

Irma ChacÃ³n

List of Publications by Year in descending order

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Version: 2024-02-01

330
papers

13,924
citations

20817

60
h-index

30922

102
g-index

337
all docs

337
docs citations

337
times ranked

8077
citing authors

#	ARTICLE	IF	CITATIONS
1	Big Data for supply chain management in the service and manufacturing sectors: Challenges, opportunities, and future perspectives. <i>Computers and Industrial Engineering</i> , 2016, 101, 572-591.	6.3	410
2	RFID-enabled real-time manufacturing execution system for mass-customization production. <i>Robotics and Computer-Integrated Manufacturing</i> , 2013, 29, 283-292.	9.9	400
3	A big data approach for logistics trajectory discovery from RFID-enabled production data. <i>International Journal of Production Economics</i> , 2015, 165, 260-272.	8.9	363
4	The impacts of sharing production information on supply chain dynamics: A review of the literature. <i>International Journal of Production Research</i> , 2003, 41, 1483-1517.	7.5	359
5	Tourism supply chain management: A new research agenda. <i>Tourism Management</i> , 2009, 30, 345-358.	9.8	356
6	Hybrid flow shop scheduling considering machine electricity consumption cost. <i>International Journal of Production Economics</i> , 2013, 146, 423-439.	8.9	301
7	Big Data Analytics for Physical Internet-based intelligent manufacturing shop floors. <i>International Journal of Production Research</i> , 2017, 55, 2610-2621.	7.5	301
8	Prefabricated construction enabled by the Internet-of-Things. <i>Automation in Construction</i> , 2017, 76, 59-70.	9.8	290
9	IoT-based real-time production logistics synchronization system under smart cloud manufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 84, 147-164.	3.0	283
10	Toward a blockchain cloud manufacturing system as a peer to peer distributed network platform. <i>Robotics and Computer-Integrated Manufacturing</i> , 2018, 54, 133-144.	9.9	237
11	Visualization of RFID-enabled shopfloor logistics Big Data in Cloud Manufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 84, 5-16.	3.0	220
12	Towards integrated optimal configuration of platform products, manufacturing processes, and supply chains. <i>Journal of Operations Management</i> , 2005, 23, 267-290.	5.2	212
13	RFID-based wireless manufacturing for walking-worker assembly islands with fixed-position layouts. <i>Robotics and Computer-Integrated Manufacturing</i> , 2007, 23, 469-477.	9.9	199
14	Toward open manufacturing. <i>Industrial Management and Data Systems</i> , 2018, 118, 303-320.	3.7	197
15	Integrating RFID and BIM technologies for mitigating risks and improving schedule performance of prefabricated house construction. <i>Journal of Cleaner Production</i> , 2017, 165, 1048-1062.	9.3	187
16	Scenarios for applying RFID technology in construction project management. <i>Automation in Construction</i> , 2011, 20, 101-106.	9.8	184
17	RFID-based wireless manufacturing for real-time management of job shop WIP inventories. <i>International Journal of Advanced Manufacturing Technology</i> , 2008, 36, 752-764.	3.0	181
18	Physical assets and service sharing for IoT-enabled Supply Hub in Industrial Park (SHIP). <i>International Journal of Production Economics</i> , 2015, 159, 4-15.	8.9	171

