

Felix T S Chan

List of Publications by Year in descending order

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462
papers

18,897
citations

13078

68
h-index

21393

115
g-index

470
all docs

470
docs citations

470
times ranked

13599
citing authors

#	ARTICLE	IF	CITATIONS
1	Global supplier development considering risk factors using fuzzy extended AHP-based approach. <i>Omega</i> , 2007, 35, 417-431.	6.1	990
2	The link between Industry 4.0 and lean manufacturing: mapping current research and establishing a research agenda. <i>International Journal of Production Research</i> , 2018, 56, 2924-2940.	6.9	585
3	Global supplier selection: a fuzzy-AHP approach. <i>International Journal of Production Research</i> , 2008, 46, 3825-3857.	6.9	567
4	Predicting consumer decisions to adopt mobile commerce: Cross country empirical examination between China and Malaysia. <i>Decision Support Systems</i> , 2012, 53, 34-43.	6.2	428
5	Integrating environmental criteria into the supplier selection process. <i>Journal of Materials Processing Technology</i> , 2003, 138, 349-356.	6.4	392
6	Performance Measurement in a Supply Chain. <i>International Journal of Advanced Manufacturing Technology</i> , 2003, 21, 534-548.	3.0	389
7	State of the art literature review on performance measurement. <i>Computers and Industrial Engineering</i> , 2011, 60, 279-290.	6.5	341
8	An innovative performance measurement method for supply chain management. <i>Supply Chain Management</i> , 2003, 8, 209-223.	6.7	324
9	Defining a Digital Twin-based Cyber-Physical Production System for autonomous manufacturing in smart shop floors. <i>International Journal of Production Research</i> , 2019, 57, 6315-6334.	6.9	309
10	Implementation of total productive maintenance: A case study. <i>International Journal of Production Economics</i> , 2005, 95, 71-94.	9.2	279
11	Decision making for the selection of cloud vendor: An improved approach under group decision-making with integrated weights and objective/subjective attributes. <i>Expert Systems With Applications</i> , 2016, 55, 37-47.	7.9	255
12	Quantifying risks in a supply chain through integration of fuzzy AHP and fuzzy TOPSIS. <i>International Journal of Production Research</i> , 2013, 51, 2433-2442.	6.9	246
13	A RFID case-based logistics resource management system for managing order-picking operations in warehouses. <i>Expert Systems With Applications</i> , 2009, 36, 8277-8301.	7.9	221
14	Urban sewage sludge, sustainability, and transition for Eco-City: Multi-criteria sustainability assessment of technologies based on best-worst method. <i>Technological Forecasting and Social Change</i> , 2017, 116, 29-39.	11.9	184
15	Using case-based reasoning to evaluate supplier environmental management performance. <i>Expert Systems With Applications</i> , 2003, 25, 141-153.	7.9	178
16	Evaluation methodologies for technology selection. <i>Journal of Materials Processing Technology</i> , 2000, 107, 330-337.	6.4	170
17	Evidential Supplier Selection Based on DEMATEL and Game Theory. <i>International Journal of Fuzzy Systems</i> , 2018, 20, 1321-1333.	4.0	166
18	Feasibility of performance measurement system for supply chain: a process-based approach and measures. <i>Journal of Manufacturing Technology Management</i> , 2003, 14, 179-190.	0.5	164

