

Carman K Lee

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.

190 papers	3,505 citations	29 h-index	50 g-index
212 ext. papers	4,368 ext. citations	4.9 avg, IF	6.09 L-index

#	Paper	IF	Citations
190	Promoting employee health in smart office: A survey. <i>Advanced Engineering Informatics</i> , 2022 , 51, 101518	7.4	7
189	Industrial internet of things-driven storage location assignment and order picking in a resource synchronization and sharing-based robotic mobile fulfillment system. <i>Advanced Engineering Informatics</i> , 2022 , 52, 101540	7.4	4
188	AR-assisted digital twin-enabled robot collaborative manufacturing system with human-in-the-loop. <i>Robotics and Computer-Integrated Manufacturing</i> , 2022 , 76, 102321	9.2	6
187	Artificial intelligence in industrial design: A semi-automated literature survey. <i>Engineering Applications of Artificial Intelligence</i> , 2022 , 112, 104884	7.2	2
186	Dynamic Pricing for EV Charging Stations: A Deep Reinforcement Learning Approach. <i>IEEE Transactions on Transportation Electrification</i> , 2021 , 1-1	7.6	0
185	Capacity Planning for an Electric Vehicle Charging Station Considering Fuzzy Quality of Service and Multiple Charging Options. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	1
184	Risk quantification in cold chain management: a federated learning-enabled multi-criteria decision-making methodology. <i>Industrial Management and Data Systems</i> , 2021 , ahead-of-print,	3.6	5
183	Mathematical programming formulations for robust airside terminal traffic flow optimisation problem. <i>Computers and Industrial Engineering</i> , 2021 , 154, 107119	6.4	8
182	American sign language recognition and training method with recurrent neural network. <i>Expert Systems With Applications</i> , 2021 , 167, 114403	7.8	16
181	Design of a CAVE Immersive Visualization System for Teaching and Learning: A Case Study of Air Cargo Logistics. <i>Creativity in the Twenty First Century</i> , 2021 , 35-48	0.2	
180	A multigene genetic programming-based fuzzy regression approach for modelling customer satisfaction based on online reviews. <i>Soft Computing</i> , 2021 , 25, 5395-5410	3.5	3
179	A systematic literature review on intelligent automation: Aligning concepts from theory, practice, and future perspectives. <i>Advanced Engineering Informatics</i> , 2021 , 47, 101246	7.4	27
178	Unlocking the power of big data analytics in new product development: An intelligent product design framework in the furniture industry. <i>Journal of Manufacturing Systems</i> , 2021 ,	9.1	5
177	Intelligent workload balance control of the assembly process considering condition-based maintenance. <i>Advanced Engineering Informatics</i> , 2021 , 49, 101341	7.4	2
176	Comparative sustainability efficiency measurement of energy storages under uncertainty: An innovative framework based on interval SBM model. <i>Journal of Energy Storage</i> , 2021 , 40, 102808	7.8	3
175	A Blockchain-IoT Platform for the Smart Pallet Pooling Management. <i>Sensors</i> , 2021 , 21,	3.8	4
174	Improved design of heat-pump extractive distillation based on the process optimization and multi-criteria sustainability analysis. <i>Computers and Chemical Engineering</i> , 2021 , 156, 107552	4	5

