

Researchers' perspectives on Industry 4.0: multi-disciplinary operations management

International Journal of Production Research

59, 2055-2078

DOI: [10.1080/00207543.2020.1798035](https://doi.org/10.1080/00207543.2020.1798035)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The impact of social capital and collaborative knowledge creation on e-business proactiveness and organizational agility in responding to the COVID-19 crisis. <i>Journal of Innovation & Knowledge</i> , 2020, 5, 279-288.	7.3	132
2	Applications of industry 4.0 to overcome the COVID-19 operational challenges. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 1283-1289.	1.8	106
3	Environmental friendly route design for a milk collection problem: the case of an Indian dairy. <i>International Journal of Production Research</i> , 2020, , 1-30.	4.9	7
4	Exploring supply chain structural dynamics: New disruptive technologies and disruption risks. <i>International Journal of Production Economics</i> , 2020, 229, 107886.	5.1	74
5	A linear model for optimal cybersecurity investment in Industry 4.0 supply chains. <i>International Journal of Production Research</i> , 2022, 60, 1368-1385.	4.9	30
6	Covid-19's impact on supply chain decisions: Strategic insights from NASDAQ 100 firms using Twitter data. <i>Journal of Business Research</i> , 2020, 117, 443-449.	5.8	310
7	Investigating the emerging COVID-19 research trends in the field of business and management: A bibliometric analysis approach. <i>Journal of Business Research</i> , 2020, 118, 253-261.	5.8	554
8	Competitive pricing of substitute products under supply disruption. <i>Omega</i> , 2021, 101, 102279.	3.6	128
9	Industry 4.0 triggered by Lean Thinking: insights from a systematic literature review. <i>International Journal of Production Research</i> , 2021, 59, 1496-1510.	4.9	77
11	Industry 4.0: Individual Perceptions About Its Nine Technologies. <i>Lecture Notes in Information Systems and Organisation</i> , 2021, , 1-11.	0.4	2
12	Barriers to the adoption of blockchain technology in business supply chains: a total interpretive structural modelling (TISM) approach. <i>International Journal of Production Research</i> , 2021, 59, 3338-3359.	4.9	112
13	Ripple effect and supply chain disruption management: new trends and research directions. <i>International Journal of Production Research</i> , 2021, 59, 102-109.	4.9	163
14	Service Shop Performance Insights from ERP Data. <i>IFIP Advances in Information and Communication Technology</i> , 2021, , 162-171.	0.5	0
15	Industrial digital ecosystems: Predictive models and architecture development issues. <i>Annual Reviews in Control</i> , 2021, 51, 56-64.	4.4	16
16	Smarter Relationships? The Present and Future Scope of AI Application in Buyer-Supplier Relationships. <i>Lecture Notes in Computer Science</i> , 2021, , 237-251.	1.0	2
17	Managing Supply Chain Resilience. <i>Classroom Companion: Business</i> , 2021, , 29-61.	4.6	2
18	Deploying cobots in collaborative systems: major considerations and productivity analysis. <i>International Journal of Production Research</i> , 2022, 60, 1815-1831.	4.9	37
19	Digital Supply Chain Management and Technology to Enhance Resilience by Building and Using End-to-End Visibility During the COVID-19 Pandemic. <i>IEEE Transactions on Engineering Management</i> , 2024, , 1-11.	2.4	66

#	ARTICLE	IF	CITATIONS
20	Revisiting the warehouse research through an evolutionary lens: a review from 1990 to 2019. <i>International Journal of Production Research</i> , 2021, 59, 3470-3492.	4.9	42
21	Modeling Supply Chain Resilience. <i>Classroom Companion: Business</i> , 2021, , 63-92.	4.6	1
22	Supply Chains and the COVID-19 Pandemic: A Comprehensive Framework. <i>European Management Review</i> , 2021, 18, 363-382.	2.2	92
23	Analysing perceived role of blockchain technology in SCM context for the manufacturing industry. <i>International Journal of Production Research</i> , 2021, 59, 3398-3429.	4.9	33
