

George Huang

List of Publications by Year in descending order

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229
papers

8,942
citations

41339

49
h-index

53222

85
g-index

231
all docs

231
docs citations

231
times ranked

5361
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Prefabricated construction enabled by the Internet-of-Things. <i>Automation in Construction</i> , 2017, 76, 59-70.	9.8	290
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	RFID-enabled real-time wireless manufacturing for adaptive assembly planning and control. <i>Journal of Intelligent Manufacturing</i> , 2008, 19, 701-713.	7.3	137
14	Horizontal collaborative transport: survey of solutions and practical implementation issues. <i>International Journal of Production Research</i> , 2019, 57, 5340-5361.	7.5	129
15	Physical Internet and interconnected logistics services: research and applications. <i>International Journal of Production Research</i> , 2017, 55, 2603-2609.	7.5	117
16	Industrial wearable system: the human-centric empowering technology in Industry 4.0. <i>Journal of Intelligent Manufacturing</i> , 2019, 30, 2853-2869.	7.3	117
17	Impact of information sharing on inventory replenishment in divergent supply chains. <i>International Journal of Production Research</i> , 2004, 42, 919-941.	7.5	114
18	Radio frequency identification-enabled real-time manufacturing execution system: a case study in an automotive part manufacturer. <i>International Journal of Computer Integrated Manufacturing</i> , 2012, 25, 51-65.	4.6	108

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19	An Internet of Things-enabled BIM platform for modular integrated construction: A case study in Hong Kong. <i>Advanced Engineering Informatics</i> , 2019, 42, 100997.	8.0	99
20	Wireless manufacturing: a literature review, recent developments, and case studies. <i>International Journal of Computer Integrated Manufacturing</i> , 2009, 22, 579-594.	4.6	92
21	RFID-enabled real-time advanced planning and scheduling shell for production decision making. <i>International Journal of Computer Integrated Manufacturing</i> , 2013, 26, 649-662.	4.6	91
22	System dynamics analysis for an Internet-of-Things-enabled production logistics system. <i>International Journal of Production Research</i> , 2017, 55, 2622-2649.	7.5	90
23	Agent-based Smart Gateway for RFID-enabled real-time wireless manufacturing. <i>International Journal of Production Research</i> , 2011, 49, 1337-1352.	7.5	88
24	Towards product customization and personalization in IoT-enabled cloud manufacturing. <i>Cluster Computing</i> , 2017, 20, 1717-1730.	5.0	88
25	A case of implementing RFID-based real-time shop-floor material management for household electrical appliance manufacturers. <i>Journal of Intelligent Manufacturing</i> , 2012, 23, 2343-2356.	7.3	82
26	Mining SOTs and dispatching rules from RFID-enabled real-time shopfloor production data. <i>Journal of Intelligent Manufacturing</i> , 2014, 25, 825-843.	7.3	81
27	Digital twin-enabled Graduation Intelligent Manufacturing System for fixed-position assembly islands. <i>Robotics and Computer-Integrated Manufacturing</i> , 2020, 63, 101917.	9.9	81
28	Blockchain-based smart tracking and tracing platform for drug supply chain. <i>Computers and Industrial Engineering</i> , 2021, 161, 107669.	6.3	81
29	Blockchain-enabled logistics finance execution platform for capital-constrained E-commerce retail. <i>Robotics and Computer-Integrated Manufacturing</i> , 2020, 65, 101962.	9.9	80
30	Agent-based workflow management for RFID-enabled real-time reconfigurable manufacturing. <i>International Journal of Computer Integrated Manufacturing</i> , 2010, 23, 101-112.	4.6	77
31	Blockchain-based ubiquitous manufacturing: a secure and reliable cyber-physical system. <i>International Journal of Production Research</i> , 2020, 58, 2200-2221.	7.5	75
32	Truthful multi-unit transportation procurement auctions for logistics e-marketplaces. <i>Transportation Research Part B: Methodological</i> , 2013, 47, 127-148.	5.9	73
33	Simultaneous configuration of platform products and manufacturing supply chains. <i>International Journal of Production Research</i> , 2008, 46, 6137-6162.	7.5	70
34	Production lead-time hedging and coordination in prefabricated construction supply chain management. <i>International Journal of Production Research</i> , 2017, 55, 3984-4002.	7.5	70
35	A sustainable production capability evaluation mechanism based on blockchain, LSTM, analytic hierarchy process for supply chain network. <i>International Journal of Production Research</i> , 2020, 58, 7399-7419.	7.5	69
36	Digital twin-based opti-state control method for a synchronized production operation system. <i>Robotics and Computer-Integrated Manufacturing</i> , 2020, 63, 101892.	9.9	64