173	Formulation and Prioritization of Sustainable New Product Design in Smart Glasses Development. <i>Sustainability</i> , 2021 , 13, 10323	3.6	0
172	Sustainability prioritization of energy systems under hybrid information and missing information based on the improved grey relational analysis. <i>Sustainable Energy Technologies and Assessments</i> , 2021 , 47, 101543	4.7	0
171	Data-driven order correlation pattern and storage location assignment in robotic mobile fulfillment and process automation system. <i>Advanced Engineering Informatics</i> , 2021 , 50, 101369	7.4	6
170	Towards customization: Evaluation of integrated sales, product, and production configuration. <i>International Journal of Production Economics</i> , 2020 , 229, 107775	9.3	11
169	System Dynamic Modelling of Patient Flow and Transferral Problem in a Mixed Public-Private Healthcare System: A Case Study of Hong Kong SAR. <i>Journal of Systems Science and Systems Engineering</i> , 2020 , 29, 590-608	1.2	2
168	An integrated online pick-to-sort order batching approach for managing frequent arrivals of B2B e-commerce orders under both fixed and variable time-window batching. <i>Advanced Engineering Informatics</i> , 2020 , 45, 101125	7.4	12
167	Cloud-Based Cyber-Physical Robotic Mobile Fulfillment Systems: A Case Study of Collision Avoidance. <i>IEEE Access</i> , 2020 , 8, 89318-89336	3.5	16
166	Design of a Smart Manufacturing System With the Application of Multi-Access Edge Computing and Blockchain Technology. <i>IEEE Access</i> , 2020 , 8, 28659-28667	3.5	21
165	Smart control of the assembly process with a fuzzy control system in the context of Industry 4.0. <i>Advanced Engineering Informatics</i> , 2020 , 43, 101031	7.4	15
164	The joint effects of information and communication technology development and intercultural miscommunication on international trade: Evidence from China and its trading partners. <i>Industrial Marketing Management</i> , 2020 , 89, 40-49	6.9	3
163	A two-stage robust optimisation for terminal traffic flow problem. <i>Applied Soft Computing Journal</i> , 2020 , 89, 106048	7.5	29
162	Intelligent service capacity allocation for cross-border-E-commerce related third-party-forwarding logistics operations: A deep learning approach. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020 , 134, 101834	9	48
161	Cloud-based Cyber-Physical Robotic Mobile Fulfillment Systems Considering Order Correlation Pattern 2020 ,		3
160	The Prediction of Flight Delay: Big Data-driven Machine Learning Approach 2020 ,		2
159	. <i>IEEE/ASME Transactions on Mechatronics</i> , 2020 , 25, 2027-2034	5.5	19
158	A Large Neighbourhood Search Approach to Airline Schedule Disruption Recovery Problem 2020 ,		1
157	Sustainability prioritization framework of biorefinery: A novel multi-criteria decision-making model under uncertainty based on an improved interval goal programming method. <i>Journal of Cleaner Production</i> , 2020 , 251, 119729	10.3	13
156	Prioritization of sludge-to-energy technologies under multi-data condition based on multi-criteria decision-making analysis. <i>Journal of Cleaner Production</i> , 2020 , 273, 123082	10.3	13

155	A game theoretic decision model for organic food supplier evaluation in the global supply chains. <i>Journal of Cleaner Production</i> , 2020 , 242, 118536	10.3	18
154	An Alternative Path Modelling Method for Air Traffic Flow Problem in Near Terminal Control Area 2019 ,		3
153	Product + logistics Bundling sale and co-delivery in cross-border e-commerce. <i>Electronic Commerce Research</i> , 2019 , 19, 915-941	2.1	12
152	A B2B flexible pricing decision support system for managing the request for quotation process under e-commerce business environment. <i>International Journal of Production Research</i> , 2019 , 57, 6528-6551	7.8	25
151	Prediction of B2C e-commerce order arrival using hybrid autoregressive-adaptive neuro-fuzzy inference system (AR-ANFIS) for managing fluctuation of throughput in e-fulfilment centres. <i>Expert Systems With Applications</i> , 2019 , 134, 304-324	7.8	10
150	Coordinate the economic and environmental sustainability via procurement outsourcing in a co-opetitive supply chain. <i>Resources, Conservation and Recycling</i> , 2019 , 146, 17-27	11.9	25
149	Order timing and tax planning when selling to a rival in a low-tax emerging market. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019 , 123, 165-179	9	20
148	In-Plant Logistics Simulation Model for the Catering Service Industry Towards Sustainable Development: A Case Study. <i>Sustainability</i> , 2019 , 11, 3655	3.6	7
147	Smart robotic mobile fulfillment system with dynamic conflict-free strategies considering cyber-physical integration. <i>Advanced Engineering Informatics</i> , 2019 , 42, 100998	7.4	36
146	Design of An Integration Model for Air Cargo Transportation Network Design and Flight Route Selection. <i>Sustainability</i> , 2019 , 11, 5197	3.6	8
145	Using fuzzy-based association rule mining to improve production systems for chemical product development. <i>International Journal of Productivity and Quality Management</i> , 2019 , 26, 446	0.3	3
144	Mobile Robots Charging Assignment Problem with Time Windows in Robotic Mobile Fulfilment System 2019 ,		3
143	A Bluetooth Location-based Indoor Positioning System for Asset Tracking in Warehouse 2019 ,		4
142	Pricing Strategy in Dual-Channel Supply Chains with Loss-Averse Consumers. <i>Asia-Pacific Journal of Operational Research</i> , 2019 , 36, 1950027	0.8	6
141	Transfer pricing and channel structure of a multinational firm under overseas retail disruption risk. <i>International Journal of Production Research</i> , 2019 , 57, 2901-2925	7.8	14
140	An adaptive clinical decision support system for serving the elderly with chronic diseases in healthcare industry. <i>Expert Systems</i> , 2019 , 36, e12369	2.1	15
139	A system dynamics model for evaluating food waste management in Hong Kong, China. <i>Journal of Material Cycles and Waste Management</i> , 2019 , 21, 433-456	3.4	17
138	Strategic response to Industry 4.0: an empirical investigation on the Chinese automotive industry. <i>Industrial Management and Data Systems</i> , 2018 , 118, 589-605	3.6	124