24	Potentials and challenges of augmented reality smart glasses in logistics and supply chain management: a systematic literature review. <i>International Journal of Production Research</i> , 2021, 59, 3747-3776.	4.9	46
25	Sustainable Waste Management for a City Multifloor Manufacturing Cluster: A Framework for Designing a Smart Supply Chain. <i>Sustainability</i> , 2021, 13, 1540.	1.6	21
26	Supply chain resilience and its interplay with digital technologies: making innovations work in emergency situations. <i>International Journal of Physical Distribution and Logistics Management</i> , 2021, 51, 97-103.	4.4	40
27	Lean resilience: AURA (Active Usage of Resilience Assets) framework for post-COVID-19 supply chain management. <i>International Journal of Logistics Management</i> , 2022, 33, 1196-1217.	4.1	132
28	Environment Practices Mediating the Environmental Compliance and firm Performance: An Institutional Theory Perspective from Emerging Economies. <i>Global Journal of Flexible Systems Management</i> , 2021, 22, 157-178.	3.4	21
29	Smart lighting systems: state-of-the-art and potential applications in warehouse order picking. <i>International Journal of Production Research</i> , 2021, 59, 3817-3839.	4.9	31
30	A robust-heuristic optimization approach to a green supply chain design with consideration of assorted vehicle types and carbon policies under uncertainty. <i>Annals of Operations Research</i> , 2023, 324, 395-435.	2.6	42
31	Supply chain viability: conceptualization, measurement, and nomological validation. <i>Annals of Operations Research</i> , 2021, , 1-30.	2.6	86
32	Supply Chain Viability and the COVID-19 pandemic: a conceptual and formal generalisation of four major adaptation strategies. <i>International Journal of Production Research</i> , 2021, 59, 3535-3552.	4.9	214
33	OR in the industrial engineering of Industry 4.0: experiences from the Iberian Peninsula mirrored in CJOR. <i>Central European Journal of Operations Research</i> , 2021, 29, 1163-1184.	1.1	4
34	Supply chain resilience reactive strategies for food SMEs in coping to COVID-19 crisis. <i>Trends in Food Science and Technology</i> , 2021, 109, 94-102.	7.8	104
35	Implementation barriers of smart technology in Indian sustainable warehouse by using a Delphi-ISM-ANP approach. <i>International Journal of Productivity and Performance Management</i> , 2022, 71, 696-721.	2.2	29
36	Using process mining to improve productivity in make-to-stock manufacturing. <i>International Journal of Production Research</i> , 2021, 59, 4869-4880.	4.9	27
37	What does operational excellence mean in the Fourth Industrial Revolution era?. <i>International Journal of Production Research</i> , 2022, 60, 2901-2917.	4.9	30

#	ARTICLE	IF	CITATIONS
38	The Performance of Resilient Supply Chain Sustainability in Covid-19 by Sourcing Technological Integration. <i>Sustainability</i> , 2021, 13, 6151.	1.6	13
39	The evolution of production scheduling from Industry 3.0 through Industry 4.0. <i>International Journal of Production Research</i> , 2022, 60, 3534-3554.	4.9	46
40	Technologies and applications of Industry 4.0: insights from network analytics. <i>International Journal of Production Research</i> , 2022, 60, 3682-3704.	4.9	11
41	Artificial Intelligence in Enterprise Resource Planning Systems: A Bibliometric Study. <i>Journal of International Logistics and Trade</i> , 2021, 19, 69-82.	0.6	9
42	Are artificial intelligence and machine learning suitable to tackle the COVID-19 impacts? An agriculture supply chain perspective. <i>International Journal of Logistics Management</i> , 2023, 34, 304-335.	4.1	39
43	Towards a Conceptual Development of Industry 4.0, Servitisation, and Circular Economy: A Systematic Literature Review. <i>Sustainability</i> , 2021, 13, 6501.	1.6	38