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37	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
38	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
39	A cooperative approach to service booking and scheduling in cloud manufacturing. European Journal of Operational Research, 2019, 273, 861-873.	5.7	61
40	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
41	Efficient Multi-Attribute Multi-Unit Auctions for B2B E-commerce Logistics. Production and Operations Management, 2017, 26, 292-304.	3.8	59
42	A Blockchain and AutoML Approach for Open and Automated Customer Service. IEEE Transactions on Industrial Informatics, 2019, 15, 3642-3651.	11.3	59
43	CKshare: secured cloud-based knowledge-sharing blockchain for injection mold redesign. Enterprise Information Systems, 2019, 13, 1-33.	4.7	58
44	Agent-based Gateway Operating System for RFID-enabled ubiquitous manufacturing enterprise. Robotics and Computer-Integrated Manufacturing, 2013, 29, 222-231.	9.9	55
45	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.	7.5	55
46	Synchroperation in industry 4.0 manufacturing. International Journal of Production Economics, 2021, 238, 108171.	8.9	55
47	Efficient auctions for distributed transportation procurement. Transportation Research Part B: Methodological, 2014, 65, 47-64.	5.9	54
48	Optimal collaborative transportation service trading in B2B e-commerce logistics. International Journal of Production Research, 2017, 55, 5485-5501.	7.5	54
49	Optimal service selection and composition for service-oriented manufacturing network. International Journal of Computer Integrated Manufacturing, 2011, 24, 416-430.	4.6	53
50	Truthful, Budget-Balanced Bundle Double Auctions for Carrier Collaboration. Transportation Science, 2017, 51, 1365-1386.	4.4	53
51	RFID-enabled real-time manufacturing information tracking infrastructure for extended enterprises. Journal of Intelligent Manufacturing, 2012, 23, 2357-2366.	7.3	52
52	Game theoretic analysis of horizontal carrier coordination with revenue sharing in E-commerce logistics. International Journal of Production Research, 2019, 57, 1524-1551.	7.5	51
53	Towards Zero-Warehousing Smart Manufacturing from Zero-Inventory Just-In-Time production. Robotics and Computer-Integrated Manufacturing, 2020, 64, 101932.	9.9	51
54	<sc>RFID-</sc>enabled product-service system for automotive part and accessory manufacturing alliances. International Journal of Production Research, 2012, 50, 3821-3840.	7.5	49

