

Industrie 4.0: Hit or Hype? [Industry Forum]

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Wireless requirements and challenges in Industry 4.0. , 2014, , .		137
2	Efficient Shape Reconstruction of Microlens Using Optical Microscopy. IEEE Transactions on Industrial Electronics, 2015, 62, 7655-7664.	5.2	11
3	An insight into cloud-enabled Complex Industrial Applications. , 2015, , .		0
4	Security of Industrial Wireless Sensor Networks: A review. , 2015, , .		2
5	Surveying integration approaches for relevance in Cyber Physical Production Systems. , 2015, , .		14
6	Cyber-Physical Systems Testbed Based on Cloud Computing and Software Defined Network. , 2015, , .		12
7	Communication architecture of EtherCAT master for high-speed and IT-enabled real-time systems. , 2015, , .		6
8	Characterizing integration approaches: Identifying integration approach candidates for use in industrie 4.0. , 2015, , .		6
9	Towards an integrated use of simulation within the life-cycle of a process plant. , 2015, , .		17
10	Visual Computing as a Key Enabling Technology for Industrie 4.0 and Industrial Internet. IEEE Computer Graphics and Applications, 2015, 35, 26-40.	1.0	464
11	Identification and Implementation of Agents for Factory Automation Exploiting Mechatronical Concepts for Production System Structuring. , 2015, , 171-190.		3
12	Condition monitoring of electrical machines and its relation to industrial internet. , 2015, , .		6
13	Enabling IIoT IP backbones with real-time guarantees. , 2015, , .		8
14	Adapting SDN datacenters to support Cloud IIoT applications. , 2015, , .		11
15	A Perspective on Knowledge Based and Intelligent Systems Implementation in Industrie 4.0. Procedia Computer Science, 2015, 60, 362-370.	1.2	73
16	Cloud Robotics and Autonomous Vehicles. , 0, , .		4
17	Data Analytics and Big Data: Opportunity or Threat for the Accounting Profession?. SSRN Electronic Journal, 2016, , .	0.4	4
18	Towards a Methodology for Industrie 4.0 Transformation. Lecture Notes in Business Information Processing, 2016, , 209-221.	0.8	20

#	ARTICLE	IF	CITATIONS
19	Logboat " A simulation framework enabling CAN security assessments. , 2016, , .		1
20	An IoT inspired semiconductor Reliability test system integrated with data-mining applications. , 2016, , .		6
21	Wireless handover performance in industrial environments: A case study. , 2016, , .		4
22	Guest Editorial Special Section on Communication in Automation. IEEE Transactions on Industrial Informatics, 2016, 12, 1817-1821.	7.2	14
23	Customer-oriented Production System for Supplier Companies in CTO. Procedia CIRP, 2016, 57, 533-538.	1.0	4
24	Imagineering Audit 4.0. Journal of Emerging Technologies in Accounting, 2016, 13, 1-15.	0.8	123
25	Integration of IEC 61499 with OPC UA. , 2016, , .		10
26	A new approach of PHM as a service in cloud computing. , 2016, , .		17
27	Intelligent gateway for Industry 4.0-compliant production. , 2016, , .		13
28	Unified architecture of execution level hardware and software for discrete machinery manufacturing control systems. , 2016, , .		7
29	Enabling Live Data Controlled Manual Assembly Processes by Worker Information System and Nearfield Localization System. Procedia CIRP, 2016, 55, 242-247.	1.0	11
30	Designing Intelligent Factory: Conceptual Framework and Empirical Validation. Procedia Computer Science, 2016, 96, 1801-1808.	1.2	10
31	Context-sensitive Adaptive Production Processes. Procedia CIRP, 2016, 41, 147-152.	1.0	15
32	In-process sensing in selective laser melting (SLM) additive manufacturing. Integrating Materials and Manufacturing Innovation, 2016, 5, 16-40.	1.2	327
33	Implementing Smart Factory of Industrie 4.0: An Outlook. International Journal of Distributed Sensor Networks, 2016, 12, 3159805.	1.3	879
34	Model of integration of embedded systems via CoAP protocol of Internet of Things. , 2016, , .		9
35	Multipath QoS-driven routing protocol for industrial wireless networks. Journal of Network and Computer Applications, 2016, 74, 121-132.	5.8	26
36	Model-based interoperability solutions for the supervision of smart gas distribution networks. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
37	Measurement-based wireless network planning, monitoring, and reconfiguration solution for robust radio communications in indoor factories. IET Science, Measurement and Technology, 2016, 10, 375-382.	0.9	12
38	Enabling PROFINET devices to work in IoT: Characterization and requirements. , 2016, , .		35
39	IoT-Based Prognostics and Systems Health Management for Industrial Applications. IEEE Access, 2016, 4, 3659-3670.	2.6	177
40	A service-oriented domain specific language programming approach for batch processes. , 2016, , .		15
41	Toxic gas boundary area detection in large-scale petrochemical plants with industrial wireless sensor networks. , 2016, 54, 22-28.		49
42	Security in industrial IoT "quo vadis?. Elektrotechnik Und Informationstechnik, 2016, 133, 324-329.	0.7	15
43	Sliding mode control of the planar switched reluctance motor for interference suppression. , 2016, , .		6
44	Virtual commissioning in a virtual environment. , 2016, , .		4
45	A Review of Technology Standards and Patent Portfolios for Enabling Cyber-Physical Systems in Advanced Manufacturing. IEEE Access, 2016, 4, 7356-7382.	2.6	136
46	A Survey of Emerging M2M Systems: Context, Task, and Objective. IEEE Internet of Things Journal, 2016, 3, 1246-1258.	5.5	53
47	Towards a Semantic Administrative Shell for Industry 4.0 Components. , 2016, , .		96
48	Integrated Planning in Autonomous Shipping"Application of Maintenance Management and KPIs. Lecture Notes in Mechanical Engineering, 2016, , 497-504.	0.3	5
49	Agent-Based Data Analysis Towards the Dynamic Adaptation of Industrial Automation Processes. IFIP Advances in Information and Communication Technology, 2016, , 99-106.	0.5	0
51	Human-and Task-Centered Assistance Systems in Production Processes of the Textile Industry: Determination of Operator-Critical Weaving Machine Components for AR-Prototype Development. , 2016, , .		5
52	Cloud-Integrated Cyber-Physical Systems for Complex Industrial Applications. Mobile Networks and Applications, 2016, 21, 865-878.	2.2	112
53	Design Principles for Industrie 4.0 Scenarios. , 2016, , .		1,567
54	Virtual engineering process (VEP): a knowledge representation approach for building bio-inspired distributed manufacturing DNA. International Journal of Production Research, 2016, 54, 7129-7142.	4.9	22
55	Modeling and Optimization of Hybrid Systems for the Tweeting Factory. IEEE Transactions on Automation Science and Engineering, 2016, 13, 191-205.	3.4	9

#	ARTICLE	IF	CITATIONS
56	A review of industrial wireless networks in the context of Industry 4.0. <i>Wireless Networks</i> , 2017, 23, 23-41.	2.0	391
57	Virtualisation process of a sheet metal punching machine within the Industry 4.0 vision. <i>International Journal on Interactive Design and Manufacturing</i> , 2017, 11, 365-373.	1.3	85
58	When Mobile Crowd Sensing Meets Traditional Industry. <i>IEEE Access</i> , 2017, 5, 15300-15307.	2.6	49
59	Applications of artificial intelligence in intelligent manufacturing: a review. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2017, 18, 86-96.	1.5	452
60	A Highly Flexible, Distributed Data Analysis Framework for Industry 4.0 Manufacturing Systems. <i>Studies in Computational Intelligence</i> , 2017, , 373-381.	0.7	11
61	Industry 4.0: A survey on technologies, applications and open research issues. <i>Journal of Industrial Information Integration</i> , 2017, 6, 1-10.	4.3	1,658
62	Literature review on the "Smart Factory"™ concept using bibliometric tools. <i>International Journal of Production Research</i> , 2017, 55, 6572-6591.	4.9	305
63	Physical Layer Design of High-Performance Wireless Transmission for Critical Control Applications. <i>IEEE Transactions on Industrial Informatics</i> , 2017, 13, 2844-2854.	7.2	50
64	Fog of Everything: Energy-Efficient Networked Computing Architectures, Research Challenges, and a Case Study. <i>IEEE Access</i> , 2017, 5, 9882-9910.	2.6	263
65	Using Sensitivity Analysis and Cross-Association for the Design of Intrusion Detection Systems in Industrial Cyber-Physical Systems. <i>IEEE Access</i> , 2017, 5, 9336-9347.	2.6	26
66	Guest Editorial Special Section on Communications in Automation" Innovation Drivers and New Trends. <i>IEEE Transactions on Industrial Informatics</i> , 2017, 13, 841-845.	7.2	5
67	Development of Advanced Manufacturing Cloud of Things (AMCoT)" A Smart Manufacturing Platform. <i>IEEE Robotics and Automation Letters</i> , 2017, 2, 1809-1816.	3.3	73
68	A Big Data Analytics Architecture for Industry 4.0. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 175-184.	0.5	39
69	Industrial Internet: A Survey on the Enabling Technologies, Applications, and Challenges. <i>IEEE Communications Surveys and Tutorials</i> , 2017, 19, 1504-1526.	24.8	334
70	Past, present and future of Industry 4.0 - a systematic literature review and research agenda proposal. <i>International Journal of Production Research</i> , 2017, 55, 3609-3629.	4.9	1,297
71	The Future of Industrial Communication: Automation Networks in the Era of the Internet of Things and Industry 4.0. <i>IEEE Industrial Electronics Magazine</i> , 2017, 11, 17-27.	2.3	1,183
72	Assembly system configuration through Industry 4.0 principles: the expected change in the actual paradigms. <i>IFAC-PapersOnLine</i> , 2017, 50, 14958-14963.	0.5	65
73	Accelerating the Adoption of Industry 4.0 Supporting Technologies in Manufacturing Engineering Courses. <i>Materials Science Forum</i> , 0, 903, 100-111.	0.3	8

#	ARTICLE	IF	CITATIONS
74	An empirical study for smart production for TFT-LCD to empower Industry 3.5. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2017, 40, 552-561.	0.6	59
75	A configurable partial-order planning approach for field level operation strategies of PLC-based industry 4.0 automated manufacturing systems. Engineering Applications of Artificial Intelligence, 2017, 66, 128-144.	4.3	25
76	Impact of Technology on Work: Technical Functionalities that Give Rise to New Job Designs in Industry 4.0. IFIP Advances in Information and Communication Technology, 2017, , 274-281.	0.5	10
77	Modeling and control of flexible context-dependent manufacturing systems. Information Sciences, 2017, 421, 1-14.	4.0	17
78	Bridging the Gap: Rewritable Electronics Using Real-Time Light-Induced Dielectrophoresis on Lithium Niobate. Scientific Reports, 2017, 7, 9660.	1.6	6
79	The Effect of Industry 4.0 Concepts and E-learning on Manufacturing Firm Performance: Evidence from Transitional Economy. IFIP Advances in Information and Communication Technology, 2017, , 298-305.	0.5	22
80	Big data challenges and opportunities in the hype of Industry 4.0. , 2017, , .		102
81	Fourth Industrial Revolution: technological drivers, impacts and coping methods. Chinese Geographical Science, 2017, 27, 626-637.	1.2	237
82	A Big Data system supporting Bosch Braga Industry 4.0 strategy. International Journal of Information Management, 2017, 37, 750-760.	10.5	150
83	Engineering tool to develop CPPS based on IEC-61499 and OPC UA for oil&gas process. , 2017, , .		6
84	Intelligent predictive maintenance for fault diagnosis and prognosis in machine centers: Industry 4.0 scenario. Advances in Manufacturing, 2017, 5, 377-387.	3.2	181
85	Industry 4.0: a way from mass customization to mass personalization production. Advances in Manufacturing, 2017, 5, 311-320.	3.2	339
86	Network and information security challenges within Industry 4.0 paradigm. Procedia Manufacturing, 2017, 13, 1253-1260.	1.9	126
87	Implementation of SIMON and SPECK lightweight block ciphers on programmable logic controllers. , 2017, , .		12
88	Major requirements for building Smart Homes in Smart Cities based on Internet of Things technologies. Future Generation Computer Systems, 2017, 76, 358-369.	4.9	251
89	Ultra High Performance Wireless Control for Critical Applications: Challenges and Directions. IEEE Transactions on Industrial Informatics, 2017, 13, 1448-1459.	7.2	137
90	The Maintenance Management in the Macro-Ergonomics Context. Advances in Intelligent Systems and Computing, 2017, , 35-46.	0.5	33
91	Performance Modeling Extension of Directory Facilitator for Enhancing Communication in FIPA-Compliant Multiagent Systems. IEEE Transactions on Industrial Informatics, 2017, 13, 688-695.	7.2	15