44	What is Quality 4.0? An exploratory sequential mixed methods study of Italian manufacturing companies. <i>International Journal of Production Research</i> , 2022, 60, 4890-4910.	4.9	31
45	An architecture to facilitate the integration of human workers in Industry 4.0 environments. <i>International Journal of Production Research</i> , 2022, 60, 4778-4796.	4.9	25
46	The Nexus between Big Data and Sustainability: An Analysis of Current Trends and Developments. <i>Sustainability</i> , 2021, 13, 6632.	1.6	9
47	Supplying masks to combat respiratory diseases: safety index, welfare and government involvement. <i>International Journal of Production Research</i> , 2023, 61, 2636-2652.	4.9	11
48	A lab-scale manufacturing system environment to investigate data-driven production control approaches. <i>Journal of Manufacturing Systems</i> , 2021, 60, 283-297.	7.6	2
49	Internet of things (IoT) and big data analytics (BDA) for digital manufacturing (DM). <i>International Journal of Production Research</i> , 2023, 61, 4004-4021.	4.9	37
50	A novel throughput control algorithm for semi-heterarchical industry 4.0 architecture. <i>Annals of Operations Research</i> , 2022, 310, 201-221.	2.6	2
51	Using deep learning to value free-form text data for predictive maintenance. <i>International Journal of Production Research</i> , 2022, 60, 4548-4575.	4.9	27
52	Blockchain-enabled digital twin collaboration platform for heterogeneous socialized manufacturing resource management. <i>International Journal of Production Research</i> , 2023, 61, 3963-3983.	4.9	14
53	Research on supply network resilience considering the ripple effect with collaboration. <i>International Journal of Production Research</i> , 2022, 60, 5553-5570.	4.9	12
54	A multi-layer Bayesian network method for supply chain disruption modelling in the wake of the COVID-19 pandemic. <i>International Journal of Production Research</i> , 2022, 60, 5258-5276.	4.9	53
55	Supply chain control towers: Technology push or market pull? An assessment tool. <i>IET Collaborative Intelligent Manufacturing</i> , 2021, 3, 290-302.	1.9	5

#	ARTICLE	IF	CITATIONS
56	The use of multi-criteria decision-making methods in business analytics: A comprehensive literature review. <i>Technological Forecasting and Social Change</i> , 2022, 174, 121193.	6.2	76
57	Industry 4.0 Implementation Challenges and Opportunities: A Technological Perspective. <i>IEEE Systems Journal</i> , 2022, 16, 2797-2810.	2.9	31
58	Nature inspired supply chain solutions: definitions, analogies, and future research directions. <i>International Journal of Production Research</i> , 2020, 58, 4689-4715.	4.9	27
59	An investigation of information alignment and collaboration as complements to supply chain agility in humanitarian supply chain. <i>International Journal of Production Research</i> , 2021, 59, 1586-1605.	4.9	105
60	Development of a conceptual model for lean supply chain planning in industry 4.0: multidimensional analysis for operations management. <i>Production Planning and Control</i> , 2023, 34, 1209-1224.	5.8	41
61	Artificial Intelligence Applications for Industry 4.0: A Literature-Based Study. <i>Journal of Industrial Integration and Management</i> , 2022, 07, 83-111.	3.1	106
63	A rough cut cybersecurity investment using portfolio of security controls with maximum cybersecurity value. <i>International Journal of Production Research</i> , 2022, 60, 6556-6572.	4.9	15
64	Toward the Theory of Using Information for Actions in Systems: Prospects for Research and Reviews. , 2021, , .		1
66	Smart Master Production Schedule for the Supply Chain: A Conceptual Framework. <i>Computers</i> , 2021, 10, 156.	2.1	9
67	Examples from Different Industries, Services, and Continents. <i>Springer Texts in Business and Economics</i> , 2021, , 21-48.	0.2	0
69	Factory Planning and Process Design. <i>Springer Texts in Business and Economics</i> , 2021, , 267-313.	0.2	0