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19	A SEMâ€œneural network approach for understanding determinants of interorganizational system standard adoption and performances. <i>Decision Support Systems</i> , 2012, 54, 621-630.	6.2	157
20	An empirical investigation of factors affecting e-collaboration diffusion in SMEs. <i>International Journal of Production Economics</i> , 2012, 138, 329-344.	9.2	152
21	Structural equation modeling for multi-stage analysis on Radio Frequency Identification (RFID) diffusion in the health care industry. <i>Expert Systems With Applications</i> , 2012, 39, 8645-8654.	7.9	145
22	A Life Cycle Framework of Green IoT-Based Agriculture and Its Finance, Operation, and Management Issues. <i>IEEE Communications Magazine</i> , 2019, 57, 90-96.	7.4	142
23	The development of intelligent decision support tools to aid the design of flexible manufacturing systems. <i>International Journal of Production Economics</i> , 2000, 65, 73-84.	9.2	139
24	A review on manufacturing flexibility. <i>International Journal of Production Research</i> , 2013, 51, 5946-5970.	6.9	137
25	Improving the productivity of order picking of a manual-pick and multi-level rack distribution warehouse through the implementation of class-based storage. <i>Expert Systems With Applications</i> , 2011, 38, 2686-2700.	7.9	131
26	An AHP model for selection of suppliers in the fast changing fashion market. <i>International Journal of Advanced Manufacturing Technology</i> , 2010, 51, 1195-1207.	3.0	130
27	A fuzzy AHP and fuzzy multi-objective linear programming model for order allocation in a sustainable supply chain: A case study. <i>International Journal of Computer Integrated Manufacturing</i> , 2017, 30, 535-551.	4.7	129
28	Analysis of flexible decision strategies for sustainability-focused green product recovery system. <i>International Journal of Production Research</i> , 2013, 51, 3428-3442.	6.9	126
29	Can Malaysian firms improve organizational/innovation performance via SCM?. <i>Industrial Management and Data Systems</i> , 2011, 111, 410-431.	3.9	121
30	Solving distributed FMS scheduling problems subject to maintenance: Genetic algorithms approach. <i>Robotics and Computer-Integrated Manufacturing</i> , 2006, 22, 493-504.	10.2	118
31	Integration of expert system with analytic hierarchy process for the design of material handling equipment selection system. <i>Journal of Materials Processing Technology</i> , 2001, 116, 137-145.	6.4	116
32	Leak detection of pipeline: An integrated approach of rough set theory and artificial bee colony trained SVM. <i>Expert Systems With Applications</i> , 2012, 39, 3071-3080.	7.9	114
33	A heuristic methodology for order distribution in a demand driven collaborative supply chain. <i>International Journal of Production Research</i> , 2004, 42, 1-19.	6.9	113
34	A variable weightâ€œbased hybrid approach for multiâ€œattribute group decision making under intervalâ€œvalued intuitionistic fuzzy sets. <i>International Journal of Intelligent Systems</i> , 2021, 36, 1015-1052.	5.8	111
35	A comprehensive survey and future trend of simulation study on FMS scheduling. <i>Journal of Intelligent Manufacturing</i> , 2004, 15, 87-102.	7.5	109
36	Comparative study of adaptability and flexibility in distributed manufacturing supply chains. <i>Decision Support Systems</i> , 2010, 48, 331-341.	6.2	104

