and Applications</i> , <b>2018</b> , 21, 741-754	2.3	8
168	Imperial competitive algorithm with policy learning for the traveling salesman problem. <i>Soft Computing</i> , <b>2017</b> , 21, 1863-1875	3.5	10
167	A patent quality classification model based on an artificial immune system. <i>Soft Computing</i> , <b>2017</b> , 21, 2847-2856	3.5	4
166	Urban air quality forecasting based on multi-dimensional collaborative Support Vector Regression (SVR): A case study of Beijing-Tianjin-Shijiazhuang. <i>PLoS ONE</i> , <b>2017</b> , 12, e0179763	3.7	42
165	Assessment approach to stage of lean transformation cycle based on fuzzy nearness degree and TOPSIS. <i>International Journal of Production Research</i> , <b>2017</b> , 55, 7223-7235	7.8	11
164	Local search enhanced multi-objective PSO algorithm for scheduling textile production processes with environmental considerations. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 61, 447-467	7.5	23
163	A multi-objective artificial bee colony algorithm for parallel batch-processing machine scheduling in fabric dyeing processes. <i>Knowledge-Based Systems</i> , <b>2017</b> , 116, 114-129	7.3	35
162	A genetic algorithm for the multi-objective optimization of mixed-model assembly line based on the mental workload. <i>Engineering Applications of Artificial Intelligence</i> , <b>2016</b> , 47, 140-146	7.2	20
161	A Hybrid Territory Defined evolutionary algorithm approach for closed loop green supply chain network design. <i>Computers and Industrial Engineering</i> , <b>2016</b> , 99, 432-447	6.4	20
160	The dynamic financial distress prediction method of EBW-VSTW-SVM. <i>Enterprise Information Systems</i> , <b>2016</b> , 10, 611-638	3.5	11
159	A population-based incremental learning approach with artificial immune system for network intrusion detection. <i>Engineering Applications of Artificial Intelligence</i> , <b>2016</b> , 51, 171-181	7.2	44
158	A patent quality analysis and classification system using self-organizing maps with support vector machine. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 41, 305-316	7.5	48

157	A Takagi-Flugeno fuzzy model combined with a support vector regression for stock trading forecasting. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 38, 831-842	7.5	48
156	A Hybrid Course Recommendation System by Integrating Collaborative Filtering and Artificial Immune Systems. <i>Algorithms</i> , <b>2016</b> , 9, 47	1.8	33
155	Artificial immune network with feature selection for bank term deposit recommendation. <i>Journal of Intelligent Information Systems</i> , <b>2016</b> , 47, 267-285	2.1	2
154	An optimization model for a monopolistic firm serving an environmentally conscious market: Use of chemical reaction optimization algorithm. <i>International Journal of Production Economics</i> , <b>2015</b> , 164, 409-420	8.3	18
153	A Pareto block-based estimation and distribution algorithm for multi-objective permutation flow shop scheduling problem. <i>International Journal of Production Research</i> , <b>2015</b> , 53, 793-834	7.8	20
152	A linkage mining in block-based evolutionary algorithm for permutation flowshop scheduling problem. <i>Computers and Industrial Engineering</i> , <b>2015</b> , 83, 159-171	6.4	14
151	A hybrid edge recombination approach to solve price collecting vehicle routing problem <b>2015</b> ,		3
150	A hybrid two-stage sweep algorithm for capacitated vehicle routing problem <b>2015</b> ,		3
149	Differential evolutionary algorithms with novel mutation operator for solving the permutation flowshop scheduling problem <b>2015</b> ,		1
148	A block recombination approach to solve green vehicle routing problem. <i>International Journal of Production Economics</i> , <b>2015</b> , 164, 379-387	9.3	52
147	Development of a cloud-based service framework for energy conservation in a sustainable intelligent transportation system. <i>International Journal of Production Economics</i> , <b>2015</b> , 164, 454-461	9.3	39
146	Applying artificial immune systems to collaborative filtering for movie recommendation. <i>Advanced Engineering Informatics</i> , <b>2015</b> , 29, 830-839	7.4	44
