

# George Huang

## List of Publications by Year in descending order

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229  
papers

8,942  
citations

47409

49  
h-index

60403

85  
g-index

231  
all docs

231  
docs citations

231  
times ranked

6069  
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	Edge-Cloud Blockchain and IoE-Enabled Quality Management Platform for Perishable Supply Chain Logistics. IEEE Internet of Things Journal, 2023, 10, 3264-3275.	5.5	9
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	Impacts of social distancing measures on global supply chain configuration. International Journal of Production Research, 2023, 61, 2779-2794.	4.9	2
5	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
6	Operation twins: production-intralogsitics synchronisation in Industry 4.0. International Journal of Production Research, 2023, 61, 5193-5211.	4.9	6
7	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
8	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
9	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
10	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.	4.9	3
11	Industrial IoT and Long Short-Term Memory Network-Enabled Genetic Indoor-Tracking for Factory Logistics. IEEE Transactions on Industrial Informatics, 2022, 18, 7537-7548.	7.2	20
12	Spatio-temporal synchronisation for human-cyber-physical assembly workstation 4.0 systems. International Journal of Production Research, 2022, 60, 704-722.	4.9	8
13	Towards synchronization-oriented manufacturing planning and control for Industry 4.0 and beyond. IFAC-PapersOnLine, 2022, 55, 163-168.	0.5	12
14	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
15	Joint Decisions of Inventory Optimization and Order Allocation for Omni-Channel Multi-Echelon Distribution Network. Sustainability, 2022, 14, 5903.	1.6	6
16	Graduation-inspired synchronization for industry 4.0 planning, scheduling, and execution. Journal of Manufacturing Systems, 2022, 64, 94-106.	7.6	7
17	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.	3.4	1
18	Digital twin-enabled real-time synchronization for planning, scheduling, and execution in precast on-site assembly. Automation in Construction, 2022, 141, 104397.	4.8	28

#	ARTICLE	IF	CITATIONS
19	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
20	Bi-objective hybrid flow shop scheduling with common due date. <i>Operational Research</i> , 2021, 21, 1153-1178.	1.3	6
21	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
22	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
23	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
24	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
25	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
26	Optimal digital product auctions with unlimited supply and rebidding behavior. <i>Annals of Operations Research</i> , 2021, 307, 399-416.	2.6	2
27	Synchroperation in industry 4.0 manufacturing. <i>International Journal of Production Economics</i> , 2021, 238, 108171.	5.1	55
28	Digital twin-enabled smart industrial systems: recent developments and future perspectives. <i>International Journal of Computer Integrated Manufacturing</i> , 2021, 34, 685-689.	2.9	18
29	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.	2.2	6
30	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
31	Blockchain-based smart tracking and tracing platform for drug supply chain. <i>Computers and Industrial Engineering</i> , 2021, 161, 107669.	3.4	81
32	Preparation of Papers for IFAC Conferences & Symposia: Computer Vision-enabled Human-Cyber-Physical Workstation for Proactive Ergonomic Risks Mitigation. <i>IFAC-PapersOnLine</i> , 2021, 54, 450-457.	0.5	3
33	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.	4.9	55
34	Blockchain-based ubiquitous manufacturing: a secure and reliable cyber-physical system. <i>International Journal of Production Research</i> , 2020, 58, 2200-2221.	4.9	75
35	An operation synchronization model for distribution center in E-commerce logistics service. <i>Advanced Engineering Informatics</i> , 2020, 43, 101014.	4.0	17
36	Cyber physical ecommerce logistics system: An implementation case in Hong Kong. <i>Computers and Industrial Engineering</i> , 2020, 139, 106170.	3.4	41

