Felix Ts Chan

List of Publications by Year
in descending order

477 papers	20,808 citations	12303 69 h-index	18606 119 g-index
493 all docs	493 docs citations	493 times ranked	12225 citing authors

#	Article	IF	Citations
1	Global supplier development considering risk factors using fuzzy extended AHP-based approach. Omega, 2007, 35, 417-431.	3.6	976
2	Global supplier selection: a fuzzy-AHP approach. International Journal of Production Research, 2008, 46, 3825-3857.	4.9	560
3	The link between Industry 4.0 and lean manufacturing: mapping current research and establishing a research agenda. International Journal of Production Research, 2018, 56, 2924-2940.	4.9	536
4	Predicting consumer decisions to adopt mobile commerce: Cross country empirical examination between China and Malaysia. Decision Support Systems, 2012, 53, 34-43.	3.5	421
5	Integrating environmental criteria into the supplier selection process. Journal of Materials Processing Technology, 2003, 138, 349-356.	3.1	391
6	Performance Measurement in a Supply Chain. International Journal of Advanced Manufacturing Technology, 2003, 21, 534-548.	1.5	386
7	State of the art literature review on performance measurement. Computers and Industrial Engineering, 2011, 60, 279-290.	3.4	331
8	An innovative performance measurement method for supply chain management. Supply Chain Management, 2003, 8, 209-223.	3.7	320
9	Defining a Digital Twin-based Cyber-Physical Production System for autonomous manufacturing in smart shop floors. International Journal of Production Research, 2019, 57, 6315-6334.	4.9	292
10	Interactive selection model for supplier selection process: an analytical hierarchy process approach. International Journal of Production Research, 2003, 41, 3549-3579.	4.9	285
11	Implementation of total productive maintenance: A case study. International Journal of Production Economics, 2005, 95, 71-94.	5.1	276
12	Decision making for the selection of cloud vendor: An improved approach under group decision-making with integrated weights and objective/subjective attributes. Expert Systems With Applications, 2016, 55, 37-47.	4.4	247
13	Quantifying risks in a supply chain through integration of fuzzy AHP and fuzzy TOPSIS. International Journal of Production Research, 2013, 51, 2433-2442.	4.9	239
14	A RFID case-based logistics resource management system for managing order-picking operations in warehouses. Expert Systems With Applications, 2009, 36, 8277-8301.	4.4	219
15	A new fuzzy dempster MCDM method and its application in supplier selection. Expert Systems With Applications, 2011, 38, 9854-9861.	4.4	205
16	An adaptive genetic algorithm with dominated genes for distributed scheduling problems. Expert Systems With Applications, 2005, 29, 364-371.	4.4	186
17	Using case-based reasoning to evaluate supplier environmental management performance. Expert Systems With Applications, 2003, 25, 141-153.	4.4	176
18	Urban sewage sludge, sustainability, and transition for Eco-City: Multi-criteria sustainability assessment of technologies based on best-worst method. Technological Forecasting and Social Change, 2017, 116, 29-39.	6.2	174