137	A product affective properties identification approach based on web mining in a crowdsourcing environment. <i>Journal of Engineering Design</i> , 2018 , 29, 449-483	1.8	6
136	Review on meta-heuristics approaches for airside operation research. <i>Applied Soft Computing Journal</i> , 2018 , 66, 104-133	7.5	57
135	Design and application of Internet of things-based warehouse management system for smart logistics. <i>International Journal of Production Research</i> , 2018 , 56, 2753-2768	7.8	145
134	A B2C e-commerce intelligent system for re-engineering the e-order fulfilment process. <i>Expert Systems With Applications</i> , 2018 , 91, 386-401	7.8	69
133	A multi-group analysis of social media engagement and loyalty constructs between full-service and low-cost carriers in Hong Kong. <i>Journal of Air Transport Management</i> , 2018 , 73, 46-57	5.1	28
132	An outcome-based process optimization model using fuzzy-based association rules. <i>Industrial Management and Data Systems</i> , 2018 , 118, 1138-1152	3.6	3
131	Simulation-based Multiple Automated Guided Vehicles Considering Charging and Collision-free Requirements in Automatic Warehouse 2018 ,		8
130	Smart City Application and Analysis: Real-time Urban Drainage Monitoring by IoT Sensors: A Case Study of Hong Kong 2018 ,		10
129	IoT based Omni-Channel Logistics Service in Industry 4.0 2018 ,		9
128	Assembly Line Balancing Based on Beam Ant Colony Optimisation. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-17	1.1	4
127	Procurement risk management under uncertainty: a review. <i>Industrial Management and Data Systems</i> , 2018 , 118, 1547-1574	3.6	17
126	Development of a three-tier assessment model: a case study. <i>Benchmarking</i> , 2018 , 25, 2216-2229	4	4
125	Design and development of a unified framework towards swarm intelligence. <i>Artificial Intelligence Review</i> , 2017 , 47, 253-277	9.7	7
124	Development of an industrial Internet of things suite for smart factory towards re-industrialization. <i>Advances in Manufacturing</i> , 2017 , 5, 335-343	2.7	41
123	Design and development of inventory knowledge discovery system. <i>Enterprise Information Systems</i> , 2017 , 11, 1262-1282	3.5	3
122	Air cargo revenue management under buy-back policy. <i>Journal of Air Transport Management</i> , 2017 , 61, 53-63	5.1	15
121	Application of interpretive structural modelling for analyzing the factors of IoT adoption on supply chains in the Chinese agricultural industry 2017 ,		2
120	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		66

