

# Shimon Y Nof

## List of Publications by Year in descending order

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257  
papers

3,571  
citations

136740

32  
h-index

233125

45  
g-index

275  
all docs

275  
docs citations

275  
times ranked

1550  
citing authors

#	ARTICLE	IF	CITATIONS
1	Industrial Assembly. , 1997, , .		103
2	Operational control of item flow in versatile manufacturing systems. International Journal of Production Research, 1979, 17, 479-489.	4.9	97
3	On Optimizing Bin Picking and Insertion Plans for Assembly Robots. IIE Transactions, 1984, 16, 262-270.	2.1	89
4	Design of effective e-Work: review of models, tools, and emerging challenges. Production Planning and Control, 2003, 14, 681-703.	5.8	82
5	Artificial Intelligence in Manufacturing Planning and Control. A I I E Transactions, 1980, 12, 351-363.	0.3	76
6	Control and Decision Support in Automatic Manufacturing Systems. A I I E Transactions, 1980, 12, 156-169.	0.3	66
7	Dynamic storage assignment with product affinity and ABC classificationâ€”a case study. International Journal of Advanced Manufacturing Technology, 2016, 84, 2179-2194.	1.5	66
8	Collaborative service-component integration in cloud manufacturing. International Journal of Production Research, 2018, 56, 677-691.	4.9	65
9	Work methods measurementâ€”a comparison between robot and human task performance. International Journal of Production Research, 1979, 17, 277-303.	4.9	64
10	Resource sharing in cyber-physical systems: modelling framework and case studies. International Journal of Production Research, 2016, 54, 6969-6983.	4.9	62
11	Effective Utilization of Industrial Robotsâ€”A Job and Skills Analysis Approach. A I I E Transactions, 1980, 12, 216-225.	0.3	59
12	Resilience by teaming in supply network formation and re-configuration. International Journal of Production Economics, 2015, 160, 80-93.	5.1	58
13	Demand and capacity sharing decisions and protocols in a collaborative network of enterprises. Decision Support Systems, 2010, 49, 442-450.	3.5	54
14	Revolutionizing Collaboration through e-Work, e-Business, and e-Service. Automation, Collaboration, and E-services, 2015, , .	0.5	52
15	The Join/Leave/Remain (JLR) decision in collaborative networked organizations. Computers and Industrial Engineering, 2007, 53, 173-195.	3.4	50
16	Enterprise agility: a view from the PRISM lab. International Journal of Agile Management Systems, 1999, 1, 51-60.	0.6	48
17	Combined demand and capacity sharing with best matching decisions in enterprise collaboration. International Journal of Production Economics, 2014, 148, 93-109.	5.1	47
18	Resilience in supply networks: Definition, dimensions, and levels. Annual Reviews in Control, 2017, 43, 224-236.	4.4	47