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37	A DEMATEL-based completion method for incomplete pairwise comparison matrix in AHP. <i>Annals of Operations Research</i> , 2018, 271, 1045-1066.	4.1	104
38	An integrated approach for machine tool selection using fuzzy analytical hierarchy process and grey relational analysis. <i>International Journal of Production Research</i> , 2012, 50, 3211-3221.	6.9	102
39	Flexible decision modeling of reverse logistics system: A value adding MCDM approach for alternative selection. <i>Robotics and Computer-Integrated Manufacturing</i> , 2009, 25, 460-469.	10.2	101
40	A review of coordination studies in the context of supply chain dynamics. <i>International Journal of Production Research</i> , 2010, 48, 2793-2819.	6.9	101
41	Determinants of mobile supply chain management system diffusion: a structural equation analysis of manufacturing firms. <i>International Journal of Production Research</i> , 2013, 51, 1196-1213.	6.9	101
42	An AHP approach in benchmarking logistics performance of the postal industry. <i>Benchmarking</i> , 2006, 13, 636-661.	4.9	99
43	Robust aircraft sequencing and scheduling problem with arrival/departure delay using the min-max regret approach. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2017, 106, 115-136.	7.5	98
44	An adaptive multi-population differential artificial bee colony algorithm for many-objective service composition in cloud manufacturing. <i>Information Sciences</i> , 2018, 456, 50-82.	7.2	96
45	A new linguistic MCDM method based on multiple-criterion data fusion. <i>Expert Systems With Applications</i> , 2011, 38, 6985-6993.	7.9	95
46	Two-stage approach for machine-part grouping and cell layout problems. <i>Robotics and Computer-Integrated Manufacturing</i> , 2006, 22, 217-238.	10.2	93
47	Ant colony optimization approach to a fuzzy goal programming model for a machine tool selection and operation allocation problem in an FMS. <i>Robotics and Computer-Integrated Manufacturing</i> , 2006, 22, 353-362.	10.2	93
48	The impact of Collaborative Transportation Management on supply chain performance: A simulation approach. <i>Expert Systems With Applications</i> , 2011, 38, 2319-2329.	7.9	92
49	Review on meta-heuristics approaches for airside operation research. <i>Applied Soft Computing Journal</i> , 2018, 66, 104-133.	7.4	91
50	A multi-agent architecture for reverse logistics in a green supply chain. <i>International Journal of Production Research</i> , 2012, 50, 2396-2406.	6.9	90
51	Determinants of loyalty to public transit: A model integrating Satisfaction-Loyalty Theory and Expectation-Confirmation Theory. <i>Transportation Research, Part A: Policy and Practice</i> , 2018, 113, 476-490.	4.3	88
52	Collaborative buyer-supplier relationships in Hong Kong manufacturing firms. <i>Supply Chain Management</i> , 2001, 6, 152-162.	6.7	83
53	Design of a knowledge-based logistics strategy system. <i>Expert Systems With Applications</i> , 2005, 29, 272-290.	7.9	83
54	How important are supply chain collaborative factors in supply chain finance? A view of financial service providers in China. <i>International Journal of Production Economics</i> , 2020, 219, 341-346.	9.2	83

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55	Evaluation of the supplier performance using an evolutionary fuzzy-based approach. <i>Journal of Manufacturing Technology Management</i> , 2004, 15, 735-744.	6.5	82
56	A modified genetic algorithm approach for scheduling of perfect maintenance in distributed production scheduling. <i>Engineering Applications of Artificial Intelligence</i> , 2009, 22, 1005-1014.	8.3	82
57	Understanding the effect of cloud computing on organizational agility: An empirical examination. <i>International Journal of Information Management</i> , 2018, 43, 98-111.	18.5	82
58	A three-stage and multi-objective stochastic programming model to improve the sustainable rescue ability by considering secondary disasters in emergency logistics. <i>Computers and Industrial Engineering</i> , 2019, 135, 1145-1154.	6.5	81
59	Bare bones artificial bee colony algorithm with parameter adaptation and fitness-based neighborhood. <i>Information Sciences</i> , 2015, 316, 180-200.	7.2	80
60	Channel coordination of a two-echelon sustainable supply chain with a fair-minded retailer under cap-and-trade regulation. <i>Journal of Cleaner Production</i> , 2020, 244, 118715.	9.5	78
61	Integration of web-based and RFID technology in visualizing logistics operations – a case study. <i>Supply Chain Management</i> , 2007, 12, 221-234.	6.7	77
62	A survey on reverse logistics system of mobile phone industry in Hong Kong. <i>Management Decision</i> , 2008, 46, 702-708.	4.0	77
63	Implementing just-in-time philosophy to reverse logistics systems: a review. <i>International Journal of Production Research</i> , 2010, 48, 6293-6313.	6.9	77
64	A framework of reverse logistics for the automobile industry. <i>International Journal of Production Research</i> , 2012, 50, 1318-1331.	6.9	77
65	IFSJSP: A novel methodology for the Job-Shop Scheduling Problem based on intuitionistic fuzzy sets. <i>International Journal of Production Research</i> , 2013, 51, 5100-5119.	6.9	77
66	Investment appraisal techniques for advanced manufacturing technology (AMT): a literature review. <i>Journal of Manufacturing Technology Management</i> , 2001, 12, 35-47.	0.5	74
67	Analysis of the determinants of consumers' m-commerce usage activities. <i>Online Information Review</i> , 2013, 37, 443-461.	3.3	72
68	A genetic algorithm for facility layout problems. <i>Computer Integrated Manufacturing Systems</i> , 1998, 11, 113-127.	0.1	71
69	Inventory management in a lateral collaborative manufacturing supply chain: a simulation study. <i>International Journal of Production Research</i> , 2012, 50, 4670-4685.	6.9	71
70	A multi-criterion genetic algorithm for order distribution in a demand driven supply chain. <i>International Journal of Computer Integrated Manufacturing</i> , 2004, 17, 339-351.	4.7	69
71	A joint production scheduling approach considering multiple resources and preventive maintenance tasks. <i>International Journal of Production Research</i> , 2013, 51, 883-896.	6.9	68
72	Multicriterion genetic optimization for due date assigned distribution network problems. <i>Decision Support Systems</i> , 2005, 39, 661-675.	6.2	67