#	ARTICLE	IF	CITATIONS
19	Bridging BIM and building: From a literature review to an integrated conceptual framework. International Journal of Project Management, 2015, 33, 1405-1416.	5.6	168
20	RFID-enabled real-time wireless manufacturing for adaptive assembly planning and control. Journal of Intelligent Manufacturing, 2008, 19, 701-713.	7.3	137
21	Horizontal collaborative transport: survey of solutions and practical implementation issues. International Journal of Production Research, 2019, 57, 5340-5361.	7.5	129
22	Industrial blockchain based framework for product lifecycle management in industry 4.0. Robotics and Computer-Integrated Manufacturing, 2020, 63, 101897.	9.9	125
23	E-commerce Logistics in Supply Chain Management: Practice Perspective. Procedia CIRP, 2016, 52, 179-185.	1.9	121
24	Stackelberg game-theoretic model for optimizing advertising, pricing and inventory policies in vendor managed inventory (VMI) production supply chains. Computers and Industrial Engineering, 2009, 57, 368-382.	6.3	120
25	Physical Internet and interconnected logistics services: research and applications. International Journal of Production Research, 2017, 55, 2603-2609.	7.5	117
26	Industrial wearable system: the human-centric empowering technology in Industry 4.0. Journal of Intelligent Manufacturing, 2019, 30, 2853-2869.	7.3	117
27	Impact of information sharing on inventory replenishment in divergent supply chains. International Journal of Production Research, 2004, 42, 919-941.	7.5	114
28	Radio frequency identification-enabled real-time manufacturing execution system: a case study in an automotive part manufacturer. International Journal of Computer Integrated Manufacturing, 2012, 25, 51-65.	4.6	108
29	An investigation on minimizing cycle time and total energy consumption in robotic assembly line systems. Journal of Cleaner Production, 2015, 90, 311-325.	9.3	108
30	A two-level advanced production planning and scheduling model for RFID-enabled ubiquitous manufacturing. Advanced Engineering Informatics, 2015, 29, 799-812.	8.0	107
31	An Internet of Things-enabled BIM platform for modular integrated construction: A case study in Hong Kong. Advanced Engineering Informatics, 2019, 42, 100997.	8.0	99
32	Web-based support for collaborative product design review. Computers in Industry, 2002, 48, 71-88.	9.9	97
33	Smart Construction Objects. Journal of Computing in Civil Engineering, 2016, 30, .	4.7	95
34	E-commerce logistics in supply chain management. Industrial Management and Data Systems, 2017, 117, 2263-2286.	3.7	93
35	RFID-enabled real-time advanced planning and scheduling shell for production decision making. International Journal of Computer Integrated Manufacturing, 2013, 26, 649-662.	4.6	91
36	System dynamics analysis for an Internet-of-Things-enabled production logistics system. International Journal of Production Research, 2017, 55, 2622-2649.	7.5	90

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37	Agent-based Smart Gateway for RFID-enabled real-time wireless manufacturing. International Journal of Production Research, 2011, 49, 1337-1352.	7.5	88
38	Towards product customization and personalization in IoT-enabled cloud manufacturing. Cluster Computing, 2017, 20, 1717-1730.	5.0	88
39	Blockchain-enabled workflow operating system for logistics resources sharing in E-commerce logistics real estate service. Computers and Industrial Engineering, 2019, 135, 950-969.	6.3	84
40	A case of implementing RFID-based real-time shop-floor material management for household electrical appliance manufacturers. Journal of Intelligent Manufacturing, 2012, 23, 2343-2356.	7.3	82
41	Integrating order review/release and dispatching rules for assembly job shop scheduling using a simulation approach. International Journal of Production Research, 2011, 49, 647-669.	7.5	81
42	Mining SOTs and dispatching rules from RFID-enabled real-time shopfloor production data. Journal of Intelligent Manufacturing, 2014, 25, 825-843.	7.3	81
43	Digital twin-enabled Graduation Intelligent Manufacturing System for fixed-position assembly islands. Robotics and Computer-Integrated Manufacturing, 2020, 63, 101917.	9.9	81
44	Blockchain-based smart tracking and tracing platform for drug supply chain. Computers and Industrial Engineering, 2021, 161, 107669.	6.3	81
45	Efficiency and robustness of weighted air transport networks. Transportation Research, Part E: Logistics and Transportation Review, 2019, 122, 14-26.	7.4	80
46	Blockchain-enabled logistics finance execution platform for capital-constrained E-commerce retail. Robotics and Computer-Integrated Manufacturing, 2020, 65, 101962.	9.9	80
47	Agent-based workflow management for RFID-enabled real-time reconfigurable manufacturing. International Journal of Computer Integrated Manufacturing, 2010, 23, 101-112.	4.6	77
48	Allocation of emission permits using DEA: centralised and individual points of view. International Journal of Production Research, 2014, 52, 419-435.	7.5	77
49	Multi-agent based real-time production scheduling method for radio frequency identification enabled ubiquitous shopfloor environment. Computers and Industrial Engineering, 2014, 76, 89-97.	6.3	77
50	Agent-based smart objects management system for real-time ubiquitous manufacturing. Robotics and Computer-Integrated Manufacturing, 2011, 27, 538-549.	9.9	76
51	Private parking slot sharing. Transportation Research Part B: Methodological, 2016, 93, 596-617.	5.9	75
52	Blockchain-based ubiquitous manufacturing: a secure and reliable cyber-physical system. International Journal of Production Research, 2020, 58, 2200-2221.	7.5	75
53	Nash game model for optimizing market strategies, configuration of platform products in a Vendor Managed Inventory (VMI) supply chain for a product family. European Journal of Operational Research, 2010, 206, 361-373.	5.7	73
54	Truthful multi-unit transportation procurement auctions for logistics e-marketplaces. Transportation Research Part B: Methodological, 2013, 47, 127-148.	5.9	73