#	ARTICLE	IF	CITATIONS
19	Decentralized control of cooperative and autonomous agents for solving the distributed resource allocation problem. <i>International Journal of Production Economics</i> , 2005, 98, 114-128.	5.1	46
20	Sustainability decision support system based on collaborative control theory. <i>Annual Reviews in Control</i> , 2012, 36, 85-100.	4.4	46
21	Agility of networked enterprises "parallelism, error recovery and conflict resolution. <i>Computers in Industry</i> , 2000, 42, 275-287.	5.7	44
22	Computer-supported conflict resolution for collaborative facility designers. <i>International Journal of Production Research</i> , 2003, 41, 207-233.	4.9	44
23	Collaborative capacity sharing among manufacturers on the same supply network horizontal layer for sustainable and balanced returns. <i>International Journal of Production Research</i> , 2014, 52, 1622-1643.	4.9	44
24	Formation of autonomous agent networks for manufacturing systems. <i>International Journal of Production Research</i> , 2000, 38, 607-624.	4.9	42
25	Collaborative e-work and e-manufacturing: challenges for production and logistics managers. <i>Journal of Intelligent Manufacturing</i> , 2006, 17, 689-701.	4.4	41
26	Performance evaluation of wireless sensor network protocols for industrial applications. <i>Journal of Intelligent Manufacturing</i> , 2008, 19, 335-345.	4.4	40
27	Affiliation/dissociation decision models in demand and capacity sharing collaborative network. <i>International Journal of Production Economics</i> , 2011, 130, 135-143.	5.1	40
28	Design and application of task administration protocols for collaborative production and service systems. <i>International Journal of Production Economics</i> , 2012, 135, 177-189.	5.1	40
29	Differentiated service policy in smart warehouse automation. <i>International Journal of Production Research</i> , 2018, 56, 6956-6970.	4.9	38
30	Agricultural cyber physical system collaboration for greenhouse stress management. <i>Computers and Electronics in Agriculture</i> , 2018, 150, 439-454.	3.7	38
31	Performance evaluation of a flexible manufacturing cell with random multiproduct feedback flow. <i>International Journal of Production Research</i> , 1985, 23, 1171-1184.	4.9	37
32	Dynamic coalition reformation for adaptive demand and capacity sharing. <i>International Journal of Production Economics</i> , 2014, 147, 136-146.	5.1	33
33	Parallelism of Pick-and-Place operations by multi-gripper robotic arms. <i>Robotics and Computer-Integrated Manufacturing</i> , 2016, 42, 135-146.	6.1	33
34	A collaborative sensor network middleware for automated production systems. <i>Computers and Industrial Engineering</i> , 2009, 57, 106-113.	3.4	32
35	Decision support in computer-integrated manufacturing. <i>Decision Support Systems</i> , 1985, 1, 37-55.	3.5	30
36	Error Detection and Prediction Algorithms: Application in Robotics. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2007, 48, 225-252.	2.0	29

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37	Conflict and error prevention and detection in complex networks. <i>Automatica</i> , 2012, 48, 770-778.	3.0	29
38	The dynamic lines of collaboration model: Collaborative disruption response in cyber-physical systems. <i>Computers and Industrial Engineering</i> , 2015, 87, 370-382.	3.4	29
39	A resilience by teaming framework for collaborative supply networks. <i>Computers and Industrial Engineering</i> , 2015, 90, 67-85.	3.4	29
40	Autonomy and viability-measures for agent-based manufacturing systems. <i>International Journal of Production Research</i> , 2000, 38, 4129-4148.	4.9	27
41	A framework of enroute air traffic conflict detection and resolution through complex network analysis. <i>Computers in Industry</i> , 2011, 62, 787-794.	5.7	27
42	Knowledge-based economic analysis of manufacturing systems. <i>Journal of Manufacturing Systems</i> , 1987, 6, 137-150.	7.6	26
43	e-Work: the challenge of the next generation ERP systems. <i>Production Planning and Control</i> , 2003, 14, 753-765.	5.8	26
44	Collaborative response to disruption propagation (CRDP) in cyber-physical systems and complex networks. <i>Decision Support Systems</i> , 2019, 117, 1-13.	3.5	25
45	Adaptive/predictive scheduling: review and a general framework. <i>Production Planning and Control</i> , 1991, 2, 298-312.	5.8	24
46	A collaborative control protocol for agricultural robot routing with online adaptation. <i>Computers and Industrial Engineering</i> , 2019, 135, 456-466.	3.4	24
47	Unitary Manufacturing Cell Design with Random Product Feedback Flow. <i>IIE Transactions</i> , 1985, 17, 188-193.	2.1	23
48	Cooperation Requirements Planning (CRP) for multiprocessors: Optimal assignment and execution planning. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 1996, 15, 419-435.	2.0	23
49	Analysis of effectiveness and benefits of collaboration modes with information- and knowledge-sharing. <i>Journal of Intelligent Manufacturing</i> , 2011, 22, 101-112.	4.4	23
50	A Modified Distributed Bees Algorithm for Multi-Sensor Task Allocation. <i>Sensors</i> , 2018, 18, 759.	2.1	23
51	Collaborative intelligence in knowledge based service planning. <i>Expert Systems With Applications</i> , 2013, 40, 6778-6787.	4.4	22
52	Manufacturing-as-a-Service-From e-Work and Service-Oriented Architecture to the Cloud Manufacturing Paradigm. <i>IFAC-PapersOnLine</i> , 2015, 48, 828-833.	0.5	21
53	A decision support methodology for dynamic taxiway and runway conflict prevention. <i>Decision Support Systems</i> , 2013, 55, 165-174.	3.5	20
54	A collaborative telerobotics network framework with hand gesture interface and conflict prevention. <i>International Journal of Production Research</i> , 2013, 51, 4443-4463.	4.9	20