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19	Evaluation methodologies for technology selection. Journal of Materials Processing Technology, 2000, 107, 330-337.	3.1	167
20	Feasibility of performance measurement system for supply chain: a process€based approach and measures. Journal of Manufacturing Technology Management, 2003, 14, 179-190.	0.5	164
21	Evidential Supplier Selection Based on DEMATEL and Game Theory. International Journal of Fuzzy Systems, 2018, 20, 1321-1333.	2.3	164
22	A hybrid genetic algorithm for production and distribution. Omega, 2005, 33, 345-355.	3.6	159
23	A conceptual model of performance measurement for supply chains. Management Decision, 2003, 41, 635-642.	2.2	152
24	An empirical investigation of factors affecting e-collaboration diffusion in SMEs. International Journal of Production Economics, 2012, 138, 329-344.	5.1	148
25	A SEM€"neural network approach for understanding determinants of interorganizational system standard adoption and performances. Decision Support Systems, 2012, 54, 621-630.	3.5	143
26	The development of intelligent decision support tools to aid the design of flexible manufacturing systems. International Journal of Production Economics, 2000, 65, 73-84.	5.1	138
27	Structural equation modeling for multi-stage analysis on Radio Frequency Identification (RFID) diffusion in the health care industry. Expert Systems With Applications, 2012, 39, 8645-8654.	4.4	138
28	A review on manufacturing flexibility. International Journal of Production Research, 2013, 51, 5946-5970.	4.9	134
29	An AHP model for selection of suppliers in the fast changing fashion market. International Journal of Advanced Manufacturing Technology, 2010, 51, 1195-1207.	1.5	129
30	Improving the productivity of order picking of a manual-pick and multi-level rack distribution warehouse through the implementation of class-based storage. Expert Systems With Applications, 2011, 38, 2686-2700.	4.4	129
31	A Life Cycle Framework of Green IoT-Based Agriculture and Its Finance, Operation, and Management Issues. IEEE Communications Magazine, 2019, 57, 90-96.	4.9	128
32	Development of the supplier selection model€"a case study in the advanced technology industry. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2004, 218, 1807-1824.	1.5	126
33	A fuzzy AHP and fuzzy multi-objective linear programming model for order allocation in a sustainable supply chain: A case study. International Journal of Computer Integrated Manufacturing, 2017, 30, 535-551.	2.9	126
34	Analysis of flexible decision strategies for sustainability-focused green product recovery system. International Journal of Production Research, 2013, 51, 3428-3442.	4.9	123
35	Can Malaysian firms improve organizational/innovation performance via SCM?. Industrial Management and Data Systems, 2011, 111, 410-431.	2.2	119
36	Solving distributed FMS scheduling problems subject to maintenance: Genetic algorithms approach. Robotics and Computer-Integrated Manufacturing, 2006, 22, 493-504.	6.1	117

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37	A heuristic methodology for order distribution in a demand driven collaborative supply chain. International Journal of Production Research, 2004, 42, 1-19.	4.9	113
38	Integration of expert system with analytic hierarchy process for the design of material handling equipment selection system. Journal of Materials Processing Technology, 2001, 116, 137-145.	3.1	111
39	Leak detection of pipeline: An integrated approach of rough set theory and artificial bee colony trained SVM. Expert Systems With Applications, 2012, 39, 3071-3080.	4.4	111
40	A comprehensive survey and future trend of simulation study on FMS scheduling. Journal of Intelligent Manufacturing, 2004, 15, 87-102.	4.4	108
41	A variable weight–based hybrid approach for multi–attribute group decision making under interval–valued intuitionistic fuzzy sets. International Journal of Intelligent Systems, 2021, 36, 1015-1052.	3.3	104
42	Comparative study of adaptability and flexibility in distributed manufacturing supply chains. Decision Support Systems, 2010, 48, 331-341.	3.5	103
43	A review of coordination studies in the context of supply chain dynamics. International Journal of Production Research, 2010, 48, 2793-2819.	4.9	101
44	A DEMATEL-based completion method for incomplete pairwise comparison matrix in AHP. Annals of Operations Research, 2018, 271, 1045-1066.	2.6	101
45	Flexible decision modeling of reverse logistics system: A value adding MCDM approach for alternative selection. Robotics and Computer-Integrated Manufacturing, 2009, 25, 460-469.	6.1	100
46	An AHP approach in benchmarking logistics performance of the postal industry. Benchmarking, 2006, 13, 636-661.	2.9	99
47	An integrated approach for machine tool selection using fuzzy analytical hierarchy process and grey relational analysis. International Journal of Production Research, 2012, 50, 3211-3221.	4.9	98
48	Determinants of mobile supply chain management system diffusion: a structural equation analysis of manufacturing firms. International Journal of Production Research, 2013, 51, 1196-1213.	4.9	97
49	Framework for flexibility in dynamic supply chain management. International Journal of Production Research, 2008, 46, 1373-1404.	4.9	95
50	Robust aircraft sequencing and scheduling problem with arrival/departure delay using the min-max regret approach. Transportation Research, Part E: Logistics and Transportation Review, 2017, 106, 115-136.	3.7	94
51	Flexible job-shop scheduling problem under resource constraints. International Journal of Production Research, 2006, 44, 2071-2089.	4.9	93
52	Two-stage approach for machine-part grouping and cell layout problems. Robotics and Computer-Integrated Manufacturing, 2006, 22, 217-238.	6.1	93
53	A new linguistic MCDM method based on multiple-criterion data fusion. Expert Systems With Applications, 2011, 38, 6985-6993.	4.4	92
54	An adaptive multi-population differential artificial bee colony algorithm for many-objective service composition in cloud manufacturing. Information Sciences, 2018, 456, 50-82.	4.0	92

