

Irma ChacÃ³n

List of Publications by Year in descending order

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Version: 2024-02-01

330
papers

13,924
citations

23879

60
h-index

35168

102
g-index

337
all docs

337
docs citations

337
times ranked

9120
citing authors

#	ARTICLE	IF	CITATIONS
1	imseStudio: blockchain-enabled secure digital twin platform for service manufacturing. International Journal of Production Research, 2023, 61, 3984-4003.	4.9	11
2	Flexible Resource Scheduling for Software-Defined Cloud Manufacturing with Edge Computing. Engineering, 2023, 22, 60-70.	3.2	11
3	An advanced order batching approach for automated sequential auctions with forecasting and postponement. International Journal of Production Research, 2023, 61, 4180-4195.	4.9	2
4	Blockchain opportunities for construction industry in Hong Kong: a case study of RISC and site diary. Construction Innovation, 2023, 23, 443-466.	1.5	7
5	Impacts of social distancing measures on global supply chain configuration. International Journal of Production Research, 2023, 61, 2779-2794.	4.9	2
6	Community logistics: a dynamic strategy for facilitating immediate parcel delivery to smart lockers. International Journal of Production Research, 2023, 61, 2937-2962.	4.9	4
7	Operation twins: production-intralogistics synchronisation in Industry 4.0. International Journal of Production Research, 2023, 61, 5193-5211.	4.9	6
8	Spatial-temporal out-of-order execution for advanced planning and scheduling in cyber-physical factories. Journal of Intelligent Manufacturing, 2022, 33, 1355-1372.	4.4	8
9	Synchronization of production and delivery with time windows in fixed-position assembly islands under Graduation Intelligent Manufacturing System. Robotics and Computer-Integrated Manufacturing, 2022, 73, 102236.	6.1	9
10	Double Auction-Based Manufacturing Cloud Service Allocation in an Industrial Park. IEEE Transactions on Automation Science and Engineering, 2022, 19, 295-307.	3.4	18
11	Digital twin-enabled smart modular integrated construction system for on-site assembly. Computers in Industry, 2022, 136, 103594.	5.7	58
12	Intralogistics synchronization in robotic forward-reserve warehouses for e-commerce last-mile delivery. Transportation Research, Part E: Logistics and Transportation Review, 2022, 158, 102619.	3.7	5
13	Spatio-temporal synchronisation for human-cyber-physical assembly workstation 4.0 systems. International Journal of Production Research, 2022, 60, 704-722.	4.9	8
14	Just Trolley: Implementation of industrial IoT and digital twin-enabled spatial-temporal traceability and visibility for finished goods logistics. Advanced Engineering Informatics, 2022, 52, 101571.	4.0	12
15	Towards synchronization-oriented manufacturing planning and control for Industry 4.0 and beyond. IFAC-PapersOnLine, 2022, 55, 163-168.	0.5	12
16	Assembly Workstation 4.0: Concept, Framework and Research Perspectives for Assembly Systems Implementation in the Industry 4.0 Era. IFAC-PapersOnLine, 2022, 55, 420-426.	0.5	1
17	Cloud-edge-device Collaboration Mechanisms of Cloud Manufacturing for Customized and Personalized Products. , 2022, , .		1
18	Graduation-inspired synchronization for industry 4.0 planning, scheduling, and execution. Journal of Manufacturing Systems, 2022, 64, 94-106.	7.6	7