119	A robust optimisation approach to the aircraft sequencing and scheduling problem with runway configuration planning 2017 ,		5
118	A HIERARCHICAL MODEL FOR ECO-DESIGN OF CONSUMER ELECTRONIC PRODUCTS. <i>Technological and Economic Development of Economy</i> , 2017 , 21, 48-64	4.7	11
117	Big Data Analytics for Predictive Maintenance Strategies. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2017 , 50-74	0.3	15
116	Aircraft Scheduling Considering Discrete Airborne Delay and Holding Pattern in the Near Terminal Area. <i>Lecture Notes in Computer Science</i> , 2017 , 567-576	0.9	7
115	A multiple colonies artificial bee colony algorithm for a capacitated vehicle routing problem and re-routing strategies under time-dependent traffic congestion. <i>Computers and Industrial Engineering</i> , 2017 , 109, 151-168	6.4	78
114	Multi-objective optimization for sustainable supply chain network design considering multiple distribution channels. <i>Expert Systems With Applications</i> , 2016 , 65, 87-99	7.8	66
113	A mathematical model for municipal solid waste management - A case study in Hong Kong. <i>Waste Management</i> , 2016 , 58, 430-441	8.6	57
112	Sales effort deployment in decentralized dual-channel distribution. <i>Industrial Management and Data Systems</i> , 2016 , 116, 821-837	3.6	5
111	Managing supply chain knowledge-based linkages for improving operational performance. <i>Knowledge Management Research and Practice</i> , 2016 , 14, 256-269	2.1	9
110	An integrated model for strategic supply chain design: Formulation and ABC-based solution approach. <i>Expert Systems With Applications</i> , 2016 , 52, 39-49	7.8	17
109	Joint decision of product configuration and remanufacturing for product family design. <i>International Journal of Production Research</i> , 2016 , 54, 4689-4702	7.8	23
108	Production control policy for tandem workstations with constant service times and queue time constraints. <i>International Journal of Production Research</i> , 2016 , 54, 6302-6316	7.8	9
107	Queue Time Approximations for a Cluster Tool With Job Cascading. <i>IEEE Transactions on Automation Science and Engineering</i> , 2016 , 13, 1200-1206	4.9	6
106	A modified Variable Neighborhood Search for aircraft Landing Problem 2016 ,		4
105	Research on effect factors evaluation of internet of things (IOT) adoption in Chinese agricultural supply chain 2016 ,		14
104	Makespan minimization in aircraft landing problem under congested traffic situation using modified artificial bee colony algorithm 2016 ,		10
103	Flexible vehicle scheduling for Urban Last Mile Logistics: The emerging technology of Shared Reception Box 2016 ,		3
102	Analyze the healthcare service requirement using fuzzy QFD. <i>Computers in Industry</i> , 2015 , 74, 1-15	11.6	54

101	Swarm intelligence applied in green logistics: A literature review. <i>Engineering Applications of Artificial Intelligence</i> , 2015 , 37, 154-169	7.2	92
100	Design and development of a performance evaluation system for the aircraft maintenance industry 2015 ,		5
99	Providing decision support for replenishment operations using a genetic algorithms based fuzzy system. <i>Expert Systems</i> , 2015 , 32, 23-38	2.1	1
98	Heuristics for integrated job assignment and scheduling in the multi-plant remanufacturing system. <i>International Journal of Production Research</i> , 2015 , 53, 2674-2689	7.8	7
97	Research on IoT based Cyber Physical System for Industrial big data Analytics 2015 ,		21
96	An Improved Artificial Bee Colony Algorithm for the Capacitated Vehicle Routing Problem 2015 ,		5
95	Explore the feasibility of adopting crowdsourcing for innovative problem solving. <i>Industrial Management and Data Systems</i> , 2015 , 115, 803-832	3.6	16
94	A knowledge-based logistics operations planning system for mitigating risk in warehouse order fulfillment. <i>International Journal of Production Economics</i> , 2015 , 170, 763-779	9.3	40
93	Strategic sourcing supplier selection misalignment with critical success factors: Findings from multiple case studies in Germany and the United Kingdom. <i>International Journal of Production Economics</i> , 2015 , 166, 238-247	9.3	33
92	Vehicle scheduling and routing at a cross docking center for food supply chains. <i>International Journal of Production Economics</i> , 2014 , 152, 29-41	9.3	83
91	A crowdsourcing development approach based on a neuro-fuzzy network for creating innovative product concepts. <i>Neurocomputing</i> , 2014 , 142, 60-72	5.4	16
90	An attribute chart for monitoring the process mean and variance. <i>International Journal of Production Research</i> , 2014 , 52, 3366-3380	7.8	24
89	An order-picking operations system for managing the batching activities in a warehouse. <i>International Journal of Systems Science</i> , 2014 , 45, 1283-1295	2.3	24
88	Review of life cycle assessment towards sustainable product development. <i>Journal of Cleaner Production</i> , 2014 , 83, 48-60	10.3	101
87	Proactive and reactive purchasing planning under dependent demand, price, and yield risks. <i>OR Spectrum</i> , 2014 , 36, 1055-1076	1.9	14
86	Empirical Analysis of a Self-Service Check-In Implementation in Singapore Changi Airport. <i>International Journal of Engineering Business Management</i> , 2014 , 6, 6	1.9	11
85	Effective asset management for hospitals with RFID 2014 ,		2
84	Strategic procurement from forward contract and spot market. <i>Industrial Management and Data Systems</i> , 2014 , 114, 778-796	3.6	9