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55	Effect of information sharing in supply chains with flexibility. International Journal of Production Research, 2009, 47, 213-232.	4.9	91
56	The impact of Collaborative Transportation Management on supply chain performance: A simulation approach. Expert Systems With Applications, 2011, 38, 2319-2329.	4.4	91
57	Ant colony optimization approach to a fuzzy goal programming model for a machine tool selection and operation allocation problem in an FMS. Robotics and Computer-Integrated Manufacturing, 2006, 22, 353-362.	6.1	90
58	A decision support system for supplier selection in the airline industry. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2007, 221, 741-758.	1.5	89
59	Review on meta-heuristics approaches for airside operation research. Applied Soft Computing Journal, 2018, 66, 104-133.	4.1	86
60	A multi-agent architecture for reverse logistics in a green supply chain. International Journal of Production Research, 2012, 50, 2396-2406.	4.9	85
61	Collaborative buyerâ€supplier relationships in Hong Kong manufacturing firms. Supply Chain Management, 2001, 6, 152-162.	3.7	83
62	Design of a knowledge-based logistics strategy system. Expert Systems With Applications, 2005, 29, 272-290.	4.4	82
63	A modified genetic algorithm approach for scheduling of perfect maintenance in distributed production scheduling. Engineering Applications of Artificial Intelligence, 2009, 22, 1005-1014.	4.3	81
64	Evaluation of the supplier performance using an evolutionary fuzzyâ€based approach. Journal of Manufacturing Technology Management, 2004, 15, 735-744.	3.3	79
65	Bare bones artificial bee colony algorithm with parameter adaptation and fitness-based neighborhood. Information Sciences, 2015, 316, 180-200.	4.0	78
66	A survey on reverse logistics system of mobile phone industry in Hong Kong. Management Decision, 2008, 46, 702-708.	2.2	77
67	IFSJSP: A novel methodology for the Job-Shop Scheduling Problem based on intuitionistic fuzzy sets. International Journal of Production Research, 2013, 51, 5100-5119.	4.9	77
68	Determinants of loyalty to public transit: A model integrating Satisfaction-Loyalty Theory and Expectation-Confirmation Theory. Transportation Research, Part A: Policy and Practice, 2018, 113, 476-490.	2.0	77
69	How important are supply chain collaborative factors in supply chain finance? A view of financial service providers in China. International Journal of Production Economics, 2020, 219, 341-346.	5.1	77
70	A framework of reverse logistics for the automobile industry. International Journal of Production Research, 2012, 50, 1318-1331.	4.9	76
71	Integration of webâ€based and RFID technology in visualizing logistics operations â€" a case study. Supply Chain Management, 2007, 12, 221-234.	3.7	75
72	Implementing just-in-time philosophy to reverse logistics systems: a review. International Journal of Production Research, 2010, 48, 6293-6313.	4.9	75

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73	Investment appraisal techniques for advanced manufacturing technology (AMT): a literature review. Journal of Manufacturing Technology Management, 2001, 12, 35-47.	0.5	74
74	A three-stage and multi-objective stochastic programming model to improve the sustainable rescue ability by considering secondary disasters in emergency logistics. Computers and Industrial Engineering, 2019, 135, 1145-1154.	3.4	74
75	Understanding the effect of cloud computing on organizational agility: An empirical examination. International Journal of Information Management, 2018, 43, 98-111.	10.5	73
76	Performance optimization of a leagility inspired supply chain model: a CFGTSA algorithm based approach. International Journal of Production Research, 2009, 47, 777-799.	4.9	72
77	Analysis of the determinants of consumers' mâ€commerce usage activities. Online Information Review, 2013, 37, 443-461.	2.2	72
78	A genetic algorithm for facility layout problems. Computer Integrated Manufacturing Systems, 1998, 11, 113-127.	0.1	71
79	Inventory management in a lateral collaborative manufacturing supply chain: a simulation study. International Journal of Production Research, 2012, 50, 4670-4685.	4.9	71
80	Channel coordination of a two-echelon sustainable supply chain with a fair-minded retailer under cap-and-trade regulation. Journal of Cleaner Production, 2020, 244, 118715.	4.6	71
81	Application of genetic algorithms with dominant genes in a distributed scheduling problem in flexible manufacturing systems. International Journal of Production Research, 2006, 44, 523-543.	4.9	70
82	A multi-criterion genetic algorithm for order distribution in a demand driven supply chain. International Journal of Computer Integrated Manufacturing, 2004, 17, 339-351.	2.9	68
83	A joint production scheduling approach considering multiple resources and preventive maintenance tasks. International Journal of Production Research, 2013, 51, 883-896.	4.9	68
84	Multicriterion genetic optimization for due date assigned distribution network problems. Decision Support Systems, 2005, 39, 661-675.	3.5	67
85	The State of the Art in Simulation Study on FMS Scheduling: A Comprehensive Survey. International Journal of Advanced Manufacturing Technology, 2002, 19, 830-849.	1.5	64
86	The effects of routing flexibility on a flexible manufacturing system. International Journal of Computer Integrated Manufacturing, 2001, 14, 431-445.	2.9	63
87	The relevance of outsourcing and leagile strategies in performance optimization of an integrated process planning and scheduling model. International Journal of Production Research, 2009, 47, 119-142.	4.9	63
88	Management of sustainable manufacturing systems-a review on mathematical problems. International Journal of Production Research, 2017, 55, 1210-1225.	4.9	63
89	Multi-criteria genetic optimization for distribution network problems. International Journal of Advanced Manufacturing Technology, 2004, 24, 517-532.	1.5	62
90	A resource-constrained assembly job shop scheduling problem with Lot Streaming technique. Computers and Industrial Engineering, 2009, 57, 983-995.	3.4	62