145	A Prediction System for Bike Sharing Using Artificial Immune System with Regression Trees <b>2015</b> ,		2
144	A critical feature extraction by kernel PCA in stock trading model. <i>Soft Computing</i> , <b>2015</b> , 19, 1393-1408	3.5	11
143	Harnessing consumer reviews for marketing intelligence: a domain-adapted sentiment classification approach. <i>Information Systems and E-Business Management</i> , <b>2015</b> , 13, 403-419	2.6	13
142	A block based estimation of distribution algorithm using bivariate model for scheduling problems. <i>Soft Computing</i> , <b>2014</b> , 18, 1177-1188	3.5	14
141	An intelligent stock trading system using comprehensive features. <i>Applied Soft Computing Journal</i> , <b>2014</b> , 23, 39-50	7.5	27
140	Application of artificial immune systems combines collaborative filtering in movie recommendation system <b>2014</b> ,		5

139	A self-evolving artificial immune system II with T-cell and B-cell for permutation flow-shop problem. <i>Journal of Intelligent Manufacturing</i> , <b>2014</b> , 25, 1257-1270	6.7	13
138	A comparison of five hybrid metaheuristic algorithms for unrelated parallel-machine scheduling and inbound trucks sequencing in multi-door cross docking systems. <i>Applied Soft Computing Journal</i> , <b>2014</b> , 21, 180-193	7.5	27
137	Use the Grid to Analyze the Influential Factors on Marine Accidents. <i>Lecture Notes in Electrical Engineering</i> , <b>2014</b> , 867-874	0.2	2
136	Intelligent Decision Model of House Evaluation. <i>Lecture Notes in Electrical Engineering</i> , <b>2014</b> , 421-427	0.2	
135	Myocardial Infarction Classification by Morphological Feature Extraction from Big 12-Lead ECG Data. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 689-699	0.9	5
134	Production planning optimization for manufacturing and remanufacturing system in stochastic environment. <i>Journal of Intelligent Manufacturing</i> , <b>2013</b> , 24, 717-728	6.7	53
133	A block mining and re-combination enhanced genetic algorithm for the permutation flowshop scheduling problem. <i>International Journal of Production Economics</i> , <b>2013</b> , 141, 45-55	9.3	24
132	Multiple parents crossover operators: A new approach removes the overlapping solutions for sequencing problems. <i>Applied Mathematical Modelling</i> , <b>2013</b> , 37, 2737-2746	4.5	6
131	A block-based evolutionary algorithm for flow-shop scheduling problem. <i>Applied Soft Computing Journal</i> , <b>2013</b> , 13, 4536-4547	7.5	14
130	Simultaneous dock assignment and sequencing of inbound trucks under a fixed outbound truck schedule in multi-door cross docking operations. <i>International Journal of Production Economics</i> , <b>2013</b> , 141, 212-229	9.3	67
129	Using a contextual entropy model to expand emotion words and their intensity for the sentiment classification of stock market news. <i>Knowledge-Based Systems</i> , <b>2013</b> , 41, 89-97	7.3	79
128	Parametric prediction on default risk of Chinese listed tourism companies by using random oversampling, isomap, and locally linear embeddings on imbalanced samples. <i>International Journal of Hospitality Management</i> , <b>2013</b> , 35, 141-151	8.3	16
127	A hybrid genetic algorithm for the job shop scheduling problem with practical considerations for manufacturing costs: Investigations motivated by vehicle production. <i>International Journal of Production Economics</i> , <b>2013</b> , 145, 38-52	9.3	20
126	Iterated time series prediction with multiple support vector regression models. <i>Neurocomputing</i> , <b>2013</b> , 99, 411-422	5.4	63
125	The stability analysis for a novel feedback neural network with partial connection. <i>Neurocomputing</i> , <b>2013</b> , 116, 22-29	5.4	1
124	A Self-guided Genetic Algorithm for permutation flowshop scheduling problems. <i>Computers and Operations Research</i> , <b>2012</b> , 39, 1450-1457	4.6	49
123	A novel model by evolving partially connected neural network for stock price trend forecasting. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 611-620	7.8	65