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37	Digital twin-enabled Graduation Intelligent Manufacturing System for fixed-position assembly islands. Robotics and Computer-Integrated Manufacturing, 2020, 63, 101917.	6.1	81
38	Digital twin-based opti-state control method for a synchronized production operation system. Robotics and Computer-Integrated Manufacturing, 2020, 63, 101892.	6.1	64
39	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
40	Computer Vision-enabled HCPS Assembly Workstations Swarm for Enhancing Responsiveness in Mass Customization. , 2020, , .		3
41	A Fuzzy-Based Product Life Cycle Prediction for Sustainable Development in the Electric Vehicle Industry. Energies, 2020, 13, 3918.	1.6	13
42	Special issue on recent advances in design analytics. International Journal of Computer Integrated Manufacturing, 2020, 33, 643-644.	2.9	0
43	A Demonstrative Case Study of Minibus Assembly under GiMS. , 2020, , .		0
44	Modularisation strategies in the AEC industry: a comparative analysis. Architectural Engineering and Design Management, 2020, 16, 270-292.	1.2	11
45	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
46	Cloud-based product-service systems platform for household solid waste classification management. IET Collaborative Intelligent Manufacturing, 2020, 2, 66-73.	1.9	5
47	Towards Zero-Warehousing Smart Manufacturing from Zero-Inventory Just-In-Time production. Robotics and Computer-Integrated Manufacturing, 2020, 64, 101932.	6.1	51
48	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
49	Blockchain-enabled logistics finance execution platform for capital-constrained E-commerce retail. Robotics and Computer-Integrated Manufacturing, 2020, 65, 101962.	6.1	80
50	Spatial-temporal hedging coordination in prefabricated housing production. International Journal of Production Economics, 2020, 229, 107792.	5.1	13
51	Cloud-based production logistics synchronisation service infrastructure for customised production processes. IET Collaborative Intelligent Manufacturing, 2020, 2, 115-122.	1.9	6
52	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
53	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
54	Digital-twin-based implementation framework of production service system for highly dynamic production logistics operation. IET Collaborative Intelligent Manufacturing, 2020, 2, 74-80.	1.9	6

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55	Decision-making of product-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.	1.9	3
56	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
57	Graduation manufacturing system: synchronization with IoT-enabled smart tickets. Journal of Intelligent Manufacturing, 2019, 30, 2885-2900.	4.4	20
58	Revenue sharing model in New Hong Kong's warehousing business paradigm. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 883-892.	3.3	6
59	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
60	Buffer space hedging enabled production time variation coordination in prefabricated construction. Computers and Industrial Engineering, 2019, 137, 106082.	3.4	16
61	Synchronizing e-commerce city logistics with sliding time windows. Transportation Research, Part E: Logistics and Transportation Review, 2019, 123, 17-28.	3.7	31
62	Horizontal collaborative transport: survey of solutions and practical implementation issues. International Journal of Production Research, 2019, 57, 5340-5361.	4.9	129
63	A Blockchain and AutoML Approach for Open and Automated Customer Service. IEEE Transactions on Industrial Informatics, 2019, 15, 3642-3651.	7.2	59
64	Cloud-based mobile gateway operation system for industrial wearables. Robotics and Computer-Integrated Manufacturing, 2019, 58, 43-54.	6.1	33
65	Software-defined Cloud Manufacturing in the Context of Industry 4.0. , 2019, , .		4
66	Towards Assembly 4.0: Graduation Intelligent Manufacturing System for Fixed-position Assembly Islands. IFAC-PapersOnLine, 2019, 52, 1513-1518.	0.5	12
67	Multi-period hedging and coordination in a prefabricated construction supply chain. International Journal of Production Research, 2019, 57, 1949-1971.	4.9	29
68	A cooperative approach to service booking and scheduling in cloud manufacturing. European Journal of Operational Research, 2019, 273, 861-873.	3.5	61
69	CKshare: secured cloud-based knowledge-sharing blockchain for injection mold redesign. Enterprise Information Systems, 2019, 13, 1-33.	3.3	58
70	Cloud-based fleet management for prefabrication transportation. Enterprise Information Systems, 2019, 13, 87-106.	3.3	42
71	Industrial wearable system: the human-centric empowering technology in Industry 4.0. Journal of Intelligent Manufacturing, 2019, 30, 2853-2869.	4.4	117
72	Optimization based transportation service trading in B2B e-commerce logistics. Journal of Intelligent Manufacturing, 2019, 30, 2603-2619.	4.4	15