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55	Collaborative production line control: Minimisation of throughput variability and WIP. International Journal of Production Research, 2013, 51, 7289-7307.	4.9	20
56	Manufacturing Service: From e-Work and Service-Oriented Approach towards a Product-Service Architecture. IFAC-PapersOnLine, 2015, 48, 1628-1633.	0.5	20
57	Design method of robot kitting system for flexible assemble. Robotics and Autonomous Systems, 1991, 8, 255-273.	3.0	19
58	Application of design and control tools in a multirobot cell. Computers and Industrial Engineering, 1997, 32, 89-100.	3.4	19
59	Operations Research Techniques for Robotics Systems. , 0, , 543-577.		19
60	Communication-based coordination modeling in distributed manufacturing systems. International Journal of Production Economics, 1999, 60-61, 281-287.	5.1	19
61	A workflow model based on parallelism for distributed organizations. Journal of Intelligent Manufacturing, 2002, 13, 439-461.	4.4	19
62	Computer-based collaborative training for transportation security and emergency response. Computers in Industry, 2010, 61, 380-389.	5.7	19
63	Real-time optimization and control mechanisms for collaborative demand and capacity sharing. International Journal of Production Economics, 2016, 171, 495-506.	5.1	19
64	Evaluation of agent-based manufacturing systems based on a parallel simulator. Computers and Industrial Engineering, 2002, 43, 529-552.	3.4	18
65	Systematic resolution of conflict situations in collaborative facility design. International Journal of Production Economics, 2008, 116, 139-153.	5.1	18
66	Distributed planning of collaborative production. International Journal of Advanced Manufacturing Technology, 1993, 8, 258-268.	1.5	17
67	The multiple-robot assembly plan problem. Journal of Intelligent and Robotic Systems: Theory and Applications, 1993, 7, 57-71.	2.0	17
68	Understanding and Improving Cross-Cultural Decision Making in Design and Use of Digital Media: A Research Agenda. International Journal of Human-Computer Interaction, 2011, 27, 151-190.	3.3	17
69	Telerobot-enabled HUB-CI model for collaborative lifecycle management of design and prototyping. Computers in Industry, 2014, 65, 550-562.	5.7	17
70	On the structure and logic of typical material flow systems. International Journal of Production Research, 1982, 20, 575-590.	4.9	16
71	An expert system for planning/replanning programmable facilities. International Journal of Production Research, 1984, 22, 895-903.	4.9	16
72	On the limits of expert systems and engineering models in process control. Behaviour and Information Technology, 1987, 6, 15-36.	2.5	16