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73	An extended multi-criteria group decision-making method with psychological factors and bidirectional influence relation for emergency medical supplier selection. <i>Expert Systems With Applications</i> , 2022, 202, 117414.	7.9	67
74	Optimizing the intermodal transportation of emergency medical supplies using balanced fuzzy clustering. <i>International Journal of Production Research</i> , 2016, 54, 4368-4386.	6.9	66
75	Management of sustainable manufacturing systems-a review on mathematical problems. <i>International Journal of Production Research</i> , 2017, 55, 1210-1225.	6.9	65
76	On-line order batching and sequencing problem with multiple pickers: A hybrid rule-based algorithm. <i>Applied Mathematical Modelling</i> , 2017, 45, 271-284.	4.3	64
77	The effects of routing flexibility on a flexible manufacturing system. <i>International Journal of Computer Integrated Manufacturing</i> , 2001, 14, 431-445.	4.7	63
78	Multi-criteria genetic optimization for distribution network problems. <i>International Journal of Advanced Manufacturing Technology</i> , 2004, 24, 517-532.	3.0	63
79	A resource-constrained assembly job shop scheduling problem with Lot Streaming technique. <i>Computers and Industrial Engineering</i> , 2009, 57, 983-995.	6.5	63
80	A fuzzy guided multi-objective evolutionary algorithm model for solving transportation problem. <i>Expert Systems With Applications</i> , 2009, 36, 8255-8268.	7.9	63
81	Energy based sustainability evaluation of remanufacturing machining systems. <i>Energy</i> , 2018, 150, 670-680.	9.0	63
82	Quasi-Newton methods for solving multiobjective optimization. <i>Operations Research Letters</i> , 2011, 39, 397-399.	0.7	62
83	FMS scheduling with knowledge based genetic algorithm approach. <i>Expert Systems With Applications</i> , 2011, 38, 3161-3171.	7.9	62
84	A new optimal consensus method with minimum cost in fuzzy group decision. <i>Knowledge-Based Systems</i> , 2012, 35, 357-360.	7.4	61
85	Artificial bee colony algorithm with multiple search strategies. <i>Applied Mathematics and Computation</i> , 2015, 271, 269-287.	2.3	61
86	Maintenance policy selection in manufacturing firms using the fuzzy MCDM approach. <i>International Journal of Production Research</i> , 2012, 50, 7044-7056.	6.9	60
87	Lot streaming for product assembly in job shop environment. <i>Robotics and Computer-Integrated Manufacturing</i> , 2008, 24, 321-331.	10.2	59
88	Effects of information transparency and cooperation on supply chain performance: a simulation study. <i>International Journal of Production Research</i> , 2010, 48, 145-166.	6.9	58
89	A Granular GA-SVM Predictor for Big Data in Agricultural Cyber-Physical Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 6510-6521.	12.1	57
90	The future trend on system-wide modelling in supply chain studies. <i>International Journal of Advanced Manufacturing Technology</i> , 2005, 25, 820-832.	3.0	56