#	ARTICLE	IF	CITATIONS
19	Digital twin-enabled dynamic spatial-temporal knowledge graph for production logistics resource allocation. <i>Computers and Industrial Engineering</i> , 2022, 171, 108454.	3.4	27
20	Digital twin-enabled real-time synchronization for planning, scheduling, and execution in precast on-site assembly. <i>Automation in Construction</i> , 2022, 141, 104397.	4.8	28
21	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.	4.9	27
22	When and how to share first-mile parcel collection service. <i>European Journal of Operational Research</i> , 2021, 288, 153-169.	3.5	13
23	Bi-objective hybrid flow shop scheduling with common due date. <i>Operational Research</i> , 2021, 21, 1153-1178.	1.3	6
24	Transforming Hong Kong's warehousing industry with a novel business model: A game-theory analysis. <i>Robotics and Computer-Integrated Manufacturing</i> , 2021, 68, 102073.	6.1	9
25	IoT and digital twin enabled smart tracking for safety management. <i>Computers and Operations Research</i> , 2021, 128, 105183.	2.4	69
26	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.	3.4	37
27	Operation Twins: Synchronized Production-Intralogistics for Industry 4.0 Manufacturing. <i>IFIP Advances in Information and Communication Technology</i> , 2021, , 596-604.	0.5	1
28	Self-Organizing Material Flow Control using Smart Products: An Assessment by Simulation. <i>Journal of Industrial and Production Engineering</i> , 2021, 38, 148-156.	2.1	2
29	Cyber-physical spatial temporal analytics for digital twin-enabled smart contact tracing. <i>Industrial Management and Data Systems</i> , 2021, 121, 1082-1106.	2.2	8
30	Digital interoperability in logistics and supply chain management: state-of-the-art and research avenues towards Physical Internet. <i>Computers in Industry</i> , 2021, 128, 103435.	5.7	61
31	Synchronization-oriented reconfiguration of FPAI under graduation intelligent manufacturing system in the COVID-19 pandemic and beyond. <i>Journal of Manufacturing Systems</i> , 2021, 60, 893-902.	7.6	16
32	Industrial Blockchain: A state-of-the-art Survey. <i>Robotics and Computer-Integrated Manufacturing</i> , 2021, 70, 102124.	6.1	39
33	Optimal digital product auctions with unlimited supply and rebidding behavior. <i>Annals of Operations Research</i> , 2021, 307, 399-416.	2.6	2
34	Synchroperation in industry 4.0 manufacturing. <i>International Journal of Production Economics</i> , 2021, 238, 108171.	5.1	55
35	Research on economic benefits of multi-city logistics development based on data-driven analysis. <i>Advanced Engineering Informatics</i> , 2021, 49, 101322.	4.0	9
36	Production-intralogistics synchronization of industry 4.0 flexible assembly lines under graduation intelligent manufacturing system. <i>International Journal of Production Economics</i> , 2021, 241, 108272.	5.1	29

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37	Blockchain-based smart tracking and tracing platform for drug supply chain. Computers and Industrial Engineering, 2021, 161, 107669.	3.4	81
38	Blockchain-enabled cyber-physical smart modular integrated construction. Computers in Industry, 2021, 133, 103553.	5.7	48
39	Blockchain-Enabled ESG Reporting Framework for Sustainable Supply Chain. Smart Innovation, Systems and Technologies, 2021, , 403-413.	0.5	18
40	Preparation of Papers for IFAC Conferences & Symposia: Computer Vision-enabled Human-Cyber-Physical Workstation System towards Assembly 4.0. IFAC-PapersOnLine, 2021, 54, 464-471.	0.5	0
41	Preparation of Papers for IFAC Conferences & Symposia: Computer Vision-enabled Human-Cyber-Physical Workstation for Proactive Ergonomic Risks Mitigation. IFAC-PapersOnLine, 2021, 54, 450-457.	0.5	3
42	A systematic review of China's belt and road initiative: implications for global supply chain management. International Journal of Production Research, 2020, 58, 2436-2453.	4.9	55
43	Blockchain-based ubiquitous manufacturing: a secure and reliable cyber-physical system. International Journal of Production Research, 2020, 58, 2200-2221.	4.9	75
44	An operation synchronization model for distribution center in E-commerce logistics service. Advanced Engineering Informatics, 2020, 43, 101014.	4.0	17
45	Cyber physical ecommerce logistics system: An implementation case in Hong Kong. Computers and Industrial Engineering, 2020, 139, 106170.	3.4	41
46	Variable neighborhood search and tabu search for auction-based waste collection synchronization. Transportation Research Part B: Methodological, 2020, 133, 1-20.	2.8	29
47	Digital twin-enabled Graduation Intelligent Manufacturing System for fixed-position assembly islands. Robotics and Computer-Integrated Manufacturing, 2020, 63, 101917.	6.1	81
48	Industrial blockchain based framework for product lifecycle management in industry 4.0. Robotics and Computer-Integrated Manufacturing, 2020, 63, 101897.	6.1	125
49	Digital twin-based opti-state control method for a synchronized production operation system. Robotics and Computer-Integrated Manufacturing, 2020, 63, 101892.	6.1	64
50	Multi-period multi-echelon inventory transportation problem considering stakeholders behavioural tendencies. International Journal of Production Economics, 2020, 225, 107566.	5.1	29
51	Picking-replenishment synchronization for robotic forward-reserve warehouses. Transportation Research, Part E: Logistics and Transportation Review, 2020, 144, 102138.	3.7	22
52	Spatial-Temporal Finite Element Analytics for Cyber-Physical System-enabled Smart Factory: Application in Hybrid Flow Shop. Procedia Manufacturing, 2020, 51, 1229-1236.	1.9	6
53	An IoT-enabled Real-time Logistics System for A Third Party Company: A Case Study. Procedia Manufacturing, 2020, 49, 16-23.	1.9	11
54	Software-defined Cloud Manufacturing with Edge Computing for Industry 4.0. , 2020, , .		12