#	ARTICLE	IF	CITATIONS
92	ViDX: Visual Diagnostics of Assembly Line Performance in Smart Factories. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 291-300.	2.9	88
93	Survey of domain specific languages to build packet parsers for industrial protocols. , 2017, , .		5
94	Development of a robotic arm suitable for demonstration of advanced control methods. , 2017, , .		2
95	Industrial robotics in factory automation: From the early stage to the Internet of Things. , 2017, , .		64
96	Channel characteristics analysis in smart warehouse scenario. , 2017, , .		7
97	Cross-layer anomaly detection in industrial cyber-physical systems. , 2017, , .		3
98	The role of the Industry 4.0 asset administration shell and the digital twin during the life cycle of a plant. , 2017, , .		124
99	LoRa indoor coverage and performance in an industrial environment: Case study. , 2017, , .		83
100	Path generation of industrial robot for tracking surface of workpiece using CAD-based off-line programming. , 2017, , .		0
101	Cell-level Production-Logistics Synchronization for multi-variety and small-batch Production: A step toward industry 4.0. , 2017, , .		3
102	Combining augmented reality and simulation-based optimization for decision support in manufacturing. , 2017, , .		10
103	Using Data Mining Methods to Detect Simulated Intrusions on a Modbus Network. , 2017, , .		11
104	How to teach your robot in 5 minutes: Applying UX paradigms to human-robot-interaction. , 2017, , .		10
105	SLAs for Industrial IoT: Mind the Gap. , 2017, , .		4
106	LTE evolution "e" Latency reduction and reliability enhancements for wireless industrial automation. , 2017, , .		14
107	Channel selectivity schemes for re-transmission diversity in industrial wireless system. , 2017, , .		1
108	Research and implementation of the algorithm for data de-identification for Internet of Things. , 2017, , .		1
109	Status and future of manufacturing execution systems. , 2017, , .		20

#	ARTICLE	IF	CITATIONS
110	Design, verification and implementation of a lightweight remote attestation protocol for process control systems. , 2017, , .		0
111	Towards Industrie 4.0 compliant configuration of condition monitoring services. , 2017, , .		24
112	Towards flexible and secure end-to-end communication in industry 4.0. , 2017, , .		9
113	Towards trustworthy end-to-end communication in industry 4.0. , 2017, , .		13
114	Tracking the Evolution of the Internet of Things Concept Across Different Application Domains. Sensors, 2017, 17, 1379.	2.1	108
116	Design and hardware realization of wheel-shaped object labeling and quality inspection system. , 2017, , .		0
117	Identification of human and environmental impedances by using bilateral control system with low-pass filtered M-sequence signal. , 2017, , .		0
118	Privacy Protection for Data-Driven Smart Manufacturing Systems. International Journal of Web Services Research, 2017, 14, 17-32.	0.5	28
119	A Review on Industrial Augmented Reality Systems for the Industry 4.0 Shipyard. IEEE Access, 2018, 6, 13358-13375.	2.6	295
120	Ubiquity and Industry 4.0. Progress in IS, 2018, , 343-358.	0.5	7
121	The link between Industry 4.0 and lean manufacturing: mapping current research and establishing a research agenda. International Journal of Production Research, 2018, 56, 2924-2940.	4.9	536
122	How does Industry 4.0 contribute to operations management?. Journal of Industrial and Production Engineering, 2018, 35, 255-268.	2.1	151
123	Fast dual-synthesizer for six-port in-situ linearization in the 2.4 GHz ISM-band. , 2018, , .		3
124	Perceived Impacts of Industry 4.0 on Manufacturing Industry and Its Workforce: Case of Germany. Lecture Notes in Mechanical Engineering, 2018, , 199-208.	0.3	8
125	Part data integration in the Shop Floor Digital Twin: Mobile and cloud technologies to enable a manufacturing execution system. Journal of Manufacturing Systems, 2018, 48, 25-33.	7.6	181
126	When titans meet " Can industry 4.0 revolutionise the environmentally-sustainable manufacturing wave? The role of critical success factors. Technological Forecasting and Social Change, 2018, 132, 18-25.	6.2	621
127	Recursive Total Principle Component Regression Based Fault Detection and Its Application to Vehicular Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 1415-1423.	7.2	157
128	Adaptive Transmission Optimization in SDN-Based Industrial Internet of Things With Edge Computing. IEEE Internet of Things Journal, 2018, 5, 1351-1360.	5.5	200

#	ARTICLE	IF	CITATIONS
129	Lessons from social network analysis to Industry 4.0. <i>Manufacturing Letters</i> , 2018, 15, 97-100.	1.1	6
130	Online monitoring of a micro-EDM machine: Machining diagnosis on the cloud based on discharge currents and voltages. <i>Manufacturing Letters</i> , 2018, 15, 115-118.	1.1	5
131	Manufacturing in the fourth industrial revolution: A positive prospect in Sustainable Manufacturing. <i>Procedia Manufacturing</i> , 2018, 21, 671-678.	1.9	204
132	Hierarchical modeling of a manufacturing work cell to promote contextualized PHM information across multiple levels. <i>Manufacturing Letters</i> , 2018, 15, 46-49.	1.1	6
133	Computational Experiment Research on the Equalization-Oriented Service Strategy in Collaborative Manufacturing. <i>IEEE Transactions on Services Computing</i> , 2018, 11, 369-383.	3.2	25
134	Visually enhanced situation awareness for complex manufacturing facility monitoring in smart factories. <i>Journal of Visual Languages and Computing</i> , 2018, 44, 58-69.	1.8	30
135	The 4th Industrial Revolution Impact. , 2018, , 3-28.		15
136	Synthesis and electrochemical analysis of electrode prepared from zeolitic imidazolate framework (ZIF)-67/graphene composite for lithium sulfur cells. <i>Electrochimica Acta</i> , 2018, 259, 1021-1029.	2.6	44
137	Design of smart connected manufacturing resources to enable changeability, reconfigurability and total-cost-of-ownership models in the factory-of-the-future. <i>International Journal of Production Research</i> , 2018, 56, 2269-2291.	4.9	39
138	Intelligent TDMA heuristic scheduling by taking into account physical layer interference for an industrial IoT environment. <i>Telecommunication Systems</i> , 2018, 67, 605-617.	1.6	3
139	Cyber-Physical Systems Integration in a Production Line Simulator. , 2018, , .		8
140	Online Monitoring & Controlling Industrial Arm Robot Using MQTT Protocol. , 2018, , .		21
141	Applying Non-destructive Testing and Machine Learning to Ceramic Tile Quality Control. , 2018, , .		5
142	Modelling cyber-physical systems: some issues and directions. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 444, 042007.	0.3	3
143	The pneumatic and electropneumatic systems in the context of 4 th industrial revolution. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 400, 022024.	0.3	7
144	Security Perspective in RAMI 4.0. , 2018, , .		3
145	An Innovative Design Support System for Industry 4.0 Based on Machine Learning Approaches. , 2018, , .		10
146	A Visual Computing Approach for Automatic Workpiece Referencing in Machining Centers. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
147	Unified Robotic System: Exploring Limitation and Opportunities. , 2018, , .		0
148	Project IAAP: An Overview on Optimizing Business Process in Smart Enterprises. , 2018, , .		2
149	Renewing a University to Support Smart Manufacturing Within a Region. , 0, , .		7
150	Evaluation of Embedded System Component Utilized in Delivery Integrated Design Project Course. IOP Conference Series: Materials Science and Engineering, 2018, 341, 012029.	0.3	2
151	The benefits and challenges of robotics in the mineral raw materials sector - an overview. , 2018, , .		2
152	Robotics Software Engineering and Certification: Issues and Challenges. , 2018, , .		7
153	Measurement Assisted Assembly for High Accuracy Aerospace Manufacturing. IFAC-PapersOnLine, 2018, 51, 393-398.	0.5	27
154	A Digital Twin based Service Oriented Application for a 4.0 Knowledge Navigation in the Smart Factory. IFAC-PapersOnLine, 2018, 51, 631-636.	0.5	45
155	The Data-Driven Process Improvement Cycle: Using Digitalization for Continuous Improvement. IFAC-PapersOnLine, 2018, 51, 1035-1040.	0.5	49
156	Enabling Data Analytics in Large Scale Manufacturing. Procedia Manufacturing, 2018, 24, 120-127.	1.9	15
157	Model-Based Systems Engineering for Machine Tools and Production Systems (Model-Based) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342	1.9	19
158	Supporting the lean journey with simulation and optimization in the context of Industry 4.0. Procedia Manufacturing, 2018, 25, 586-593.	1.9	46
159	Cognitive Factories: Modeling Situated Entropy in Physical Work Carried Out by Humans and Robots. Entropy, 2018, 20, 659.	1.1	5
160	Six-Port Based Multitone and Low-Power Radar System for Waveguide Measurements in Smart Factories. , 2018, , .		5
161	Hardware Design and Realization of Wheel-Shaped Object Labeling and Quality Inspection System. , 2018, , .		0
162	WGW4IIoT: Wireless Gateway for Industrial IoT. , 2018, , .		2
163	Real Time Monitoring of 3 Axis Accelerometer using an FPGA Zynq®-7000 and Embedded Linux through Ethernet. , 2018, , .		1
164	Impactos da indústria 4.0 na organização do trabalho: uma revisão sistemática da literatura. Revista Produção Online, 2018, 18, 743-769.	0.1	23

#	ARTICLE	IF	CITATIONS
165	A Survey on Industrial Internet of Things: A Cyber-Physical Systems Perspective. IEEE Access, 2018, 6, 78238-78259.	2.6	384
166	Bird Counting and Climate Monitoring using LoRaWAN in Swiftlet Farming for IR4.0 Applications. , 2018, , .		2
167	Wireless High-Performance Communications: Improving Effectiveness and Creating Ultrahigh Reliability with Channel Coding. IEEE Industrial Electronics Magazine, 2018, 12, 32-37.	2.3	17
168	Malaysian higher education system towards industry 4.0 " Current trends overview. AIP Conference Proceedings, 2018, , .	0.3	29
169	Industrial Internet of Things: covering standardization gaps for the next generation of reconfigurable production systems. , 2018, , .		6
170	Performance Analysis of Latency-Aware Data Management in Industrial IoT Networks. Sensors, 2018, 18, 2611.	2.1	27
171	Industry 4.0 and Sustainability Implications: A Scenario-Based Analysis of the Impacts and Challenges. Sustainability, 2018, 10, 3740.	1.6	351
172	MQTT Service Broker for Enabling the Interoperability of Smart City Systems. , 2018, , .		14
173	A Technology Selection Framework for Manufacturing Companies in the Context of Industry 4.0. , 2018, , .		14
174	Pursuing the Vision of Industrie 4.0: Secure Plug-and-Produce by Means of the Asset Administration Shell and Blockchain Technology. , 2018, , .		16
175	Optimized resource allocation for cascaded communication networks in factory automation. , 2018, , .		7
176	Identification of malicious activities in industrial internet of things based on deep learning models. Journal of Information Security and Applications, 2018, 41, 1-11.	1.8	184
177	Channel Coding for High Performance Wireless Control in Critical Applications: Survey and Analysis. IEEE Access, 2018, 6, 29648-29664.	2.6	44
178	Network Slicing in Industry 4.0 Applications: Abstraction Methods and End-to-End Analysis. IEEE Transactions on Industrial Informatics, 2018, 14, 5419-5427.	7.2	79
179	Administering Quality-Energy Trade-Off in IoT Sensing Applications by Means of Adapted Compressed Sensing. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2018, 8, 895-907.	2.7	5
180	Multicopter Operations for Autonomous Assembly Applications in Manufacturing Environments. , 2018, , .		1
181	Flexible Wi-Fi Communication among Mobile Robots in Indoor Industrial Environments. Mobile Information Systems, 2018, 2018, 1-19.	0.4	9
182	Iterative Message Alignment for Quantized Message Passing between Distributed Sensor Nodes. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
183	The impact of the fourth industrial revolution: a cross-country/region comparison. <i>Production</i> , 2018, 28, .	1.3	92
184	A Lean Approach for Real-Time Planning and Monitoring in Engineer-to-Order Construction Projects. <i>Buildings</i> , 2018, 8, 38.	1.4	31
185	Blockchain in Industrie 4.0: Beyond cryptocurrency. <i>IT - Information Technology</i> , 2018, 60, 143-153.	0.6	7
186	Infrastructure and framework for response and reconfiguration in Industry 4.0. , 2018, , .		1
187	Industrial Internet of Things: A Systematic Literature Review and Insights. <i>IEEE Internet of Things Journal</i> , 2018, 5, 4515-4525.	5.5	129
188	A Review on Human-Centered IoT-Connected Smart Labels for the Industry 4.0. <i>IEEE Access</i> , 2018, 6, 25939-25957.	2.6	117
190	Robust-control using model-error-feedback CDOB and DOB under variable-time-delay. , 2018, , .		0
191	Engineering Education 4.0: " proposal for a new Curricula. , 2018, , .		48
192	Forging basic elements of cyber-physical systems in industry 4.0 with parametric characterization for FDC. , 2018, , .		1
193	Characterization of mmWave Channel Properties at 28 and 60 GHz in Factory Automation Deployments. , 2018, , .		38
194	Mechanical Design in Industry 4.0: Development of a Handling System Using a Modular Approach. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 508-514.	0.3	3
195	Is Fragmentation a Threat to the Success of the Internet of Things?. <i>IEEE Internet of Things Journal</i> , 2019, 6, 472-487.	5.5	33
196	Model-Based Interoperability IoT Hub for the Supervision of Smart Gas Distribution Networks. <i>IEEE Systems Journal</i> , 2019, 13, 1526-1533.	2.9	15
197	An integrated architecture for implementing extended producer responsibility in the context of Industry 4.0. <i>International Journal of Production Research</i> , 2019, 57, 1458-1477.	4.9	65
198	Industry 4.0 Scorecard of Turkish SMEs. , 2019, , 426-437.		10
199	Augmented reality technology in the manufacturing industry: A review of the last decade. <i>IJSE Transactions</i> , 2019, 51, 284-310.	1.6	247
200	Product development of mechanical practice: Augmented reality (AR) approach. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	14
201	Calibrating the PhD for Industry 4.0: global concerns, national agendas and Australian institutional responses. <i>Policy Reviews in Higher Education</i> , 2019, 3, 167-188.	3.5	18