70	Disruptive Technologies and Operations Management in the Industry 4.0 Era and Beyond. <i>Production and Operations Management</i> , 2022, 31, 9-31.	2.1	183
71	A dynamic "predict, then optimize" preventive maintenance approach using operational intervention data. <i>European Journal of Operational Research</i> , 2022, 302, 1079-1096.	3.5	12
72	Smart Sustainable Production and Distribution Network Model for City Multi-Floor Manufacturing Clusters. <i>Energies</i> , 2022, 15, 488.	1.6	8
73	Modeling for heterogeneous objects based on X language: A modeling method of algorithm-hardware. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2022, 13, .	0.9	1
74	Integrated optimization of process control and its effect on structural integrity " A systematic review. <i>Engineering Failure Analysis</i> , 2022, 140, 106101.	1.8	0
75	A multi-objective mathematical model and evolutionary algorithm for the dual-resource flexible job-shop scheduling problem with sequencing flexibility. <i>Flexible Services and Manufacturing Journal</i> , 2023, 35, 626-668.	1.9	9
76	OR and analytics for digital, resilient, and sustainable manufacturing 4.0. <i>Annals of Operations Research</i> , 2022, 310, 1-6.	2.6	31

#	ARTICLE	IF	CITATIONS
77	Spatio-temporal synchronisation for human-cyber-physical assembly workstation 4.0 systems. <i>International Journal of Production Research</i> , 2022, 60, 704-722.	4.9	8
78	Hidden Gold for IT Professionals, Educators, and Students: Insights From Stack Overflow Survey. <i>IEEE Transactions on Computational Social Systems</i> , 2023, 10, 795-806.	3.2	0
79	Lanthanides for the new generation of optical sensing and Internet of Things. <i>Fundamental Theories of Physics</i> , 2022, , 31-128.	0.1	9
80	Environmental and economic sustainability assessment of an industry 4.0 application: the AGV implementation in a food industry. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 120, 2937-2959.	1.5	12
81	An Exploratory Case Study on the Metrics and Performance of IoT Investment in Japanese Manufacturing Firms. <i>Sustainability</i> , 2022, 14, 2708.	1.6	5
82	The impact of industry 4.0 on the 2017 version of the Uppsala model. <i>International Business Review</i> , 2022, 31, 101996.	2.6	6
83	An influence modelling and analysis method of reducing carbon emissions for mould forming processes in patternless sand casting. <i>International Journal of Production Research</i> , 2023, 61, 1624-1641.	4.9	4
84	Artificial intelligence and real-time predictive maintenance in industry 4.0: a bibliometric analysis. <i>AI and Ethics</i> , 2022, 2, 553-577.	4.6	19
85	Implementing Industry 4.0 in Australia: Insights from Advanced Australian Manufacturers. <i>Journal of Open Innovation: Technology, Market, and Complexity</i> , 2022, 8, 53.	2.6	5
86	Framework development and evaluation of Industry 4.0 technological aspects towards improving the circular economy-based supply chain. <i>Industrial Robot</i> , 2022, 49, 555-581.	1.2	8
87	Cloud supply chain: Integrating Industry 4.0 and digital platforms in the "Supply Chain-as-a-Service" Transportation Research, Part E: Logistics and Transportation Review, 2022, 160, 102676.	3.7	109
88	A regeneration process chain with an integrated decision support system for individual regeneration processes based on a virtual twin. <i>International Journal of Production Research</i> , 2022, 60, 4137-4158.	4.9	3
89	The implications of additive manufacturing technology adoption for supply chain resilience: A systematic search and review. <i>International Journal of Production Economics</i> , 2022, 247, 108387.	5.1	33
90	Factors affecting Industry 4.0 adoption " A hybrid SEM-ANN approach. <i>Computers and Industrial Engineering</i> , 2022, 168, 108062.	3.4	23
91	CONTROLLING IN ERA OF INDUSTRY 4.0: OPPORTUNITIES FOR BUSINESSES IN THE FIELD OF THE INTRODUCTION OF NEW TECHNOLOGIES. <i>Problems of Management in the 21st Century</i> , 2021, 16, 122-134.	0.3	1
