

List of Publications by Citations

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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.

114 papers	2,500 citations	29 h-index	46 g-index
123 ext. papers	3,056 ext. citations	4.7 avg, IF	5.41 L-index

#	Paper	IF	Citations
114	Survey of Green Vehicle Routing Problem: Past and future trends. <i>Expert Systems With Applications</i> , 2014 , 41, 1118-1138	7.8	534
113	Mining logistics data to assure the quality in a sustainable food supply chain: A case in the red wine industry. <i>International Journal of Production Economics</i> , 2014 , 152, 200-209	9.3	83
112	Comparative analysis of Student's live online learning readiness during the coronavirus (COVID-19) pandemic in the higher education sector. <i>Computers and Education</i> , 2021 , 168, 104211	9.5	73
111	An Internet of Things (IoT)-based risk monitoring system for managing cold supply chain risks. <i>Industrial Management and Data Systems</i> , 2018 , 118, 1432-1462	3.6	70
110	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
109	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
108	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
107	A fuzzy guided multi-objective evolutionary algorithm model for solving transportation problem. <i>Expert Systems With Applications</i> , 2009 , 36, 8255-8268	7.8	49
106	Customer grouping for better resources allocation using GA based clustering technique. <i>Expert Systems With Applications</i> , 2012 , 39, 1979-1987	7.8	47
105	Factors influencing implementation of reverse logistics: a survey among Hong Kong businesses. <i>Measuring Business Excellence</i> , 2012 , 16, 29-46	2.2	46
104	An intelligent model for assuring food quality in managing a multi-temperature food distribution centre. <i>Food Control</i> , 2018 , 90, 81-97	6.2	45
103	A Genetic Algorithm-based optimization model for supporting green transportation operations. <i>Expert Systems With Applications</i> , 2014 , 41, 3284-3296	7.8	42
102	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
101	Evaluating the effectiveness of learning design with mixed reality (MR) in higher education. <i>Virtual Reality</i> , 2020 , 24, 797-807	6	40
100	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
99	A RFID-based Resource Allocation System for garment manufacturing. <i>Expert Systems With Applications</i> , 2013 , 40, 784-799	7.8	37
98	A RFID-based recursive process mining system for quality assurance in the garment industry. <i>International Journal of Production Research</i> , 2014 , 52, 4216-4238	7.8	37

97	A hybrid OLAP-association rule mining based quality management system for extracting defect patterns in the garment industry. <i>Expert Systems With Applications</i> , 2013 , 40, 2435-2446	7.8	37
96	A real-time food safety management system for receiving operations in distribution centers. <i>Expert Systems With Applications</i> , 2012 , 39, 2532-2548	7.8	35
95	Optimization of system reliability in multi-factory production networks by maintenance approach. <i>Expert Systems With Applications</i> , 2009 , 36, 10188-10196	7.8	34
94	Product form design using customer perception evaluation by a combined superellipse fitting and ANN approach. <i>Advanced Engineering Informatics</i> , 2013 , 27, 386-394	7.4	33
93	Application of genetic approach for advanced planning in multi-factory environment. <i>International Journal of Production Economics</i> , 2010 , 127, 300-308	9.3	33
92	Application of intelligent data management in resource allocation for effective operation of manufacturing systems. <i>Journal of Manufacturing Systems</i> , 2014 , 33, 412-422	9.1	31
91	Determination of the success factors in supply chain networks: a Hong Kong-based manufacturer's perspective. <i>Measuring Business Excellence</i> , 2011 , 15, 34-48	2.2	31
90	A RFID-case-based sample management system for fashion product development. <i>Engineering Applications of Artificial Intelligence</i> , 2009 , 22, 882-896	7.2	31
89	Development of an intelligent quality management system using fuzzy association rules. <i>Expert Systems With Applications</i> , 2009 , 36, 1801-1815	7.8	31
88	A slippery genetic algorithm-based process mining system for achieving better quality assurance in the garment industry. <i>Expert Systems With Applications</i> , 2016 , 46, 236-248	7.8	30
87	A blockchain-based system to enhance aircraft parts traceability and trackability for inventory management. <i>Expert Systems With Applications</i> , 2021 , 179, 115101	7.8	30
86	A RFID-based storage assignment system for enhancing the efficiency of order picking. <i>Journal of Intelligent Manufacturing</i> , 2017 , 28, 111-129	6.7	29
85	A decision support system for optimizing dynamic courier routing operations. <i>Expert Systems With Applications</i> , 2014 , 41, 6917-6933	7.8	29
84	Development of a process mining system for supporting knowledge discovery in a supply chain network. <i>International Journal of Production Economics</i> , 2009 , 122, 176-187	9.3	29
83	Using a fuzzy association rule mining approach to identify the financial data association. <i>Expert Systems With Applications</i> , 2012 , 39, 9054-9063	7.8	28
82	An IoT-based cargo monitoring system for enhancing operational effectiveness under a cold chain environment. <i>International Journal of Engineering Business Management</i> , 2017 , 9, 184797901774906	1.9	27
81	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	7.8	25
80	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