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73	Automatic Generation of Assembly Constraints and Cooperation Task Planning. CIRP Annals - Manufacturing Technology, 1993, 42, 13-16.	1.7	15
74	A formalism to structure and parallelize the integration of cooperative engineering design tasks. IIE Transactions, 1998, 30, 1-15.	2.1	15
75	Asynchronous cooperation requirement planning with reconfigurable end-effectors. Robotics and Computer-Integrated Manufacturing, 2015, 34, 95-104.	6.1	15
76	Intelligent contingent multi-sourcing model for resilient supply networks. Expert Systems With Applications, 2016, 51, 107-119.	4.4	15
77	Multi-sensor task allocation framework for supply networks security using task administration protocols. International Journal of Production Research, 2017, 55, 5202-5224.	4.9	15
78	Motion Planning and Control of Robots. , 0, , 295-315.		15
79	A framework for programmable and flexible construction systems. Robotics and Autonomous Systems, 1989, 5, 135-150.	3.0	14
80	DECISION INTEGRATION FUNDAMENTALS IN DISTRIBUTED MANUFACTURING TOPOLOGIES. IIE Transactions, 1992, 24, 27-42.	2.1	14
81	Integration of machine-vision inspection information for best-matching of distributed components and suppliers. Computers in Industry, 2008, 59, 69-81.	5.7	14
82	Adaptive direct/indirect delivery decision protocol by collaborative negotiation among manufacturers, distributors, and retailers. International Journal of Production Economics, 2015, 167, 232-245.	5.1	14
83	Collaborative Control Protocol for Agricultural Cyber-physical System. Procedia Manufacturing, 2019, 39, 235-242.	1.9	14
84	Collaborative Coordination Control (CCC) of Distributed Multimachine Manufacturing. CIRP Annals - Manufacturing Technology, 1992, 41, 441-445.	1.7	13
85	Sensor economy principles and selection procedures. IIE Transactions, 2000, 32, 195-203.	2.1	13
86	Cooperative production switchover coordination for the real-time order acceptance decision. International Journal of Production Research, 2011, 49, 1813-1826.	4.9	13
87	Perspectives on Manufacturing Automation Under the Digital and Cyber Convergence. Polytechnica, 2018, 1, 36-47.	2.1	13
88	Collaborative e-Work, e-Business, and e-Service. , 2009, , 1549-1576.		13
89	Analysis of Multi-Robot Systems. IIE Transactions, 1986, 18, 226-234.	2.1	11
90	Facility description language for integrating distributed designs. International Journal of Production Research, 2000, 38, 2471-2488.	4.9	11

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91	Fault-tolerant sensor integration for micro flow-sensor arrays and networks. Computers and Industrial Engineering, 2008, 54, 634-647.	3.4	11
92	Intelligent information sharing among manufacturers in supply networks: supplier selection case. Journal of Intelligent Manufacturing, 2018, 29, 1097-1113.	4.4	11
93	Collaboration Requirement Planning Protocol for HUB-CI in Factories of the Future. Procedia Manufacturing, 2019, 39, 218-225.	1.9	11
94	Stereo Vision for Industrial Applications. , 0, , 269-294.		11
95	Design of Protocols for Task Administration in Collaborative Production Systems. International Journal of Computers, Communications and Control, 2014, 5, 91.	1.2	11
96	Design of collaboration framework for distributed CIM data activities. IIE Transactions, 2001, 33, 535-546.	2.1	10
97	Analysis of cooperation effects in Two-Center production models. International Journal of Production Economics, 2003, 84, 101-112.	5.1	10
98	Conflict resolution in supply chain security. International Journal of Value Chain Management, 2009, 3, 168.	0.1	10
99	Design of timeout-based wireless microsensor network protocols: energy and latency considerations. International Journal of Sensor Networks, 2009, 5, 142.	0.2	10
100	Best-matching with interdependent preferencesâ€™ implications for capacitated cluster formation and evolution. Decision Support Systems, 2015, 79, 125-137.	3.5	10
101	A statistical analysis of interference and effective deployment strategies for facility-specific wireless sensor networks. Computers in Industry, 2010, 61, 472-479.	5.7	9
102	Dynamic Lines of Collaboration in CPS Disruption Response. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 7855-7860.	0.4	9
103	Adaptive Fuzzy Collaborative Task Assignment for Heterogeneous Multirobot Systems. International Journal of Intelligent Systems, 2015, 30, 731-762.	3.3	9
104	Real-time administration of tool sharing and best matching to enhance assembly lines balanceability and flexibility. Mechatronics, 2015, 31, 147-157.	2.0	9
105	A best-matching protocol for order fulfillment in re-configurable supply networks. Computers in Industry, 2016, 82, 160-169.	5.7	9
106	Collaborative e-work parallelism in supply decisions networks: the chemical dimension. Journal of Intelligent Manufacturing, 2017, 28, 1337-1355.	4.4	9
107	A methodology for computer-aided facility planning. International Journal of Production Research, 1980, 18, 699-722.	4.9	8
108	Robot Ergonomics: Optimizing Robot Work. , 0, , 603-644.		8