#	ARTICLE	IF	CITATIONS
202	The Direction of Industry: A Literature Review on Industry 4.0. Proceedings of the Design Society International Conference on Engineering Design, 2019, 1, 2129-2138.	0.6	33
203	Sustainable Development Challenges and Risks of Industry 4.0: A literature review. , 2019, , .		24
204	A Review of IoT Technologies, Standards, Tools, Frameworks and Platforms. Computer Communications and Networks, 2019, , 3-34.	0.8	4
205	Efficient Utilization of Energy using Fog and Cloud based Integrated Environment in Smart Grid. , 2019, , .		0
206	Industry 4.0 Enhanced Lean Manufacturing. , 2019, , .		11
207	Solarfertigation: Internet of Things Architecture for Smart Agriculture. , 2019, , .		13
208	Preemption-Aware Rank Offloading Scheduling for Latency Critical Communications in 5G Networks. , 2019, , .		5
209	On the Use of Spatial Diversity under Highly Challenging Channels for Ultra Reliable Communications. , 2019, , .		2
210	The Emergence and Rise of Industry 4.0 Viewed through the Lens of Management Fashion Theory. Administrative Sciences, 2019, 9, 71.	1.5	61
211	Proposition of the methodology for Data Acquisition, Analysis and Visualization in support of Industry 4.0. Procedia Computer Science, 2019, 159, 1976-1985.	1.2	12
212	Application of Bit Interleaving to Convolutional Codes for Short Packet Transmission. , 2019, , .		0
213	Architecting systemsâ€¦ofâ€¦systems and their constituents: A case study applying Industry 4.0 in the construction domain. Systems Engineering, 2019, 22, 455-470.	1.6	30
214	Digitalization of a standard robot arm toward 4th industrial revolution. International Journal of Advanced Manufacturing Technology, 2019, 105, 2707-2720.	1.5	10
215	Industry 4.0: A bibliometric review of its managerial intellectual structure and potential evolution in the service industries. Technological Forecasting and Social Change, 2019, 149, 119752.	6.2	145
216	Scalable Analytics Platform for Machine Learning in Smart Production Systems. , 2019, , .		14
217	Noncoherent Multiuser Massive SIMO for Low-Latency Industrial IoT Communications. , 2019, , .		3
218	Industrial-IoT Data Analysis Exploiting Electronic Design Automation Techniques. , 2019, , .		5
219	Industry 4.0 competencies for a control systems engineer. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
220	Design and Applications of Agile Factory AaaS Architecture Based on Container-based Virtualized Automation Control Unit. <i>Procedia Computer Science</i> , 2019, 151, 622-629.	1.2	5
221	Reviewing Digital Manufacturing concept in the Industry 4.0 paradigm. <i>Procedia CIRP</i> , 2019, 81, 240-245.	1.0	25
222	Combined Reed-Solomon and Convolutional codes for IWSN based on IDWPT/DWPT Architecture. <i>Procedia Computer Science</i> , 2019, 155, 666-671.	1.2	3
223	Marketing Innovations in Industry 4.0 and Their Impacts on Current Enterprises. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3685.	1.3	14
224	The degree of readiness for the implementation of Industry 4.0. <i>Computers in Industry</i> , 2019, 113, 103125.	5.7	145
225	Pulse Interference Resilience of Convolutional Codes in WirelessHP Physical Layer Protocols: Experiment in Real Factory Environments. , 2019, , .		1
226	Revolution 4.0: Industry vs. Agriculture in a Future Development for SMEs. <i>Processes</i> , 2019, 7, 36.	1.3	227
228	Anomaly Detection in Aging Industrial Internet of Things. <i>IEEE Access</i> , 2019, 7, 74217-74230.	2.6	27
229	Web Frameworks Metrics and Benchmarks for Data Handling and Visualization. <i>Lecture Notes in Computer Science</i> , 2019, , 137-151.	1.0	1
230	Improving devices communication in Industry 4.0 wireless networks. <i>Engineering Applications of Artificial Intelligence</i> , 2019, 83, 1-12.	4.3	26
231	Coexistence Standardization of Operation Technology and Information Technology. <i>Proceedings of the IEEE</i> , 2019, 107, 962-976.	16.4	26
232	Locating experts and carving out the state of the art: A systematic review on Industry 4.0 and energy system analysis. <i>International Journal of Energy Research</i> , 2019, 43, 3981-4002.	2.2	6
233	The impact of digital technologies on vocational education and training needs. <i>Education and Training</i> , 2019, 61, 222-233.	1.7	14
234	Automated UV-Epoxy-Based Micro-Optic Assembly for Kilowatt-Class Laser-Diode Arrays and Modules. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019, 9, 2127-2135.	1.4	2
235	Evaluation of the Relation between Lean Manufacturing, Industry 4.0, and Sustainability. <i>Sustainability</i> , 2019, 11, 1439.	1.6	133
236	Shadow Space Modeling and Task Planning for Collision-free Cooperation of Dual Manipulators for Planar Task. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 995-1006.	1.6	9
237	Fog Computing for the Internet of Things. <i>ACM Transactions on Internet Technology</i> , 2019, 19, 1-41.	3.0	220
238	Load Balancing for Reliable Self-Organizing Industrial IoT Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 5052-5063.	7.2	21

#	ARTICLE	IF	CITATIONS
239	Industrie 4.0 process transformation: findings from a case study in automotive logistics. Journal of Manufacturing Technology Management, 2019, 31, 935-953.	3.3	14
240	Smart Industry or Smart Bubbles? A Critical Analysis of Its Perceived Value. Advanced Series in Management, 2019, , 1-20.	0.8	6
241	A Perspective of Emerging Technologies for Industrial Internet. , 2019, , .		5
242	Application of the Internet of Things in the textile industry. Textile Progress, 2019, 51, 225-297.	1.3	23
243	Open Tridharma: A Framework for Digital Openness in Higher Education. , 2019, , .		0
244	Optimal management of Supply Chain: Modeling of Decision Rules. , 2019, , .		0
245	NOMA-based 802.11n for Broadcasting Multimedia Content in Factory Automation Environments. , 2019, , .		5
246	Designing a Testbed to Assess Secure Control of Cyber-Physical Systems. , 2019, , .		0
247	Languages and Formalisms to Enable EDA Techniques in the Context of Industry 4.0. , 2019, , .		2
248	Towards Autonomic Educational Cyber Physical Systems. , 2019, , .		3
249	In-Situ-Linearization for Instantaneous Frequency Measurement Systems. , 2019, , .		3
250	Collaborative Networks: A Pillar of Digital Transformation. Applied Sciences (Switzerland), 2019, 9, 5431.	1.3	79
251	Investigating the Relationship between Industry 4.0 and Productivity: A Conceptual Framework for Malaysian Manufacturing Firms. Procedia Computer Science, 2019, 161, 696-706.	1.2	29
252	Maturity Models in Industrial Internet: a Review. Procedia Manufacturing, 2019, 39, 1854-1863.	1.9	10
253	Analysis of farming efficiency and smart farming system development in supporting garlic self-sufficiency: A concept. IOP Conference Series: Earth and Environmental Science, 2019, 335, 012006.	0.2	2
254	A Contract-based Methodology for Production Lines Validation. , 2019, , .		2
255	Comparing Decoding Performance of LDPC Codes and Convolutional Codes for Short Packet Transmission. , 2019, , .		3
256	Internet of Resources - Concept for an Agent-based Distributed Resource Management in the Fourth Industrial Revolution. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
257	Application of the Proknow-C Methodology in the Search of Literature on Performance Indicators for Energy Management in Manufacturing and Industry 4.0. <i>Procedia Manufacturing</i> , 2019, 39, 1259-1269.	1.9	11
258	Towards Industry 4.0? Digital Maturity of the Manufacturing Industry in a Swedish Region. , 2019, , .		9
259	Directional Wideband Channel Measurements at 28 GHz in an Industrial Environment. , 2019, , .		27
260	CSMA-TGT: Carrier-Sense Multiple Access with Transmission Guiding Tracks. , 2019, , .		2
261	Industrie 4.0-Scouts Programme. <i>IFAC-PapersOnLine</i> , 2019, 52, 445-450.	0.5	2
262	Prospective ISO 22400 for the challenges of human-centered manufacturing. <i>IFAC-PapersOnLine</i> , 2019, 52, 2537-2543.	0.5	4
263	Toward Inclusive Development Through Smart Economy in Malang Regency. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 328, 012008.	0.2	10
264	Ontologies for Industry 4.0. <i>Knowledge Engineering Review</i> , 2019, 34, .	2.1	56
265	Generating Transparency in the Worldwide Use of the Terminology Industry 4.0. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4659.	1.3	7
266	Factory of the Future: The industrial transition through the prism of co-evolution. , 2019, , .		0
267	Towards a Cyber-Physical System for Hydrobotatic AUVs. , 2019, , .		8
268	IoT Energy Retrofit and the Connection of Legacy Machines Inside the Industry 4.0 Concept. , 2019, , .		21
269	A Visual Analysis Approach for Understanding Durability Test Data of Automotive Products. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2019, 10, 1-23.	2.9	16
270	From Multi-Level to Abstract-Based Simulation of a Production Line. , 2019, , .		2
271	A review of Internet of Things (IoT) embedded sustainable supply chain for industry 4.0 requirements. <i>Computers and Industrial Engineering</i> , 2019, 127, 925-953.	3.4	602
272	Securing future decentralised industrial IoT infrastructures: Challenges and free open source solutions. <i>Future Generation Computer Systems</i> , 2019, 93, 596-608.	4.9	33
273	The Tactile Internet for Industries: A Review. <i>Proceedings of the IEEE</i> , 2019, 107, 414-435.	16.4	122
274	The IEEE 1918.1 "Tactile Internet" Standards Working Group and its Standards. <i>Proceedings of the IEEE</i> , 2019, 107, 256-279.	16.4	119