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73	Manufacturing synchronization in a hybrid flowshop with dynamic order arrivals. Journal of Intelligent Manufacturing, 2019, 30, 2659-2668.	4.4	19
74	Special issue on smart energy efficient manufacturing. International Journal of Computer Integrated Manufacturing, 2018, 31, 335-336.	2.9	1
75	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
76	Distributed and collaborative proactive tandem location tracking of vehicle products for warehouse operations. Computers and Industrial Engineering, 2018, 125, 637-648.	3.4	32
77	Buffer space hedging and coordination in prefabricated construction supply chain management. International Journal of Production Economics, 2018, 200, 192-206.	5.1	49
78	Auction-based city logistics synchronization. IISE Transactions, 2018, 50, 837-851.	1.6	11
79	Synchronisation for smart factory - towards IoT-enabled mechanisms. International Journal of Computer Integrated Manufacturing, 2018, 31, 624-635.	2.9	39
80	Digital pricing with piracy and variety seeking. International Journal of Production Economics, 2018, 206, 184-195.	5.1	10
81	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
82	Mobile gateway operation system for industrial wearables. , 2018, , .		0
83	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
84	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
85	Big Data Analytics for Physical Internet-based intelligent manufacturing shop floors. International Journal of Production Research, 2017, 55, 2610-2621.	4.9	301
86	System dynamics analysis for an Internet-of-Things-enabled production logistics system. International Journal of Production Research, 2017, 55, 2622-2649.	4.9	90
87	Cloud-based smart asset management for urban flood control. Enterprise Information Systems, 2017, 11, 719-737.	3.3	14
88	Prefabricated construction enabled by the Internet-of-Things. Automation in Construction, 2017, 76, 59-70.	4.8	290
89	Towards product customization and personalization in IoT-enabled cloud manufacturing. Cluster Computing, 2017, 20, 1717-1730.	3.5	88
90	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

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91	Optimal collaborative transportation service trading in B2B e-commerce logistics. International Journal of Production Research, 2017, 55, 5485-5501.	4.9	54
92	Physical Internet and interconnected logistics services: research and applications. International Journal of Production Research, 2017, 55, 2603-2609.	4.9	117
93	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
94	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
95	Location Management of Cloud Forklifts in Finished Product Warehouse. International Journal of Intelligent Systems, 2017, 32, 342-370.	3.3	16
96	A hybrid evolutionary algorithm with adaptive multi-population strategy for multi-objective optimization problems. Soft Computing, 2017, 21, 5975-5987.	2.1	16
97	Truthful, Budget-Balanced Bundle Double Auctions for Carrier Collaboration. Transportation Science, 2017, 51, 1365-1386.	2.6	53
98	Production lead-time hedging and coordination in prefabricated construction supply chain management. International Journal of Production Research, 2017, 55, 3984-4002.	4.9	70
99	Efficient Multi-Attribute Multi-Unit Auctions for B2B E-commerce Logistics. Production and Operations Management, 2017, 26, 292-304.	2.1	59
100	Physical internet-enabled E-commerce logistics park platform. , 2017, , .		1
101	Warehouse workload control for production logistic. , 2017, , .		5
102	IoT-enabled parking space sharing. , 2017, , .		3
103	Cell-level Production-Logistics Synchronization for multi-variety and small-batch Production: A step toward industry 4.0. , 2017, , .		3
104	Coordination of service clients in cloud manufacturing considering MfgSync. , 2017, , .		0
105	On the determination of the optimal configuration of process cluster supply chain by use of augmented Lagrangian coordination. , 2017, , .		0
106	iBeacon enabled indoor positioning for warehouse management. , 2016, , .		11
107	Scheduling at an auction logistics centre with physical internet. International Journal of Production Research, 2016, 54, 2670-2690.	4.9	31
108	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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109	Transportation service sharing and replenishment/delivery scheduling in Supply Hub in Industrial Park (SHIP). International Journal of Production Economics, 2016, 175, 109-120.	5.1	17
110	Visualization of RFID-enabled shopfloor logistics Big Data in Cloud Manufacturing. International Journal of Advanced Manufacturing Technology, 2016, 84, 5-16.	1.5	220
111	IoT-based real-time production logistics synchronization system under smart cloud manufacturing. International Journal of Advanced Manufacturing Technology, 2016, 84, 147-164.	1.5	283
112	Auction-based transportation procurement in make-to-order systems. IIE Transactions, 2015, 47, 1236-1251.	2.1	19
113	Cloud Asset-enabled Prefabrication Transportation Service for public housing production in Hong Kong. , 2015, , .		3
114	Robotics in ecommerce logistics. HKIE Transactions, 2015, 22, 68-77.	1.9	33
115	Cloud asset for urban flood control. Advanced Engineering Informatics, 2015, 29, 355-365.	4.0	42
116	Optimal configuration of cluster supply chains with augmented Lagrange coordination. Computers and Industrial Engineering, 2015, 84, 43-55.	3.4	34
117	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
118	Synchronisation of production scheduling and shipment in an assembly flowshop. International Journal of Production Research, 2015, 53, 2787-2802.	4.9	48
119	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
120	Minimizing energy consumption in a U-shaped robotic assembly line. , 2015, , .		8
121	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
122	Active scheduling for hybrid flowshop with family setup time and inconsistent family formation. Journal of Intelligent Manufacturing, 2015, 26, 169-187.	4.4	11
123	Physical assets and service sharing for IoT-enabled Supply Hub in Industrial Park (SHIP). International Journal of Production Economics, 2015, 159, 4-15.	5.1	171
124	An integrated cloud platform for cooperative smart asset management in urban flood control. , 2014, , .		1
125	Headquarter-centered Common Order Management: a simulation approach. Production Planning and Control, 2014, 25, 1156-1168.	5.8	0
126	Port strategy in the era of supply chain management: the case of Hong Kong. Maritime Policy and Management, 2014, 41, 367-383.	1.9	29