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109	HUB-CI Model for Collaborative Telerobotics in Manufacturing. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 63-68.	0.4	8
110	Collaborative Intelligence - Definition and Measured Impacts on Internetworked e-Work. Management and Production Engineering Review, 2015, 6, 67-78.	1.4	8
111	Design and administration of collaborative networked headquarters. International Journal of Production Research, 2016, 54, 7074-7090.	4.9	8
112	The constrained-collaboration algorithm for intelligent resource distribution in supply networks. Computers and Industrial Engineering, 2017, 113, 803-818.	3.4	8
113	Best Matching Theory & Applications. Automation, Collaboration, and E-services, 2017, , .	0.5	8
114	Smart action. , 2020, , 225-277.		8
115	Human-in-the-loop: Role in Cyber Physical Agricultural Systems. International Journal of Computers, Communications and Control, 2021, 16, .	1.2	8
116	Off-Line Programming. , 0, , 353-371.		8
117	Precision and Calibration. , 0, , 795-810.		8
118	Dynamic process selection procedures and their effect on machine configuration. International Journal of Machine Tool Design & Research, 1980, 20, 137-146.	0.2	7
119	Performance time models for robot point operations. International Journal of Production Research, 1983, 21, 659-673.	4.9	7
120	Analytic procedures for optimizing engineering task integration topologies. Decision Support Systems, 1996, 17, 159-182.	3.5	7
121	Automatic Multi-sensor Task Allocation Using Modified Distributed Bees Algorithm. , 2013, , .		7
122	Laser and Photonic Systems Integration: Emerging Innovations and Framework for Research and Education. Human Factors and Ergonomics in Manufacturing, 2013, 23, 483-516.	1.4	7
123	Co-Insights framework for collaborative decision support and tacit knowledge transfer. Expert Systems With Applications, 2016, 45, 85-96.	4.4	7
124	Emerging Directions of Precision Agriculture and Agricultural Robotics. Progress in Precision Agriculture, 2021, , 177-210.	1.1	7
125	Observations on the normality of batch production times in flexible manufacturing cells. International Journal of Production Research, 1987, 25, 151-154.	4.9	6
126	Active coordination of a CIM multi-database system. International Journal of Computer Integrated Manufacturing, 1995, 8, 116-125.	2.9	6



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127	Graphic-based analysis of robot motion economy principles. Robotics and Computer-Integrated Manufacturing, 1996, 12, 185-193.	6.1	6
128	Constraint-based conflict and error management. Engineering Optimization, 2012, 44, 821-841.	1.5	6
129	A protocol for processing interfered data in facility sensor networks. International Journal of Advanced Manufacturing Technology, 2013, 67, 2377-2385.	1.5	6
130	User Requirement Analysis for an Online Collaboration Tool for Senior Industrial Engineering Design Course. Human Factors and Ergonomics in Manufacturing, 2014, 24, 557-573.	1.4	6
131	Strategic lines of collaboration in response to disruption propagation (CRDP) through cyber-physical systems. International Journal of Production Economics, 2020, 230, 107865.	5.1	6
132	Automating Errors and Conflicts Prognostics and Prevention. , 2009, , 503-525.		6
133	Integration and Collaboration Models. , 1994, , 1-6.		6
134	Multi-agent system optimisation in factories of the future: cyber collaborative warehouse study. International Journal of Production Research, 2022, 60, 6072-6086.	4.9	6
135	Resilience Informatics for Cyber-augmented Manufacturing Networks (CMN): Centrality, Flow and Disruption. Studies in Informatics and Control, 2018, 27, .	0.6	6
136	Research Needs and Challenges in Application of Computer and Information Sciences for Industrial Engineering. IIE Transactions, 1989, 21, 50-65.	2.1	5
137	Modelling the performance of a mobile robot with RTM. International Journal of Production Research, 1991, 29, 967-978.	4.9	5
138	Analytic and empirical assessment models of on-line inspection technologies. Computers and Industrial Engineering, 1993, 25, 439-443.	3.4	5
139	Tool integration for collaborative design of manufacturing cells. International Journal of Production Economics, 1995, 38, 23-30.	5.1	5
140	Next generation of production research:. International Journal of Production Economics, 1999, 60-61, 29-34.	5.1	5
141	Investigation of PVM for the emulation and simulation of a distributed CIM workflow system. International Journal of Computer Integrated Manufacturing, 2000, 13, 401-409.	2.9	5
142	Collaboration protocols for sustainable wind energy distribution networks. International Journal of Production Economics, 2016, 182, 496-507.	5.1	5
143	Industrial Robotics Standards. , 0, , 447-459.		5
144	Food and Agriculture Robotics. , 0, , 1143-1155.		5