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55	A framework for personalized production based on digital twin, blockchain and additive manufacturing in the context of Industry 4.0. , 2020, , .		32
56	Computer Vision-enabled HCPS Assembly Workstations Swarm for Enhancing Responsiveness in Mass Customization. , 2020, , .		3
57	Special issue on recent advances in design analytics. International Journal of Computer Integrated Manufacturing, 2020, 33, 643-644.	2.9	0
58	Computer Vision-enabled Human-Cyber-Physical Workstations Collaboration for Reconfigurable Assembly System. Procedia Manufacturing, 2020, 51, 565-570.	1.9	2
59	A Demonstrative Case Study of Minibus Assembly under CiMS. , 2020, , .		0
60	Modularisation strategies in the AEC industry: a comparative analysis. Architectural Engineering and Design Management, 2020, 16, 270-292.	1.2	11
61	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.	4.9	69
62	Cloud-based product-service systems platform for household solid waste classification management. IET Collaborative Intelligent Manufacturing, 2020, 2, 66-73.	1.9	5
63	Towards Zero-Warehousing Smart Manufacturing from Zero-Inventory Just-In-Time production. Robotics and Computer-Integrated Manufacturing, 2020, 64, 101932.	6.1	51
64	IoT edge computing-enabled collaborative tracking system for manufacturing resources in industrial park. Advanced Engineering Informatics, 2020, 43, 101044.	4.0	53
65	Logistics sustainability practices: an IoT-enabled smart indoor parking system for industrial hazardous chemical vehicles. International Journal of Production Research, 2020, 58, 7490-7506.	4.9	16
66	Editorial: Online-to-offline ecommerce operations management (EOM). Transportation Research, Part E: Logistics and Transportation Review, 2020, 138, 101920.	3.7	8
67	Blockchain-enabled logistics finance execution platform for capital-constrained E-commerce retail. Robotics and Computer-Integrated Manufacturing, 2020, 65, 101962.	6.1	80
68	Spatial-temporal hedging coordination in prefabricated housing production. International Journal of Production Economics, 2020, 229, 107792.	5.1	13
69	Parking reservation disturbances. Transportation Research Part B: Methodological, 2020, 135, 83-97.	2.8	36
70	Cloud-based production logistics synchronisation service infrastructure for customised production processes. IET Collaborative Intelligent Manufacturing, 2020, 2, 115-122.	1.9	6
71	Study on the scheme design framework and service business case of product service system oriented by customer value. IET Collaborative Intelligent Manufacturing, 2020, 2, 132-141.	1.9	4
72	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.	4.9	31