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91	A fuzzy guided multi-objective evolutionary algorithm model for solving transportation problem. Expert Systems With Applications, 2009, 36, 8255-8268.	4.4	62
92	FMS scheduling with knowledge based genetic algorithm approach. Expert Systems With Applications, 2011, 38, 3161-3171.	4.4	62
93	Optimizing the intermodal transportation of emergency medical supplies using balanced fuzzy clustering. International Journal of Production Research, 2016, 54, 4368-4386.	4.9	62
94	An extended multi-criteria group decision-making method with psychological factors and bidirectional influence relation for emergency medical supplier selection. Expert Systems With Applications, 2022, 202, 117414.	4.4	62
95	On-line order batching and sequencing problem with multiple pickers: A hybrid rule-based algorithm. Applied Mathematical Modelling, 2017, 45, 271-284.	2.2	61
96	Emergy based sustainability evaluation of remanufacturing machining systems. Energy, 2018, 150, 670-680.	4.5	61
97	Flexibility-enabled lead-time reduction in flexible systems. International Journal of Production Research, 2005, 43, 3131-3162.	4.9	60
98	Artificial bee colony algorithm with multiple search strategies. Applied Mathematics and Computation, 2015, 271, 269-287.	1.4	60
99	Cell formation problem with consideration of both intracellular and intercellular movements. International Journal of Production Research, 2008, 46, 2589-2620.	4.9	59
100	Application of a hybrid case-based reasoning approach in electroplating industry. Expert Systems With Applications, 2005, 29, 121-130.	4.4	57
101	Lot streaming for product assembly in job shop environment. Robotics and Computer-Integrated Manufacturing, 2008, 24, 321-331.	6.1	57
102	Maintenance policy selection in manufacturing firms using the fuzzy MCDM approach. International Journal of Production Research, 2012, 50, 7044-7056.	4.9	57
103	A new optimal consensus method with minimum cost in fuzzy group decision. Knowledge-Based Systems, 2012, 35, 357-360.	4.0	57
104	The future trend on system-wide modelling in supply chain studies. International Journal of Advanced Manufacturing Technology, 2005, 25, 820-832.	1.5	56
105	Comparative performance analysis of a flexible manufacturing system (FMS): a review-period-based control. International Journal of Production Research, 2008, 46, 1-24.	4.9	56
106	Effects of information transparency and cooperation on supply chain performance: a simulation study. International Journal of Production Research, 2010, 48, 145-166.	4.9	56
107	Optimizing replenishment polices using Genetic Algorithm for single-warehouse multi-retailer system. Expert Systems With Applications, 2012, 39, 3081-3086.	4.4	56
108	Quasi-Newton methods for solving multiobjective optimization. Operations Research Letters, 2011, 39, 397-399.	0.5	55