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145	Theory and Practice in Decision Support for Manufacturing Control. , 1983, , 325-348.		5
146	Reliability, Maintenance, and Safety of Robots. , 0, , 717-753.		5
147	Analysis of robot work characteristics. Industrial Robot, 1982, 9, 166-171.	1.2	4
148	Impact of integrating knowledge-based technologies in manufacturing: an evaluation. Computer Integrated Manufacturing Systems, 1991, 4, 254-263.	0.1	4
149	Manipulator Design. , 0, , 41-78.		4
150	Kinematics and Dynamics of Robot Manipulators. , 0, , 79-98.		4
151	Medical Robotics and Computer-Integrated Surgery. , 0, , 1213-1227.		4
152	Timeout-Based Information Forwarding Protocol for Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2007, 3, 331-346.	1.3	4
153	Research Advances in Manufacturing with Service-Oriented e-Work and Production. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 251-256.	0.4	4
154	Balanceable assembly lines with dynamic tool sharing and "best matching decisions" a collaborative assembly framework. IIE Transactions, 2015, 47, 1363-1378.	2.1	4
155	e-Learning and e-Training. , 2015, , 357-390.		4
156	Advancing Cyber-Physical Systems Resilience: The Effects of Evolving Disruptions. Procedia Manufacturing, 2019, 39, 334-340.	1.9	4
157	Dynamic Lines of Collaboration. Automation, Collaboration, and E-services, 2020, , .	0.5	4
158	Historical Perspective and Role in Automation. , 0, , 1-10.		4
159	Teleoperation, Telerobotics, and Telepresence. , 0, , 167-185.		4
160	Development of integrated models for material flow Design and control " a tool perspective. Robotics and Computer-Integrated Manufacturing, 1998, 14, 441-454.	6.1	3
161	BEST-MATCHING PROTOCOL FOR COOPERATION REQUIREMENT PLANNING IN DISTRIBUTED ASSEMBLY NETWORKS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 65-68.	0.4	3
162	Design of Collaborative e-Service Systems. , 0, , 227-252.		3

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163	Security of Supply Chains by Automatic Multi-Agents Collaboration. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 475-480.	0.4	3
164	Cooperation Requirement Planning for Multiprocessors. , 1994, , 179-200.		3
165	Intelligent Control of Robot Mobility. , 0, , 317-324.		3
166	Learning, Reasoning, and Problem Solving in Robotics. , 0, , 373-392.		3
167	Computation, AI, and Multiagent Techniques for Planning Robotic Operations. , 0, , 579-602.		3
168	An interactive robotic device with progress monitoring. Robotica, 1992, 10, 11-18.	1.3	2
169	Design of a knowledge-based performance progress monitor. Computers and Industrial Engineering, 1992, 22, 101-114.	3.4	2
170	Microrobotics. , 0, , 187-198.		2
171	Collaborative e-Work and e-MFG.: Challenges for Production and Logistics Managers. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2004, 37, 1-13.	0.4	2
172	Security Awareness and Alertness Training in State Departments of Transportation. Transportation Research Record, 2006, 1942, 39-51.	1.0	2
173	Intelligent Alert Systems for Error and Conflict Detection in Supply Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 1602-1607.	0.4	2
174	Dynamic Tool Sharing with Best Matching Protocols for Efficient Assembly Line Balancing. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 426-431.	0.4	2
175	Optimization and Control. , 2015, , 115-165.		2
176	Collaborative Response to Disruption Propagation with Established Lines of Collaboration (CRDP/ESLOC) in Cyber-Physical Systems: Informatics for Decision Support. Procedia Manufacturing, 2019, 39, 429-438.	1.9	2
177	Assembly: Mechanical Products. , 0, , 975-995.		2
178	Coordination and Integration Models for Distributed and Heterogeneous CIM Information. , 1997, , 587-601.		2
179	Design with Collaborative Control Theory. , 2015, , 33-75.		2
180	CAD and Graphic Simulators/Emulators of Robotic Systems. , 0, , 755-772.		2