83	A food monitoring system for preventing product deterioration. <i>International Journal of Food Safety, Nutrition and Public Health</i> , 2014 , 5, 54	0	1
82	Enabling green design with TRIZ 2014 ,		1
81	Design and development of a hybrid artificial bee colony algorithm for the environmental vehicle routing problem. <i>Transportation Research, Part D: Transport and Environment</i> , 2014 , 31, 85-99	6.4	102
80	Design and development waste management system in Hong Kong 2014 ,		6
79	Multi-level genetic algorithm for the resource-constrained re-entrant scheduling problem in the flow shop. <i>Engineering Applications of Artificial Intelligence</i> , 2013 , 26, 1282-1290	7.2	14
78	Priority-Based Distributed Manufacturing Process Modeling via Hierarchical Timed Color Petri Net. <i>IEEE Transactions on Industrial Informatics</i> , 2013 , 9, 1836-1846	11.9	15
77	Optimal average sample number of the SPRT chart for monitoring fraction nonconforming. <i>European Journal of Operational Research</i> , 2013 , 229, 411-421	5.6	18
76	A real-time risk control and monitoring system for incident handling in wine storage. <i>Expert Systems With Applications</i> , 2013 , 40, 3665-3678	7.8	19
75	A decision support system for procurement risk management in the presence of spot market. <i>Decision Support Systems</i> , 2013 , 55, 67-78	5.6	29
74	An Adaptive CUSUM Chart with Single Sample Size for Monitoring Process Mean and Variance. <i>Quality and Reliability Engineering International</i> , 2013 , 29, 1027-1039	2.6	14
73	Radio Frequency Identification (RFID) Application in Remanufacturing Operations. <i>Applied Mechanics and Materials</i> , 2013 , 315, 103-107	0.3	0
72	Optimization of facility location problem in reverse logistics network using Artificial Bee Colony algorithm 2013 ,		3
71	Risk modelling and assessment for distributed manufacturing system. <i>International Journal of Production Research</i> , 2013 , 51, 2652-2666	7.8	27
70	Customer grouping for better resources allocation using GA based clustering technique. <i>Expert Systems With Applications</i> , 2012 , 39, 1979-1987	7.8	47
69	Strategic logistics outsourcing: An integrated QFD and fuzzy AHP approach. <i>Expert Systems With Applications</i> , 2012 , 39, 10841-10850	7.8	131
68	A real option theoretic fuzzy evaluation model for enterprise resource planning investment. <i>Journal of Engineering and Technology Management - JET-M</i> , 2012 , 29, 47-61	3.7	24
67	Adoption of Genetic Algorithm for Cross-Docking Scheduling with Time Window. <i>Decision Engineering</i> , 2012 , 1-22	0.1	1
66	An optimal design algorithm of the SPRT chart for minimizing weighted ATS. <i>International Journal of Production Economics</i> , 2012 , 139, 564-574	9.3	12