#	ARTICLE	IF	CITATIONS
275	A survey of visualization for smart manufacturing. <i>Journal of Visualization</i> , 2019, 22, 419-435.	1.1	71
276	Technology transfer in the supply chain oriented to industry 4.0: a literature review. <i>Technology Analysis and Strategic Management</i> , 2019, 31, 546-562.	2.0	114
277	A Review of the Principles of Designing Smart Cyber-Physical Systems for Run-Time Adaptation: Learned Lessons and Open Issues. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 145-158.	5.9	49
278	Towards High-Performance Wireless Control: 10^{-7} Packet Error Rate in Real Factory Environments. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 5554-5564.	7.2	16
279	Agent-Based Simulation for Indoor Manufacturing Environmentsâ€”Evaluating the Effects of Spatialization. <i>Lecture Notes in Geoinformation and Cartography</i> , 2020, , 309-324.	0.5	2
280	Literature review of Industry 4.0 and related technologies. <i>Journal of Intelligent Manufacturing</i> , 2020, 31, 127-182.	4.4	1,095
281	Scopus scientific mapping production in industry 4.0 (2011â€“2018): a bibliometric analysis. <i>International Journal of Production Research</i> , 2020, 58, 1605-1627.	4.9	130
282	Robust deadlock control for automated manufacturing systems based on elementary siphon theory. <i>Information Sciences</i> , 2020, 510, 165-182.	4.0	17
283	OFDM Radar Range Accuracy Enhancement Using Fractional Fourier Transformation and Phase Analysis Techniques. <i>IEEE Sensors Journal</i> , 2020, 20, 1011-1018.	2.4	6
284	Future developments in standardisation of cyber risk in the Internet of Things (IoT). <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	49
285	Behind the definition of Industry 4.0: Analysis and open questions. <i>International Journal of Production Economics</i> , 2020, 226, 107617.	5.1	337
286	An Entropy-Based Approach to Real-Time Information Extraction for Industry 4.0. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 6033-6041.	7.2	14
287	Computer vision system for workpiece referencing in three-axis machining centers. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 106, 2007-2020.	1.5	19
288	Implementation of Industry 4.0 concept in companies: empirical evidences. <i>International Journal of Computer Integrated Manufacturing</i> , 2020, 33, 325-342.	2.9	89
289	Challenges to IoT-Enabled Predictive Maintenance for Industry 4.0. <i>IEEE Internet of Things Journal</i> , 2020, 7, 4585-4597.	5.5	141
290	FASTEN IIoT: An Open Real-Time Platform for Vertical, Horizontal and End-To-End Integration. <i>Sensors</i> , 2020, 20, 5499.	2.1	27
291	Industry 4.0 Implementation Challenges in Manufacturing Industries: an Interpretive Structural Modelling Approach. <i>Procedia Computer Science</i> , 2020, 176, 2384-2393.	1.2	28
292	On the development of a collaborative robotic system for industrial coating cells. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 115, 853-871.	1.5	9

#	ARTICLE	IF	CITATIONS
293	Integrating Industry 4.0 plans into regional innovation strategies. <i>Local Economy</i> , 2020, 35, 496-510.	0.8	16
294	A paradigm of safety management in Industry 4.0. <i>Systems Research and Behavioral Science</i> , 2020, 37, 632-645.	0.9	43
295	Architecture Model for a Holistic and Interoperable Digital Energy Management Platform. <i>Procedia Manufacturing</i> , 2020, 51, 1117-1124.	1.9	10
296	Logistics Optimisation. <i>International Journal of Business Analytics</i> , 2020, 7, 54-76.	0.2	2
297	An Industry 4.0 maturity model for machine tool companies. <i>Technological Forecasting and Social Change</i> , 2020, 159, 120203.	6.2	72
298	Industry 4.0: Eyeing The Future via Simulation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 769, 012001.	0.3	4
299	CAAIâ€™a cognitive architecture to introduce artificial intelligence in cyber-physical production systems. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 111, 609-626.	1.5	11
300	The Design of a Digital-Twin for Predictive Maintenance. , 2020, , .		11
301	Artificial intelligence in cyber physical systems. <i>AI and Society</i> , 2021, 36, 783-796.	3.1	66
302	Applying sustainability into engineering curriculum under the background of â€œnew engineering educationâ€•(NEE). <i>International Journal of Sustainability in Higher Education</i> , 2020, 21, 1169-1187.	1.6	16
303	Survey on Security Concepts to Adapt Flexible Manufacturing and Operations Management based upon Multi-Agent Systems. , 2020, , .		6
304	Prospects of the fourth industrial revolution for the hospitality industry: a literature review. <i>Journal of Hospitality and Tourism Technology</i> , 2020, 11, 479-494.	2.5	24
305	Measurement and Characterization of an Indoor Industrial Environment at 3.7 and 28 GHz. , 2020, , .		32
306	Integrating the Concept of Industry 4.0 by Teaching Methodology in Industrial Engineering Curriculum. <i>Processes</i> , 2020, 8, 1007.	1.3	18
307	New product development process in apparel industry using Industry 4.0 technologies. <i>International Journal of Productivity and Performance Management</i> , 2021, 70, 2352-2373.	2.2	29
308	NOMA-Based 802.11n for Industrial Automation. <i>IEEE Access</i> , 2020, 8, 168546-168557.	2.6	22
309	Enhanced Remote Areas Communications: The Missing Scenario for 5G and Beyond 5G Networks. <i>IEEE Access</i> , 2020, 8, 219859-219880.	2.6	14
310	Edge Asset Management based on Administration Shell in Industrial Cyber-Physical Systems. , 2020, , .		4

#	ARTICLE	IF	CITATIONS
311	Skills, competencies and literacies attributed to 4IR/Industry 4.0: Scoping review. IFLA Journal, 2020, 46, 369-399.	0.6	46
312	Ultra low power wireless multi-sensor platform dedicated to machine tool condition monitoring. Procedia Manufacturing, 2020, 51, 296-301.	1.9	3
313	Automatic weld path definition in CAD. Procedia Manufacturing, 2020, 51, 478-484.	1.9	5
314	Implementation of a multiband 5G NR fiber-wireless system using analog radio over fiber technology. Optics Communications, 2020, 474, 126112.	1.0	12
315	Blockchain technology adoption barriers in the Indian agricultural supply chain: an integrated approach. Resources, Conservation and Recycling, 2020, 161, 104877.	5.3	205
316	Optimized flow assignment for applications with strict reliability and latency constraints using path diversity. Journal of Computational Science, 2020, 44, 101163.	1.5	4
317	Intelligent manufacturing in industry 4.0: A case study of Sany heavy industry. Systems Research and Behavioral Science, 2020, 37, 679-690.	0.9	30
318	Education for industry revolution 4.0: using flipped classroom in mathematics learning as alternative. Journal of Physics: Conference Series, 2020, 1521, 032038.	0.3	3
319	Detection of Low-Frequency and Multi-Stage Attacks in Industrial Internet of Things. IEEE Transactions on Vehicular Technology, 2020, 69, 8820-8831.	3.9	37
320	The evolution of man-machine interaction: the role of human in Industry 4.0 paradigm. Production and Manufacturing Research, 2020, 8, 20-34.	0.9	91
321	Joint Pilot and Payload Power Allocation for Massive-MIMO-Enabled URLLC IIoT Networks. IEEE Journal on Selected Areas in Communications, 2020, 38, 816-830.	9.7	88
322	Social Expectations and Market Changes in the Context of Developing the Industry 4.0 Concept. Sustainability, 2020, 12, 1362.	1.6	64
323	The Implementation of Industry 4.0 – A Systematic Literature Review of the Key Factors. Systems Research and Behavioral Science, 2020, 37, 557-578.	0.9	40
324	Taxonomy of Industry 4.0 research: Mapping scholarship and industry insights. Systems Research and Behavioral Science, 2020, 37, 535-556.	0.9	27
325	Impact of Industry 4.0 on Environmental Sustainability. Sustainability, 2020, 12, 4674.	1.6	216
326	Production Recipe Validation through Formalization and Digital Twin Generation. , 2020, , .		3
327	Computer Simulation of Human-Robot Collaboration in the Context of Industry Revolution 4.0. , 0, , .		2
328	Are QM models aligned with Industry 4.0? A perspective on current practices. Journal of Cleaner Production, 2020, 258, 120820.	4.6	46

#	ARTICLE	IF	CITATIONS
329	On a containerized approach for the dynamic planning and control of a cyber - physical production system. <i>Robotics and Computer-Integrated Manufacturing</i> , 2020, 64, 101919.	6.1	38
330	The future of manufacturing: A Delphi-based scenario analysis on Industry 4.0. <i>Technological Forecasting and Social Change</i> , 2020, 157, 120092.	6.2	121
331	Augmented Reality for Future Research Opportunities and Challenges in the Shipbuilding Industry: A Literature Review. <i>Procedia Manufacturing</i> , 2020, 45, 497-503.	1.9	15
332	Integration of Novel Sensors and Machine Learning for Predictive Maintenance in Medium Voltage Switchgear to Enable the Energy and Mobility Revolutions. <i>Sensors</i> , 2020, 20, 2099.	2.1	44
333	High-Performance Industrial Wireless: Achieving Reliable and Deterministic Connectivity Over IEEE 802.11 WLANs. <i>IEEE Open Journal of the Industrial Electronics Society</i> , 2020, 1, 28-37.	4.8	28
334	Towards I4.0: A comprehensive analysis of evolution from I3.0. <i>Computers and Industrial Engineering</i> , 2020, 144, 106453.	3.4	34
335	Information and digital technologies of Industry 4.0 and Lean supply chain management: a systematic literature review. <i>International Journal of Production Research</i> , 2020, 58, 5034-5061.	4.9	185
336	Reinforcement Learning-Based Multislot Double-Threshold Spectrum Sensing With Bayesian Fusion for Industrial Big Spectrum Data. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 3391-3400.	7.2	77
337	Secure Storage Auditing With Efficient Key Updates for Cognitive Industrial IoT Environment. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 4238-4247.	7.2	15
338	A Real-Time Performance Recovery Framework for Vision-Based Control Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2021, 68, 1571-1580.	5.2	11
339	“Evolutions”™ and “revolutions”™ in manufacturers’™ implementation of industry 4.0: a literature review, a multiple case study, and a conceptual framework. <i>Production Planning and Control</i> , 2021, 32, 213-227.	3.8	73
340	Modeling supplier selection in the era of Industry 4.0. <i>Benchmarking</i> , 2021, 28, 1809-1836.	2.9	21
341	ArduCode: Predictive Framework for Automation Engineering. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021, 18, 1417-1428.	3.4	3
342	Industry 4.0: defining the research agenda. <i>Benchmarking</i> , 2021, 28, 1858-1882.	2.9	42
343	How the combination of Circular Economy and Industry 4.0 can contribute towards achieving the Sustainable Development Goals. <i>Sustainable Production and Consumption</i> , 2021, 26, 213-227.	5.7	291
344	Efficient Anomaly Detection in a Laser-Surface Heat-Treatment Process via Laser-Spot Tracking. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021, 26, 405-415.	3.7	1
345	Smart Supply Chains with vendor managed inventory, coordination, and environmental performance. <i>European Journal of Operational Research</i> , 2021, 292, 515-531.	3.5	50
346	Narrowing the barriers to Industry 4.0 practices through PCA-Fuzzy AHP-K means. <i>Journal of Advances in Management Research</i> , 2021, 18, 200-226.	1.6	31