79	A demand forecast model using a combination of surrogate data analysis and optimal neural network approach. <i>Decision Support Systems</i> , 2013 , 54, 1404-1416	5.6	23
78	An AI approach for optimizing multi-pallet loading operations. <i>Expert Systems With Applications</i> , 2009 , 36, 4296-4312	7.8	23
77	An intelligent forward quality enhancement system to achieve product customization. <i>Industrial Management and Data Systems</i> , 2005 , 105, 384-406	3.6	23
76	Achieving quality assurance functionality in the food industry using a hybrid case-based reasoning and fuzzy logic approach. <i>Expert Systems With Applications</i> , 2012 , 39, 5251-5261	7.8	22
75	Cross-dock job assignment problem in space-constrained industrial logistics distribution hubs with a single docking zone. <i>International Journal of Production Research</i> , 2012 , 50, 2439-2450	7.8	21
74	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
73	An IoMT-based geriatric care management system for achieving smart health in nursing homes. <i>Industrial Management and Data Systems</i> , 2019 , 119, 1819-1840	3.6	20
72	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
71	Integrating Internet of Things and multi-temperature delivery planning for perishable food E-commerce logistics: a model and application. <i>International Journal of Production Research</i> , 2021 , 59, 1534-1556	7.8	18
70	Development of an intelligent e-healthcare system for the domestic care industry. <i>Industrial Management and Data Systems</i> , 2017 , 117, 1426-1445	3.6	17
69	A dynamic information schema for supporting product lifecycle management. <i>Expert Systems With Applications</i> , 2006 , 31, 30-40	7.8	17
68	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
67	An online niche-market tour identification system for the travel and tourism industry. <i>Internet Research</i> , 2016 , 26, 167-185	4.8	16
66	Real-time inbound decision support system for enhancing the performance of a food warehouse. <i>Journal of Manufacturing Technology Management</i> , 2011 , 22, 1014-1031	7.1	16
65	A hybrid scheduling decision support model for minimizing job tardiness in a make-to-order based mould manufacturing environment. <i>Expert Systems With Applications</i> , 2011 , 38, 1931-1941	7.8	15
64	M-commerce to support the implementation of a responsive supply chain network. <i>Supply Chain Management</i> , 2006 , 11, 169-178	10	15
63	A hybrid case-GA-based decision support model for warehouse operation in fulfilling cross-border orders. <i>Expert Systems With Applications</i> , 2012 , 39, 7015-7028	7.8	14
62	Fuzzy association rule mining for fashion product development. <i>Industrial Management and Data Systems</i> , 2015 , 115, 383-399	3.6	13

61	Customer relationship mining system for effective strategies formulation. <i>Industrial Management and Data Systems</i> , 2014 , 114, 711-733	3.6	13
60	Improving postponement operation in warehouse: an intelligent pick-and-pack decision-support system. <i>International Journal of Production Research</i> , 2012 , 50, 7181-7197	7.8	11
59	An intelligent information infrastructure to support the streamlining of integrated logistics workflow. <i>Expert Systems</i> , 2004 , 21, 123-137	2.1	11
58	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
57	A fuzzy genetic algorithm for the discovery of process parameter settings using knowledge representation. <i>Expert Systems With Applications</i> , 2009 , 36, 7964-7974	7.8	10
56	Modelling near-real-time order arrival demand in e-commerce context: a machine learning predictive methodology. <i>Industrial Management and Data Systems</i> , 2020 , 120, 1149-1174	3.6	10
55	An examination of strategies under the financial tsunamis. <i>Industrial Management and Data Systems</i> , 2010 , 110, 1319-1336	3.6	8
54	An RFRS that combines RFID and CBR technologies. <i>Industrial Management and Data Systems</i> , 2012 , 112, 385-404	3.6	8
53	A cloud-based location assignment system for packaged food allocation in e-fulfillment warehouse. <i>International Journal of Engineering Business Management</i> , 2016 , 8, 184797901668483	1.9	8
52	Cost optimization of the supply chain network using genetic algorithms - Withdrawn. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019 , 1-1	4.2	8
51	Analysis of the Spread of COVID-19 in the USA with a Spatio-Temporal Multivariate Time Series Model. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	8
50	A cloud-based responsive replenishment system in a franchise business model using a fuzzy logic approach. <i>Expert Systems</i> , 2016 , 33, 14-29	2.1	7
49	Assess the effects of different operations policies on warehousing reliability. <i>International Journal of Production Research</i> , 2014 , 52, 662-678	7.8	7
48	A conceptual fuzzy-genetic algorithm framework for assessing the potential risks in supply chain management. <i>International Journal of Risk Assessment and Management</i> , 2008 , 10, 263	0.9	7
47	Enhancing product development through a dynamic information interchange approach. <i>International Journal of Production Research</i> , 2006 , 44, 5197-5222	7.8	7
46	Development of a Profit-Based Air Cargo Loading Information System. <i>IEEE Transactions on Industrial Informatics</i> , 2006 , 2, 303-312	11.9	7
45	Franchising decision support system for formulating a center positioning strategy. <i>Industrial Management and Data Systems</i> , 2015 , 115, 853-882	3.6	6
44	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