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55	Simultaneous configuration of platform products and manufacturing supply chains. International Journal of Production Research, 2008, 46, 6137-6162.	7.5	70
56	A NSGA-II based memetic algorithm for multiobjective parallel flowshop scheduling problem. Computers and Industrial Engineering, 2017, 113, 185-194.	6.3	70
57	Production lead-time hedging and coordination in prefabricated construction supply chain management. International Journal of Production Research, 2017, 55, 3984-4002.	7.5	70
58	A sustainable production capability evaluation mechanism based on blockchain, LSTM, analytic hierarchy process for supply chain network. International Journal of Production Research, 2020, 58, 7399-7419.	7.5	69
59	IoT and digital twin enabled smart tracking for safety management. Computers and Operations Research, 2021, 128, 105183.	4.0	69
60	Coordinating pricing and inventory decisions in a multi-level supply chain: A game-theoretic approach. Transportation Research, Part E: Logistics and Transportation Review, 2011, 47, 115-129.	7.4	68
61	Efficient intermodal transportation auctions for B2B e-commerce logistics with transaction costs. Transportation Research Part B: Methodological, 2015, 80, 322-337.	5.9	64
62	Digital twin-based opti-state control method for a synchronized production operation system. Robotics and Computer-Integrated Manufacturing, 2020, 63, 101892.	9.9	64
63	Integrated Configuration of Platform Products and Supply Chains for Mass Customization: A Game-Theoretic Approach. IEEE Transactions on Engineering Management, 2007, 54, 156-171.	3.5	63
64	Transportation service procurement in periodic sealed double auctions with stochastic demand and supply. Transportation Research Part B: Methodological, 2013, 56, 136-160.	5.9	61
65	A cooperative approach to service booking and scheduling in cloud manufacturing. European Journal of Operational Research, 2019, 273, 861-873.	5.7	61
66	Digital interoperability in logistics and supply chain management: state-of-the-art and research avenues towards Physical Internet. Computers in Industry, 2021, 128, 103435.	9.9	61
67	Efficient Multi-Attribute Multi-Unit Auctions for B2B E-commerce Logistics. Production and Operations Management, 2017, 26, 292-304.	3.8	59
68	IoT-Enabled Parking Space Sharing and Allocation Mechanisms. IEEE Transactions on Automation Science and Engineering, 2018, 15, 1654-1664.	5.2	59
69	A Blockchain and AutoML Approach for Open and Automated Customer Service. IEEE Transactions on Industrial Informatics, 2019, 15, 3642-3651.	11.3	59
70	CKshare: secured cloud-based knowledge-sharing blockchain for injection mold redesign. Enterprise Information Systems, 2019, 13, 1-33.	4.7	58
71	Digital twin-enabled smart modular integrated construction system for on-site assembly. Computers in Industry, 2022, 136, 103594.	9.9	58
72	Agent-based Gateway Operating System for RFID-enabled ubiquitous manufacturing enterprise. Robotics and Computer-Integrated Manufacturing, 2013, 29, 222-231.	9.9	55