#	ARTICLE	IF	CITATIONS
347	IoT/cloud-enabled smart services: A review on QoS requirements in fog environment and a proposed approach based on priority classification technique. International Journal of Communication Systems, 2021, 34, e4269.	1.6	13
348	Industrial Internet of Things and Emerging Digital Technologies—Modeling Professionals’ Learning Behavior. IEEE Access, 2021, 9, 30017-30034.	2.6	20
349	The Impacts of Industry 4.0 on Marketing Activities and Strategies of Iron and Steel Industry in Developing Countries: Case for Uganda. Open Journal of Social Sciences, 2021, 09, 591-626.	0.1	2
350	Technologiekonvergenz im Energiesektor. , 2021, , 639-657.		0
351	How Supply Chain Management Will Change in the Industry 4.0 Era?. , 2021, , 1015-1035.		1
352	Algoritmica: questões e desafios éticos do avanço tecnológico da sociedade da informação. Galaxia, 2021, , .	0.1	2
353	A Multi-layered Framework for Internet of Everything (IoE) via Wireless Communication and Distributed Computing in Industry 4.0. Recent Patents on Engineering, 2021, 14, 521-529.	0.3	1
354	Application of Internet of Thing and Cyber Physical System in Industry 4.0 Smart Manufacturing. Advances in Science, Technology and Innovation, 2021, , 203-217.	0.2	16
355	From Industry 4.0 to Agriculture 4.0. , 2021, , 13-28.		1
356	Application of Industry 4.0 technologies for effective coordination in humanitarian supply chains: a strategic approach. Annals of Operations Research, 2022, 319, 379-411.	2.6	21
358	Sosyal Bilimlerde Endüstri 4.0’ün İncelenmesi ve Bibliyometrik Analizi. Dumlupınar Üniversitesi Sosyal Bilimler Dergisi, 0, , .	0.2	1
359	Preventive Maintenance as a Critical Success Factor in Industry 4.0. Advances in Information Security, Privacy, and Ethics Book Series, 2021, , 311-331.	0.4	3
360	Management Accounting Practices in Export-Oriented Manufacturing Small and Medium Enterprises in Malaysia. Contributions To Management Science, 2021, , 75-108.	0.4	0
361	Digitalization and Sub-supplier Management. Contributions To Management Science, 2021, , 101-116.	0.4	0
362	Industry 4.0 Privacy and Security Protocol Issues in Internet of Things. , 2021, , 1853-1876.		1
363	Steering for Sustainable Development Goals: A Typology of Sustainable Innovation. Encyclopedia of the UN Sustainable Development Goals, 2021, , 1026-1036.	0.0	19
364	Analysis of NOMA-Based Retransmission Schemes for Factory Automation Applications. IEEE Access, 2021, 9, 29541-29554.	2.6	13
366	Education 4.0 to Industry 4.0 Vision: Current Trends and Overview. Lecture Notes in Mechanical Engineering, 2021, , 475-485.	0.3	9

#	ARTICLE	IF	CITATIONS
367	Performance Evaluation of Skill-Based Order-Assignment in Production Environments with Multi-Agent Systems. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2021, , 1-1.	3.0	0
368	Digital Management Towards Society 5.0. Advances in Business Strategy and Competitive Advantage Book Series, 2021, , 120-137.	0.2	4
370	The impact of industrial revolution 4.0 on basic chemistry learning. AIP Conference Proceedings, 2021, , , .	0.3	14
371	Tactile Internet standards of the IEEE P1918.1 Working Group. , 2021, , 351-374.		5
372	Manufacturing Execution System State-Of-The-Art: Its Evolution and Dynamism Focused on Industry 4.0. , 2021, , 245-262.		0
373	A Deep Learning Model for Predictive Maintenance in Cyber-Physical Production Systems Using LSTM Autoencoders. Sensors, 2021, 21, 972.	2.1	63
374	Easing Up Transition: A Strategic Roadmap Toward Industry 4.0. , 2021, , 215-234.		2
375	Aplicaci3n del internet industrial de las cosas(iIoT)en l3neas de manufactura por proceso de moldeo por inyecci3n de pl3stico.. ReCIBE, 2021, 9, C1-C22.	0.2	0
377	Developing Industrial CPS: A Multi-Disciplinary Challenge. Sensors, 2021, 21, 1991.	2.1	24
378	Design and Implementation of Universal Cyber-Physical Model for Testing Logistic Control Algorithms of Production Line3s Digital Twin by Using Color Sensor. Sensors, 2021, 21, 1842.	2.1	17
379	Importance of the Application of Lean Manufacturing and Sustainable Manufacturing and Its Impact on Productivity and Quality in the Electronics Industry of Mexicali. International Journal of Innovative Technology and Exploring Engineering, 2021, 10, 30-39.	0.2	0
380	Industry 4.0 technologies as enablers of lean and agile supply chain strategies: an exploratory investigation. International Journal of Logistics Management, 2021, 32, 1150-1189.	4.1	39
381	A Design Methodology of Multi-level Digital Twins. , 2021, , .		2
382	Reporting 4.0: Business Reporting for the Age of Mass Customization. Journal of Emerging Technologies in Accounting, 2021, 18, 1-15.	0.8	7
383	Robots in Industry: The Past, Present, and Future of a Growing Collaboration With Humans. IEEE Industrial Electronics Magazine, 2021, 15, 50-61.	2.3	36
384	A contemporary approach to the MSE paradigm powered by Artificial Intelligence from a review focused on Polymer Matrix Composites. Mechanics of Advanced Materials and Structures, 2022, 29, 3076-3096.	1.5	9
385	Industry 4.0 enabling technologies in manufacturing: implementation priorities and difficulties in an emerging country. Technology Analysis and Strategic Management, 2022, 34, 489-503.	2.0	10
386	Haven3t We Been Here Before? A Critical Analysis of the Fourth Industrial Revolution. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
387	Digital transformation success under Industry 4.0: a strategic guideline for manufacturing SMEs. Journal of Manufacturing Technology Management, 2021, 32, 1533-1556.	3.3	113
388	What does operational excellence mean in the Fourth Industrial Revolution era?. International Journal of Production Research, 2022, 60, 2901-2917.	4.9	30
389	Investigating major challenges for industry 4.0 adoption among construction companies. Engineering, Construction and Architectural Management, 2021, , .	1.8	32
390	A Unified Architectural Approach for Cyberattack-Resilient Industrial Control Systems. Proceedings of the IEEE, 2021, 109, 517-541.	16.4	58
391	Architecture Blueprint Enabling Distributed Digital Twins. , 2021, , .		3
392	Modeling and control of a novel pneumatic two-stage piezoelectric-actuated valve. Mechatronics, 2021, 75, 102529.	2.0	1
393	Framework of automated value stream mapping for lean production under the Industry 4.0 paradigm. Journal of Zhejiang University: Science A, 2021, 22, 382-395.	1.3	23
394	Throughput, capacity and latency analysis of P-NOMA RRM schemes in 5G URLLC. Multimedia Tools and Applications, 2022, 81, 12251-12273.	2.6	3
395	AdoÃ§Ã£o de tecnologias da indÃºstria 4.0 no agronegÃ³cio: uma percepÃ§Ã£o de especialistas sobre as firmas pÃ³s porteira.. , 0, , .		0
396	New Needed Quality Management Skills for Quality Managers 4.0. Sustainability, 2021, 13, 6149.	1.6	48
397	Design and implementation of smart pressure sensor for automotive applications. Measurement: Journal of the International Measurement Confederation, 2021, 176, 109184.	2.5	19
398	Torn between digitized future and context dependent past â How implementing âIndustry 4.0â production technologies could transform the German textile industry. Technological Forecasting and Social Change, 2021, 166, 120620.	6.2	48
399	A study to determine the effects of industry 4.0 technology components on organizational performance. Technological Forecasting and Social Change, 2021, 167, 120615.	6.2	44
400	A machine learning model of national competitiveness with regional statistics of public expenditure. Computational and Mathematical Organization Theory, 0, , 1.	1.5	0
401	Customer participation in new product development: an Industry 4.0 perspective. European Journal of Innovation Management, 2022, 25, 637-655.	2.4	15
402	The ethics of shared Covid-19 risks: an epistemological framework for ethical health technology assessment of risk in vaccine supply chain infrastructures. Health and Technology, 2021, 11, 1083-1091.	2.1	25
403	Turning old into new: adding LoRaWAN connectivity to PLC in brownfield installations. , 2021, , .		3
404	Future competencies for three demanding careers of industry 4.0: Robotics engineers, data scientists, and food designers. The Journal of Competency-Based Education, 2021, 6, e01253.	1.0	2

#	ARTICLE	IF	CITATIONS
406	Three-dimensional visualization of the detected defects by eddy current computing tomography. <i>Tekhnicheskaya Diagnostika I Nerazrushayushchij Kontrol</i> , 2021, 2021, 7-13.	0.1	1
407	Analysis of the innovative development of circumpolar countries in the context of the fourth industrial revolution. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 816, 012002.	0.2	0
408	New Industrialization and Trends in Modernization of Belarusian Industry. <i>Nauka I Tehnika</i> , 2021, 20, 357-364.	0.1	6
409	Modelling the relationship of digital technologies with lean and agile strategies. <i>Supply Chain Forum</i> , 2021, 22, 323-346.	2.7	16
410	Industry 4.0 And Ethical Challenges In Developing Countries: A Case Study On Pakistan. , 2021, , .		0
411	Navigating the future of industry 4.0 in Malaysia: A proposed conceptual framework on SMEsâ€™ readiness. <i>International Journal of Advanced and Applied Sciences</i> , 2021, 8, 41-49.	0.2	2
412	Industry 4.0 as a â€˜sudden change': the relevance of long waves of economic development for the regional level. <i>European Planning Studies</i> , 2021, 29, 1723-1737.	1.6	4
413	A Study on Conversion of NLoS to LoS conditions using Sidelink in Smart Factory Environments. , 2021, , .		3
414	Reference training system for intelligent manufacturing talent education: platform construction and curriculum development. <i>Journal of Intelligent Manufacturing</i> , 2023, 34, 1125-1164.	4.4	10
416	Contact points between Lean Six Sigma and Industry 4.0: a systematic review and conceptual framework. <i>International Journal of Quality and Reliability Management</i> , 2022, 39, 2155-2183.	1.3	19
417	Virtual Prototyping a Production Line Using Assumeâ€™Guarantee Contracts. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 6294-6302.	7.2	5
418	Green sourcing in the era of industry 4.0: towards green and digitalized competitive advantages. <i>Industrial Management and Data Systems</i> , 2021, 121, 1997-2025.	2.2	30
419	Digital twin paradigm: A systematic literature review. <i>Computers in Industry</i> , 2021, 130, 103469.	5.7	303
420	A survey on new trends of digital twin technology for power systems. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021, 41, 3873-3893.	0.8	12
421	Mapping the Impacts of Industry 4.0 on Performance Measurement Systems. <i>IEEE Latin America Transactions</i> , 2021, 19, 1912-1923.	1.2	12
422	A global comparison methodology to determine critical requirements for achieving industry 4.0. <i>Technological Forecasting and Social Change</i> , 2021, 172, 121036.	6.2	8
423	Digital intelligence: A must-have for project managers. <i>Project Leadership and Society</i> , 2021, 2, 100026.	1.8	14
424	Digital Transformation and the Evolution of the Platform Economy. <i>Advances in Electronic Commerce Series</i> , 2021, , 1-24.	0.2	1

#	ARTICLE	IF	CITATIONS
425	Education and the Fourth Industrial Revolution: Lessons from COVID-19. Computers, Materials and Continua, 2022, 70, 951-962.	1.5	15
426	Towards "Design for Interoperability" in the context of Systems Engineering. Procedia CIRP, 2021, 96, 145-150.	1.0	7
428	Robot Localisation Using UHF-RFID Tags: A Kalman Smoother Approach ". Sensors, 2021, 21, 717.	2.1	15
429	Industry 4.0 in Cultural Industry. , 2021, , 1379-1396.		0
430	Strategic Management in SMEs in Industry 4.0. , 2021, , 1548-1569.		0
431	The Effects of Industry 4.0 on Labor Force Attributes and New Challenges. , 2021, , 1178-1201.		0
432	LÄ°SANS VE LÄ°SE Ä–ÄŽRENCÄ°LERÄ°NÄ°N ENDÄ°STRÄ° 4.0 VE TOPLUM 5.0 KAVRAMLARI HAKKINDAKÄ° METAFORÄ°K ALÇILARI. Necatibey EÄ°itim FakÄ°ltesi Elektronik Fen Ve Matematik EÄ°itimi Dergisi, 0, , .	0.5	0
433	GOLD: Global Organization aLignment and Decision - Towards the Hierarchical Integration of Heterogeneous Business Models. Lecture Notes in Computer Science, 2018, , 504-527.	1.0	12
434	si3-Industry: A Sustainable, Intelligent, Innovative, Internet-of-Things Industry. Advances in Science, Technology and Innovation, 2020, , 1-21.	0.2	27
436	Comparative Analysis of the Most Industrialized Cities in Turkey from the Perspective of Industry 4.0. Lecture Notes in Mechanical Engineering, 2020, , 263-277.	0.3	5
437	Literature Review on Sustainable Logistics and Sustainable Production for Industry 4.0. Ecoproduction, 2020, , 1-18.	0.8	12
438	Semantic CPPS in Industry 4.0. Advances in Intelligent Systems and Computing, 2020, , 1057-1068.	0.5	4
439	Predicting Physical Properties of Woven Fabrics via Automated Machine Learning and Textile Design and Finishing Features. IFIP Advances in Information and Communication Technology, 2020, , 244-255.	0.5	9
440	To Mesh or not to Mesh: Flexible Wireless Indoor Communication Among Mobile Robots in Industrial Environments. Lecture Notes in Computer Science, 2016, , 325-338.	1.0	8
441	Industrial Cyber Physical Systems Supported by Distributed Advanced Data Analytics. Studies in Computational Intelligence, 2017, , 47-59.	0.7	7
442	Machine Learning Improves Human-Robot Interaction in Productive Environments: A Review. Lecture Notes in Computer Science, 2017, , 283-293.	1.0	4
443	When Energy Revolution Meets Digital Transformation. Smart Innovation, Systems and Technologies, 2018, , 65-81.	0.5	2
444	Enabling Semantics within Industry 4.0. Lecture Notes in Computer Science, 2017, , 39-52.	1.0	7