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73	Digitalâ€twinâ€based implementation framework of production service system for highly dynamic production logistics operation. IET Collaborative Intelligent Manufacturing, 2020, 2, 74-80.	1.9	6
74	Game theoretic analysis of horizontal carrier coordination with revenue sharing in E-commerce logistics. International Journal of Production Research, 2019, 57, 1524-1551.	4.9	51
75	Graduation manufacturing system: synchronization with IoT-enabled smart tickets. Journal of Intelligent Manufacturing, 2019, 30, 2885-2900.	4.4	20
76	Revenue sharing model in New Hong Kongâ€™s warehousing business paradigm. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 883-892.	3.3	6
77	Research on Improvement of Truck Vibration Based on Systematic G8D Method. Shock and Vibration, 2019, 2019, 1-11.	0.3	6
78	Blockchain-enabled workflow operating system for logistics resources sharing in E-commerce logistics real estate service. Computers and Industrial Engineering, 2019, 135, 950-969.	3.4	84
79	An Internet of Things-enabled BIM platform for modular integrated construction: A case study in Hong Kong. Advanced Engineering Informatics, 2019, 42, 100997.	4.0	99
80	Production service system enabled by cloud-based smart resource hierarchy for a highly dynamic synchronized production process. Advanced Engineering Informatics, 2019, 42, 100995.	4.0	14
81	Buffer space hedging enabled production time variation coordination in prefabricated construction. Computers and Industrial Engineering, 2019, 137, 106082.	3.4	16
82	Industrial robot selection using stochastic multicriteria acceptability analysis for group decision making. Robotics and Autonomous Systems, 2019, 122, 103304.	3.0	29
83	Synchronized scheduling of production and outbound shipping using bilevel-based simulated annealing algorithm. Computers and Industrial Engineering, 2019, 137, 106050.	3.4	6
84	A Physical Emulation Model of Cellular Warehousing for E-commerce Logistics. Procedia CIRP, 2019, 83, 339-344.	1.0	4
85	Service Delivery Process improvement using Decision Support Systems in two manufacturing companies. Procedia CIRP, 2019, 83, 248-253.	1.0	1
86	Decision-Support System-based Service Delivery in the Product-Service System Context: Literature Review and Gap Analysis. Procedia CIRP, 2019, 83, 126-131.	1.0	8
87	Approximate and branch-and-bound algorithms for the parallel machine scheduling problem with a single server. Journal of the Operational Research Society, 2019, 70, 1554-1570.	2.1	10
88	Synchronizing e-commerce city logistics with sliding time windows. Transportation Research, Part E: Logistics and Transportation Review, 2019, 123, 17-28.	3.7	31
89	Alternative pair in the airport network. Transportation Research, Part A: Policy and Practice, 2019, 124, 408-418.	2.0	8
90	A multi-objective approach to analyse the effect of fuel consumption on ship routing and scheduling problem. International Journal of Shipping and Transport Logistics, 2019, 11, 161.	0.2	5

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91	Horizontal collaborative transport: survey of solutions and practical implementation issues. International Journal of Production Research, 2019, 57, 5340-5361.	4.9	129
92	A Blockchain and AutoML Approach for Open and Automated Customer Service. IEEE Transactions on Industrial Informatics, 2019, 15, 3642-3651.	7.2	59
93	Cloud-based mobile gateway operation system for industrial wearables. Robotics and Computer-Integrated Manufacturing, 2019, 58, 43-54.	6.1	33
94	Software-defined Cloud Manufacturing in the Context of Industry 4.0. , 2019, , .		4
95	Towards Assembly 4.0: Graduation Intelligent Manufacturing System for Fixed-position Assembly Islands. IFAC-PapersOnLine, 2019, 52, 1513-1518.	0.5	12
96	IoT-enabled dynamic lean control mechanism for typical production systems. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 1009-1023.	3.3	33
97	A cooperative approach to service booking and scheduling in cloud manufacturing. European Journal of Operational Research, 2019, 273, 861-873.	3.5	61
98	CKshare: secured cloud-based knowledge-sharing blockchain for injection mold redesign. Enterprise Information Systems, 2019, 13, 1-33.	3.3	58
99	Efficiency and robustness of weighted air transport networks. Transportation Research, Part E: Logistics and Transportation Review, 2019, 122, 14-26.	3.7	80
100	Cloud-based fleet management for prefabrication transportation. Enterprise Information Systems, 2019, 13, 87-106.	3.3	42
101	Industrial wearable system: the human-centric empowering technology in Industry 4.0. Journal of Intelligent Manufacturing, 2019, 30, 2853-2869.	4.4	117
102	Optimization based transportation service trading in B2B e-commerce logistics. Journal of Intelligent Manufacturing, 2019, 30, 2603-2619.	4.4	15
103	Manufacturing synchronization in a hybrid flowshop with dynamic order arrivals. Journal of Intelligent Manufacturing, 2019, 30, 2659-2668.	4.4	19
104	Special issue on smart energy efficient manufacturing. International Journal of Computer Integrated Manufacturing, 2018, 31, 335-336.	2.9	1
105	Data-Driven Resilient Fleet Management for Cloud Asset-enabled Urban Flood Control. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 1827-1838.	4.7	27
106	IoT-Enabled Parking Space Sharing and Allocation Mechanisms. IEEE Transactions on Automation Science and Engineering, 2018, 15, 1654-1664.	3.4	59
107	Toward open manufacturing. Industrial Management and Data Systems, 2018, 118, 303-320.	2.2	197
108	Distributed and collaborative proactive tandem location tracking of vehicle products for warehouse operations. Computers and Industrial Engineering, 2018, 125, 637-648.	3.4	32