122	Developing a varietal GA with ESMA strategy for solving the pick and place problem in printed circuit board assembly line. <i>Journal of Intelligent Manufacturing</i> , <b>2012</b> , 23, 1589-1602	6.7	10

121	A Puzzle-Based Genetic Algorithm with Block Mining and Recombination Heuristic for the Traveling Salesman Problem. <i>Journal of Computer Science and Technology</i> , <b>2012</b> , 27, 937-949	1.7	6
120	Two hybrid differential evolution algorithms for optimal inbound and outbound truck sequencing in cross docking operations. <i>Applied Soft Computing Journal</i> , <b>2012</b> , 12, 3683-3697	7.5	56
119	Myocardial infarction classification with multi-lead ECG using hidden Markov models and Gaussian mixture models. <i>Applied Soft Computing Journal</i> , <b>2012</b> , 12, 3165-3175	7.5	77
118	A two-stage AIS approach for grid scheduling problems. <i>International Journal of Production Research</i> , <b>2012</b> , 50, 2665-2680	7.8	5
117	An attribute weight assignment and particle swarm optimization algorithm for medical database classifications. <i>Computer Methods and Programs in Biomedicine</i> , <b>2012</b> , 107, 382-92	6.9	40
116	Detecting causality from online psychiatric texts using inter-sentential language patterns. <i>BMC Medical Informatics and Decision Making</i> , <b>2012</b> , 12, 72	3.6	7
115	Kernel Sparse Representation-Based Classifier. <i>IEEE Transactions on Signal Processing</i> , <b>2012</b> , 60, 1684-1695	4.5	250
114	Forecasting of manufacturing cost in mobile phone products by case-based reasoning and artificial neural network models. <i>Journal of Intelligent Manufacturing</i> , <b>2012</b> , 23, 517-531	6.7	29
113	Extended artificial chromosomes genetic algorithm for permutation flowshop scheduling problems. <i>Computers and Industrial Engineering</i> , <b>2012</b> , 62, 536-545	6.4	36
112	A highly optimised tolerance-based approach for multi-stage, multi-product supply chain network design. <i>International Journal of Production Research</i> , <b>2012</b> , 50, 5430-5444	7.8	10
111	Memes co-evolution strategies for fast convergence in solving single machine scheduling problems. <i>International Journal of Production Research</i> , <b>2012</b> , 50, 7357-7377	7.8	4
110	A Trend-Based Segmentation Method and the Support Vector Regression for Financial Time Series Forecasting. <i>Mathematical Problems in Engineering</i> , <b>2012</b> , 2012, 1-20	1.1	12
109	A Partially Connected Neural Evolutionary Network for Stock Price Index Forecasting. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 14-19	0.9	1
108	Single-machine scheduling with past-sequence-dependent setup times and learning effects: a parametric analysis. <i>International Journal of Systems Science</i> , <b>2011</b> , 42, 2097-2102	2.3	10
107	EA/G-GA for Single Machine Scheduling Problems with Earliness/Tardiness Costs. <i>Entropy</i> , <b>2011</b> , 13, 1152-1169	2.8	5
106	Generalized nonlinear discriminant analysis and its small sample size problems. <i>Neurocomputing</i> , <b>2011</b> , 74, 568-574	5.4	9
105	A hybrid model combining case-based reasoning and fuzzy decision tree for medical data classification. <i>Applied Soft Computing Journal</i> , <b>2011</b> , 11, 632-644	7.5	132
104	Trend discovery in financial time series data using a case based fuzzy decision tree. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 6070-6080	7.8	27

103	A Puzzle-Based Artificial Chromosome Genetic Algorithm for the Traveling Salesman Problem <b>2011</b> ,		1
102	A hybrid genetic-immune algorithm with improved lifespan and elite antigen for flow-shop scheduling problems. <i>International Journal of Production Research</i> , <b>2011</b> , 49, 5207-5230	7.8	16
101	Integrating dominance properties with genetic algorithms for parallel machine scheduling problems with setup times. <i>Applied Soft Computing Journal</i> , <b>2011</b> , 11, 1263-1274	7.5	49
100	Monthly electricity demand forecasting based on a weighted evolving fuzzy neural network approach. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2011</b> , 33, 17-27	5.1	110