65	Managing reverse logistics to enhance sustainability of industrial marketing. <i>Industrial Marketing Management</i> , 2012 , 41, 589-598	6.9	120
64	Integrating analytical hierarchy process to genetic algorithm for re-entrant flow shop scheduling problem. <i>International Journal of Production Research</i> , 2012 , 50, 1813-1824	7.8	15
63	RFID-based colored Petri net applied for quality monitoring in manufacturing system. <i>International Journal of Advanced Manufacturing Technology</i> , 2012 , 60, 225-236	3.2	19
62	An integrated framework for outsourcing risk management. <i>Industrial Management and Data Systems</i> , 2012 , 112, 541-558	3.6	24
61	Supplier evaluation and selection: a hybrid model based on DEAHP and ABC. <i>International Journal of Production Research</i> , 2012 , 50, 1877-1889	7.8	28
60	The X control chart for monitoring process shifts in mean and variance. <i>International Journal of Production Research</i> , 2012 , 50, 893-907	7.8	17
59	Design and evaluation of an integrated inventory and transportation system. <i>Transportation Planning and Technology</i> , 2012 , 35, 491-507	1.6	
58	Modelling and Risk Management in the Offshore and Marine Industry Supply Chain. <i>International Journal of Engineering Business Management</i> , 2012 , 4, 2	1.9	4
57	Managing Uncertain Inventory in Supply Chain with Neural Network and Radio Frequency Identification (RFID) 2012 , 155-170		
56	Cross docking scheduling with delivery time window and temporary storage 2011 ,		2
55	Determining the throughput of a CONWIP system using adjusted ARM. <i>Journal of Manufacturing Technology Management</i> , 2011 , 22, 853-869	7.1	2
54	Design of a genetic algorithm for bi-objective flow shop scheduling problems with re-entrant jobs. <i>International Journal of Advanced Manufacturing Technology</i> , 2011 , 56, 1105-1113	3.2	6
53	Design and development of logistics workflow systems for demand management with RFID. <i>Expert Systems With Applications</i> , 2011 , 38, 5428-5437	7.8	53
52	Managing the risks of outsourcing in supply chain networks 2011 ,		3
51	A review of the research methodology for the re-entrant scheduling problem. <i>International Journal of Production Research</i> , 2011 , 49, 2221-2242	7.8	48
50	Integrated GA and AHP for re-entrant flow shop scheduling problem 2011 ,		1
49	Hybrid genetic algorithm for bi-objective flow shop scheduling problems with re-entrant jobs 2010 ,		1
48	Application of hierarchical Colored Petri Net in Distributed Manufacturing network 2010 ,		1

47	Design and development of Supply Chain Knowledge Discovery System for Customer Relationship Management. <i>International Journal of Services, Technology and Management</i> , 2010 , 14, 2	0.2	1
46	A Review: Mathematical Modles for Cross Docking Planning. <i>International Journal of Engineering Business Management</i> , 2010 , 2, 13	1.9	30
45	Multiple criteria optimization of contemporary logistics distribution network problems. <i>OR Insight</i> , 2010 , 23, 27-43		12
44	An improved SPRT control chart for monitoring process mean. <i>International Journal of Advanced Manufacturing Technology</i> , 2010 , 51, 1045-1054	3.2	13
43	Towards product customization: An integrated order fulfillment system. <i>Computers in Industry</i> , 2010 , 61, 213-222	11.6	32
42	Development of an intelligent quality management system using fuzzy association rules. <i>Expert Systems With Applications</i> , 2009 , 36, 1801-1815	7.8	31
41	Modeling the cleanliness level of an ultrasonic cleaning system by using design of experiments and artificial neural networks. <i>International Journal of Advanced Manufacturing Technology</i> , 2009 , 41, 287-300	3.2	4
40	Design and development of agent-based procurement system to enhance business intelligence. <i>Expert Systems With Applications</i> , 2009 , 36, 877-884	7.8	41
39	Development of RFID-based Reverse Logistics System. <i>Expert Systems With Applications</i> , 2009 , 36, 9299-9307	7.8	107
38	Development of a co-operative distributed process mining system for quality assurance. <i>International Journal of Production Research</i> , 2009 , 47, 883-918	7.8	6
37	A Performance Tradeoff Function for Evaluating Suggested Parameters in the Reactive Ion Etching Process. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2009 , 39, 933-938		4
36	Strategic logistics outsourcing: An integrated QFD and AHP approach 2009 ,		1
35	Using ERP Systems to Transform Business Processes: A Case Study at a Precession Engineering Company. <i>International Journal of Engineering Business Management</i> , 2009 , 1, 4	1.9	0
34	A Comparison between Neural Networks and Traditional Forecasting Methods: A Case Study. <i>International Journal of Engineering Business Management</i> , 2009 , 1, 11	1.9	29
33	The analysis and case studies of successful express logistics companies. <i>International Journal of Value Chain Management</i> , 2009 , 3, 20	0.3	7
32	A Smart Decision-Support System for dispersed manufacturing using neural object technology. <i>International Journal of Manufacturing Technology and Management</i> , 2009 , 18, 149	0.4	
31	Development of an OLAP Based Fuzzy Logic System for Supporting Put Away Decision. <i>International Journal of Engineering Business Management</i> , 2009 , 1, 13	1.9	3
30	Fuzzy rule sets for enhancing performance in a supply chain network. <i>Industrial Management and Data Systems</i> , 2008 , 108, 947-972	3.6	20