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109	Buffer space hedging and coordination in prefabricated construction supply chain management. International Journal of Production Economics, 2018, 200, 192-206.	5.1	49
110	Auction-based city logistics synchronization. IISE Transactions, 2018, 50, 837-851.	1.6	11
111	Synchronisation for smart factory - towards IoT-enabled mechanisms. International Journal of Computer Integrated Manufacturing, 2018, 31, 624-635.	2.9	39
112	Digital pricing with piracy and variety seeking. International Journal of Production Economics, 2018, 206, 184-195.	5.1	10
113	Physical-internet-enabled auction logistics in perishable supply chain trading. Industrial Management and Data Systems, 2018, 118, 1671-1694.	2.2	14
114	Linking radio-frequency identification to Building Information Modeling: Status quo, development trajectory and guidelines for practitioners. Automation in Construction, 2018, 93, 241-251.	4.8	37
115	An ontology-based product design framework for manufacturability verification and knowledge reuse. International Journal of Advanced Manufacturing Technology, 2018, 99, 2121-2135.	1.5	37
116	The impact of industrial wearable system on industry 4.0. , 2018, , .		9
117	Mobile gateway operation system for industrial wearables. , 2018, , .		0
118	Toward a blockchain cloud manufacturing system as a peer to peer distributed network platform. Robotics and Computer-Integrated Manufacturing, 2018, 54, 133-144.	6.1	237
119	Dynamic mapping of design elements and affective responses: a machine learning based method for affective design. Journal of Engineering Design, 2018, 29, 358-380.	1.1	33
120	Cloud-based ubiquitous object sharing platform for heterogeneous logistics system integration. Advanced Engineering Informatics, 2018, 38, 343-356.	4.0	21
121	Research on operation model of process cluster supply chain. , 2018, , .		0
122	Big Data Analytics for Physical Internet-based intelligent manufacturing shop floors. International Journal of Production Research, 2017, 55, 2610-2621.	4.9	301
123	System dynamics analysis for an Internet-of-Things-enabled production logistics system. International Journal of Production Research, 2017, 55, 2622-2649.	4.9	90
124	Cloud-based smart asset management for urban flood control. Enterprise Information Systems, 2017, 11, 719-737.	3.3	14
125	Prefabricated construction enabled by the Internet-of-Things. Automation in Construction, 2017, 76, 59-70.	4.8	290
126	Data analysis for metropolitan economic and logistics development. Advanced Engineering Informatics, 2017, 32, 66-76.	4.0	39