92	Pricing strategies for logistics robot sharing platforms. <i>International Journal of Production Research</i> , 2023, 61, 410-426.	4.9	5
93	Machinery-oriented Capacity Control for Complex Industrial Manufacturing Processes. , 2021, , .		2
96	Assembly Workstation 4.0: Concept, Framework and Research Perspectives for Assembly Systems Implementation in the Industry 4.0 Era. <i>IFAC-PapersOnLine</i> , 2022, 55, 420-426.	0.5	1

#	ARTICLE	IF	CITATIONS
97	A Multi-Criteria Decision-Making Model Based on Fuzzy Logic and AHP for the Selection of Digital Technologies. IFAC-PapersOnLine, 2022, 55, 319-324.	0.5	8
98	Review on Smart Factory Operations: A Bibliometric Analysis. Applied Mechanics and Materials, 0, 906, 87-104.	0.2	0
99	Distributing decision-making authority in manufacturing – review and roadmap for the factory of the future. International Journal of Production Research, 2022, 60, 4342-4360.	4.9	1
100	Analysis of the COVID-19 pandemic’s impacts on manufacturing: a systematic literature review and future research agenda. Operations Management Research, 2022, 15, 551-566.	5.0	45
101	Legal Model Construction Approach of Big Data Transaction Management in the Digital Information Perspective. Scientific Programming, 2022, 2022, 1-11.	0.5	1
102	Enabling flexible manufacturing system (FMS) through the applications of industry 4.0 technologies. Internet of Things and Cyber-physical Systems, 2022, 2, 49-62.	4.6	41
103	Information Systems and Operations/Supply Chain Management: A Systematic Literature Review. Journal of Computer Information Systems, 2023, 63, 334-350.	2.0	2
104	The Role of Resilience and Human Rights in the Green and Digital Transformation of Supply Chain. , 2021, , .		3
105	How the technologies underlying cyber-physical systems support the reconfigurability capability in manufacturing: a literature review. International Journal of Production Research, 2023, 61, 3122-3144.	4.9	7
106	Assessing smart circular supply chain readiness and maturity level of small and medium-sized enterprises. Journal of Business Research, 2022, 149, 375-392.	5.8	22
107	Machine learning in the discipline of architecture: A review on the research trends between 2014 and 2020. International Journal of Architectural Computing, 2023, 21, 23-41.	0.9	5
108	Genetic algorithm optimization to model business investment in fashion design. International Journal of Management Science and Engineering Management, 2023, 18, 208-216.	2.6	0
109	The performance impact of Industry 4.0 technologies on closed-loop supply chains: insights from an Italy based survey. International Journal of Production Research, 2023, 61, 3004-3029.	4.9	10
111	Blockchain-supported business model design, supply chain resilience, and firm performance. Transportation Research, Part E: Logistics and Transportation Review, 2022, 163, 102773.	3.7	74
112	BelBuk System – Smart Logistics for Sustainable City Development in Terms of the Deficit of a Chemical Fertilizers. Energies, 2022, 15, 4591.	1.6	5
113	Characteristics and Trends in Unethical Pro-organizational Behavior Research in Business and Management: A Bibliometric Analysis. Frontiers in Psychology, 0, 13, .	1.1	3
114	Do industry 4.0 technologies improve Cantabrian manufacturing smes performance? The role played by industry competition. Technology in Society, 2022, 70, 102019.	4.8	11
115	Industry 4.0 and supply chain. A Systematic Science Mapping analysis. Technological Forecasting and Social Change, 2022, 181, 121788.	6.2	12

#	ARTICLE	IF	CITATIONS
116	Rhythms: Real-Time Data-Driven Human-Machine Synchronization for Proactive Ergonomic Risks Mitigation in the Context of Industry 4.0 and Beyond. SSRN Electronic Journal, 0, , .	0.4	0
117	Applications of the internet of things for optimizing warehousing and logistics operations: A systematic literature review and future research directions. Computers and Industrial Engineering, 2022, 171, 108455.	3.4	27