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127	Inventory hedging and coordination under inventory-level-dependent demand. , 2014, , .		0
128	Ontology-based dynamic alliance services (ODAS) in production service system. International Journal of Computer Integrated Manufacturing, 2014, 27, 148-164.	2.9	5
129	Mining SOTs and dispatching rules from RFID-enabled real-time shopfloor production data. Journal of Intelligent Manufacturing, 2014, 25, 825-843.	4.4	81
130	Optimal auctions for transportation service procurement in an infinite horizon inventory system. , 2014, , .		0
131	A big data cleansing approach for n-dimensional RFID-Cuboids. , 2014, , .		8
132	A real-time RFID-driven model for two-level production decision-making. , 2014, , .		3
133	Efficient auctions for distributed transportation procurement. Transportation Research Part B: Methodological, 2014, 65, 47-64.	2.8	54
134	A supply chain configuration model for reassessing global manufacturing in China. Journal of Manufacturing Technology Management, 2013, 24, 669-687.	3.3	20
135	Supply Hub in Industrial Park (SHIP): The value of freight consolidation. Computers and Industrial Engineering, 2013, 65, 16-27.	3.4	43
136	Transportation service procurement in periodic sealed double auctions with stochastic demand and supply. Transportation Research Part B: Methodological, 2013, 56, 136-160.	2.8	61
137	Agent-based Gateway Operating System for RFID-enabled ubiquitous manufacturing enterprise. Robotics and Computer-Integrated Manufacturing, 2013, 29, 222-231.	6.1	55
138	Cloud service-oriented dashboard for work cell management in RFID-enabled ubiquitous manufacturing. , 2013, , .		3
139	RFID-enabled real-time manufacturing execution system for mass-customization production. Robotics and Computer-Integrated Manufacturing, 2013, 29, 283-292.	6.1	400
140	RFID-enabled real-time advanced planning and scheduling shell for production decision making. International Journal of Computer Integrated Manufacturing, 2013, 26, 649-662.	2.9	91
141	Event-driven multi-agent ubiquitous manufacturing execution platform for shop floor work-in-progress management. International Journal of Production Research, 2013, 51, 1168-1185.	4.9	41
142	Truthful multi-unit transportation procurement auctions for logistics e-marketplaces. Transportation Research Part B: Methodological, 2013, 47, 127-148.	2.8	73
143	A bilevel model for transportation service sharing in Supply Hub in Industrial Park (SHIP). , 2013, , .		1
144	A Branch-and-Bound Algorithm for Minimizing the Energy Consumption in the PFS Problem. Mathematical Problems in Engineering, 2013, 2013, 1-6.	0.6	14