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73	A systematic review of China's belt and road initiative: implications for global supply chain management. <i>International Journal of Production Research</i> , 2020, 58, 2436-2453.	7.5	55
74	Synchroperation in industry 4.0 manufacturing. <i>International Journal of Production Economics</i> , 2021, 238, 108171.	8.9	55
75	Efficient auctions for distributed transportation procurement. <i>Transportation Research Part B: Methodological</i> , 2014, 65, 47-64.	5.9	54
76	Optimal collaborative transportation service trading in B2B e-commerce logistics. <i>International Journal of Production Research</i> , 2017, 55, 5485-5501.	7.5	54
77	Game-theoretic approach to simultaneous configuration of platform products and supply chains with one manufacturing firm and multiple cooperative suppliers. <i>International Journal of Production Economics</i> , 2010, 124, 121-136.	8.9	53
78	Optimal service selection and composition for service-oriented manufacturing network. <i>International Journal of Computer Integrated Manufacturing</i> , 2011, 24, 416-430.	4.6	53
79	Truthful, Budget-Balanced Bundle Double Auctions for Carrier Collaboration. <i>Transportation Science</i> , 2017, 51, 1365-1386.	4.4	53
80	IoT edge computing-enabled collaborative tracking system for manufacturing resources in industrial park. <i>Advanced Engineering Informatics</i> , 2020, 43, 101044.	8.0	53
81	Recommender system based on workflow. <i>Decision Support Systems</i> , 2009, 48, 237-245.	5.9	51
82	Two-stage hybrid batching flowshop scheduling with blocking and machine availability constraints using genetic algorithm. <i>Robotics and Computer-Integrated Manufacturing</i> , 2009, 25, 962-971.	9.9	51
83	Game theoretic analysis of horizontal carrier coordination with revenue sharing in E-commerce logistics. <i>International Journal of Production Research</i> , 2019, 57, 1524-1551.	7.5	51
84	Towards Zero-Warehousing Smart Manufacturing from Zero-Inventory Just-In-Time production. <i>Robotics and Computer-Integrated Manufacturing</i> , 2020, 64, 101932.	9.9	51
85	Cloud-enabled real-time platform for adaptive planning and control in auction logistics center. <i>Computers and Industrial Engineering</i> , 2015, 84, 79-90.	6.3	50
86	<sc>RFID</sc>-enabled product-service system for automotive part and accessory manufacturing alliances. <i>International Journal of Production Research</i> , 2012, 50, 3821-3840.	7.5	49
87	Buffer space hedging and coordination in prefabricated construction supply chain management. <i>International Journal of Production Economics</i> , 2018, 200, 192-206.	8.9	49
88	Real-time work-in-progress management for smart object-enabled ubiquitous shop-floor environment. <i>International Journal of Computer Integrated Manufacturing</i> , 2011, 24, 431-445.	4.6	48
89	Synchronisation of production scheduling and shipment in an assembly flowshop. <i>International Journal of Production Research</i> , 2015, 53, 2787-2802.	7.5	48
90	Blockchain-enabled cyber-physical smart modular integrated construction. <i>Computers in Industry</i> , 2021, 133, 103553.	9.9	48

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91	Real-time scheduling for hybrid flowshop in ubiquitous manufacturing environment. Computers and Industrial Engineering, 2015, 84, 12-23.	6.3	47
92	DUAL HESITANT FUZZY AGGREGATION OPERATORS. Technological and Economic Development of Economy, 2016, 22, 194-209.	4.6	45
93	Web-based simulation portal for investigating impacts of sharing production information on supply chain dynamics from the perspective of inventory allocation. Journal of Manufacturing Technology Management, 2002, 13, 345-358.	0.5	44
94	A game-theory approach for job scheduling in networked manufacturing. International Journal of Advanced Manufacturing Technology, 2009, 41, 972-985.	3.0	43
95	Supply Hub in Industrial Park (SHIP): The value of freight consolidation. Computers and Industrial Engineering, 2013, 65, 16-27.	6.3	43
96	An SCO-Enabled Logistics and Supply Chain Management System in Construction. Journal of Construction Engineering and Management - ASCE, 2017, 143, .	3.8	43
97	Game-Theoretic Approach to Competition Dynamics in Tourism Supply Chains. Journal of Travel Research, 2009, 47, 425-439.	9.0	42
98	Cloud asset for urban flood control. Advanced Engineering Informatics, 2015, 29, 355-365.	8.0	42
99	Cloud-based fleet management for prefabrication transportation. Enterprise Information Systems, 2019, 13, 87-106.	4.7	42
100	Planetary-Scale RFID Services in an Age of Ubertveillance. Proceedings of the IEEE, 2010, 98, 1663-1671.	21.3	41
101	Event-driven multi-agent ubiquitous manufacturing execution platform for shop floor work-in-progress management. International Journal of Production Research, 2013, 51, 1168-1185.	7.5	41
102	A customer satisfaction evaluation model for logistics services using fuzzy analytic hierarchy process. Industrial Management and Data Systems, 2016, 116, 1024-1042.	3.7	41
103	Cyber physical ecommerce logistics system: An implementation case in Hong Kong. Computers and Industrial Engineering, 2020, 139, 106170.	6.3	41
104	Establishing production service system and information collaboration platform for mold and die products. International Journal of Advanced Manufacturing Technology, 2011, 52, 1149-1160.	3.0	40
105	Data analysis for metropolitan economic and logistics development. Advanced Engineering Informatics, 2017, 32, 66-76.	8.0	39
106	Synchronisation for smart factory - towards IoT-enabled mechanisms. International Journal of Computer Integrated Manufacturing, 2018, 31, 624-635.	4.6	39
107	Industrial Blockchain: A state-of-the-art Survey. Robotics and Computer-Integrated Manufacturing, 2021, 70, 102124.	9.9	39
108	Leader-follower game in vendor-managed inventory system with limited production capacity considering wholesale and retail prices. International Journal of Logistics Research and Applications, 2006, 9, 335-350.	8.8	38