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55	Buffer space hedging and coordination in prefabricated construction supply chain management. International Journal of Production Economics, 2018, 200, 192-206.	8.9	49
56	Real-time work-in-progress management for smart object-enabled ubiquitous shop-floor environment. International Journal of Computer Integrated Manufacturing, 2011, 24, 431-445.	4.6	48
57	Synchronisation of production scheduling and shipment in an assembly flowshop. International Journal of Production Research, 2015, 53, 2787-2802.	7.5	48
58	Web-integrated manufacturing: Recent developments and emerging issues. International Journal of Computer Integrated Manufacturing, 2001, 14, 3-13.	4.6	47
59	Implementing an industrial product-service system for CNC machine tool. International Journal of Advanced Manufacturing Technology, 2011, 52, 1133-1147.	3.0	44
60	A game-theory approach for job scheduling in networked manufacturing. International Journal of Advanced Manufacturing Technology, 2009, 41, 972-985.	3.0	43
61	Supply Hub in Industrial Park (SHIP): The value of freight consolidation. Computers and Industrial Engineering, 2013, 65, 16-27.	6.3	43
62	Cloud asset for urban flood control. Advanced Engineering Informatics, 2015, 29, 355-365.	8.0	42
63	Cloud-based fleet management for prefabrication transportation. Enterprise Information Systems, 2019, 13, 87-106.	4.7	42
64	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
65	Cyber physical ecommerce logistics system: An implementation case in Hong Kong. Computers and Industrial Engineering, 2020, 139, 106170.	6.3	41
66	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
67	Distributed project scheduling with information sharing in supply chains: part I – an agent-based negotiation model. International Journal of Production Research, 2005, 43, 4813-4838.	7.5	39
68	Synchronisation for smart factory - towards IoT-enabled mechanisms. International Journal of Computer Integrated Manufacturing, 2018, 31, 624-635.	4.6	39
69	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
70	Web-based morphological charts for concept design in collaborative product development. Journal of Intelligent Manufacturing, 1999, 10, 267-278.	7.3	37
71	Optimal configuration of assembly supply chains using analytical target cascading. International Journal of Production Research, 2010, 48, 6883-6907.	7.5	37
72	An ontology-based product design framework for manufacturability verification and knowledge reuse. International Journal of Advanced Manufacturing Technology, 2018, 99, 2121-2135.	3.0	37

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73	Issues in the development and implementation of web applications for product design and manufacture. <i>International Journal of Computer Integrated Manufacturing</i> , 2001, 14, 125-135.	4.6	36
74	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
75	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
76	Optimal configuration of cluster supply chains with augmented Lagrange coordination. <i>Computers and Industrial Engineering</i> , 2015, 84, 43-55.	6.3	34
77	Robotics in ecommerce logistics. <i>HKIE Transactions</i> , 2015, 22, 68-77.	0.1	33
78	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
79	Cloud-based mobile gateway operation system for industrial wearables. <i>Robotics and Computer-Integrated Manufacturing</i> , 2019, 58, 43-54.	9.9	33
80	Distributed and collaborative proactive tandem location tracking of vehicle products for warehouse operations. <i>Computers and Industrial Engineering</i> , 2018, 125, 637-648.	6.3	32
81	A comparative analysis of quantity and price competitions in tourism supply chain networks for package holidays. <i>Service Industries Journal</i> , 2010, 30, 1593-1606.	8.3	31
82	Two-stage product platform development for mass customisation. <i>International Journal of Production Research</i> , 2011, 49, 2197-2219.	7.5	31
83	Scheduling at an auction logistics centre with physical internet. <i>International Journal of Production Research</i> , 2016, 54, 2670-2690.	7.5	31
84	Synchronizing e-commerce city logistics with sliding time windows. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 123, 17-28.	7.4	31
85	A roadmap for Assembly 4.0: self-configuration of fixed-position assembly islands under Graduation Intelligent Manufacturing System. <i>International Journal of Production Research</i> , 2020, 58, 4631-4646.	7.5	31
86	Port strategy in the era of supply chain management: the case of Hong Kong. <i>Maritime Policy and Management</i> , 2014, 41, 367-383.	3.8	29
87	Multi-period hedging and coordination in a prefabricated construction supply chain. <i>International Journal of Production Research</i> , 2019, 57, 1949-1971.	7.5	29
88	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.	8.9	29
89	Truthful multi-unit multi-attribute double auctions for perishable supply chain trading. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016, 93, 21-37.	7.4	28
90	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