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109	Fuzzy goal-programming model with an artificial immune system (AIS) approach for a machine tool selection and operation allocation problem in a flexible manufacturing system. International Journal of Production Research, 2005, 43, 4147-4163.	4.9	54
110	Auction-based approach to resolve the scheduling problem in the steel making process. International Journal of Production Research, 2006, 44, 1503-1522.	4.9	53
111	D-CFPR: D numbers extended consistent fuzzy preference relations. Knowledge-Based Systems, 2015, 73, 61-68.	4.0	53
112	Multi-attribute group decision-making with multi-granularity linguistic assessment information: An improved approach based on deviation and TOPSIS. Applied Mathematical Modelling, 2013, 37, 10129-10140.	2.2	52
113	An integrated closed-loop supply chain model with location allocation problem and product recycling decisions. International Journal of Production Research, 2015, 53, 3120-3140.	4.9	52
114	A Granular GA-SVM Predictor for Big Data in Agricultural Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2019, 15, 6510-6521.	7.2	52
115	Predicting the consumer's purchase intention of durable goods: An attribute-level analysis. Journal of Business Research, 2019, 94, 408-419.	5.8	52
116	Organizing a virtual manufacturing enterprise: an analytic network process based approach for enterprise flexibility. International Journal of Production Research, 2009, 47, 163-186.	4.9	51
117	An integrated approach for logistic and vendor managed inventory in supply chain. Expert Systems With Applications, 2010, 37, 39-44.	4.4	51
118	Multi-objective particle swarm optimisation based integrated production inventory routing planning for efficient perishable food logistics operations. International Journal of Production Research, 2020, 58, 5155-5174.	4.9	51
119	Analysis of dynamic dispatching rules for a flexible manufacturing system. Journal of Materials Processing Technology, 2003, 138, 325-331.	3.1	50
120	Analysis of Performance Focused Variables for Multi-Objective Flexible Decision Modeling Approach of Product Recovery Systems. Global Journal of Flexible Systems Management, 2012, 13, 77-86.	3.4	50
121	Do interorganisational relationships and knowledge-management practices enhance collaborative commerce adoption?. International Journal of Production Research, 2013, 51, 2006-2018.	4.9	50
122	A review of performance measurement systems for supply chain management. International Journal of Business Performance Management, 2006, 8, 110.	0.2	49
123	Supplier selection based on evidence theory and analytic network process. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2016, 230, 562-573.	1.5	48
124	Hybrid tabu-simulated annealing based approach to solve multi-constraint product mix decision problem. Expert Systems With Applications, 2005, 29, 446-454.	4.4	47
125	Development of a decision support system for air-cargo pallets loading problem: A case study. Expert Systems With Applications, 2006, 31, 472-485.	4.4	47
126	Optimization of Order Fulfillment in Distribution Network Problems. Journal of Intelligent Manufacturing, 2006, 17, 307-319.	4.4	47

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127	A systematic approach to manufacturing packaging logistics. International Journal of Advanced Manufacturing Technology, 2006, 29, 1088-1101.	1.5	47
128	Digraph and matrix method to evaluate the machinability of tungsten carbide composite with wire EDM. International Journal of Advanced Manufacturing Technology, 2011, 56, 959-974.	1.5	47
129	Effect of kanban size on just-in-time manufacturing systems. Journal of Materials Processing Technology, 2001, 116, 146-160.	3.1	46
130	Inventory management of perishable products: a time decay linked logistic approach. International Journal of Production Research, 2013, 51, 3864-3879.	4.9	46
131	A holonic architecture of the concurrent integrated process planning system. Journal of Materials Processing Technology, 2003, 139, 267-272.	3.1	45
132	Flexibility and adaptability in supply chains: a lesson learnt from a practitioner. Supply Chain Management, 2009, 14, 407-410.	3.7	45
133	Airline schedule planning: a review and future directions. Industrial Management and Data Systems, 2017, 117, 1201-1243.	2.2	45
134	Evaluating the Drivers to Information and Communication Technology for Effective Sustainability Initiatives in Supply Chains. International Journal of Information Technology and Decision Making, 2018, 17, 311-338.	2.3	45
135	A simulation study with quantity flexibility in a supply chain subjected to uncertainties. International Journal of Computer Integrated Manufacturing, 2006, 19, 148-160.	2.9	44
136	The application of genetic algorithms to lot streaming in a job-shop scheduling problem. International Journal of Production Research, 2009, 47, 3387-3412.	4.9	44
137	Lean principles and simulation optimization for emergency department layout design. Industrial Management and Data Systems, 2015, 115, 678-699.	2.2	44
138	Pareto mimic algorithm: An approach to the team orienteering problem. Omega, 2016, 61, 155-166.	3.6	44
139	Agriculture IoT: Emerging Trends, Cooperation Networks, and Outlook. IEEE Wireless Communications, 2019, 26, 56-63.	6.6	44
140	A two-stage robust optimisation for terminal traffic flow problem. Applied Soft Computing Journal, 2020, 89, 106048.	4.1	44
141	Design and evaluation of automated cellular manufacturing systems with simulation modelling and AHP approach: a case study. Journal of Manufacturing Technology Management, 1996, 7, 39-52.	0.5	42
142	Agent oriented petroleum supply chain coordination: Co-evolutionary Particle Swarm Optimization based approach. Expert Systems With Applications, 2011, 38, 6132-6145.	4.4	42
143	A modified multi-criterion optimization genetic algorithm for order distribution in collaborative supply chain. Applied Mathematical Modelling, 2013, 37, 7855-7864.	2.2	42
144	A mathematical model and algorithms for the aircraft hangar maintenance scheduling problem. Applied Mathematical Modelling, 2019, 67, 491-509.	2.2	42