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145	RFID-enabled smart assembly workshop management system. , 2013, , .		1
146	Storage pricing, replenishment, and delivery schedules in a supply hub in industrial park: A bilevel programming approach. International Journal of Production Research, 2013, 51, 6950-6971.	4.9	10
147	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.	2.9	108
148	Impacts of business environment changes on global manufacturing in the Chinese Greater Pearl River Delta: a supply chain perspective. Applied Economics, 2012, 44, 4505-4514.	1.2	13
149	<scp>RFID-</scp>enabled product-service system for automotive part and accessory manufacturing alliances. International Journal of Production Research, 2012, 50, 3821-3840.	4.9	49
150	The application of workload control in assembly job shops: an assessment by simulation. International Journal of Production Research, 2012, 50, 5048-5062.	4.9	23
151	Special issue on â€œRFID-Enabled Manufacturing: Insights and Lessons from Industrial Casesâ€™. International Journal of Computer Integrated Manufacturing, 2012, 25, 1-2.	2.9	5
152	Task-driven e-manufacturing resource configurable model. Journal of Intelligent Manufacturing, 2012, 23, 1681-1694.	4.4	7
153	RFID-enabled real-time manufacturing information tracking infrastructure for extended enterprises. Journal of Intelligent Manufacturing, 2012, 23, 2357-2366.	4.4	52
154	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.	4.4	82
155	Guest editorial: digital enterprise technology. Journal of Intelligent Manufacturing, 2012, 23, 2319-2321.	4.4	0
156	New entropy weight-based TOPSIS for evaluation of multi-objective job-shop scheduling solutions. , 2012, , .		0
157	The performance of Due Date setting rules in assembly and multi-stage job shops: an assessment by simulation. International Journal of Production Research, 2012, 50, 5949-5965.	4.9	12
158	Divergent production scheduling with multi-process routes and common inventory. International Journal of Production Research, 2012, 50, 5762-5782.	4.9	5
159	Hybrid flowshop scheduling with family setup time and inconsistent family formation. International Journal of Production Research, 2012, 50, 1457-1475.	4.9	14
160	Real-time work-in-progress management for smart object-enabled ubiquitous shop-floor environment. International Journal of Computer Integrated Manufacturing, 2011, 24, 431-445.	2.9	48
161	No room for error: RFID-enabled smart point-of-care medication process in hospital wards. , 2011, , .		5
162	RFID-enabled real-time manufacturing execution system for discrete manufacturing: Software design and implementation. , 2011, , .		17