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91	Optimizing replenishment policies using Genetic Algorithm for single-warehouse multi-retailer system. Expert Systems With Applications, 2012, 39, 3081-3086.	7.9	56
92	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.	6.9	56
93	Predicting the consumer's purchase intention of durable goods: An attribute-level analysis. Journal of Business Research, 2019, 94, 408-419.	10.6	55
94	An integrated closed-loop supply chain model with location allocation problem and product recycling decisions. International Journal of Production Research, 2015, 53, 3120-3140.	6.9	54
95	Agriculture IoT: Emerging Trends, Cooperation Networks, and Outlook. IEEE Wireless Communications, 2019, 26, 56-63.	10.4	54
96	Do interorganisational relationships and knowledge-management practices enhance collaborative commerce adoption?. International Journal of Production Research, 2013, 51, 2006-2018.	6.9	53
97	D-CFPR: D numbers extended consistent fuzzy preference relations. Knowledge-Based Systems, 2015, 73, 61-68.	7.4	53
98	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.	4.3	52
99	Organizing a virtual manufacturing enterprise: an analytic network process based approach for enterprise flexibility. International Journal of Production Research, 2009, 47, 163-186.	6.9	51
100	An integrated approach for logistic and vendor managed inventory in supply chain. Expert Systems With Applications, 2010, 37, 39-44.	7.9	51
101	Analysis of dynamic dispatching rules for a flexible manufacturing system. Journal of Materials Processing Technology, 2003, 138, 325-331.	6.4	50
102	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.	6.6	50
103	A review of performance measurement systems for supply chain management. International Journal of Business Performance Management, 2006, 8, 110.	0.3	49
104	Development of a decision support system for air-cargo pallets loading problem: A case study. Expert Systems With Applications, 2006, 31, 472-485.	7.9	48
105	Optimization of Order Fulfillment in Distribution Network Problems. Journal of Intelligent Manufacturing, 2006, 17, 307-319.	7.5	48
106	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.	3.0	48
107	Inventory management of perishable products: a time decay linked logistic approach. International Journal of Production Research, 2013, 51, 3864-3879.	6.9	48
108	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.	2.5	48

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109	Airline schedule planning: a review and future directions. <i>Industrial Management and Data Systems</i> , 2017, 117, 1201-1243.	3.9	48
110	Evaluating the Drivers to Information and Communication Technology for Effective Sustainability Initiatives in Supply Chains. <i>International Journal of Information Technology and Decision Making</i> , 2018, 17, 311-338.	3.7	48
111	Hybrid tabu-simulated annealing based approach to solve multi-constraint product mix decision problem. <i>Expert Systems With Applications</i> , 2005, 29, 446-454.	7.9	47
112	A systematic approach to manufacturing packaging logistics. <i>International Journal of Advanced Manufacturing Technology</i> , 2006, 29, 1088-1101.	3.0	47
113	Effect of kanban size on just-in-time manufacturing systems. <i>Journal of Materials Processing Technology</i> , 2001, 116, 146-160.	6.4	46
114	Flexibility and adaptability in supply chains: a lesson learnt from a practitioner. <i>Supply Chain Management</i> , 2009, 14, 407-410.	6.7	46
115	A holonic architecture of the concurrent integrated process planning system. <i>Journal of Materials Processing Technology</i> , 2003, 139, 267-272.	6.4	45
116	Lean principles and simulation optimization for emergency department layout design. <i>Industrial Management and Data Systems</i> , 2015, 115, 678-699.	3.9	45
117	Pareto mimic algorithm: An approach to the team orienteering problem. <i>Omega</i> , 2016, 61, 155-166.	6.1	45
118	A mathematical model and algorithms for the aircraft hangar maintenance scheduling problem. <i>Applied Mathematical Modelling</i> , 2019, 67, 491-509.	4.3	45
119	A two-stage robust optimisation for terminal traffic flow problem. <i>Applied Soft Computing Journal</i> , 2020, 89, 106048.	7.4	45
120	The application of genetic algorithms to lot streaming in a job-shop scheduling problem. <i>International Journal of Production Research</i> , 2009, 47, 3387-3412.	6.9	44
121	Design and evaluation of automated cellular manufacturing systems with simulation modelling and AHP approach: a case study. <i>Journal of Manufacturing Technology Management</i> , 1996, 7, 39-52.	0.5	43
122	Agent oriented petroleum supply chain coordination: Co-evolutionary Particle Swarm Optimization based approach. <i>Expert Systems With Applications</i> , 2011, 38, 6132-6145.	7.9	43
123	An evidential game theory framework in multi-criteria decision making process. <i>Applied Mathematics and Computation</i> , 2014, 244, 783-793.	2.3	43
124	A study of distribution center location based on the rough sets and interactive multi-objective fuzzy decision theory. <i>Robotics and Computer-Integrated Manufacturing</i> , 2011, 27, 426-433.	10.2	42
125	A modified multi-criterion optimization genetic algorithm for order distribution in collaborative supply chain. <i>Applied Mathematical Modelling</i> , 2013, 37, 7855-7864.	4.3	42
126	Hidden Markov model-based autonomous manufacturing task orchestration in smart shop floors. <i>Robotics and Computer-Integrated Manufacturing</i> , 2020, 61, 101845.	10.2	42