#	ARTICLE	IF	CITATIONS
445	Collaborative Networks as a Core Enabler of Industry 4.0. IFIP Advances in Information and Communication Technology, 2017, , 3-17.	0.5	94
447	Current Trends in Industry 4.0 and Implications in Container Supply Chain Management: A Key Toward Make in India. Advances in Theory and Practice of Emerging Markets, 2018, , 209-224.	0.7	6
448	Industry 4.0 (I40) Connectivity: Smart Factory Communications. , 2018, , 211-220.		1
449	Assessing Industry 4.0 Features Using SWOT Analysis. Communications in Computer and Information Science, 2020, , 216-225.	0.4	7
450	Industry 4.0 Manufacturing Based on IoT, Cloud Computing, and Big Data: Manufacturing Purpose Scenario. Lecture Notes in Electrical Engineering, 2021, , 1109-1119.	0.3	13
451	A business process and portfolio management approach for Industry 4.0 transformation. Business Process Management Journal, 2020, 27, 505-528.	2.4	25
452	Heartbeat Bully: Failure Detection and Redundancy Role Selection for Network-Centric Controller. , 2020, , .		4
453	Concept Design of a System Architecture for a Manufacturing Cyber-physical Digital Twin System. , 2020, , .		28
454	Private 5G: The Future of Industrial Wireless. IEEE Industrial Electronics Magazine, 2020, 14, 136-145.	2.3	114
455	An Experimental Analysis of Security Vulnerabilities in Industrial IoT Devices. ACM Transactions on Internet Technology, 2020, 20, 1-24.	3.0	46
457	Hybrid fuzzy multi-attribute decision making model for evaluation of advanced digital technologies in manufacturing: Industry 4.0 perspective. Advances in Production Engineering and Management, 2019, 14, 483-493.	0.8	25
458	Can industrial intelligence promote industrial transformation? –Case of mining enterprises. Frontiers of Engineering Management, 2017, 4, 375.	3.3	1
459	Towards Industry 4.0: a SWOT-based analysis for companies located in the Sorocaba Metropolitan Region (São Paulo State, Brazil). Gestão & Produção, 2020, 27, .	0.5	4
460	Mapping of the scientific production of industry 4.0 in the BRICS: reflections and interfaces. Cadernos EBAPE BR, 2019, 17, 1094-1114.	0.1	2
461	Title is missing!. Logforum, 2017, 13, .	0.6	33
462	EDUCATION 4.0: DEFINING THE TEACHER, THE STUDENT, AND THE SCHOOL MANAGER ASPECTS OF THE REVOLUTION. Turkish Online Journal of Distance Education, 2020, 21, 12-28.	0.5	27
463	El efecto global de la actual revolución tecnológica 4ª revolución industrial y la industria 4.0 en acción. Revista Geon (Gestión Organizaciones Y Negocios), 2020, 7, 1-24.	0.4	6
464	Big Data Analytics: Opportunity or Threat for the Accounting Profession?. Journal of Information Systems, 2017, 31, 63-79.	0.5	151

#	ARTICLE	IF	CITATIONS
465	Technology Transfer and Human Capital in the Industrial 4.0 Scenario: A Theoretical Study. Future Studies Research Journal: Trends and Strategies, 2019, 11, 102-122.	0.2	19
466	A multi-case study on Industry 4.0 for SMEs in Brandenburg, Germany. , 2018, , .		22
468	Key Performance Indicators and Industry 4.0 – A Socially Responsible Perspective. Nase Gospodarstvo, 2020, 66, 22-35.	0.2	8
469	Industry 4.0 and the digital society: concepts, dimensions and envisioned benefits. Proceedings of the International Conference on Business Excellence, 2018, 12, 386-397.	0.1	82
470	Towards autonomous payments for internet of things. , 2016, , .		1
471	COVID-19 and its Impact on Education: Challenges from Industry 4.0. Aquademia, 2020, 4, ep20025.	0.3	14
472	Notwendige Voraussetzungen für die Realisierung von Industrie 4.0. ZWF Zeitschrift Für Wirtschaftlichen Fabrikbetrieb, 2015, 110, 134-141.	0.2	7
473	Fourth Industrial Revolution in Bangladesh: Prospects and Challenges. Asian Journal of Social Sciences and Legal Studies, 2020, , 104-114.	1.0	3
474	How Can Industry 4.0 Contribute to Combatting Climate Change?. Revue D'Economie Industrielle, 2020, , 161-193.	0.4	6
475	Strategies and Tools for Knowledge Management in Innovation and the Future Industry. Advances in Knowledge Acquisition, Transfer and Management Book Series, 2019, , 179-202.	0.1	3
476	Internet of Everything. Advances in Computer and Electrical Engineering Book Series, 2019, , 1-30.	0.2	10
477	The Popular Culture of 3D Printing. Advances in Media, Entertainment and the Arts, 2019, , 188-211.	0.0	8
478	Industry 4.0 in Cultural Industry. Advances in Civil and Industrial Engineering Book Series, 2020, , 1-19.	0.2	8
479	Social Media's Perspective on Industry 4.0: A Twitter Analysis. Social Networking, 2017, 06, 251-261.	0.3	17
480	A New V2G Control Strategy for Load Factor Improvement Using Smoothing Technique. Advances in Electrical and Computer Engineering, 2017, 17, 43-50.	0.5	5
481	Impacts of the 4th Industrial Revolution on Industries. Walailak Journal of Science and Technology, 2020, 17, 903-915.	0.5	10
482	INDÚSTRIA 4.0: TECNOLOGIAS E NÍVEL DE MATURIDADE DE SUAS APLICAÇÕES. , 0, , .		1
484	Use of Industry 4.0 and Organisational Innovation Concepts in the Serbian Textile and Apparel Industry. Fibres and Textiles in Eastern Europe, 2019, 27, 10-18.	0.2	18

#	ARTICLE	IF	CITATIONS
485	A Survey on Industry 4.0 for the Oil and Gas Industry: Upstream Sector. IEEE Access, 2021, 9, 144438-144468.	2.6	33
487	Three-dimensional visualization of the detected defects by eddy current computing tomography. The Paton Welding Journal, 2021, 2021, 49-55.	0.1	2
488	Analysis of critical success factors for implementing Industry 4.0 integrated circular supply chain – moving towards sustainable operations. Production Planning and Control, 2023, 34, 984-998.	5.8	26
489	A way forward towards a technology-driven development of industry 4.0 using big data analytics in 5G-enabled IIoT. International Journal of Communication Systems, 2022, 35, .	1.6	11
490	SozioTex-Sociotechnical systems in the Textile Industry: Interdisciplinary Competence Build-up in Human-machine Interaction Facing Demographic Change. Journal of Textile Science & Engineering, 2015, 05, .	0.2	0
491	INOVAÇÃO NO CONTEXTO DE CONVERGÊNCIA TECNOLÓGICA EM BIOTECNOLOGIA: UM ESTUDO DE CASO. , 0, .		0
492	Improvement in Precision of Positioning Control System via 2.4GHz Band Wireless Communication. IEEE Transactions on Industry Applications, 2017, 137, 553-560.	0.1	3
493	SOFTWARE DEFINED RESPONSE AND NETWORK RECONFIGURATION FOR INDUSTRIAL CONTROL SYSTEMS. IFIP Advances in Information and Communication Technology, 2017, , 157-173.	0.5	2
494	The Age of Fourth Industrial Revolution: Challenges and Orientations of Citizenship Education. Theory and Research in Citizenship Education, 2017, 49, 219-239.	0.0	0
495	Chancen und Herausforderungen der Organisations- und Personalentwicklung im Zeitalter der Industrie 4.0 – Bestandsaufnahme und Ausblick. , 2018, , 191-209.		3
496	Scenariusze dostosowawcze sektora ekonomii społecznej do realiów czwartej rewolucji przemysłowej. Ekonomia Społeczna, 2018, , 41-49.	0.1	1
497	On the value of information for Industry 4.0. , 2018, , .		0
498	"Green smart" industry conceptual provisions. Economy of Industry, 2018, 1, 61-85.	0.2	4
500	Towards a Standards-Based Domain Specific Language for Industry 4.0 Architectures. , 2019, , 44-55.		8
501	TRANSFORMATION OF THE MACHINES FROM LEARNER TO DECISION MAKER: INDUSTRY 4.0 AND BIG DATA. Muzyka Journal of Science and Technology, 2018, 4, 219-223.	0.1	0
502	Doing More With Less. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 1-17.	0.3	0
503	RT-WiFi Approach to Handle Real-Time Communication: An Experimental Evaluation. Lecture Notes in Computer Science, 2019, , 290-303.	1.0	1
504	Devicification of Food Process Engineering. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
505	Industrie-4.0-Readiness von Supply-Chain-Netzwerken. , 2019, , 247-267.		0
506	Lieferantenintegration im Kontext von Industrie 4.0 – aktuelle Anforderungen an Lieferanten, Herausforderungen und mögliche Handlungsoptionen. Advances in Supply Management, 2019, , 171-185.	0.2	0
507	Vi kan ikke spise algoritmer. Beta Scandinavian Journal of Business Research, 2019, 33, 113-130.	0.1	0
508	SANAYÄ°DE DÄ°JÄ°TAL DÄ–NÄœÄzÄœM SÄœRECA° VE GENEL Ä°KTÄ°SADÄ° GÄ–RÄœNÄœM. Uluslararası Ticaret Ve Ekonomi ArařtırmalarÄ± Dergisi, 2019, 3, 18-29.	0.3	1
509	The evolving role of automated systems and its cyber-security issue for global business operations in Industry 4.0. International Journal of Business Ecosystem and Strategy (2687-2293), 2019, 1, 01-11.	0.1	27
510	Menakar Digital Marketing Pada Lembaga Pendidikan Pariwisata. Jurnal Manajemen Bisnis, 2019, 16, 48.	0.2	0
511	Digital Masters: Blueprinting Digital Transformation. , 2020, , 97-110.		1
512	TECNOLOGIAS DA INDÜSTRIA 4.0 E AGRONEGÓCIO: uma reflexão para um conjunto de firmas do Rio Grande do Sul. , 0, , .		0
513	Communication Between Scientific Units and Companies in the Context of Their Cooperation. Springer Proceedings in Business and Economics, 2020, , 191-202.	0.3	0
514	Industry 4.0 within the framework of Supply Chain: a literature review and future research directions. Yorum-YÄřnetim-YÄřntem Uluslararası YÄřnetim-Ekonomi Ve Felsefe Dergisi, 2019, 7, 129-141.	0.2	0
515	IRIS: A Novel Approach to Monitoring Risk in Safety Critical Plants. , 2020, , .		0
516	The impact of the collaborative robot on competitive priorities: case study of an automotive supplier. GestÄœo & ProduçÄœo, 2020, 27, .	0.5	5
517	ENDÜSTRÄ° 4.0Ä°N FARKINDALIK ANALÄ°ZÄ°. Mehmet Akif Ersoy Ä°niversitesi Sosyal Bilimler Enstitüsü Dergisi, 0, 1, 7-25.	0.2	1
518	An analysis of the use of marketing 4.0 principles for managing customers relationships in microbreweries in the capital city of Prague. Potravinarstvo, 0, 14, 336-342.	0.5	0
519	Technology readiness : a precursor for Industry 4.0. Journal of Contemporary Management, 2020, 17, 129-149.	0.3	3
520	Industry 4.0: The Case-Study of a Global Supply Chain Company. Lecture Notes in Mechanical Engineering, 2022, , 483-498.	0.3	0
521	ItÄ°New Horizons in Application of PPP Mechanisms in Russia. Competitive Government, 2020, , 249-270.	0.2	1
522	The Relevance of Humans and Structure: Managerial and Organizational Challenges in Smart Factories. IFIP Advances in Information and Communication Technology, 2020, , 171-180.	0.5	0