29	Real-time process mining system for supply chain network: OLAP-based fuzzy approach. <i>International Journal of Enterprise Network Management</i> , 2008 , 2, 84	0.5	3
28	A fuzzy logic approach to forecast energy consumption change in a manufacturing system. <i>Expert Systems With Applications</i> , 2008 , 34, 1813-1824	7.8	65
27	Optimization of the facility location-allocation problem in a customer-driven supply chain. <i>Operations Management Research</i> , 2008 , 1, 69-79	3.6	10
26	Design and implementation of an object-oriented information management system. <i>International Journal of Computer Applications in Technology</i> , 2007 , 28, 195	0.7	
25	Infrastructure for implementing a responsive product development system: a case-based reasoning approach. <i>International Journal of Product Development</i> , 2007 , 4, 341	0.7	3
24	An online decision support system for inventory management. <i>International Journal of Product Development</i> , 2007 , 4, 351	0.7	2
23	A generic object-based support system for manufacturing processes. <i>International Journal of Product Development</i> , 2007 , 4, 366	0.7	
22	Benchmarking of optimisation techniques based on genetic algorithms, tabu search and simulated annealing. <i>International Journal of Computer Applications in Technology</i> , 2007 , 28, 209	0.7	3
21	A generic framework to achieve complex data exchange in an industrial environment. <i>International Journal of Computer Applications in Technology</i> , 2007 , 28, 180	0.7	1
20	Enhancing product development through a dynamic information interchange approach. <i>International Journal of Production Research</i> , 2006 , 44, 5197-5222	7.8	7
19	A hybrid intelligent system to enhance logistics workflow: An OLAP-based GA approach. <i>International Journal of Computer Integrated Manufacturing</i> , 2006 , 19, 69-78	4.3	6
18	Development of a Profit-Based Air Cargo Loading Information System. <i>IEEE Transactions on Industrial Informatics</i> , 2006 , 2, 303-312	11.9	7
17	A performance benchmarking system to support supplier selection. <i>International Journal of Business Performance Management</i> , 2006 , 8, 132	0.7	26
16	M-commerce to support the implementation of a responsive supply chain network. <i>Supply Chain Management</i> , 2006 , 11, 169-178	10	15
15	Design of an adaptable logistics workflow management system for e-business. <i>International Journal of Agile Systems and Management</i> , 2006 , 1, 329	1.7	
14	Design and development of an agent-based information system for process improvement. <i>International Journal of Information Technology and Management</i> , 2006 , 5, 134	0.2	
13	A dynamic information schema for supporting product lifecycle management. <i>Expert Systems With Applications</i> , 2006 , 31, 30-40	7.8	17
12	An intelligent production workflow mining system for continual quality enhancement. <i>International Journal of Advanced Manufacturing Technology</i> , 2006 , 28, 792-809	3.2	17

11	An intelligent forward quality enhancement system to achieve product customization. <i>Industrial Management and Data Systems</i> , 2005 , 105, 384-406	3.6	23
10	Enhancement of product development through product information mark-up language. <i>Journal of Engineering Design</i> , 2005 , 16, 91-110	1.8	4
9	An object-based knowledge integration system for product development. <i>Journal of Manufacturing Technology Management</i> , 2005 , 16, 156-177	7.1	11
8	A generic model to support rapid product development: an XML schema approach. <i>International Journal of Product Development</i> , 2005 , 1, 323	0.7	4
7	Design and implementation of a process optimizer: a case study on monitoring molding operations. <i>Expert Systems</i> , 2005 , 22, 12-21	2.1	12
6	Development of a computer-integrated system to support CAD to CAPP. <i>International Journal of Advanced Manufacturing Technology</i> , 2005 , 26, 1032-1042	3.2	23
5	Implementation of logistics information system to support reverse logistics: a case study. <i>International Journal of Logistics Systems and Management</i> , 2004 , 1, 112	0.7	9
4	Development of a dynamic data interchange scheme to support product design in agile manufacturing. <i>International Journal of Production Economics</i> , 2004 , 87, 295-308	9.3	21
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