43	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
42	A recursive operations strategy model for managing sustainable chemical product development and production. <i>International Journal of Production Economics</i> , 2016 , 181, 262-272	9.3	6
41	A web mining-based case adaptation model for quality assurance of pharmaceutical warehouses. <i>International Journal of Logistics Research and Applications</i> , 2019 , 22, 325-348	3.8	6
40	Standardising fresh produce selection and grading process for improving quality assurance in perishable food supply chains: an integrated Fuzzy AHP-TOPSIS framework. <i>Enterprise Information Systems</i> , 2021 , 15, 651-675	3.5	6
39	. <i>IEEE Journal of Radio Frequency Identification</i> , 2018 , 2, 55-67	2.4	5
38	A Real Time Quality Monitoring System for the Lighting Industry: A Practical and Rapid Approach Using Computer Vision and Image Processing (CVIP) Tools. <i>International Journal of Engineering Business Management</i> , 2011 , 3, 22	1.9	5
37	Enhancing online-to-offline specific customer loyalty in beauty industry. <i>Enterprise Information Systems</i> , 2019 , 13, 352-375	3.5	5
36	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
35	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
34	Customer Loyalty Enhancement of Online-to-Offline Marketing in Beauty Industry 2016 ,		4
33	Design and development of inventory knowledge discovery system. <i>Enterprise Information Systems</i> , 2017 , 11, 1262-1282	3.5	3
32	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
31	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
30	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
29	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
28	A two-echelon responsive health analytic model for triggering care plan revision in geriatric care management. <i>Journal of Organizational and End User Computing</i> , 2022 , 34, 0-0	6.2	3
27	An intelligent fuzzy-based storage assignment system for packaged food warehousing 2015 ,		2
26	An improved Huffman coding with encryption for Radio Data System (RDS) for smart transportation. <i>Enterprise Information Systems</i> , 2018 , 12, 137-154	3.5	2

25	A fuzzy association rule-based knowledge management system for occupational safety and health programs in cold storage facilities. <i>VINE Journal of Information and Knowledge Management Systems</i> , 2018 , 48, 199-216	1.9	2
24	Workforce modelling, analysis and planning: A feasibility study in a local nursing home 2015 ,		2
23	An innovation approach for achieving cost optimization in supply chain management. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014 , 26, 173-192	1.6	2
22	An intelligent system for production resources planning in Hong Kong garment industry 2012 ,		2
21	An Online Analytical Processing based predictive system for better process quality in the supply chain network. <i>International Journal of Services, Technology and Management</i> , 2010 , 14, 17	0.2	2
20	An online decision support system for inventory management. <i>International Journal of Product Development</i> , 2007 , 4, 351	0.7	2
19	An intelligent performance assessment system for enhancing the service quality of home care nursing staff in the healthcare industry 2016 ,		2
18	From Your Preferences to Niche Tourism: A New "To-Do" List in Hong Kong 2019 ,		2
17	Network Topology Management Optimization of Wireless Sensor Network (WSN). <i>Lecture Notes in Computer Science</i> , 2016 , 850-859	0.9	1
16	Providing decision support for replenishment operations using a genetic algorithms based fuzzy system. <i>Expert Systems</i> , 2015 , 32, 23-38	2.1	1
15	Design Rule Extraction from a Trained Ann Model using Ga for Product form Design of Mobile Phones. <i>Intelligent Automation and Soft Computing</i> , 2012 , 18, 369-379	2.6	1
14	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
13	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
12	Design of a Wireless Sensor Network Monitoring System for Biological and Pharmaceutical Products. <i>International Journal of Distributed Sensor Networks</i> , 2015 , 11, 760242	1.7	1
11	Design of Flexible Vehicle Scheduling Systems for Sustainable Paratransit Services. <i>Sustainability</i> , 2020 , 12, 5594	3.6	1
10	Enhancing data-driven elderly appointment services in domestic care communities under COVID-19. <i>Industrial Management and Data Systems</i> , 2021 , ahead-of-print,	3.6	1
9	An intelligent medical Replenishment System for managing the medical resources in the healthcare industry 2016 ,		1
8	An Internet of Things (IoT)-Based Shelf Life Management System in Perishable Food e-Commerce Businesses 2019 ,		1

7	Impact of mobile learning in engineering mathematics under 4-year undergraduate curriculum. <i>Asia Pacific Journal of Education</i> , 1-17	1	0
6	Design and evaluation of an integrated inventory and transportation system. <i>Transportation Planning and Technology</i> , 2012 , 35, 491-507	1.6	
5	Design of an agent-based system for improving supply chain strategy. <i>International Journal of Intelligent Systems Technologies and Applications</i> , 2009 , 6, 198	0.5	
4	A case-based decision support system for product development. <i>International Journal of Risk Assessment and Management</i> , 2008 , 10, 272	0.9	
3	Design and implementation of an object-oriented information management system. <i>International Journal of Computer Applications in Technology</i> , 2007 , 28, 195	0.7	
2	A generic object-based support system for manufacturing processes. <i>International Journal of Product Development</i> , 2007 , 4, 366	0.7	
1	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	