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91	Analytical target cascading-enabled optimal configuration platform for production service systems. International Journal of Computer Integrated Manufacturing, 2011, 24, 457-470.	4.6	27
92	Data-Driven Resilient Fleet Management for Cloud Asset-enabled Urban Flood Control. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 1827-1838.	8.0	27
93	Forward and reverse logistics vehicle routing problems with time horizons in B2C e-commerce logistics. International Journal of Production Research, 2021, 59, 6291-6310.	7.5	27
94	Distributed project scheduling with information sharing in supply chains: part II—“theoretical analysis and computational study. International Journal of Production Research, 2005, 43, 4899-4927.	7.5	26
95	A game-theoretic approach to generating optimal process plans of multiple jobs in networked manufacturing. International Journal of Computer Integrated Manufacturing, 2010, 23, 1118-1132.	4.6	25
96	Failure Mode and Effect Analysis (FMEA) Over the WWW. International Journal of Advanced Manufacturing Technology, 2000, 16, 603-608.	3.0	23
97	The application of workload control in assembly job shops: an assessment by simulation. International Journal of Production Research, 2012, 50, 5048-5062.	7.5	23
98	Synchronised Web Applications for Product Development in the 21st Century. International Journal of Advanced Manufacturing Technology, 2001, 18, 605-613.	3.0	22
99	Extending analytical target cascading for optimal supply chain network configuration of a product family. International Journal of Computer Integrated Manufacturing, 2009, 22, 1012-1023.	4.6	22
100	Simultaneous configuration of platform products and manufacturing supply chains: comparative investigation into impacts of different supply chain coordination schemes. Production Planning and Control, 2010, 21, 609-627.	8.8	22
101	A supply chain configuration model for reassessing global manufacturing in China. Journal of Manufacturing Technology Management, 2013, 24, 669-687.	6.4	20
102	Graduation manufacturing system: synchronization with IoT-enabled smart tickets. Journal of Intelligent Manufacturing, 2019, 30, 2885-2900.	7.3	20
103	Industrial IoT and Long Short-Term Memory Network-Enabled Genetic Indoor-Tracking for Factory Logistics. IEEE Transactions on Industrial Informatics, 2022, 18, 7537-7548.	11.3	20
104	Auction-based transportation procurement in make-to-order systems. IIE Transactions, 2015, 47, 1236-1251.	2.1	19
105	Manufacturing synchronization in a hybrid flowshop with dynamic order arrivals. Journal of Intelligent Manufacturing, 2019, 30, 2659-2668.	7.3	19
106	Distributed supply-chain project rescheduling: part II—“distributed affected operations rescheduling algorithm. International Journal of Production Research, 2006, 44, 1-25.	7.5	18
107	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
108	Digital twin-enabled smart industrial systems: recent developments and future perspectives. International Journal of Computer Integrated Manufacturing, 2021, 34, 685-689.	4.6	18

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109	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
110	A Tandem Evolutionary Algorithm for Platform Product Customization. Journal of Computing and Information Science in Engineering, 2007, 7, 151-159.	2.7	17
111	Multiobjective evolutionary optimisation for adaptive product family design. International Journal of Computer Integrated Manufacturing, 2009, 22, 299-314.	4.6	17
112	RFID-enabled real-time manufacturing execution system for discrete manufacturing: Software design and implementation. , 2011, , .		17
113	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
114	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
115	An operation synchronization model for distribution center in E-commerce logistics service. Advanced Engineering Informatics, 2020, 43, 101014.	8.0	17
116	Location Management of Cloud Forklifts in Finished Product Warehouse. International Journal of Intelligent Systems, 2017, 32, 342-370.	5.7	16
117	A hybrid evolutionary algorithm with adaptive multi-population strategy for multi-objective optimization problems. Soft Computing, 2017, 21, 5975-5987.	3.6	16
118	Buffer space hedging enabled production time variation coordination in prefabricated construction. Computers and Industrial Engineering, 2019, 137, 106082.	6.3	16
119	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
120	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
121	Optimization based transportation service trading in B2B e-commerce logistics. Journal of Intelligent Manufacturing, 2019, 30, 2603-2619.	7.3	15
122	Networked Manufacturing and Mass Customization in the ECommerce Era: the Chinese Perspective. International Journal of Computer Integrated Manufacturing, 2007, 20, 107-114.	4.6	14
123	Hybrid flowshop scheduling with family setup time and inconsistent family formation. International Journal of Production Research, 2012, 50, 1457-1475.	7.5	14
124	A Branch-and-Bound Algorithm for Minimizing the Energy Consumption in the PFS Problem. Mathematical Problems in Engineering, 2013, 2013, 1-6.	1.1	14
125	Cloud-based smart asset management for urban flood control. Enterprise Information Systems, 2017, 11, 719-737.	4.7	14
126	Deconstructing bottleneck shiftiness: the impact of bottleneck position on order release control in pure flow shops. Production Planning and Control, 2017, 28, 1223-1235.	8.8	14