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163	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.	3.4	18
164	Agent-based Smart Gateway for RFID-enabled real-time wireless manufacturing. International Journal of Production Research, 2011, 49, 1337-1352.	4.9	88
165	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.	2.9	0
166	Implementing an industrial product-service system for CNC machine tool. International Journal of Advanced Manufacturing Technology, 2011, 52, 1133-1147.	1.5	44
167	Establishing production service system and information collaboration platform for mold and die products. International Journal of Advanced Manufacturing Technology, 2011, 52, 1149-1160.	1.5	40
168	Two-stage product platform development for mass customisation. International Journal of Production Research, 2011, 49, 2197-2219.	4.9	31
169	Headquarters-centered Common Sourcing Management: Order Coordination and Order Consolidation. , 2011, , .		2
170	Optimal service selection and composition for service-oriented manufacturing network. International Journal of Computer Integrated Manufacturing, 2011, 24, 416-430.	2.9	53
171	Scheduling a batch processing machine with non-identical job sizes: a clustering perspective. International Journal of Production Research, 2011, 49, 5755-5778.	4.9	34
172	Analytical target cascading-enabled optimal configuration platform for production service systems. International Journal of Computer Integrated Manufacturing, 2011, 24, 457-470.	2.9	27
173	On storage capacity pooling through the Supply Hub in Industrial Park (SHIP): The impact of demand uncertainty. , 2011, , .		2
174	SCENARIO ANALYSIS FOR HONG KONG PORT DEVELOPMENT UNDER CHANGING BUSINESS ENVIRONMENT. , 2011, , 69-90.		0
175	A two-level genetic algorithm for scheduling in assembly islands with fixed-position layouts. Journal of Systems Science and Systems Engineering, 2010, 19, 150-161.	0.8	10
176	Case-based polishing process planning with Fuzzy Set Theory. Journal of Intelligent Manufacturing, 2010, 21, 831-842.	4.4	10
177	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
178	Price coordination in a three-level supply chain with different channel structures using game-theoretic approach. International Journal of Management Science and Engineering Management, 2010, 5, 83-94.	2.6	5
179	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.	2.9	25
180	Optimal configuration of assembly supply chains using analytical target cascading. International Journal of Production Research, 2010, 48, 6883-6907.	4.9	37

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181	Metaheuristics to minimise makespan on parallel batch processing machines with dynamic job arrivals. International Journal of Computer Integrated Manufacturing, 2010, 23, 942-956.	2.9	35
182	Research on the Architecture of Mould Manufacturing Grid. , 2010, , .		0
183	RFID-enabled real-time manufacturing for automotive part and accessory suppliers. , 2010, , .		3
184	Notice of Retraction: Analysis on polyurethane flame retardant migration based on temperature. , 2010, , .		0
185	Study on HSI color model-based fruit quality evaluation. , 2010, , .		3
186	Agent-based workflow management for RFID-enabled real-time reconfigurable manufacturing. International Journal of Computer Integrated Manufacturing, 2010, 23, 101-112.	2.9	77
187	Supply hubs in industrial parks (SHIP): Research perspectives. , 2010, , .		2
188	Notice of Retraction: Study on fruit quality inspection based on color image processing. , 2010, , .		3
189	Study on Fruit Quality Inspection Based on Its Surface Color in Produce Logistics. , 2010, , .		7
190	A comparative analysis of quantity and price competitions in tourism supply chain networks for package holidays. Service Industries Journal, 2010, 30, 1593-1606.	5.0	31
191	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.	5.8	22
192	RFID-enabled pharmaceutical regulatory traceability system. , 2010, , .		10
193	Wireless manufacturing: a literature review, recent developments, and case studies. International Journal of Computer Integrated Manufacturing, 2009, 22, 579-594.	2.9	92
194	Extending analytical target cascading for optimal supply chain network configuration of a product family. International Journal of Computer Integrated Manufacturing, 2009, 22, 1012-1023.	2.9	22
195	Multiobjective evolutionary optimisation for adaptive product family design. International Journal of Computer Integrated Manufacturing, 2009, 22, 299-314.	2.9	17
196	A game-theory approach for job scheduling in networked manufacturing. International Journal of Advanced Manufacturing Technology, 2009, 41, 972-985.	1.5	43
197	RFID-enabled real-time wireless manufacturing for adaptive assembly planning and control. Journal of Intelligent Manufacturing, 2008, 19, 701-713.	4.4	137
198	A cooperative coevolutionary algorithm for design of platform-based mass customized products. Journal of Intelligent Manufacturing, 2008, 19, 507-519.	4.4	12