#	ARTICLE	IF	CITATIONS
523	Development of digitalised maintenance "a concept. Journal of Quality in Maintenance Engineering, 2022, 28, 367-390.	1.0	12
524	Moda Virtual: acelera o processo de transformação digital devido à pandemia de COVID-19. , 0, , .		1
525	A disruptive M2M social paradigm for Industry 4.0. , 2020, , .		2
526	Virtual commissioning as part of the educational process. , 2020, , .		3
527	Proposal for requirements on industrial AI solutions. Technologien Für Die Intelligente Automation, 2021, , 63-72.	0.3	11
528	Determining manufacturing system changes based on new product specifications. Journal of Global Operations and Strategic Sourcing, 2021, 14, 590-607.	3.4	3
530	Analysis of Industrial Device Architectures for Real-Time Operations Under Denial of Service Attacks. Lecture Notes in Computer Science, 2020, , 462-478.	1.0	0
531	The Effects of Industry 4.0 on Labor Force Attributes and New Challenges. Advances in E-Business Research Series, 2020, , 431-454.	0.2	0
532	Mapeamento da produção científica da Indústria 4.0 no contexto dos BRICS: reflexões e interfaces. Cadernos EBAPE BR, 2019, 17, 1094-1114.	0.1	6
533	Industry 4.0 Score Prediction of Turkish SMEs via Data Classification. Lecture Notes in Mechanical Engineering, 2020, , 25-35.	0.3	2
534	Evaluation of OPC-UA communication in an autonomous advanced manufacturing cell implementation. Gestão & Produção, 2020, 27, .	0.5	5
535	Impact of the Industrial Revolution 4.0 for Citizens Learning at Non-formal Education Units. , 0, , .		0
536	Strategic Management in SMEs in Industry 4.0. Advances in Business Strategy and Competitive Advantage Book Series, 2020, , 205-227.	0.2	0
537	How Supply Chain Management Will Change in the Industry 4.0 Era?. Advances in Logistics, Operations, and Management Science Book Series, 2020, , 154-174.	0.3	0
538	Nation Character Building for Millennial Generation Based on Local Wisdom of Saminism. , 0, , .		0
539	Towards the Digitally-Enabled Multinational Inner Network (DEMIN). Gestão & Produção, 2020, 27, .	0.5	4
540	Intelligent manufacturing security model based on improved blockchain. Mathematical Biosciences and Engineering, 2020, 17, 5633-5650.	1.0	9
541	Schlussbetrachtung: Dienstleistungseinkauf 4.0?. , 2020, , 255-259.		0

#	ARTICLE	IF	CITATIONS
542	Industry 4.0 Privacy and Security Protocol Issues in Internet of Things. Advances in Computer and Electrical Engineering Book Series, 2020, , 193-217.	0.2	0
543	E-Commerce marketing strategies in industry 4.0. International Journal of Business Ecosystem and Strategy (2687-2293), 2020, 2, 30-41.	0.1	5
545	HSA-SPC: Hybrid Spectrum Access with Spectrum Prediction and Cooperation for Performance Enhancement of Multiuser Cognitive Radio Network. Computer Networks, 2022, 203, 108596.	3.2	2
546	MANUFATURA AVANÇADA. Revista Interface Tecnológica, 2021, 18, 593-605.	0.0	0
547	Functionality and Fault Modeling of a DC Motor with Verilog-AMS. , 2020, , .		2
548	Modern Business and Innovativeness. Advances in Logistics, Operations, and Management Science Book Series, 0, , 1-33.	0.3	0
550	Organizing for Industry 4.0. Lecture Notes in Information Systems and Organisation, 2022, , 1-20.	0.4	1
551	Smart Master Production Schedule for the Supply Chain: A Conceptual Framework. Computers, 2021, 10, 156.	2.1	9
552	Impact of IoT on Manufacturing Industry 4.0: A New Triangular Systematic Review. Sustainability, 2021, 13, 12506.	1.6	47
553	Risks and critical success factors in the internationalization of born global startups of industry 4.0: A social, environmental, economic, and institutional analysis. Technological Forecasting and Social Change, 2022, 175, 121346.	6.2	29
554	OHS-Related Risks in an Industry 4.0 Manufacturing Plant. , 2021, , 1-20.		0
557	How transitioning to Industry 4.0 promotes circular product lifetimes. Industrial Marketing Management, 2022, 101, 125-140.	3.7	34
558	A Cyber-Physical System for Hydrobatic AUVs: System Integration and Field Demonstration. , 2020, , .		7
559	Design of an Iteration-Reduced LDPC-CC Decoder Based on Compact Decoding Architecture. , 2020, , .		0
560	Analyzing the United Arab Emirates Manufacturing Sector and its Readiness for Industry 4.0. , 2020, , .		3
561	Weighting Factors Optimization for NB-LDPC Codes Based on Extended Min-Sum Algorithm. , 2020, , .		0
563	TGT-HC: A Time-Aware Shaper Scheduled Hyperchannel Protocol for Wireless Time Sensitive Networks (TSNs). , 2021, , .		0
564	Channel Measurements and Large Scale Parameter Estimation in a Production Hall. , 2021, , .		5

#	ARTICLE	IF	CITATIONS
565	Massive MU-MIMO Relaying IIoT Networks with Short-Packet: Timely Status Updates. , 2021, , .		0
566	Advanced technologies and international business: A multidisciplinary analysis of the literature. International Business Review, 2022, 31, 101967.	2.6	31
567	Design and testing of a digital twin for monitoring and quality assessment of material extrusion process. Additive Manufacturing, 2022, 51, 102633.	1.7	10
568	Industry 4.0, Internal Green Supply Chain Practices, and the Firm's Sustainable Performance. , 2022, , 1-14.		1
569	A Novel Implementation Framework of Digital Twins for Intelligent Manufacturing Based on Container Technology and Cloud Manufacturing Services. IEEE Transactions on Automation Science and Engineering, 2022, 19, 1614-1630.	3.4	13
570	Law, Socio-Legal Governance, the Internet of Things, and Industry 4.0: A Middle-Out/Inside-Out Approach. J, 2022, 5, 64-91.	0.6	4
571	A Comprehensive Survey on the Internet of Things with the Industrial Marketplace. Sensors, 2022, 22, 730.	2.1	48
572	Industry 4.0 and its geographies: A systematic literature review and the identification of new research avenues. Digital Geography and Society, 2022, 3, 100031.	1.4	10
573	Analysis of Cyber Security Features in Industry 4.0 Maturity Models. Lecture Notes in Computer Science, 2022, , 91-106.	1.0	0
574	A Survey of Physical Layer Techniques for Secure Wireless Communications in Industry. IEEE Communications Surveys and Tutorials, 2022, 24, 810-838.	24.8	43
576	Yacht Digital Design: Technologies toward a Computational Morphology System. , 0, , .		0
578	Readiness and Maturity of Smart and Sustainable Supply Chains: A Model Proposal. EMJ - Engineering Management Journal, 2023, 35, 181-206.	1.4	5
579	Inter-organizational social capital of firms in developing economies and industry 4.0 readiness: the role of innovative capability and absorptive capacity. Review of Managerial Science, 2023, 17, 661-682.	4.3	7
580	The interplay between industry 4.0 maturity of manufacturing processes and performance measurement and management in SMEs. International Journal of Productivity and Performance Management, 2022, 71, 1034-1058.	2.2	7
581	ENDĀœSTRĀ° 4.0â€™IN Ā°ĀžGĀœCĀœ PĀ°YASASINA ETKĀ°LERĀ°: TĀœRKĀ°YE Ā–RNEĀžĀ°. Uluslararası Anadolu Sosyal Bilimler Dergisi, 2022, 6, 476-489.	0.0	0
583	Production and maintenance in industries: impact of industry 4.0. Industrial Robot, 2022, 49, 461-475.	1.2	5
584	Research on Real-Time Monitoring and Performance Optimization of Suspension System in Maglev Train. Applied Sciences (Switzerland), 2021, 11, 11952.	1.3	0
585	Fordismo, pĀžs-fordismo e ciberfordismo: os (des)caminhos da IndĀ°stria 4.0. Cadernos EBAPE BR, 2021, 19, 1047-1058.	0.1	3

#	ARTICLE	IF	CITATIONS
586	Breaking Boundaries: Students' Motivation Toward Interdisciplinary Learning in Higher Education. , 2021, , .		1
587	A Systematic Review on Technologies and Industry 4.0 in the Forest Supply Chain: A Framework Identifying Challenges and Opportunities. Logistics, 2021, 5, 88.	2.4	14
589	Exploring applications of blockchain technology for Industry 4.0. Materials Today: Proceedings, 2022, 62, 7238-7242.	0.9	12
590	A Survey on the Deployment of Smart Factories in the Post-COVID-19 Era. Advances in Finance, Accounting, and Economics, 2022, , 132-152.	0.3	0
591	DÄ°JÄ°TALLEÄŽMEDE MOBÄ°L SAÄŽLIK Ä°ÄŽ MODELLERÄ°. Journal of Management Economics Literature Islamic and Political Sciences: JOMELIPS, 0, , .	0.0	0
592	Ontological Approach to Support the Horizontal and Vertical Information Integration in Smart Manufacturing Systems: An Experimental Case in a Long-Life Packaging Factory. , 2022, 2, .		1
593	Industry 4.0 and its suitability in Post COVID-19. Journal of Industrial Integration and Management, 0, , .	3.1	3
594	Organizing the fragmented landscape of multidisciplinary product development: a mapping of approaches, processes, methods and tools from the scientific literature. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2022, 33, 307-349.	1.2	4
595	Towards a Novel Software Framework for the Intuitive Generation of Process Flows for Multiple Robotic Systems. Procedia CIRP, 2022, 107, 137-142.	1.0	5
596	An investigation into the economic efficiency of different maintenance strategies based on a discrete event simulation. Procedia CIRP, 2022, 107, 428-433.	1.0	0
597	A Localization System for Autonomous Vehicles Based on TriLateration Tags. , 2022, , .		1
598	A Software Architecture to Control Service-Oriented Manufacturing Systems. , 2022, , .		5
599	High Efficiency Wireless-NOMA Solutions for Industry 4.0. , 2022, , .		0
600	Cyber Diversity Index for Sustainable Self-Control of Machines. Cybernetics and Systems, 0, , 1-27.	1.6	1
601	IMPACT OF DIGITAL BUSINESS MODELS ON INDUSTRIAL ENTERPRISES COMPETITIVENESS. , 2021, , 34-43.		0
602	Industrial Internet of Things: Requirements, Architecture, Challenges, and Future Research Directions. IEEE Access, 2022, 10, 66374-66400.	2.6	21
603	Sustainability in Industry 4.0 Business Practice: Insights From a Multinational Technology Company. Frontiers in Sustainability, 0, 3, .	1.3	1
604	Industry 4.0: What makes it a revolution? A historical framework to understand the phenomenon. Technology in Society, 2022, 70, 102009.	4.8	31