99	A dynamic threshold decision system for stock trading signal detection. <i>Applied Soft Computing Journal</i> , <b>2011</b> , 11, 3998-4010	7.5	38
98	Emotion classification by removal of the overlap from incremental association language features <b>2011</b> , 34, 947-955		3
97	Ambulance 12-lead electrocardiography transmission via cell phone technology to cardiologists. <i>Telemedicine Journal and E-Health</i> , <b>2010</b> , 16, 910-5	5.9	17
96	DATABASE CLASSIFICATION BY INTEGRATING A CASE-BASED REASONING AND SUPPORT VECTOR MACHINE FOR INDUCTION. <i>Journal of Circuits, Systems and Computers</i> , <b>2010</b> , 19, 31-44	0.9	1
95	Dynamic diversity control in genetic algorithm for mining unsearched solution space in TSP problems. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 1863-1878	7.8	46
94	Generating artificial chromosomes with probability control in genetic algorithm for machine scheduling problems. <i>Annals of Operations Research</i> , <b>2010</b> , 180, 197-211	3.2	17
93	Impacts of forecast, inventory policy, and lead time on supply chain inventory: A numerical study. <i>International Journal of Production Economics</i> , <b>2010</b> , 128, 527-537	9.3	30
92	A system dynamics modeling approach for a military weapon maintenance supply system. <i>International Journal of Production Economics</i> , <b>2010</b> , 128, 457-469	9.3	26
91	New challenges and opportunities in flexible and robust supply chain forecasting systems. <i>International Journal of Production Economics</i> , <b>2010</b> , 128, 453-456	9.3	3
90	Guidelines for developing effective Estimation of Distribution Algorithms in solving single machine scheduling problems. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 6441-6451	7.8	32
89	A CBR-based fuzzy decision tree approach for database classification. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 214-225	7.8	40
88	Density-based microaggregation for statistical disclosure control. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 3256-3263	7.8	41
87	Comparison of microaggregation approaches on anonymized data quality. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 8161-8165	7.8	5
86	Atrial Fibrillation Analysis Based on Blind Source Separation in 12-Lead ECG Data. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 286-295	0.9	3

85	A Varietal Genetic Algorithm by External Self-Evolving Multiple-Archives for Combinatorial Optimization Problems <b>2009</b> ,		3
84	A two-phase genetic-immune algorithm with improved survival strategy of lifespan for flow-shop scheduling problems <b>2009</b> ,		3
83	A Hybrid Genetic-Immune Algorithm with Improved Offsprings and Elitist Antigen for Flow-Shop Scheduling Problems <b>2009</b> ,		6
82	A hybrid electromagnetism-like algorithm for single machine scheduling problem. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 1259-1267	7.8	65
81	Consistent data operations for multi-databases in extended possibility-based data models. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 6174-6180	7.8	1
80	Artificial chromosomes embedded in genetic algorithm for a chip resistor scheduling problem in minimizing the makespan. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 7135-7141	7.8	14
79	Evolving CBR and data segmentation by SOM for flow time prediction in semiconductor manufacturing factory. <i>Journal of Intelligent Manufacturing</i> , <b>2009</b> , 20, 421-429	6.7	9
78	A note on due-date assignment and single machine scheduling with a learning/aging effect. <i>International Journal of Production Economics</i> , <b>2009</b> , 117, 142-149	9.3	31
77	A neural network with a case based dynamic window for stock trading prediction. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 6889-6898	7.8	101
76	Minimizing a nonlinear function under a fuzzy max-t-norm relational equation constraint. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 11633-11640	7.8	5
75	Data clustering and fuzzy neural network for sales forecasting: A case study in printed circuit board industry. <i>Knowledge-Based Systems</i> , <b>2009</b> , 22, 344-355	7.3	74
