

Lihui Wang

List of Publications by Year in descending order

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493
papers

18,358
citations

13865

67
h-index

19190

118
g-index

531
all docs

531
docs citations

531
times ranked

9602
citing authors

#	ARTICLE	IF	CITATIONS
1	Internet of things (IoT) and big data analytics (BDA) for digital manufacturing (DM). International Journal of Production Research, 2023, 61, 4004-4021.	7.5	37
2	Flexible Resource Scheduling for Software-Defined Cloud Manufacturing with Edge Computing. Engineering, 2023, 22, 60-70.	6.7	11
3	Function block-enabled operation planning and machine control in Cloud-DPP. International Journal of Production Research, 2023, 61, 1168-1184.	7.5	1
4	Enabling industrial internet of things-based digital servitization in smart production logistics. International Journal of Production Research, 2023, 61, 3884-3909.	7.5	10
5	Toward Proactive Human-Robot Collaborative Assembly: A Multimodal Transfer-Learning-Enabled Action Prediction Approach. IEEE Transactions on Industrial Electronics, 2022, 69, 8579-8588.	7.9	42
6	A Review on Recent Advances in Vision-based Defect Recognition towards Industrial Intelligence. Journal of Manufacturing Systems, 2022, 62, 753-766.	13.9	67
7	Optimal shape morphing control of 4D printed shape memory polymer based on reinforcement learning. Robotics and Computer-Integrated Manufacturing, 2022, 73, 102209.	9.9	17
8	Velocity effect sensitivity analysis of ball-end milling Ti-6Al-4V. International Journal of Advanced Manufacturing Technology, 2022, 118, 3963-3982.	3.0	4
9	Wear behavior of tool flank in the side milling of Ti6Al4V: An analytical model and experimental validation. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 1631-1644.	2.1	2
10	A futuristic perspective on human-centric assembly. Journal of Manufacturing Systems, 2022, 62, 199-201.	13.9	57
11	Assessing the influence of expert video aid on assembly learning curves. Journal of Manufacturing Systems, 2022, 62, 263-269.	13.9	2
12	Surface roughness prediction method of titanium alloy milling based on CDH platform. International Journal of Advanced Manufacturing Technology, 2022, 119, 7145-7157.	3.0	3
13	Blockchain-enabled product lifecycle management. , 2022, , 349-379.		2
14	Outlook on human-centric manufacturing towards Industry 5.0. Journal of Manufacturing Systems, 2022, 62, 612-627.	13.9	185
15	Logistics-involved service composition in a dynamic cloud manufacturing environment: A DDPG-based approach. Robotics and Computer-Integrated Manufacturing, 2022, 76, 102323.	9.9	22
16	Open-Digital-Industrial and Networking pilot lines using modular components for scalable production - ODIN project approach. Procedia CIRP, 2022, 106, 162-167.	1.9	0
17	A Cognitive Digital Twins Framework for Human-Robot Collaboration. Procedia Computer Science, 2022, 200, 1867-1874.	2.0	11
18	Hydrogel Polyester Scaffolds via Direct-Ink-Writing of Ad Hoc Designed Photocurable Macromonomer. Polymers, 2022, 14, 711.	4.5	2

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19	Improved Iterative Closest Contour Point Matching Navigation Algorithm Based on Geomagnetic Vector. <i>Electronics (Switzerland)</i> , 2022, 11, 796.	3.1	3
20	The Existence of Autonomous Chaos in EDM Process. <i>Machines</i> , 2022, 10, 252.	2.2	1
21	A subsequent-machining-deformation prediction method based on the latent field estimation using deformation force. <i>Journal of Manufacturing Systems</i> , 2022, 63, 224-237.	13.9	6
22	Systematic review on tool breakage monitoring techniques in machining operations. <i>International Journal of Machine Tools and Manufacture</i> , 2022, 176, 103882.	13.4	57
23	Belief in control: Voluntary choice enhances subsequent task performance under undefeated choice-outcome causation. <i>Cognition</i> , 2022, 225, 105108.	2.2	3
24	Cloud-edge-device collaboration mechanisms of deep learning models for smart robots in mass personalization. <i>Robotics and Computer-Integrated Manufacturing</i> , 2022, 77, 102351.	9.9	24
25	The sliding mode controller with improved reaching law for harvesting robots. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2022, 104, 1.	3.4	7
26	Development of a 3D Printed Multi-Axial Force Sensor. <i>Advances in Transdisciplinary Engineering</i> , 2022, , .	0.1	0
27	A zero-shot prediction method based on causal inference under non-stationary manufacturing environments for complex manufacturing systems. <i>Robotics and Computer-Integrated Manufacturing</i> , 2022, 77, 102356.	9.9	8
28	Robot learning towards smart robotic manufacturing: A review. <i>Robotics and Computer-Integrated Manufacturing</i> , 2022, 77, 102360.	9.9	52
29	A visual reasoning-based approach for mutual-cognitive human-robot collaboration. <i>CIRP Annals - Manufacturing Technology</i> , 2022, 71, 377-380.	3.6	35
30	Customized protective visors enabled by closed loop controlled 4D printing. <i>Scientific Reports</i> , 2022, 12, 7566.	3.3	8
31	Toward human-centric smart manufacturing: A human-cyber-physical systems (HCPS) perspective. <i>Journal of Manufacturing Systems</i> , 2022, 63, 471-490.	13.9	100
32	Dynamic Scene Graph for Mutual-Cognition Generation in Proactive Human-Robot Collaboration. <i>Procedia CIRP</i> , 2022, 107, 943-948.	1.9	9
33	A vision-based human-robot collaborative system for digital twin. <i>Procedia CIRP</i> , 2022, 107, 552-557.	1.9	10
34	Digital twin-enabled advance execution for human-robot collaborative assembly. <i>CIRP Annals - Manufacturing Technology</i> , 2022, 71, 25-28.	3.6	31
35	Cloud-edge-device Collaboration Mechanisms of Cloud Manufacturing for Customized and Personalized Products. , 2022, , .		1
36	LM-CNN: A Cloud-Edge Collaborative Method for Adaptive Fault Diagnosis With Label Sampling Space Enlarging. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 9057-9067.	11.3	12