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127	A RFID-case-based sample management system for fashion product development. <i>Engineering Applications of Artificial Intelligence</i> , 2009, 22, 882-896.	8.3	41
128	Integrated scheduling of a multi-product multi-factory manufacturing system with maritime transport limits. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015, 79, 110-127.	7.5	41
129	Joint optimization using a leader-follower Stackelberg game for coordinated configuration of stochastic operational aircraft maintenance routing and maintenance staffing. <i>Computers and Industrial Engineering</i> , 2018, 125, 46-68.	6.5	41
130	An individual dependent multi-colony artificial bee colony algorithm. <i>Information Sciences</i> , 2019, 485, 114-140.	7.2	41
131	A fuzzy integrated decision-making support system for scheduling of FMS using simulation. <i>Computer Integrated Manufacturing Systems</i> , 1997, 10, 27-34.	0.1	39
132	A workload balancing genetic algorithm for the quay crane scheduling problem. <i>International Journal of Production Research</i> , 2013, 51, 4820-4834.	6.9	39
133	An intelligent physarum solver for supply chain network design under profit maximization and oligopolistic competition. <i>International Journal of Production Research</i> , 2017, 55, 244-263.	6.9	39
134	Social media usage and employee's job performance. <i>Industrial Management and Data Systems</i> , 2019, 119, 1908-1925.	3.9	39
135	A fuzzy extended analytic network process-based approach for global supplier selection. <i>Applied Intelligence</i> , 2015, 43, 760-772.	5.6	38
136	Real time fuzzy scheduling rules in FMS. <i>Journal of Intelligent Manufacturing</i> , 2003, 14, 341-350.	7.5	37
137	Coordinating and pricing decisions in two competitive reverse supply chains with different channel structures. <i>International Journal of Production Research</i> , 2019, 57, 2601-2625.	6.9	37
138	An IoT-based E-business model of intelligent vegetable greenhouses and its key operations management issues. <i>Neural Computing and Applications</i> , 2020, 32, 15341-15356.	5.7	37
139	Design of material handling equipment selection system: an integration of expert system with analytic hierarchy process approach. <i>Journal of Manufacturing Technology Management</i> , 2002, 13, 58-68.	0.5	36
140	Aggregate procurement, production, and shipment planning decision problem for a three-echelon supply chain using swarm-based heuristics. <i>International Journal of Production Research</i> , 2011, 49, 2873-2905.	6.9	36
141	Optimal scheduling of household appliances for smart home energy management considering demand response. <i>Natural Hazards</i> , 2017, 88, 1639-1653.	3.4	36
142	Aircraft parking stand allocation problem with safety consideration for independent hangar maintenance service providers. <i>Computers and Operations Research</i> , 2018, 91, 225-236.	4.1	36
143	Random Forest-Bayesian Optimization for Product Quality Prediction With Large-Scale Dimensions in Process Industrial Cyber-Physical Systems. <i>IEEE Internet of Things Journal</i> , 2020, 7, 8641-8653.	9.3	36
144	Explainable machine learning in image classification models: An uncertainty quantification perspective. <i>Knowledge-Based Systems</i> , 2022, 243, 108418.	7.4	36