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127	Distributed supply chain project rescheduling: Part I – impacts of information sharing strategies. <i>International Journal of Production Research</i> , 2005, 43, 5107-5129.	7.5	13
128	Impacts of business environment changes on global manufacturing in the Chinese Greater Pearl River Delta: a supply chain perspective. <i>Applied Economics</i> , 2012, 44, 4505-4514.	2.2	13
129	Optimal configuration of assembly supply chains based on Hybrid augmented Lagrangian coordination in an industrial cluster. <i>Computers and Industrial Engineering</i> , 2017, 112, 511-525.	6.3	13
130	A Fuzzy-Based Product Life Cycle Prediction for Sustainable Development in the Electric Vehicle Industry. <i>Energies</i> , 2020, 13, 3918.	3.1	13
131	Spatial-temporal hedging coordination in prefabricated housing production. <i>International Journal of Production Economics</i> , 2020, 229, 107792.	8.9	13
132	A cooperative coevolutionary algorithm for design of platform-based mass customized products. <i>Journal of Intelligent Manufacturing</i> , 2008, 19, 507-519.	7.3	12
133	The performance of Due Date setting rules in assembly and multi-stage job shops: an assessment by simulation. <i>International Journal of Production Research</i> , 2012, 50, 5949-5965.	7.5	12
134	Towards Assembly 4.0: Graduation Intelligent Manufacturing System for Fixed-position Assembly Islands. <i>IFAC-PapersOnLine</i> , 2019, 52, 1513-1518.	0.9	12
135	Towards synchronization-oriented manufacturing planning and control for Industry 4.0 and beyond. <i>IFAC-PapersOnLine</i> , 2022, 55, 163-168.	0.9	12
136	A Bilevel Analytical Model for Dynamic Storage Pricing in a Supply Hub in Industrial Park (SHIP). <i>IEEE Transactions on Automation Science and Engineering</i> , 2015, 12, 1017-1032.	5.2	11
137	Active scheduling for hybrid flowshop with family setup time and inconsistent family formation. <i>Journal of Intelligent Manufacturing</i> , 2015, 26, 169-187.	7.3	11
138	iBeacon enabled indoor positioning for warehouse management. , 2016, , .		11
139	Auction-based city logistics synchronization. <i>IIE Transactions</i> , 2018, 50, 837-851.	2.4	11
140	Modularisation strategies in the AEC industry: a comparative analysis. <i>Architectural Engineering and Design Management</i> , 2020, 16, 270-292.	1.7	11
141	imseStudio: blockchain-enabled secure digital twin platform for service manufacturing. <i>International Journal of Production Research</i> , 2023, 61, 3984-4003.	7.5	11
142	A generic and extensible information infrastructure framework for mass-customizing platform products. <i>International Journal of Computer Integrated Manufacturing</i> , 2007, 20, 292-306.	4.6	10
143	Genetic algorithm-based optimisation method for product family design with multi-level commonality. <i>Journal of Engineering Design</i> , 2008, 19, 401-416.	2.3	10
144	A two-level genetic algorithm for scheduling in assembly islands with fixed-position layouts. <i>Journal of Systems Science and Systems Engineering</i> , 2010, 19, 150-161.	1.6	10