74	Evolving and clustering fuzzy decision tree for financial time series data forecasting. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 3761-3773	7.8	92
73	Bi-criteria single machine scheduling problem with a learning effect: Aneja-Nair method to obtain the set of optimal sequences. <i>Computers and Mathematics With Applications</i> , <b>2009</b> , 58, 39-47	2.7	6
72	A hybrid genetic algorithm with dominance properties for single machine scheduling with dependent penalties. <i>Applied Mathematical Modelling</i> , <b>2009</b> , 33, 579-596	4.5	16
71	The development of a sub-population genetic algorithm II (SPGA II) for multi-objective combinatorial problems. <i>Applied Soft Computing Journal</i> , <b>2009</b> , 9, 173-181	7.5	45
70	Integrating a Piecewise Linear Representation Method and a Neural Network Model for Stock Trading Points Prediction. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , <b>2009</b> , 39, 80-92		64
69	A Hybrid System with Hidden Markov Models and Gaussian Mixture Models for Myocardial Infarction Classification with 12-Lead ECGs <b>2009</b> ,		3
68	A Weighted Evolving Fuzzy Neural Network for Electricity Demand Forecasting <b>2009</b> ,		3



67	Evolving Neural Network with Dynamic Time Warping and Piecewise Linear Representation System for Stock Trading Decision Making <b>2009</b> ,		2
66	A Fuzzy Multiple Criteria Decision Making Model for Selecting the Distribution Center Location in China: A Taiwanese Manufacturer's Perspective. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 140-148	0.9	1
65	An Ensemble of Neural Networks for Stock Trading Decision Making. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 1-10	0.9	8
64	Application of a Case Base Reasoning Based Support Vector Machine for Financial Time Series Data Forecasting. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 294-304	0.9	2
63	A Hybrid System Integrating a Wavelet and TSK Fuzzy Rules for Stock Price Forecasting. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , <b>2008</b> , 38, 802-815		70
62	Integrating a Piecewise Linear Representation Method with Dynamic Time Warping System for Stock Trading Decision Making <b>2008</b> ,		4
61	Dynamic diversity control by injecting artificial chromosomes for solving TSP problems <b>2008</b> ,		2
60	A fuzzy neural network for the flow time estimation in a semiconductor manufacturing factory. <i>International Journal of Production Research</i> , <b>2008</b> , 46, 1017-1029	7.8	15
59	Dynamic Diversity Control in Genetic Algorithm for Extended Exploration of Solution Space in Multi-Objective TSP <b>2008</b> ,		4
58	A Case Based Clustering-Based TSK Fuzzy Rule Systems for Stock Price Forecasting <b>2008</b> ,		2
57	Data Clustering and Evolving Fuzzy Decision Tree for Data Base Classification Problems. <i>Communications in Computer and Information Science</i> , <b>2008</b> , 463-470	0.3	2
56	A fuzzy case-based reasoning model for sales forecasting in print circuit board industries. <i>Expert Systems With Applications</i> , <b>2008</b> , 34, 2049-2058	7.8	76
55	A case-based evolutionary model for defect classification of printed circuit board images. <i>Journal of Intelligent Manufacturing</i> , <b>2008</b> , 19, 203-214	6.7	25
54	Genetic algorithm integrated with artificial chromosomes for multi-objective flowshop scheduling problems. <i>Applied Mathematics and Computation</i> , <b>2008</b> , 205, 550-561	2.7	36
53	Mining gene structures to inject artificial chromosomes for genetic algorithm in single machine scheduling problems. <i>Applied Soft Computing Journal</i> , <b>2008</b> , 8, 767-777	7.5	39
52	A TSK type fuzzy rule based system for stock price prediction. <i>Expert Systems With Applications</i> , <b>2008</b> , 34, 135-144	7.8	200
51	A simulated annealing approach with probability matrix for semiconductor dynamic scheduling problem. <i>Expert Systems With Applications</i> , <b>2008</b> , 35, 1889-1898	7.8	15
50	Self-Guided Genetic Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 292-299	0.9	2



49	The development of a weighted evolving fuzzy neural network for PCB sales forecasting. <i>Expert Systems With Applications</i> , <b>2007</b> , 32, 86-96	7.8	59