#	ARTICLE	IF	CITATIONS
605	Lean supply chain management and Industry 4.0 interrelationships: the status quo and future perspectives. <i>International Journal of Lean Six Sigma</i> , 2023, 14, 335-367.	2.4	9
606	GRMI4.0: a guide for representing and modeling Industry 4.0 business processes. <i>Business Process Management Journal</i> , 2022, 28, 1047-1070.	2.4	5
607	Emerging Smart Factory: Industry 4.0 and Manufacturing in India: The Next Wave. <i>Lecture Notes in Electrical Engineering</i> , 2023, , 353-363.	0.3	3
608	Enhancing IIoT networks protection: A robust security model for attack detection in Internet Industrial Control Systems. <i>Ad Hoc Networks</i> , 2022, 134, 102930.	3.4	17
609	A Hierarchical Modeling Approach to Improve Scheduling of Manufacturing Processes. , 2022, , .		2
610	Telemetry transformation towards industry 4.0 convergence - A fuel management solution for the transportation sector based on digital twins. <i>AIP Conference Proceedings</i> , 2022, , .	0.3	3
611	Reflections of Understanding Smart Industry. <i>Advanced Series in Management</i> , 2022, 28, 5-18.	0.8	0
612	Industry 4.0: The case-study of a Global Supply Chain Company. <i>Journal of Industrial Integration and Management</i> , 0, , .	3.1	2
613	Application of Artificial Immune Systems in Advanced Manufacturing. <i>Array</i> , 2022, 15, 100238.	2.5	4
614	Possible changes of Industry 4.0 in 2030 in the face of uberization: Results of a participatory and systemic foresight study. <i>Technological Forecasting and Social Change</i> , 2022, 184, 121962.	6.2	4
615	Open Innovation Laboratory to Foster Skills and Competencies in Higher Education. <i>Transactions on Computer Systems and Networks</i> , 2022, , 281-291.	0.5	3
616	The Road to Industry 4.0 and Beyond: A Communications-, Information-, and Operation Technology Collaboration Perspective. <i>IEEE Network</i> , 2022, 36, 157-164.	4.9	7
617	Improving 6TiSCH Reliability and Latency with Simultaneous Multi-Band Operation. , 2022, , .		0
618	Synergy between smart cities and industry 4.0 in public spaces: bibliometric analysis. <i>Procedia Computer Science</i> , 2022, 204, 775-783.	1.2	2
619	A Systematic Approach to Identify the Interdependencies of Lean Production and Industry 4.0 Elements. <i>Procedia CIRP</i> , 2022, 112, 85-90.	1.0	2
620	A Taxonomy for Levels of Automation based on the Industrial Revolutions. <i>IFAC-PapersOnLine</i> , 2022, 55, 368-373.	0.5	1
621	Investigation of the critical success factors in the implementation of the lean industry 4.0 in manufacturing supply chain: an ISM approach. <i>Management of Environmental Quality</i> , 2023, 34, 981-996.	2.2	6
622	Wastewater Treatment with Technical Intervention Inclination towards Smart Cities. <i>Sustainability</i> , 2022, 14, 11563.	1.6	9

#	ARTICLE	IF	CITATIONS
623	Detection of Awareness Level and Priorities in Industry 4.0 Transition Process of SMEs in Sanliurfa Province. International Journal of Advances in Engineering and Pure Sciences, 2022, 34, 434-444.	0.2	2
624	Application of lockout/tagout procedures in production systems of Industry 4.0. Journal of KONBiN, 2022, 52, 137-148.	0.1	1
625	Towards achieving a high degree of situational awareness and multimodal interaction with AR and semantic AI in industrial applications. Multimedia Tools and Applications, 2023, 82, 15875-15901.	2.6	3
626	Fourth industrial revolution (4IR): librarians' perceptions encompass the art of thinking skill. Library Management, 2022, 43, 521-535.	0.6	2
627	Towards developing a national framework for industry 4.0 in African emerging economies. African Journal of Science, Technology, Innovation and Development, 2023, 15, 496-513.	0.8	4
628	Real-time monitoring solution with vibration analysis for industry 4.0 ventilation systems. Journal of Supercomputing, 0, , .	2.4	1
629	OHS-Related Risks in an Industry 4.0 Manufacturing Plant. , 2022, , 237-256.		0
630	Sustainable Development and Industry 4.0. , 2022, , 2789-2812.		0
631	Digital Business Models in the Manufacturing Sector. Springer Proceedings in Business and Economics, 2022, , 167-177.	0.3	0
632	The Challenges of Coupling Digital-Twins with Multiple Classes of Faults. , 2022, , .		1
633	Industry 4.0 and Lean Six Sigma Integration: A Systematic Review of Barriers and Enablers. Applied Sciences (Switzerland), 2022, 12, 11321.	1.3	8
634	UM ESTUDO DO AVANÇADO DA INDÚSTRIA 4.0 E OS DESAFIOS LOGÍSTICOS DO POLO INDUSTRIAL DE MANAUS. Revista Foco, 2022, 15, e0468.	0.1	1
635	Adoption of Industry 4.0 technologies: an analysis of small and medium-sized companies in the state of São Paulo, Brazil. Gestão & Produção, 0, 29, .	0.5	0
636	Evaluation of industrial automation acceptance model for manufacturing sector towards adoption of industry 4.0. AIP Conference Proceedings, 2022, , .	0.3	0
637	Knowledge management and Industry 4.0: a critical analysis and future agenda. Gestão & Produção, 0, 29, .	0.5	10
638	Operation and maintenance optimization of offshore wind farms based on digital twin: A review. Ocean Engineering, 2023, 268, 113322.	1.9	16
639	The Energy 4.0 Concept and Its Relationship with the S3 Framework. Lecture Notes in Computer Science, 2022, , 215-227.	1.0	2
640	Mapping Sustainability 4.0: contributions and limits of the symbiosis. GeSec, 2022, 13, 1426-1438.	0.1	21

#	ARTICLE	IF	CITATIONS
641	Construction 4.0 technologies in a developing economy: awareness, adoption readiness and challenges. <i>Frontiers in Engineering and Built Environment</i> , 2023, 3, 108-121.	0.7	6
642	Improved GRU prediction of paper pulp press variables using different pre-processing methods. <i>Production and Manufacturing Research</i> , 2023, 11, .	0.9	1
643	Driving Industrial Digital Transformation. <i>Journal of Computer Information Systems</i> , 0, , 1-17.	2.0	1
644	Technology Convergence in the Energy Sector. , 2023, , 581-597.		0
645	The Role of Renewable Energy Sources and Industry 4.0 Focus for Africa: A Review. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 1074.	1.3	9
646	What does Industry 4.0 mean to Industrial Engineering Education?. <i>Procedia Computer Science</i> , 2023, 217, 876-885.	1.2	6
647	Decision Support for Flexible Manufacturing Systems: Application of the Cognitive Systems Engineering and Ecological Interface Design Approach. <i>Journal of Cognitive Engineering and Decision Making</i> , 2023, 17, 99-119.	0.9	2
648	Power Delay Profile investigation in Industrial Indoor Environments at the 24 GHz ISM band. , 2022, , .		0
649	Kubernetes Orchestration of High Availability Distributed Control Systems. , 2022, , .		8
650	Is Tour Guiding Possible in Metaverse?. <i>International Journal of Turkic World Tourism Studies</i> , 0, , .	0.3	0
651	Software-Defined Time Sensitive Networks (SD-TSN) for Industrial Automation. , 2022, , .		1
652	Low-Cost UWB Based Real-Time Locating System: Development, Lab Test, Industrial Implementation and Economic Assessment. <i>Sensors</i> , 2023, 23, 1124.	2.1	4
653	Development of an integrated information system for the manufacturing of Titanium hybrid fully-custom prostheses. <i>Procedia Computer Science</i> , 2023, 217, 1200-1208.	1.2	0
654	Software framework concept with visual programming and digital twin for intuitive process creation with multiple robotic systems. <i>Robotics and Computer-Integrated Manufacturing</i> , 2023, 82, 102536.	6.1	6
655	ANALYZING THE FINANCIAL PERFORMANCE OF AUTOMOTIVE COMPANIES BEFORE AND AFTER INDUSTRY 4.0: AN APPLICATION IN THE BIST SUSTAINABILITY INDEX. Mehmet Akif Ersoy Üniversitesi İktisadi Ve İdari Bilimler Fakültesi Dergisi, 0, , .	0.2	0
656	Industry 4.0 innovations and their implications: An evaluation from sustainable development perspective. <i>Journal of Cleaner Production</i> , 2023, 405, 137006.	4.6	18
657	An Overview of Brazilian Companies on the Adoption of Industry 4.0 Practices. <i>Communications in Computer and Information Science</i> , 2022, , 15-27.	0.4	0
658	Role of sensors in the paradigm of industry 4.0 and IIoT. <i>Telfor Journal</i> , 2022, 14, 91-97.	0.7	0

#	ARTICLE	IF	CITATIONS
659	Humanizing the Fourth Industry Revolution in Sustainable Supply Chain Management. , 2022, , 354-363.		1
660	Data Mining and Augmented Reality: An Application to the Fashion Industry. Applied Sciences (Switzerland), 2023, 13, 2317.	1.3	3
661	A Current-Limiting Scheme for Voltage-Controlled Inverter Using Instantaneous Current to Generate Virtual Impedance. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2023, 13, 524-535.	2.7	3
662	Artificial Intelligence, Technological Change, and the Future of Capitalism. , 2023, , 197-210.		0
663	Implementation of Augmented Reality in Smart Engineering Manufacturing: Literature Review. Mobile Networks and Applications, 0, , .	2.2	1
664	Challenges of Adapting to the Fourth Industrial Revolution in Emerging Economies: A Bangladesh CASE. , 2023, , 21-32.		0
665	AI and Robotics Leading Industry 4.0. , 2022, , .		0
666	Reference Architectures for Industry 4.0. , 2023, , 151-179.		0
667	Industry 4.0. , 2023, , 67-81.		0
668	Case Study of Intralogistics in The Framework of Logistics 4.0. International Journal of Automotive Science and Technology, 2023, 7, 18-24.	0.5	1
669	Agri-4-All: A Framework for Blockchain Based Agricultural Food Supply Chains in the Era of Fourth Industrial Revolution. IEEE Access, 2023, 11, 29851-29867.	2.6	7
670	Design of deep learning models for the identifications of harmful attack activities in IIOT. , 2023, , .		0
671	Benefits and Limitations of Artificial Neural Networks in Process Chromatography Design and Operation. Processes, 2023, 11, 1115.	1.3	6
672	Development of a New Monitoring Method for Rotating Machines Based on Maintenance 4.0â€™ A Case Study of Unbalance and Misalignment. Lecture Notes in Electrical Engineering, 2023, , 795-803.	0.3	0
673	An Industry 4.0 Technology Selection Framework for Manufacturing Systems and Firms Using Fuzzy AHP and Fuzzy TOPSIS Methods. Systems, 2023, 11, 192.	1.2	0
674	KOBÄ°â€™lerin EndÄ¼stri 4.0 HazÄ±rlÄ±k Durumu: Devrimin Aktif KatÄ±lÄ±mlarÄ± mÄ± Yoksa Sessiz Ä°zleyicileri mi?. Sosyoekonomi, 0, , 279-298.	0.2	0
680	60 GHz mmWave Signal Propagation Characterization in Workshop and Steel Industry. , 2023, , .		1
681	Key Technologies And Critical Success Factors Of Industry 4.0 For The Sri Lankan Apparel Manufacturing Sector: A Systematic Literature Review. , 2023, , .		1

#	ARTICLE	IF	CITATIONS
686	Agent-Based Control System for SMEs' Industry 4.0 Adoption with Lean Six Sigma Framework. , 2023, , 1-102.		0
690	Systematic Mapping of the Literature on the Conceptual Modeling of Industry 4.0. Communications in Computer and Information Science, 2023, , 227-240.	0.4	0
695	Industry 4.0 Implementation in Sri Lankan Manufacturing Firms: A Lean Perspective. , 2023, , .		0
696	Critical Success Factors Affecting the Successful Implementation of Industry 4.0 in The Sri Lankan Apparel Manufacturing Industry. , 2023, , .		0
697	The Impact of Industry 4.0 on Supply Chain Integration in Apparel Sector, Sri Lanka. , 2023, , .		0
701	Towards an Implementation of Simulation Based Digital Twins in Cyber-Physical Production Systems Environments. , 2023, , .		0
702	Digital Transformation and Management of VUCA-RR Environments in Perspective of Industry 5.0. , 2023, , 11-24.		0
703	The Impact of 4IR Technologies on Venture Creation and Technology Commercialisation: Insights and Exemplars from an Emerging Economy Context. , 2023, , 149-178.		0
705	The Evolution of Manufacturing: A Comprehensive Analysis of Industry 4.0 and Its Frameworks. , 2023, , 269-287.		0
707	Industry 4.0 Business-Oriented Blockchain Design Decision Tree. Lecture Notes in Networks and Systems, 2023, , 113-123.	0.5	0
709	Data-driven prognostics and health management (PHM) for predictive maintenance of industrial components and systems. , 2024, , 113-137.		0
716	Fourth Industrial Revolution and Firms'™ Digitalization. CSR, Sustainability, Ethics & Governance, 2023, , 23-43.	0.2	0
717	Virtual metrology for enabling zero-defect manufacturing: a review and prospects. International Journal of Advanced Manufacturing Technology, 2024, 130, 3211-3227.	1.5	0
727	A review on digital manufacturing systems. AIP Conference Proceedings, 2024, , .	0.3	0