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145	Case-based polishing process planning with Fuzzy Set Theory. <i>Journal of Intelligent Manufacturing</i> , 2010, 21, 831-842.	7.3	10
146	RFID-enabled pharmaceutical regulatory traceability system. , 2010, , .		10
147	Storage pricing, replenishment, and delivery schedules in a supply hub in industrial park: A bilevel programming approach. <i>International Journal of Production Research</i> , 2013, 51, 6950-6971.	7.5	10
148	Digital pricing with piracy and variety seeking. <i>International Journal of Production Economics</i> , 2018, 206, 184-195.	8.9	10
149	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.	9.9	9
150	Synchronization of production and delivery with time windows in fixed-position assembly islands under Graduation Intelligent Manufacturing System. <i>Robotics and Computer-Integrated Manufacturing</i> , 2022, 73, 102236.	9.9	9
151	Edge-Cloud Blockchain and IoE-Enabled Quality Management Platform for Perishable Supply Chain Logistics. <i>IEEE Internet of Things Journal</i> , 2023, 10, 3264-3275.	8.7	9
152	A big data cleansing approach for n-dimensional RFID-Cuboids. , 2014, , .		8
153	Reconfigurable Auto-ID Enabled Software as a Service (SaaS) Shell for Real-Time Fleet Management in Industrial Parks. <i>Journal of Computing in Civil Engineering</i> , 2015, 29, .	4.7	8
154	Minimizing energy consumption in a U-shaped robotic assembly line. , 2015, , .		8
155	Spatialâ€temporal out-of-order execution for advanced planning and scheduling in cyber-physical factories. <i>Journal of Intelligent Manufacturing</i> , 2022, 33, 1355-1372.	7.3	8
156	Spatio-temporal synchronisation for human-cyber-physical assembly workstation 4.0 systems. <i>International Journal of Production Research</i> , 2022, 60, 704-722.	7.5	8
157	Developing a Generic Design for X Shell. <i>Journal of Engineering Design</i> , 1997, 8, 251-260.	2.3	7
158	Study on Fruit Quality Inspection Based on Its Surface Color in Produce Logistics. , 2010, , .		7
159	Task-driven e-manufacturing resource configurable model. <i>Journal of Intelligent Manufacturing</i> , 2012, 23, 1681-1694.	7.3	7
160	Graduation-inspired synchronization for industry 4.0 planning, scheduling, and execution. <i>Journal of Manufacturing Systems</i> , 2022, 64, 94-106.	13.9	7
161	THE USE OF TAGUCHI METHODS IN POLISHING FOR QUALITY OPTIMIZATION. <i>International Journal of Reliability, Quality and Safety Engineering</i> , 2007, 14, 297-309.	0.6	6
162	Revenue sharing model in New Hong Kongâ€™s warehousing business paradigm. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2019, 10, 883-892.	4.9	6