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109	RFID-enabled gateway product service system for collaborative manufacturing alliances. <i>CIRP Annals - Manufacturing Technology</i> , 2011, 60, 465-468.	3.6	38
110	A MPN-based scheduling model for IoT-enabled hybrid flow shop manufacturing. <i>Advanced Engineering Informatics</i> , 2016, 30, 728-736.	8.0	38
111	Optimal configuration of assembly supply chains using analytical target cascading. <i>International Journal of Production Research</i> , 2010, 48, 6883-6907.	7.5	37
112	Linking radio-frequency identification to Building Information Modeling: Status quo, development trajectory and guidelines for practitioners. <i>Automation in Construction</i> , 2018, 93, 241-251.	9.8	37
113	An ontology-based product design framework for manufacturability verification and knowledge reuse. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 99, 2121-2135.	3.0	37
114	Log-flock: A blockchain-enabled platform for digital asset valuation and risk assessment in E-commerce logistics financing. <i>Computers and Industrial Engineering</i> , 2021, 151, 107001.	6.3	37
115	Data-source interoperability service for heterogeneous information integration in ubiquitous enterprises. <i>Advanced Engineering Informatics</i> , 2015, 29, 549-561.	8.0	36
116	Parking reservation disturbances. <i>Transportation Research Part B: Methodological</i> , 2020, 135, 83-97.	5.9	36
117	Metaheuristics to minimise makespan on parallel batch processing machines with dynamic job arrivals. <i>International Journal of Computer Integrated Manufacturing</i> , 2010, 23, 942-956.	4.6	35
118	An inner-enterprise knowledge recommender system. <i>Expert Systems With Applications</i> , 2010, 37, 1703-1712.	7.6	34
119	Scheduling a batch processing machine with non-identical job sizes: a clustering perspective. <i>International Journal of Production Research</i> , 2011, 49, 5755-5778.	7.5	34
120	A bi-objective model for supply chain design of dispersed manufacturing in China. <i>International Journal of Production Economics</i> , 2013, 146, 48-58.	8.9	34
121	Optimal configuration of cluster supply chains with augmented Lagrange coordination. <i>Computers and Industrial Engineering</i> , 2015, 84, 43-55.	6.3	34
122	Extending analytical target cascading for optimal configuration of supply chains with alternative autonomous suppliers. <i>International Journal of Production Economics</i> , 2008, 115, 39-54.	8.9	33
123	Hybrid flowshop scheduling with batch-discrete processors and machine maintenance in time windows. <i>International Journal of Production Research</i> , 2011, 49, 1575-1603.	7.5	33
124	A Comparative Study of Tourism Supply Chains with Quantity Competition. <i>Journal of Travel Research</i> , 2012, 51, 717-729.	9.0	33
125	Robotics in ecommerce logistics. <i>HKIE Transactions</i> , 2015, 22, 68-77.	0.1	33
126	Dynamic mapping of design elements and affective responses: a machine learning based method for affective design. <i>Journal of Engineering Design</i> , 2018, 29, 358-380.	2.3	33