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37	Toward cognitive predictive maintenance: A survey of graph-based approaches. Journal of Manufacturing Systems, 2022, 64, 107-120.	13.9	49
38	Training Beam Sequence Design for mmWave Tracking Systems With and Without Environmental Knowledge. IEEE Transactions on Wireless Communications, 2022, 21, 10780-10795.	9.2	2
39	Online reinforcement learning for the shape morphing adaptive control of 4D printed shape memory polymer. Control Engineering Practice, 2022, 126, 105257.	5.5	5
40	Systematic literature review on augmented reality in smart manufacturing: Collaboration between human and computational intelligence. Journal of Manufacturing Systems, 2021, 61, 696-711.	13.9	103
41	Feedback Control for the Precise Shape Morphing of 4D-Printed Shape Memory Polymer. IEEE Transactions on Industrial Electronics, 2021, 68, 12698-12707.	7.9	3
42	Logistics-involved QoS-aware service composition in cloud manufacturing with deep reinforcement learning. Robotics and Computer-Integrated Manufacturing, 2021, 67, 101991.	9.9	80
43	Collision-free human-robot collaboration based on context awareness. Robotics and Computer-Integrated Manufacturing, 2021, 67, 101997.	9.9	84
44	Safety assurance mechanisms of collaborative robotic systems in manufacturing. Robotics and Computer-Integrated Manufacturing, 2021, 67, 102022.	9.9	110
45	A machining accuracy informed adaptive positioning method for finish machining of assembly interfaces of large-scale aircraft components. Robotics and Computer-Integrated Manufacturing, 2021, 67, 102021.	9.9	16
46	Transforming Hong Kong's warehousing industry with a novel business model: A game-theory analysis. Robotics and Computer-Integrated Manufacturing, 2021, 68, 102073.	9.9	9
47	Visual Inspection of Welding Zone by Boundary-Aware Semantic Segmentation Algorithm. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	5
48	Auction-based cloud service allocation and sharing for logistics product service system. Journal of Cleaner Production, 2021, 278, 123881.	9.3	16
49	Enabling technologies and tools for digital twin. Journal of Manufacturing Systems, 2021, 58, 3-21.	13.9	611
50	Intelligent Human-Robot Assembly Enabled by Brain EEG. , 2021, , 351-371.		0
51	Human-Robot Collaboration in Manufacturing: A Multi-agent View. , 2021, , 3-41.		10
52	Electronic module assembly. CIRP Annals - Manufacturing Technology, 2021, 70, 471-493.	3.6	8
53	Reward makes the rhythmic sampling of spatial attention emerge earlier. Attention, Perception, and Psychophysics, 2021, 83, 1522-1537.	1.3	6
54	Sensorless haptic control for human-robot collaborative assembly. CIRP Journal of Manufacturing Science and Technology, 2021, 32, 132-144.	4.5	32