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163	Spatial-Temporal Finite Element Analytics for Cyber-Physical System-enabled Smart Factory: Application in Hybrid Flow Shop. <i>Procedia Manufacturing</i> , 2020, 51, 1229-1236.	1.9	6
164	Bi-objective hybrid flow shop scheduling with common due date. <i>Operational Research</i> , 2021, 21, 1153-1178.	2.0	6
165	Digital Technologies and Automation: The Human and Eco-Centered Foundations for the Factory of the Future [TC Spotlight]. <i>IEEE Robotics and Automation Magazine</i> , 2021, 28, 174-179.	2.0	6
166	Cloud-based production logistics synchronisation service infrastructure for customised production processes. <i>IET Collaborative Intelligent Manufacturing</i> , 2020, 2, 115-122.	3.3	6
167	Digital-twin-based implementation framework of production service system for highly dynamic production logistics operation. <i>IET Collaborative Intelligent Manufacturing</i> , 2020, 2, 74-80.	3.3	6
168	Joint Decisions of Inventory Optimization and Order Allocation for Omni-Channel Multi-Echelon Distribution Network. <i>Sustainability</i> , 2022, 14, 5903.	3.2	6
169	Operation twins: production-intralogsitics synchronisation in Industry 4.0. <i>International Journal of Production Research</i> , 2023, 61, 5193-5211.	7.5	6
170	Extensible multi-agent system for optimal design of complex systems using analytical target cascading. <i>International Journal of Advanced Manufacturing Technology</i> , 2006, 30, 917-926.	3.0	5
171	Study on RFID-enabled real-time vehicle management system in logistics. , 2008, , .		5
172	Price coordination in a three-level supply chain with different channel structures using game-theoretic approach. <i>International Journal of Management Science and Engineering Management</i> , 2010, 5, 83-94.	3.1	5
173	No room for error: RFID-enabled smart point-of-care medication process in hospital wards. , 2011, , .		5
174	Special issue on "RFID-Enabled Manufacturing: Insights and Lessons from Industrial Cases"™. <i>International Journal of Computer Integrated Manufacturing</i> , 2012, 25, 1-2.	4.6	5
175	Divergent production scheduling with multi-process routes and common inventory. <i>International Journal of Production Research</i> , 2012, 50, 5762-5782.	7.5	5
176	Ontology-based dynamic alliance services (ODAS) in production service system. <i>International Journal of Computer Integrated Manufacturing</i> , 2014, 27, 148-164.	4.6	5
177	Warehouse workload control for production logistic. , 2017, , .		5
178	Cloud-based product-service systems platform for household solid waste classification management. <i>IET Collaborative Intelligent Manufacturing</i> , 2020, 2, 66-73.	3.3	5
179	Web-integrated manufacturing. <i>International Journal of Computer Integrated Manufacturing</i> , 2001, 14, 1-2.	4.6	4
180	Web-based design review portal with fuzzy set theoretic methods for fuel pump designs. <i>International Journal of Computer Integrated Manufacturing</i> , 2004, 17, 265-278.	4.6	4

#	ARTICLE	IF	CITATIONS
181	Software-defined Cloud Manufacturing in the Context of Industry 4.0. , 2019, , .		4
182	Study on the schemeâ€design framework and serviceâ€business case of product service system oriented by customer value. IET Collaborative Intelligent Manufacturing, 2020, 2, 132-141.	3.3	4
183	Community logistics: a dynamic strategy for facilitating immediate parcel delivery to smart lockers. International Journal of Production Research, 2023, 61, 2937-2962.	7.5	4
184	Early Supplier Involvement in New Product Development With WeBid: A Case Study on Video Conferencing System. Journal of Computing and Information Science in Engineering, 2003, 3, 363-365.	2.7	3
185	RFID-enabled real-time manufacturing for automotive part and accessory suppliers. , 2010, , .		3
186	Study on HSI color model-based fruit quality evaluation. , 2010, , .		3
187	Notice of Retraction: Study on fruit quality inspection based on color image processing. , 2010, , .		3
188	Cloud service-oriented dashboard for work cell management in RFID-enabled ubiquitous manufacturing. , 2013, , .		3
189	A real-time RFID-driven model for two-level production decision-making. , 2014, , .		3
190	Cloud Asset-enabled Prefabrication Transportation Service for public housing production in Hong Kong. , 2015, , .		3
191	IoT-enabled parking space sharing. , 2017, , .		3
192	Cell-level Production-Logistics Synchronization for multi-variety and small-batch Production: A step toward industry 4.0. , 2017, , .		3
193	Computer Vision-enabled HCPS Assembly Workstations Swarm for Enhancing Responsiveness in Mass Customization. , 2020, , .		3
194	Decisionâ€making of productâ€service system solution selection based on integrated weight and technique for order preference by similarity to an ideal solution. IET Collaborative Intelligent Manufacturing, 2020, 2, 102-108.	3.3	3
195	Big data-enabled intelligent synchronisation for the complex production logistics system under the opti-state control strategy. International Journal of Production Research, 2022, 60, 4159-4175.	7.5	3
196	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.	0.9	3
197	Knowledge acquisition for product development in knowledge grid. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2008, 222, 2269-2280.	2.1	2
198	A multi-period mixed integer programming model for the problem of relocating a global manufacturing facility. Journal of the Chinese Institute of Industrial Engineers, 2010, 27, 407-417.	0.5	2