48	Sub-population genetic algorithm with mining gene structures for multiobjective flowshop scheduling problems. <i>Expert Systems With Applications</i> , <b>2007</b> , 33, 762-771	7.8	77
47	Adaptive multi-objective genetic algorithms for scheduling of drilling operation in printed circuit board industry. <i>Applied Soft Computing Journal</i> , <b>2007</b> , 7, 800-806	7.5	56
46	A hybrid regulation system by evolving CBR with GA for a twin laser measuring system. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2007</b> , 31, 1156-1168	3.2	6
45	A System Dynamics Simulation Approach for Military Supply Chain Management <b>2007</b> ,		1
44	STUDY ON THE COMPETITIVENESS INDICES OF TAIWAN'S DEPARTMENT STORES. <i>Journal of the Chinese Institute of Industrial Engineers</i> , <b>2007</b> , 24, 414-427		2
43	A HYBRID FORWARD/BACKWARD APPROACH FOR SINGLE BATCH SCHEDULING PROBLEMS WITH NON-IDENTICAL JOB SIZES. <i>Journal of the Chinese Institute of Industrial Engineers</i> , <b>2007</b> , 24, 191-199		7
42	Financial Time Series Data Forecasting by Wavelet and TSK Fuzzy Rule Based System <b>2007</b> ,		3
41	Sales Forecasting for TFT-LCD Products with a Hybrid Neural Network Model <b>2007</b> , 704-713		
40	A Hybrid Electromagnetism-Like Algorithm for Single Machine Scheduling Problem. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 543-552	0.9	5
39	Fuzzy Delphi and back-propagation model for sales forecasting in PCB industry. <i>Expert Systems With Applications</i> , <b>2006</b> , 30, 715-726	7.8	120
38	A hybrid model by clustering and evolving Fuzzy rules for sales decision supports in printed circuit board industry. <i>Decision Support Systems</i> , <b>2006</b> , 42, 1254-1269	5.6	65
37	A hybrid system by evolving case-based reasoning with genetic algorithm in wholesaler's returning book forecasting. <i>Decision Support Systems</i> , <b>2006</b> , 42, 1715-1729	5.6	45
36	An adaptive genetic clustering method for exploratory mining of feature vector and time series data. <i>International Journal of Production Research</i> , <b>2006</b> , 44, 2731-2748	7.8	21
35	Regression trees approach for flow-time prediction in wafer manufacturing processes using constraint-based genetic algorithm. <i>International Journal of Production Research</i> , <b>2006</b> , 44, 5327-5341	7.8	3
34	The Development of a Weighted Evolving Fuzzy Neural Network. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 212-221	0.9	1
33	Combining SOM and fuzzy rule base for flow time prediction in semiconductor manufacturing factory. <i>Applied Soft Computing Journal</i> , <b>2006</b> , 6, 198-206	7.5	102
32	A case-injected genetic algorithm for single machine scheduling problems with release time. <i>International Journal of Production Economics</i> , <b>2006</b> , 103, 551-564	9.3	17

31	An evolutionary regulation algorithm for the twin laser measuring system. <i>Journal of Intelligent Manufacturing</i> , <b>2006</b> , 17, 545-556	6.7	2
30	A hybrid genetic algorithm to minimize makespan for the single batch machine dynamic scheduling problem. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2006</b> , 31, 350-359	3.2	50
29	A Global Archive Sub-Population Genetic Algorithm with Adaptive Strategy in Multi-objective Parallel-Machine Scheduling Problem. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 730-739	0.9	13
28	Combining SOM and GA-CBR for Flow Time Prediction in Semiconductor Manufacturing Factory. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 767-775	0.9	6
27	AN INVESTIGATION OF PAPER CUTTING PROBLEM BY DYNAMIC PROGRAMMING AND HEURISTIC APPROACHES. <i>Journal of the Chinese Institute of Industrial Engineers</i> , <b>2005</b> , 22, 463-472		
26	Dynamic Scheduling Problem of Batch Processing Machine in Semiconductor Burn-in Operations. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 172-181	0.9	2
25	Evolving neural network for printed circuit board sales forecasting. <i>Expert Systems With Applications</i> , <b>2005</b> , 29, 83-92	7.8	62