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127	Naming Objects in BIM: A Convention and a Semiautomatic Approach. Journal of Construction Engineering and Management - ASCE, 2017, 143, .	2.0	14
128	Towards product customization and personalization in IoT-enabled cloud manufacturing. Cluster Computing, 2017, 20, 1717-1730.	3.5	88
129	Optimal configuration of assembly supply chains based on Hybrid augmented Lagrangian coordination in an industrial cluster. Computers and Industrial Engineering, 2017, 112, 511-525.	3.4	13
130	Ubiquitous auction learning system with TELD (Teaching by Examples and Learning by Doing) approach: A quasi-experimental study. Computers and Education, 2017, 111, 144-157.	5.1	25
131	Optimal collaborative transportation service trading in B2B e-commerce logistics. International Journal of Production Research, 2017, 55, 5485-5501.	4.9	54
132	Physical Internet and interconnected logistics services: research and applications. International Journal of Production Research, 2017, 55, 2603-2609.	4.9	117
133	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.	1.1	17
134	E-commerce logistics in supply chain management. Industrial Management and Data Systems, 2017, 117, 2263-2286.	2.2	93
135	A NSGA-II based memetic algorithm for multiobjective parallel flowshop scheduling problem. Computers and Industrial Engineering, 2017, 113, 185-194.	3.4	70
136	Integrating RFID and BIM technologies for mitigating risks and improving schedule performance of prefabricated house construction. Journal of Cleaner Production, 2017, 165, 1048-1062.	4.6	187
137	Cloud Manufacturing-Enabled Production Logistics Service System in Industrial Park. , 2017, , .		1
138	Deconstructing bottleneck shiftiness: the impact of bottleneck position on order release control in pure flow shops. Production Planning and Control, 2017, 28, 1223-1235.	5.8	14
139	Robot-enabled execution system for perishables auction logistics. Industrial Management and Data Systems, 2017, 117, 1954-1971.	2.2	8
140	Operational Hedging and Coordination in Prefabrication Construction Industry. Procedia Manufacturing, 2017, 11, 1178-1183.	1.9	5
141	Location Management of Cloud Forklifts in Finished Product Warehouse. International Journal of Intelligent Systems, 2017, 32, 342-370.	3.3	16
142	A hybrid evolutionary algorithm with adaptive multi-population strategy for multi-objective optimization problems. Soft Computing, 2017, 21, 5975-5987.	2.1	16
143	An SCO-Enabled Logistics and Supply Chain Management System in Construction. Journal of Construction Engineering and Management - ASCE, 2017, 143, .	2.0	43
144	Truthful, Budget-Balanced Bundle Double Auctions for Carrier Collaboration. Transportation Science, 2017, 51, 1365-1386.	2.6	53

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145	Production lead-time hedging and coordination in prefabricated construction supply chain management. International Journal of Production Research, 2017, 55, 3984-4002.	4.9	70
146	Efficient Multi-Attribute Multi-Unit Auctions for B2B E-commerce Logistics. Production and Operations Management, 2017, 26, 292-304.	2.1	59
147	IoT-enabled manufacturing synchronization for ecommerce. , 2017, , .		0
148	Physical internet-enabled E-commerce logistics park platform. , 2017, , .		1
149	Warehouse workload control for production logistic. , 2017, , .		5
150	IoT-enabled parking space sharing. , 2017, , .		3
151	Coordination of service clients in cloud manufacturing considering MfgSync. , 2017, , .		0
152	Cloud gateway operation system for E-commerce consolidation. , 2017, , .		2
153	On the determination of the optimal configuration of process cluster supply chain by use of augmented Lagrangian coordination. , 2017, , .		0
154	Open and collaborative product design and production in IoT-enabled manufacturing cloud. , 2016, , .		0
155	iBeacon enabled indoor positioning for warehouse management. , 2016, , .		11
156	Scheduling at an auction logistics centre with physical internet. International Journal of Production Research, 2016, 54, 2670-2690.	4.9	31
157	A customer satisfaction evaluation model for logistics services using fuzzy analytic hierarchy process. Industrial Management and Data Systems, 2016, 116, 1024-1042.	2.2	41
158	Private parking slot sharing. Transportation Research Part B: Methodological, 2016, 93, 596-617.	2.8	75
159	A MPN-based scheduling model for IoT-enabled hybrid flow shop manufacturing. Advanced Engineering Informatics, 2016, 30, 728-736.	4.0	38
160	E-commerce Logistics in Supply Chain Management: Practice Perspective. Procedia CIRP, 2016, 52, 179-185.	1.0	121
161	Big Data for supply chain management in the service and manufacturing sectors: Challenges, opportunities, and future perspectives. Computers and Industrial Engineering, 2016, 101, 572-591.	3.4	410
162	Truthful multi-unit multi-attribute double auctions for perishable supply chain trading. Transportation Research, Part E: Logistics and Transportation Review, 2016, 93, 21-37.	3.7	28