#	ARTICLE	IF	CITATIONS
199	Supply hubs in industrial parks (SHIP): Research perspectives. , 2010, , .		2
200	Headquarters-centered Common Sourcing Management: Order Coordination and Order Consolidation. , 2011, , .		2
201	On storage capacity pooling through the Supply Hub in Industrial Park (SHIP): The impact of demand uncertainty. , 2011, , .		2
202	Self-Organizing Material Flow Control using Smart Products: An Assessment by Simulation. Journal of Industrial and Production Engineering, 2021, 38, 148-156.	3.1	2
203	Optimal digital product auctions with unlimited supply and rebidding behavior. Annals of Operations Research, 2021, 307, 399-416.	4.1	2
204	An advanced order batching approach for automated sequential auctions with forecasting and postponement. International Journal of Production Research, 2023, 61, 4180-4195.	7.5	2
205	Impacts of social distancing measures on global supply chain configuration. International Journal of Production Research, 2023, 61, 2779-2794.	7.5	2
206	A bilevel model for transportation service sharing in Supply Hub in Industrial Park (SHIP). , 2013, , .		1
207	RFID-enabled smart assembly workshop management system. , 2013, , .		1
208	An integrated cloud platform for cooperative smart asset management in urban flood control. , 2014, , .		1
209	Physical internet-enabled E-commerce logistics park platform. , 2017, , .		1
210	Special issue on smart energy efficient manufacturing. International Journal of Computer Integrated Manufacturing, 2018, 31, 335-336.	4.6	1
211	Operation Twins: Synchronized Production-Intralogistics for Industry 4.0 Manufacturing. IFIP Advances in Information and Communication Technology, 2021, , 596-604.	0.7	1
212	Optimal pricing for ferry services with a new entrant: a game-theoretic perspective. Transportmetrica A: Transport Science, 0, , 1-30.	2.0	1
213	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.	0.9	1
214	Guest Editorial Special Section on New Frontiers in Smart Factories: Smart Automation and Human-robot Interaction. IEEE Transactions on Automation Science and Engineering, 2022, 19, 1688-1690.	5.2	1
215	Case based polishing process planning with fuzzy set theory. , 2008, , .		0
216	Research on the Architecture of Mould Manufacturing Grid. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
217	Notice of Retraction: Analysis on polyurethane flame retardant migration based on temperature. , 2010, , .		0
218	Special issue on "6th CIRP-Sponsored International Conference of Digital Enterprise Technology (DET2009) " Enterprise Informatics"™. International Journal of Computer Integrated Manufacturing, 2011, 24, 375-377.	4.6	0
219	Guest editorial: digital enterprise technology. Journal of Intelligent Manufacturing, 2012, 23, 2319-2321.	7.3	0
220	New entropy weight-based TOPSIS for evaluation of multi-objective job-shop scheduling solutions. , 2012, , .		0
221	Headquarter-centered Common Order Management: a simulation approach. Production Planning and Control, 2014, 25, 1156-1168.	8.8	0
222	Inventory hedging and coordination under inventory-level-dependent demand. , 2014, , .		0
223	Optimal auctions for transportation service procurement in an infinite horizon inventory system. , 2014, , .		0
224	Coordination of service clients in cloud manufacturing considering MfgSync. , 2017, , .		0
225	On the determination of the optimal configuration of process cluster supply chain by use of augmented Lagrangian coordination. , 2017, , .		0
226	Mobile gateway operation system for industrial wearables. , 2018, , .		0
227	Special issue on recent advances in design analytics. International Journal of Computer Integrated Manufacturing, 2020, 33, 643-644.	4.6	0
228	A Demonstrative Case Study of Minibus Assembly under GiMS. , 2020, , .		0
229	SCENARIO ANALYSIS FOR HONG KONG PORT DEVELOPMENT UNDER CHANGING BUSINESS ENVIRONMENT. , 2011, , 69-90.		0