118	A Delphi study on the supply risk-mitigating effect of additive manufacturing during SARS-COV-2. Journal of Purchasing and Supply Management, 2022, , 100791.	3.1	4
119	Cross-Docking: Current Research Versus Industry Practice and Industry 4.0 Adoption. Advanced Series in Management, 2022, 28, 69-104.	0.8	4
120	Managing clientâ€“consultant relationships to derive benefits from ERP projects. Information Technology and People, 2023, 36, 1669-1702.	1.9	4
121	Key performance indicator based dynamic decision-making framework for sustainable Industry 4.0 implementation risks evaluation: reference to the Indian manufacturing industries. Annals of Operations Research, 2022, 318, 189-249.	2.6	9
122	Adoption of Artificial Intelligence and Cutting-Edge Technologies for Production System Sustainability: A Moderator-Mediation Analysis. Information Systems Frontiers, 2023, 25, 1779-1794.	4.1	7
123	How industrial maintenance managers perceive socio-technical changes in leadership in the Industry 4.0 context. International Journal of Production Research, 2023, 61, 5282-5301.	4.9	10
124	Digital twin implementation for performance improvement in process industries- A case study of food processing company. International Journal of Production Research, 2023, 61, 8343-8365.	4.9	9
125	Reinforcement learning applied to production planning and control. International Journal of Production Research, 2023, 61, 5772-5789.	4.9	16
126	Telematics Collaborative Resource Allocation Algorithm Based on Cloud Sidecar. Security and Communication Networks, 2022, 2022, 1-14.	1.0	0
127	Production processes modelling within digital product manufacturing in the context of Industry 4.0. International Journal of Production Research, 2023, 61, 6271-6290.	4.9	8
128	Integrating Industry 4.0 in Higher Education Using Challenge-Based Learning: An Intervention in Operations Management. Education Sciences, 2022, 12, 663.	1.4	4
129	How will artificial intelligence and Industry 4.0 emerging technologies transform operations management?. Production and Operations Management, 2022, 31, 4475-4487.	2.1	41
130	Facing Environmental Goals for Energy-Efficiency Improvements in Micro and Small Enterprises Operating in the Age of Industry 4.0. Energies, 2022, 15, 6577.	1.6	4
131	The Industry 5.0 framework: viability-based integration of the resilience, sustainability, and human-centricity perspectives. International Journal of Production Research, 2023, 61, 1683-1695.	4.9	129
132	Adoption of Industry 4.0 technologies by organizations: a maturity levels perspective. Annals of Operations Research, 0, , .	2.6	14
133	The Application of Supply Chain Digital Twin to Measure Optimal Inventory Policy. IFAC-PapersOnLine, 2022, 55, 2324-2329.	0.5	4

#	ARTICLE	IF	CITATIONS
134	Making Decisions in Highly Uncertain and Opportunistic Environments: Towards a Decision Support System for Sales and Operations Planning. IFAC-PapersOnLine, 2022, 55, 79-84.	0.5	0
135	Building Viable Digital Business Ecosystems with Collaborative Supply Chain Platform SupplyOn. Springer Series in Supply Chain Management, 2022, , 187-210.	0.5	4
136	Engineering Data Treasures, Their Collection and Use. IFAC-PapersOnLine, 2022, 55, 2623-2628.	0.5	2
137	A Framework Based on Blockchain, Artificial Intelligence, and Big Data Analytics to Leverage Supply Chain Resilience considering the COVID-19. IFAC-PapersOnLine, 2022, 55, 2396-2401.	0.5	3
138	Real-time postural training effects on single and multi-person ergonomic risk scores. IFAC-PapersOnLine, 2022, 55, 163-168.	0.5	3
139	Management 4.0: Concept, applications and advancements. Sustainable Operations and Computers, 2023, 4, 10-21.	6.3	12
140	Smart and flexible manufacturing systems using Autonomous Guided Vehicles (AGVs) and the Internet of Things (IoT). International Journal of Production Research, 0, , 1-22.	4.9	15