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145	A RFID-case-based sample management system for fashion product development. Engineering Applications of Artificial Intelligence, 2009, 22, 882-896.	4.3	41
146	A study of distribution center location based on the rough sets and interactive multi-objective fuzzy decision theory. Robotics and Computer-Integrated Manufacturing, 2011, 27, 426-433.	6.1	41
147	An evidential game theory framework in multi-criteria decision making process. Applied Mathematics and Computation, 2014, 244, 783-793.	1.4	41
148	A fuzzy integrated decision-making support system for scheduling of FMS using simulation. Computer Integrated Manufacturing Systems, 1997, 10, 27-34.	0.1	39
149	An intelligent physarum solver for supply chain network design under profit maximization and oligopolistic competition. International Journal of Production Research, 2017, 55, 244-263.	4.9	39
150	Joint optimization using a leader–follower Stackelberg game for coordinated configuration of stochastic operational aircraft maintenance routing and maintenance staffing. Computers and Industrial Engineering, 2018, 125, 46-68.	3.4	39
151	A workload balancing genetic algorithm for the quay crane scheduling problem. International Journal of Production Research, 2013, 51, 4820-4834.	4.9	38
152	Integrated scheduling of a multi-product multi-factory manufacturing system with maritime transport limits. Transportation Research, Part E: Logistics and Transportation Review, 2015, 79, 110-127.	3.7	38
153	A fuzzy extended analytic network process-based approach for global supplier selection. Applied Intelligence, 2015, 43, 760-772.	3.3	38
154	Hidden Markov model-based autonomous manufacturing task orchestration in smart shop floors. Robotics and Computer-Integrated Manufacturing, 2020, 61, 101845.	6.1	38
155	Real time fuzzy scheduling rules in FMS. Journal of Intelligent Manufacturing, 2003, 14, 341-350.	4.4	37
156	An introduction of dominant genes in genetic algorithm for FMS. International Journal of Production Research, 2008, 46, 4369-4389.	4.9	37
157	An individual dependent multi-colony artificial bee colony algorithm. Information Sciences, 2019, 485, 114-140.	4.0	37
158	Design of material handling equipment selection system: an integration of expert system with analytic hierarchy process approach. Journal of Manufacturing Technology Management, 2002, 13, 58-68.	0.5	36
159	A new model for manufacturing supply chain networks: A multiagent approach. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2004, 218, 443-454.	1.5	36
160	An IoT-based E-business model of intelligent vegetable greenhouses and its key operations management issues. Neural Computing and Applications, 2020, 32, 15341-15356.	3.2	36
161	Simulation modeling for comparative evaluation of supply chain management strategies. International Journal of Advanced Manufacturing Technology, 2005, 25, 998-1006.	1.5	35
162	AMWRPN: Ambiguity Measure Weighted Risk Priority Number Model for Failure Mode and Effects Analysis. IEEE Access, 2018, 6, 27103-27110.	2.6	35