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127	Cloud-based mobile gateway operation system for industrial wearables. Robotics and Computer-Integrated Manufacturing, 2019, 58, 43-54.	9.9	33
128	IoT-enabled dynamic lean control mechanism for typical production systems. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 1009-1023.	4.9	33
129	Price Interactions between Theme Park and Tour Operator. Tourism Economics, 2009, 15, 813-824.	4.1	32
130	Distributed and collaborative proactive tandem location tracking of vehicle products for warehouse operations. Computers and Industrial Engineering, 2018, 125, 637-648.	6.3	32
131	A framework for personalized production based on digital twin, blockchain and additive manufacturing in the context of Industry 4.0. , 2020, , .		32
132	A comparative analysis of quantity and price competitions in tourism supply chain networks for package holidays. Service Industries Journal, 2010, 30, 1593-1606.	8.3	31
133	Two-stage product platform development for mass customisation. International Journal of Production Research, 2011, 49, 2197-2219.	7.5	31
134	Scheduling at an auction logistics centre with physical internet. International Journal of Production Research, 2016, 54, 2670-2690.	7.5	31
135	Synchronizing e-commerce city logistics with sliding time windows. Transportation Research, Part E: Logistics and Transportation Review, 2019, 123, 17-28.	7.4	31
136	A roadmap for Assembly 4.0: self-configuration of fixed-position assembly islands under Graduation Intelligent Manufacturing System. International Journal of Production Research, 2020, 58, 4631-4646.	7.5	31
137	A generic analytical target cascading optimization system for decentralized supply chain configuration over supply chain grid. International Journal of Production Economics, 2010, 127, 262-277.	8.9	29
138	Port strategy in the era of supply chain management: the case of Hong Kong. Maritime Policy and Management, 2014, 41, 367-383.	3.8	29
139	Industrial robot selection using stochastic multicriteria acceptability analysis for group decision making. Robotics and Autonomous Systems, 2019, 122, 103304.	5.1	29
140	Variable neighborhood search and tabu search for auction-based waste collection synchronization. Transportation Research Part B: Methodological, 2020, 133, 1-20.	5.9	29
141	Multi-period multi-echelon inventory transportation problem considering stakeholders behavioural tendencies. International Journal of Production Economics, 2020, 225, 107566.	8.9	29
142	Production-intralogsitics synchronization of industry 4.0 flexible assembly lines under graduation intelligent manufacturing system. International Journal of Production Economics, 2021, 241, 108272.	8.9	29
143	A bilevel storage pricing model for outbound containers in a dry port system. Transportation Research, Part E: Logistics and Transportation Review, 2015, 73, 65-83.	7.4	28
144	Truthful multi-unit multi-attribute double auctions for perishable supply chain trading. Transportation Research, Part E: Logistics and Transportation Review, 2016, 93, 21-37.	7.4	28

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145	Digital twin-enabled real-time synchronization for planning, scheduling, and execution in precast on-site assembly. <i>Automation in Construction</i> , 2022, 141, 104397.	9.8	28
146	Analytical target cascading-enabled optimal configuration platform for production service systems. <i>International Journal of Computer Integrated Manufacturing</i> , 2011, 24, 457-470.	4.6	27
147	Data-Driven Resilient Fleet Management for Cloud Asset-enabled Urban Flood Control. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018, 19, 1827-1838.	8.0	27
148	Forward and reverse logistics vehicle routing problems with time horizons in B2C e-commerce logistics. <i>International Journal of Production Research</i> , 2021, 59, 6291-6310.	7.5	27
149	Digital twin-enabled dynamic spatial-temporal knowledge graph for production logistics resource allocation. <i>Computers and Industrial Engineering</i> , 2022, 171, 108454.	6.3	27
150	Game-Theoretic Study of the Dynamics of Tourism Supply Chains for Package Holidays under Quantity Competition. <i>Tourism Economics</i> , 2010, 16, 197-216.	4.1	26
151	Towards Physical Internet-enabled Prefabricated Housing Construction in Hong Kong. <i>IFAC-PapersOnLine</i> , 2015, 48, 1079-1086.	0.9	26
152	A game-theoretic approach to generating optimal process plans of multiple jobs in networked manufacturing. <i>International Journal of Computer Integrated Manufacturing</i> , 2010, 23, 1118-1132.	4.6	25
153	Ubiquitous auction learning system with TELD (Teaching by Examples and Learning by Doing) approach: A quasi-experimental study. <i>Computers and Education</i> , 2017, 111, 144-157.	8.3	25
154	Impacts of business environment changes on global manufacturing outsourcing in China. <i>Supply Chain Management</i> , 2012, 17, 138-151.	6.4	24
155	Schedule-based execution bottleneck identification in a job shop. <i>Computers and Industrial Engineering</i> , 2016, 98, 308-322.	6.3	24
156	Extending analytical target cascading for optimal supply chain network configuration of a product family. <i>International Journal of Computer Integrated Manufacturing</i> , 2009, 22, 1012-1023.	4.6	22
157	Simultaneous configuration of platform products and manufacturing supply chains: comparative investigation into impacts of different supply chain coordination schemes. <i>Production Planning and Control</i> , 2010, 21, 609-627.	8.8	22
158	Picking-replenishment synchronization for robotic forward-reserve warehouses. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 144, 102138.	7.4	22
159	Web-based design review of fuel pumps using fuzzy set theory. <i>Engineering Applications of Artificial Intelligence</i> , 2002, 15, 529-539.	8.1	21
160	Cloud-based ubiquitous object sharing platform for heterogeneous logistics system integration. <i>Advanced Engineering Informatics</i> , 2018, 38, 343-356.	8.0	21
161	A Game-Theoretic Approach to Choice of Profit and Revenue Maximization Strategies in Tourism Supply Chains for Package Holidays. <i>Journal of China Tourism Research</i> , 2008, 4, 45-60.	1.9	20
162	A supply chain configuration model for reassessing global manufacturing in China. <i>Journal of Manufacturing Technology Management</i> , 2013, 24, 669-687.	6.4	20