141	The impacts of digital technologies on coping with the COVID-19 pandemic in the manufacturing industry: a systematic literature review. International Journal of Production Research, 2024, 62, 1953-1976.	4.9	23
142	A review on reinforcement learning algorithms and applications in supply chain management. International Journal of Production Research, 2023, 61, 7151-7179.	4.9	37
143	Deploying Industry 4.0 Enablers to Strengthen Supply Chain Resilience to Mitigate Ripple Effects: An Empirical Study of Top Relay Manufacturer in China. IEEE Access, 2022, 10, 114829-114855.	2.6	3
144	Use of real time localization systems (RTLS) in the automotive production and the prospects of 5G â€“ A literature review. Production and Manufacturing Research, 2022, 10, 840-874.	0.9	2
145	Meaningful and Formal Problem Statement of the Technologies Synthesis and Programs of Grass Feed Production Proactive Management. Smart Innovation, Systems and Technologies, 2023, , 325-337.	0.5	0
146	AI-readiness and production resilience: empirical evidence from German manufacturing in times of the Covid-19 pandemic. International Journal of Production Research, 0, , 1-22.	4.9	7
147	Meta-inventory. Robotics and Computer-Integrated Manufacturing, 2023, 81, 102503.	6.1	3
148	TURÄ°ZM ALANINDA ENDÄ°STRÄ° 4.0 VE UYGULAMALARINI KONU ALAN MAKALELERÄ°N BÄ°BLÄ°YOMETRÄ°K ANALÄ°ZÄ°. Pamukkale University Journal of Social Sciences Institute, 0, , .	0.0	0
149	Refinery 4.0, a Review of the Main Challenges of the Industry 4.0 Paradigm in Oil & Gas Downstream. Sensors, 2022, 22, 9164.	2.1	4
150	Learning curve applications in Industry 4.0: a scoping review. Production Planning and Control, 0, , 1-13.	5.8	3
151	Artificial intelligence opportunities and challenges for enterprise management: a review and research hotspot. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
152	The evolution of operators's™ role in production: how Lean Manufacturing and Industry 4.0 affect Job Enlargement and Job Enrichment. International Journal of Production Research, 2023, 61, 8493-8511.	4.9	3
153	Improving automated pallet handling procedures at a Saudi milk factory through overall equipment effectiveness. Benchmarking, 2022, ahead-of-print, .	2.9	1
154	Artificial Intelligence and the UK Construction Industry " Empirical Study. EMJ - Engineering Management Journal, 0, , 1-14.	1.4	2
155	Towards sustainable production for transition to additive manufacturing: a case study in the manufacturing industry. International Journal of Production Research, 2023, 61, 4450-4471.	4.9	5
156	Design and Validation of a Testing 4D Mechatronic System for Measurement and Integrated Control of Processes. Machines, 2022, 10, 1209.	1.2	0
157	Quo vadis Automation?. Automatisierungstechnik, 2023, 71, 6-15.	0.4	2
158	Artificial intelligence in service industries: customers's™ assessment of service production and resilient service operations. International Journal of Production Research, 0, , 1-17.	4.9	12
159	Environmental Supply Chain Risk Management for Industry 4.0: A Data Mining Framework and Research Agenda. Systems, 2023, 11, 46.	1.2	6
160	IoT-Enabled Healthcare Data Analysis in Virtual Hospital Systems Using Industry 4.0 Smart Manufacturing. International Journal of Pattern Recognition and Artificial Intelligence, 2023, 37, .	0.7	7
161	Impact of Internet of Things on Food Supply Chains. Ecoproduction, 2023, , 3-12.	0.8	0
162	Recent advances in inkjet-printing technologies for flexible/wearable electronics. Nanoscale, 2023, 15, 6025-6051.	2.8	20
163	Livestream e-commerce in a platform supply chain: A product-fit uncertainty reduction perspective. International Journal of Production Economics, 2023, 258, 108796.	5.1	11
164	Machine-learning-enabled intelligence computing for crisis management in small and medium-sized enterprises (SMEs). Technological Forecasting and Social Change, 2023, 191, 122492.	6.2	3