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181	Justification of Robotics Systems. , 0, , 675-694.		2
182	Assembly: Electronics. , 0, , 997-1012.		2
183	Plant stress propagation detection and monitoring with disruption propagation network modelling and Bayesian network inference. International Journal of Production Research, 2022, 60, 723-741.	4.9	2
184	Robot Hands and End-Effectors. , 0, , 99-143.		2
185	A formalism to structure and parallelize the integration of cooperative engineering design tasks. IIE Transactions, 1997, 30, 1-15.	2.1	1
186	Product Design and Production Planning. , 0, , 527-541.		1
187	Robotics Terminology. , 0, , 1259-1317.		1
188	Robots and Machine Intelligence. , 0, , 19-30.		1
189	Models of $\mu$ -work. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 553-560.	0.4	1
190	THE JLR DECISION MODEL FOR CNOs: PAYOFF CRITERIA EXTENSION. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 643-648.	0.4	1
191	Collaboration Platform for Sustainable Wind Energy Distribution Network. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 4266-4271.	0.4	1
192	Management Policies of Computer-Integrated Manufacturing/Robotics. , 0, , 473-494.		1
193	Electronics, Instruments, and Semiconductor Industry. , 0, , 1081-1116.		1
194	Dynamic and Distributed Matching. Automation, Collaboration, and E-services, 2017, , 125-165.	0.5	1
195	e-Logistics, e-Production, and e-Supply Networks. , 2015, , 237-271.		1
196	Security Awareness and Alertness Training in State Departments of Transportation. , 0, .		1
197	New Directions in Decision Support for Manufacturing. , 1988, , 113-139.		1
198	Assembly system design and planning. , 1997, , 200-258.		1

#	ARTICLE	IF	CITATIONS
199	Definitions, Scope, and Significance. Automation, Collaboration, and E-services, 2015, , 1-32.	0.5	1
200	On-Line Programming. , 0, , 335-351.		1
201	Robotics, FMS, and CIM. , 0, , 811-823.		1
202	Quality Assurance, Inspection, and Testing. , 0, , 1013-1021.		1
203	A Strategy for Implementation of Robotics Projects. , 0, , 825-828.		1
204	Robotics in Space. , 0, , 1117-1131.		1
205	Mobile Robots and Walking Machines. , 0, , 145-165.		1
206	Emerging Trends and Industry Needs. , 0, , 31-40.		0
207	Sensor economy principles and selection procedures. IIE Transactions, 2000, 32, 195-203.	2.1	0
208	Design of collaboration framework for distributed CIM data activities. IIE Transactions, 2001, 33, 535-546.	2.1	0
209	PROGNOSTICS AND DIAGNOSTICS OF CONFLICTS AND ERRORS IN A SUPPLY NETWORK. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 141-145.	0.4	0
210	Collaborative production line control for collaborative supply networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 487-492.	0.4	0
211	Emerging Trends and Research Challenges. , 2015, , 391-420.		0
212	Factory Sensors and RFID Networks. , 2015, , 273-313.		0
213	Rationalization. , 2015, , 77-114.		0
214	The PRISM Taxonomy of Best Matching. Automation, Collaboration, and E-services, 2017, , 19-42.	0.5	0
215	Introduction and fundamental concepts of assembly. , 1997, , 1-44.		0
216	Time-managed material flow control. , 1997, , 350-405.		0

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