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163	Social media usage and employeeâ€™s job performance. Industrial Management and Data Systems, 2019, 119, 1908-1925.	2.2	35
164	Coordinating and pricing decisions in two competitive reverse supply chains with different channel structures. International Journal of Production Research, 2019, 57, 2601-2625.	4.9	35
165	Random Forest-Bayesian Optimization for Product Quality Prediction With Large-Scale Dimensions in Process Industrial Cyberâ€"Physical Systems. IEEE Internet of Things Journal, 2020, 7, 8641-8653.	5.5	35
166	Analysis of dynamic control strategies of an FMS under different scenarios. Robotics and Computer-Integrated Manufacturing, 2004, 20, 423-437.	6.1	34
167	Increase in flexibility: productive or counterproductive? A study on the physical and operating characteristics of a flexible manufacturing system. International Journal of Production Research, 2006, 44, 1431-1445.	4.9	34
168	Aggregate procurement, production, and shipment planning decision problem for a three-echelon supply chain using swarm-based heuristics. International Journal of Production Research, 2011, 49, 2873-2905.	4.9	34
169	Bi-objective optimization of three echelon supply chain involving truck selection and loading using NSGA-II with heuristics algorithm. Applied Soft Computing Journal, 2016, 38, 978-987.	4.1	34
170	Inventory performance of some supply chain inventory policies under impulse demands. International Journal of Production Research, 2009, 47, 3307-3332.	4.9	33
171	Optimal scheduling of household appliances for smart home energy management considering demand response. Natural Hazards, 2017, 88, 1639-1653.	1.6	33
172	Effective allocation of customers to distribution centres: A multiple ant colony optimization approach. Robotics and Computer-Integrated Manufacturing, 2009, 25, 1-12.	6.1	32
173	A real-time warehouse operations planning system for small batch replenishment problems in production environment. Expert Systems With Applications, 2011, 38, 8524-8537.	4.4	32
174	A superiority search and optimisation algorithm to solve RFID and an environmental factor embedded closed loop logistics model. International Journal of Production Research, 2011, 49, 4807-4831.	4.9	32
175	A two-stage analysis of the influences of employee alignment on effecting businessâ€"IT alignment. Decision Support Systems, 2012, 53, 490-498.	3.5	32
176	Multi-objective configuration optimization for product-extension service. Journal of Manufacturing Systems, 2015, 37, 113-125.	7.6	32
177	Aircraft parking stand allocation problem with safety consideration for independent hangar maintenance service providers. Computers and Operations Research, 2018, 91, 225-236.	2.4	32
178	Optimal option purchase decision of a loss-averse retailer under emergent replenishment. International Journal of Production Research, 2019, 57, 4594-4620.	4.9	32
179	Modelling of integrated, distributed and cooperative process planning system using an agent-based approach. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2001, 215, 1437-1451.	1.5	31
180	A simulation approach in supply chain management. Journal of Manufacturing Technology Management, 2002, 13, 117-122.	0.5	31

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181	Agent- and CORBA-Based Application Integration Platform for an Agile Manufacturing Environment. International Journal of Advanced Manufacturing Technology, 2003, 21, 460-468.	1.5	31
182	Decision and information interoperability for improving performance of product recovery systems. Decision Support Systems, 2012, 53, 448-457.	3.5	31
183	An innovative supply chain performance measurement system incorporating Research and Development (R&D) and marketing policy. Computers and Industrial Engineering, 2014, 69, 64-70.	3.4	31
184	A fuzzy approach to operation selection. Engineering Applications of Artificial Intelligence, 1997, 10, 345-356.	4.3	30
185	Evaluations of operational control rules in scheduling a flexible manufacturing system. Robotics and Computer-Integrated Manufacturing, 1999, 15, 121-132.	6.1	30
186	An integrated fuzzy approach for the selection of manufacturing technologies. International Journal of Advanced Manufacturing Technology, 2006, 27, 747-758.	1.5	30
187	Development of performance measurement system in managing supplier relationship for maintenance logistics providers. Benchmarking, 2007, 14, 352-368.	2.9	30
188	Study on suppliersâ€™ flexibility in supply chains: is real-time control necessary?. International Journal of Production Research, 2009, 47, 965-987.	4.9	30
189	Integration of manufacturing and distribution networks in a global car company â€“ network models and numerical simulation. International Journal of Production Research, 2011, 49, 3127-3149.	4.9	30
190	A genetic algorithm approach for production scheduling with mould maintenance consideration. International Journal of Production Research, 2012, 50, 5683-5697.	4.9	30
191	Flexibility performance: Taguchi's method study of physical system and operating control parameters of FMS. Robotics and Computer-Integrated Manufacturing, 2007, 23, 25-37.	6.1	29
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