165	Unappreciated channel of manufacturing productivity under industry 4.0: Leadership values and capabilities. Journal of Business Research, 2023, 162, 113900.	5.8	4
166	Optimizing the competitive sustainable process and pricing decision of digital supply chain: A power-balance perspective. Computers and Industrial Engineering, 2023, 177, 109054.	3.4	1
167	MECHATRONIC SYSTEM USED IN THE LABORATORY FOR COMPLEX ANALYSIS APPLIED AND USED IN INDUSTRY. INMATEH - Agricultural Engineering, 2022, , 448-456.	0.1	0
168	A two-stage stochastic programming model and parallel Master's™Slave adaptive GA for flexible <i>Seru</i> system formation. International Journal of Production Research, 2024, 62, 1144-1161.	4.9	2
169	Industry 4.0 technologies as's™lever's™for sustainability in's™the's™communication of large companies to stakeholders. European Journal of Innovation Management, 2023, ahead-of-print, .	2.4	3

#	ARTICLE	IF	CITATIONS
170	Challenges in introducing automated guided vehicles in a production facility – interactions between human, technology, and organisation. International Journal of Production Research, 2023, 61, 7809-7829.	4.9	6
171	MECInOT: a multi-access edge computing and industrial internet of things emulator for the modelling and study of cybersecurity threats. Journal of Supercomputing, 2023, 79, 11895-11933.	2.4	2
172	A novel machine learning model for predicting late supplier deliveries of low-volume-high-variety products with application in a German machinery industry. , 2023, 1, 100003.		1
173	DIGITAL TRANSFORMATION IN OPERATIONS MANAGEMENT: A BIBLIOMETRIC-BASED SYSTEMATIC REVIEW. International Journal of Management Economics and Business, 0, , .	0.4	0
174	AI and emerging technology adoption: a research agenda for operations management. International Journal of Production Research, 0, , 1-11.	4.9	6
175	Knowledge mapping of resilience and human rights in supply chains: A roadmapping taxonomy for twin green and digital transition design. Frontiers in Environmental Science, 0, 11, .	1.5	1
176	New verification and validation tools for Industry 4.0 software. , 2023, , 61-88.		0
177	Leveraging Digital Technologies in Logistics 4.0: Insights on Affordances from Intralogistics Processes. Information Systems Frontiers, 2024, 26, 755-774.	4.1	0
183	Conceptual Modeling of Information Quality for System Actions. , 2023, , .		0
191	Evaluation of Road Blocks of Industry 4.0 Adoption in SMEs. Lecture Notes in Mechanical Engineering, 2023, , 3-15.	0.3	0
192	Issues in Procurement and Distribution of Plantation Crops: Can AI-ML Technologies Offer Better Performance Outcomes?. Asset Analytics, 2023, , 185-191.	0.4	0
194	Enablers and Barriers to Industry 4.0 Implementation. Lecture Notes in Management and Industrial Engineering, 2023, , 303-315.	0.3	0
197	Modellierung der Lieferkettenresilienz. , 2023, , 69-105.		0
198	Management der Resilienz in Lieferketten. , 2023, , 33-67.		0
199	Integration of Intelligent Manufacturing in Smart Factories as part of Industry 4.0 - A Review. , 2022, , .		0
201	Sustainability and Digital Transformation. Advances in Logistics, Operations, and Management Science Book Series, 2023, , 273-291.	0.3	3
203	Models for the Cost-Benefit Analysis of Digitalization and Industry 4.0: A Systematic Literature Review. Lecture Notes in Mechanical Engineering, 2023, , 675-682.	0.3	1
217	Fall Detection System for Elderly People using IoT and Machine Learning technology. , 2023, , .		1

#	ARTICLE	IF	CITATIONS
229	A Review of Artificial Intelligence Application on Enhancing Resilience of Closed-loop Supply Chain. , 2023, , .		0
236	The Shift Towards Operations Management 4.0. Advances in E-Business Research Series, 2023, , 160-221.	0.2	0
243	5G Supply Chain: An overview of applications and challenges. , 2024, , .		0