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145	Simulation modeling for comparative evaluation of supply chain management strategies. <i>International Journal of Advanced Manufacturing Technology</i> , 2005, 25, 998-1006.	3.0	35
146	AMWRPN: Ambiguity Measure Weighted Risk Priority Number Model for Failure Mode and Effects Analysis. <i>IEEE Access</i> , 2018, 6, 27103-27110.	4.4	35
147	Analysis of dynamic control strategies of an FMS under different scenarios. <i>Robotics and Computer-Integrated Manufacturing</i> , 2004, 20, 423-437.	10.2	34
148	Inventory performance of some supply chain inventory policies under impulse demands. <i>International Journal of Production Research</i> , 2009, 47, 3307-3332.	6.9	34
149	Multi-objective configuration optimization for product-extension service. <i>Journal of Manufacturing Systems</i> , 2015, 37, 113-125.	14.4	34
150	Bi-objective optimization of three echelon supply chain involving truck selection and loading using NSGA-II with heuristics algorithm. <i>Applied Soft Computing Journal</i> , 2016, 38, 978-987.	7.4	34
151	Optimal option purchase decision of a loss-averse retailer under emergent replenishment. <i>International Journal of Production Research</i> , 2019, 57, 4594-4620.	6.9	34
152	Matchmaking in reward-based crowdfunding platforms: a hybrid machine learning approach. <i>International Journal of Production Research</i> , 2022, 60, 7551-7571.	6.9	34
153	A real-time warehouse operations planning system for small batch replenishment problems in production environment. <i>Expert Systems With Applications</i> , 2011, 38, 8524-8537.	7.9	33
154	A two-stage analysis of the influences of employee alignment on effecting businessâ€™IT alignment. <i>Decision Support Systems</i> , 2012, 53, 490-498.	6.2	33
155	An integrated fuzzy approach for the selection of manufacturing technologies. <i>International Journal of Advanced Manufacturing Technology</i> , 2006, 27, 747-758.	3.0	32
156	Effective allocation of customers to distribution centres: A multiple ant colony optimization approach. <i>Robotics and Computer-Integrated Manufacturing</i> , 2009, 25, 1-12.	10.2	32
157	A superiority search and optimisation algorithm to solve RFID and an environmental factor embedded closed loop logistics model. <i>International Journal of Production Research</i> , 2011, 49, 4807-4831.	6.9	32
158	Decision and information interoperability for improving performance of product recovery systems. <i>Decision Support Systems</i> , 2012, 53, 448-457.	6.2	32
159	An innovative supply chain performance measurement system incorporating Research and Development (R&D) and marketing policy. <i>Computers and Industrial Engineering</i> , 2014, 69, 64-70.	6.5	32
160	A simulation approach in supply chain management. <i>Journal of Manufacturing Technology Management</i> , 2002, 13, 117-122.	0.5	31
161	Agent- and CORBA-Based Application Integration Platform for an Agile Manufacturing Environment. <i>International Journal of Advanced Manufacturing Technology</i> , 2003, 21, 460-468.	3.0	31
162	A quantum framework for modelling subjectivity in multi-attribute group decision making. <i>Computers and Industrial Engineering</i> , 2018, 124, 560-572.	6.5	31

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163	Data analytics in managing aircraft routing and maintenance staffing with price competition by a Stackelberg-Nash game model. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 122, 143-168.	7.5	31
164	An energy-aware cyber physical system for energy Big data analysis and recessive production anomalies detection in discrete manufacturing workshops. <i>International Journal of Production Research</i> , 2020, 58, 7059-7077.	6.9	31
165	A fuzzy approach to operation selection. <i>Engineering Applications of Artificial Intelligence</i> , 1997, 10, 345-356.	8.3	30
166	Evaluations of operational control rules in scheduling a flexible manufacturing system. <i>Robotics and Computer-Integrated Manufacturing</i> , 1999, 15, 121-132.	10.2	30
167	Development of performance measurement system in managing supplier relationship for maintenance logistics providers. <i>Benchmarking</i> , 2007, 14, 352-368.	4.9	30
168	Integration of manufacturing and distribution networks in a global car company – network models and numerical simulation. <i>International Journal of Production Research</i> , 2011, 49, 3127-3149.	6.9	30
169	A genetic algorithm approach for production scheduling with mould maintenance consideration. <i>International Journal of Production Research</i> , 2012, 50, 5683-5697.	6.9	30
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