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163	Sizing, pricing and common replenishment in a headquarter-managed centralized distribution center. <i>Industrial Management and Data Systems</i> , 2016, 116, 1086-1104.	2.2	1
164	Schedule-based execution bottleneck identification in a job shop. <i>Computers and Industrial Engineering</i> , 2016, 98, 308-322.	3.4	24
165	Development and comparison of multiple genetic algorithms and heuristics for assembly production planning. <i>IMA Journal of Management Mathematics</i> , 2016, 27, 181-200.	1.1	6
166	Smart Construction Objects. <i>Journal of Computing in Civil Engineering</i> , 2016, 30, .	2.5	95
167	Transportation service sharing and replenishment/delivery scheduling in Supply Hub in Industrial Park (SHIP). <i>International Journal of Production Economics</i> , 2016, 175, 109-120.	5.1	17
168	IoT Enabled Production-Logistic Synchronization in Make-to-Order Industry. , 2016, , 527-538.		3
169	DUAL HESITANT FUZZY AGGREGATION OPERATORS. <i>Technological and Economic Development of Economy</i> , 2016, 22, 194-209.	2.3	45
170	Visualization of RFID-enabled shopfloor logistics Big Data in Cloud Manufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 84, 5-16.	1.5	220
171	IoT-based real-time production logistics synchronization system under smart cloud manufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 84, 147-164.	1.5	283
172	Auction-based transportation procurement in make-to-order systems. <i>IIE Transactions</i> , 2015, 47, 1236-1251.	2.1	19
173	Data-source interoperability service for heterogeneous information integration in ubiquitous enterprises. <i>Advanced Engineering Informatics</i> , 2015, 29, 549-561.	4.0	36
174	Cloud Asset-enabled Prefabrication Transportation Service for public housing production in Hong Kong. , 2015, , .		3
175	Towards Physical Internet-enabled Prefabricated Housing Construction in Hong Kong. <i>IFAC-PapersOnLine</i> , 2015, 48, 1079-1086.	0.5	26
176	Incentive Contracts on Tourism Service Quality under Asymmetric Information. <i>Journal of China Tourism Research</i> , 2015, 11, 402-423.	1.2	1
177	Robotics in ecommerce logistics. <i>HKIE Transactions</i> , 2015, 22, 68-77.	1.9	33
178	Cloud asset for urban flood control. <i>Advanced Engineering Informatics</i> , 2015, 29, 355-365.	4.0	42
179	A two-level advanced production planning and scheduling model for RFID-enabled ubiquitous manufacturing. <i>Advanced Engineering Informatics</i> , 2015, 29, 799-812.	4.0	107
180	Optimal configuration of cluster supply chains with augmented Lagrange coordination. <i>Computers and Industrial Engineering</i> , 2015, 84, 43-55.	3.4	34

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181	Cloud-enabled real-time platform for adaptive planning and control in auction logistics center. Computers and Industrial Engineering, 2015, 84, 79-90.	3.4	50
182	A big data approach for logistics trajectory discovery from RFID-enabled production data. International Journal of Production Economics, 2015, 165, 260-272.	5.1	363
183	Synchronisation of production scheduling and shipment in an assembly flowshop. International Journal of Production Research, 2015, 53, 2787-2802.	4.9	48
184	Reconfigurable Auto-ID Enabled Software as a Service (SaaS) Shell for Real-Time Fleet Management in Industrial Parks. Journal of Computing in Civil Engineering, 2015, 29, .	2.5	8
185	Bridging BIM and building: From a literature review to an integrated conceptual framework. International Journal of Project Management, 2015, 33, 1405-1416.	2.7	168
186	Minimizing energy consumption in a U-shaped robotic assembly line. , 2015, , .		8
187	Towards Operational Hedging for Logistics Uncertainty Management in Prefabrication Construction. IFAC-PapersOnLine, 2015, 48, 1128-1133.	0.5	18
188	A Bilevel Analytical Model for Dynamic Storage Pricing in a Supply Hub in Industrial Park (SHIP). IEEE Transactions on Automation Science and Engineering, 2015, 12, 1017-1032.	3.4	11
189	Efficient intermodal transportation auctions for B2B e-commerce logistics with transaction costs. Transportation Research Part B: Methodological, 2015, 80, 322-337.	2.8	64
190	An investigation on minimizing cycle time and total energy consumption in robotic assembly line systems. Journal of Cleaner Production, 2015, 90, 311-325.	4.6	108
191	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.	3.7	28
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