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163	Graduation manufacturing system: synchronization with IoT-enabled smart tickets. Journal of Intelligent Manufacturing, 2019, 30, 2885-2900.	7.3	20
164	Auction-based transportation procurement in make-to-order systems. IIE Transactions, 2015, 47, 1236-1251.	2.1	19
165	Manufacturing synchronization in a hybrid flowshop with dynamic order arrivals. Journal of Intelligent Manufacturing, 2019, 30, 2659-2668.	7.3	19
166	An Integrated Pricing and Deteriorating Model and a Hybrid Algorithm for a VMI (Vendor-Managed-Inventory) Supply Chain. IEEE Transactions on Automation Science and Engineering, 2011, 8, 673-682.	5.2	18
167	Towards Operational Hedging for Logistics Uncertainty Management in Prefabrication Construction. IFAC-PapersOnLine, 2015, 48, 1128-1133.	0.9	18
168	Double Auction-Based Manufacturing Cloud Service Allocation in an Industrial Park. IEEE Transactions on Automation Science and Engineering, 2022, 19, 295-307.	5.2	18
169	Blockchain-Enabled ESG Reporting Framework for Sustainable Supply Chain. Smart Innovation, Systems and Technologies, 2021, , 403-413.	0.6	18
170	A Tandem Evolutionary Algorithm for Platform Product Customization. Journal of Computing and Information Science in Engineering, 2007, 7, 151-159.	2.7	17
171	RFID-enabled real-time manufacturing execution system for discrete manufacturing: Software design and implementation. , 2011, , .		17
172	Transportation service sharing and replenishment/delivery scheduling in Supply Hub in Industrial Park (SHIP). International Journal of Production Economics, 2016, 175, 109-120.	8.9	17
173	Internet of Things-based real-time production logistics synchronization mechanism and method toward customer order dynamics. Transactions of the Institute of Measurement and Control, 2017, 39, 429-445.	1.7	17
174	An operation synchronization model for distribution center in E-commerce logistics service. Advanced Engineering Informatics, 2020, 43, 101014.	8.0	17
175	Internet Applications in Product Design and Manufacturing. , 2003, , .		17
176	Location Management of Cloud Forklifts in Finished Product Warehouse. International Journal of Intelligent Systems, 2017, 32, 342-370.	5.7	16
177	A hybrid evolutionary algorithm with adaptive multi-population strategy for multi-objective optimization problems. Soft Computing, 2017, 21, 5975-5987.	3.6	16
178	Buffer space hedging enabled production time variation coordination in prefabricated construction. Computers and Industrial Engineering, 2019, 137, 106082.	6.3	16
179	Logistics sustainability practices: an IoT-enabled smart indoor parking system for industrial hazardous chemical vehicles. International Journal of Production Research, 2020, 58, 7490-7506.	7.5	16
180	Synchronization-oriented reconfiguration of FPAI under graduation intelligent manufacturing system in the COVID-19 pandemic and beyond. Journal of Manufacturing Systems, 2021, 60, 893-902.	13.9	16

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181	Optimization based transportation service trading in B2B e-commerce logistics. Journal of Intelligent Manufacturing, 2019, 30, 2603-2619.	7.3	15
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