24	A hybrid system combining self-organizing maps with case-based reasoning in wholesaler's new-release book forecasting. <i>Expert Systems With Applications</i> , <b>2005</b> , 29, 183-192	7.8	62
23	Two-phase sub population genetic algorithm for parallel machine-scheduling problem. <i>Expert Systems With Applications</i> , <b>2005</b> , 29, 705-712	7.8	86
22	Evolving fuzzy rules for due-date assignment problem in semiconductor manufacturing factory. <i>Journal of Intelligent Manufacturing</i> , <b>2005</b> , 16, 549-557	6.7	94
21	Combining SOM and Fuzzy Rule Base for Sale Forecasting in Printed Circuit Board Industry. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 947-954	0.9	3
20	Evolving Case-Based Reasoning with Genetic Algorithm in Wholesaler's Returning Book Forecasting. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 205-214	0.9	
19	Fuzzy Back-Propagation Network for PCB Sales Forecasting. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 364-373	0.9	6
18	New Operators for Faster Convergence and Better Solution Quality in Modified Genetic Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 983-991	0.9	4
17	A heuristic for a batch processing machine scheduled to minimise total completion time with non-identical job sizes. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2004</b> , 24, 615-620	3.2	25
16	AN INVESTIGATION OF THE HYBRID FORECASTING MODELS FOR STOCK PRICE VARIATION IN TAIWAN. <i>Journal of the Chinese Institute of Industrial Engineers</i> , <b>2004</b> , 21, 358-368		23
15	ON SINGLE-MACHINE SCHEDULING WITH RELEASE TIMES TO MINIMIZE TOTAL WEIGHTED COMPLETION TIME. <i>Journal of the Chinese Institute of Industrial Engineers</i> , <b>2004</b> , 21, 567-575		2
14	A case-based expert support system for due-date assignment in a wafer fabrication factory. <i>Journal of Intelligent Manufacturing</i> , <b>2003</b> , 14, 287-296	6.7	42

13	Scheduling of drilling operations in printed circuit board factory?. <i>Computers and Industrial Engineering</i> , <b>2003</b> , 44, 461-473	6.4	24
12	Genetic algorithms applied in BOPP film scheduling problems: minimizing total absolute deviation and setup times. <i>Applied Soft Computing Journal</i> , <b>2003</b> , 3, 139-148	7.5	19
11	APPLYING ASSOCIATION-RULE TECHNIQUES AND ARTIFICIAL NEURAL NETWORKS TO PRODUCT DEVELOPMENT. <i>Journal of the Chinese Institute of Industrial Engineers</i> , <b>2003</b> , 20, 101-112		3
10	The development of gradual-priority weighting approach for the multi-objective flowshop scheduling problem. <i>International Journal of Production Economics</i> , <b>2002</b> , 79, 171-183	9.3	75
9	APPLICATION OF GENETIC ALGORITHM TO THE UNRELATED PARALLEL MACHINE SCHEDULING PROBLEM. <i>Journal of the Chinese Institute of Industrial Engineers</i> , <b>2002</b> , 19, 79-95		3
8	APPLICATION OF DATA MINING TO CUSTOMER RELATIONSHIP MANAGEMENT THE CASE OF COSMETICS. <i>Journal of the Chinese Institute of Industrial Engineers</i> , <b>2002</b> , 19, 45-59		1
7	Scheduling n jobs on one machine to minimize the maximum lateness with a minimum number of tardy jobs. <i>Computers and Industrial Engineering</i> , <b>2001</b> , 40, 349-360	6.4	11
6	A Case-Based Reasoning Approach for Due-Date Assignment in a Wafer Fabrication Factory. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 648-659	0.9	34
5	?????????????????????. <i>Journal of the Chinese Institute of Industrial Engineers</i> , <b>1999</b> , 16, 433-441		
4	A heuristic to minimize a quadratic function of job lateness on a single machine. <i>International Journal of Production Economics</i> , <b>1998</b> , 55, 169-175	9.3	25
3	A state-space search approach for parallel processor scheduling problems with arbitrary precedence relations. <i>European Journal of Operational Research</i> , <b>1994</b> , 77, 208-223	5.6	6
2	One-machine rescheduling heuristics with efficiency and stability as criteria. <i>Computers and Operations Research</i> , <b>1993</b> , 20, 1-14	4.6	178
1	A greedy heuristic for bicriterion single machine scheduling problems. <i>Computers and Industrial Engineering</i> , <b>1992</b> , 22, 121-131	6.4	8