#	ARTICLE	IF	CITATIONS
199	RFID-based wireless manufacturing for real-time management of job shop WIP inventories. International Journal of Advanced Manufacturing Technology, 2008, 36, 752-764.	1.5	181
200	Simultaneous configuration of platform products and manufacturing supply chains. International Journal of Production Research, 2008, 46, 6137-6162.	4.9	70
201	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.	1.1	2
202	Genetic algorithm-based optimisation method for product family design with multi-level commonality. Journal of Engineering Design, 2008, 19, 401-416.	1.1	10
203	Case based polishing process planning with fuzzy set theory. , 2008, , .		0
204	Study on RFID-enabled real-time vehicle management system in logistics. , 2008, , .		5
205	THE USE OF TAGUCHI METHODS IN POLISHING FOR QUALITY OPTIMIZATION. International Journal of Reliability, Quality and Safety Engineering, 2007, 14, 297-309.	0.4	6
206	A Tandem Evolutionary Algorithm for Platform Product Customization. Journal of Computing and Information Science in Engineering, 2007, 7, 151-159.	1.7	17
207	Networked Manufacturing and Mass Customization in the ECommerce Era: the Chinese Perspective. International Journal of Computer Integrated Manufacturing, 2007, 20, 107-114.	2.9	14
208	A generic and extensible information infrastructure framework for mass-customizing platform products. International Journal of Computer Integrated Manufacturing, 2007, 20, 292-306.	2.9	10
209	Integrated Configuration of Platform Products and Supply Chains for Mass Customization: A Game-Theoretic Approach. IEEE Transactions on Engineering Management, 2007, 54, 156-171.	2.4	63
210	RFID-based wireless manufacturing for walking-worker assembly islands with fixed-position layouts. Robotics and Computer-Integrated Manufacturing, 2007, 23, 469-477.	6.1	199
211	Extensible multi-agent system for optimal design of complex systems using analytical target cascading. International Journal of Advanced Manufacturing Technology, 2006, 30, 917-926.	1.5	5
212	Distributed supply-chain project rescheduling: part IIâ€”distributed affected operations rescheduling algorithm. International Journal of Production Research, 2006, 44, 1-25.	4.9	18
213	Leaderâ€”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.	5.6	38
214	Towards integrated optimal configuration of platform products, manufacturing processes, and supply chains. Journal of Operations Management, 2005, 23, 267-290.	3.3	212
215	Distributed supplyâ€”chain project rescheduling: Part Iâ€”impacts of informationâ€”sharing strategies. International Journal of Production Research, 2005, 43, 5107-5129.	4.9	13
216	Distributed project scheduling with information sharing in supply chains: part IIâ€”theoretical analysis and computational study. International Journal of Production Research, 2005, 43, 4899-4927.	4.9	26

#	ARTICLE	IF	CITATIONS
217	Distributed project scheduling with information sharing in supply chains: part I – an agent-based negotiation model. <i>International Journal of Production Research</i> , 2005, 43, 4813-4838.	4.9	39
218	Impact of information sharing on inventory replenishment in divergent supply chains. <i>International Journal of Production Research</i> , 2004, 42, 919-941.	4.9	114
219	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.	2.9	4
220	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.	4.9	359
221	Early Supplier Involvement in New Product Development With WeBid: A Case Study on Video Conferencing System. <i>Journal of Computing and Information Science in Engineering</i> , 2003, 3, 363-365.	1.7	3
222	Web-integrated manufacturing. <i>International Journal of Computer Integrated Manufacturing</i> , 2001, 14, 1-2.	2.9	4
223	Web-integrated manufacturing: Recent developments and emerging issues. <i>International Journal of Computer Integrated Manufacturing</i> , 2001, 14, 3-13.	2.9	47
224	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.	2.9	36
225	Synchronised Web Applications for Product Development in the 21st Century. <i>International Journal of Advanced Manufacturing Technology</i> , 2001, 18, 605-613.	1.5	22
226	Failure Mode and Effect Analysis (FMEA) Over the WWW. <i>International Journal of Advanced Manufacturing Technology</i> , 2000, 16, 603-608.	1.5	23
227	Web-based morphological charts for concept design in collaborative product development. <i>Journal of Intelligent Manufacturing</i> , 1999, 10, 267-278.	4.4	37
228	Developing a Generic Design for X Shell. <i>Journal of Engineering Design</i> , 1997, 8, 251-260.	1.1	7
229	Optimal pricing for ferry services with a new entrant: a game-theoretic perspective. <i>Transportmetrica A: Transport Science</i> , 0, , 1-30.	1.3	1