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55	Human Motion Recognition and Prediction for Robot Control. , 2021, , 261-282.		1
56	Sensorless Haptic Control for Physical Human-Robot Interaction. , 2021, , 319-350.		0
57	Safety Strategy and Framework for Human-Robot Collaboration. , 2021, , 69-87.		2
58	Machine learning algorithms benchmarking for real-time fault predictable scheduling on a shop floor. International Journal of Manufacturing Research, 2021, 16, 1.	0.2	0
59	Function block-based human-robot collaborative assembly driven by brainwaves. CIRP Annals - Manufacturing Technology, 2021, 70, 5-8.	3.6	18
60	Uniformity, Periodicity and Symmetry Characteristics of Forces Fluctuation in Helical-Edge Milling Cutter. Applied Sciences (Switzerland), 2021, 11, 2693.	2.5	0
61	Function Block-Based Multimodal Control for Symbiotic Human-Robot Collaborative Assembly. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2021, 143, .	2.2	13
62	Feature extraction of milling chatter based on optimized variational mode decomposition and multi-scale permutation entropy. International Journal of Advanced Manufacturing Technology, 2021, 114, 2849-2862.	3.0	29
63	Extended depth-of-field projection method using a high-speed projector with a synchronized oscillating variable-focus lens. Applied Optics, 2021, 60, 3917.	1.8	16
64	Vibration fault features of planetary gear train with cracks under time-varying flexible transfer functions. Mechanism and Machine Theory, 2021, 158, 104237.	4.5	31
65	Humans Are Not Machines—Anthropocentric Human-Machine Symbiosis for Ultra-Flexible Smart Manufacturing. Engineering, 2021, 7, 734-737.	6.7	35
66	Robotic Grasping Training Using Deep Reinforcement Learning With Policy Guidance Mechanism. , 2021, , .		3
67	Task-level decision-making for dynamic and stochastic human-robot collaboration based on dual agents deep reinforcement learning. International Journal of Advanced Manufacturing Technology, 2021, 115, 3533-3552.	3.0	16
68	Gaze Estimation via a Differential Eyes™ Appearances Network with a Reference Grid. Engineering, 2021, 7, 777-786.	6.7	11
69	Energy Efficient Multi-Robotic 3D Printing for Large-Scale Construction – Framework, Challenges, and a Systematic Approach. , 2021, , .		1
70	Digital twin enhanced fault prediction for the autoclave with insufficient data. Journal of Manufacturing Systems, 2021, 60, 350-359.	13.9	41
71	Reward facilitates response conflict resolution via global motor inhibition: Electromyography evidence. Psychophysiology, 2021, 58, e13896.	2.4	1
72	Towards online reinforced learning of assembly sequence planning with interactive guidance systems for industry 4.0 adaptive manufacturing. Journal of Manufacturing Systems, 2021, 60, 22-34.	13.9	25

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73	A literature survey of the robotic technologies during the COVID-19 pandemic. Journal of Manufacturing Systems, 2021, 60, 823-836.	13.9	152
74	Towards proactive human-robot collaboration: A foreseeable cognitive manufacturing paradigm. Journal of Manufacturing Systems, 2021, 60, 547-552.	13.9	87
75	Smart and resilient manufacturing in the wake of COVID-19. Journal of Manufacturing Systems, 2021, 60, 707-708.	13.9	5
76	Sensorless force estimation for industrial robots using disturbance observer and neural learning of friction approximation. Robotics and Computer-Integrated Manufacturing, 2021, 71, 102168.	9.9	43
77	A data-driven approach for tool wear recognition and quantitative prediction based on radar map feature fusion. Measurement: Journal of the International Measurement Confederation, 2021, 185, 110072.	5.0	28
78	Latest Developments of Gesture Recognition for Human-Robot Collaboration. , 2021, , 43-68.		2
79	Future Research Directions on Human-Robot Collaboration. , 2021, , 439-448.		1
80	Augmented Reality Enabled Human-Robot Collaboration. , 2021, , 395-411.		4
81	Robust optimization of information flows in global production networks using multi-method simulation and surrogate modelling. CIRP Journal of Manufacturing Science and Technology, 2021, 32, 491-506.	4.5	4
82	A Data-Driven Machining Error Analysis Method for Finish Machining of Assembly Interfaces of Large-Scale Components. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2021, 143, .	2.2	7
83	A soft quadruped robot enabled by continuum actuators. , 2021, , .		3
84	Perceptual Learning of Object Recognition in Simulated Retinal Implant Perception - The Effect of Video Training. Translational Vision Science and Technology, 2021, 10, 22.	2.2	3
85	Industry 4.0 and Industry 5.0-Inception, conception and perception. Journal of Manufacturing Systems, 2021, 61, 530-535.	13.9	686
86	Robust optical axis control of monocular active gazing based on pan-tilt mirrors for high dynamic targets. Optics Express, 2021, 29, 40214.	3.4	4
87	A machine learning-based image processing approach for robotic assembly system. Procedia CIRP, 2021, 104, 906-911.	1.9	4
88	Transfer Learning-enabled Action Recognition for Human-robot Collaborative Assembly. Procedia CIRP, 2021, 104, 1795-1800.	1.9	19
89	Leveraging multimodal data for intuitive robot control towards human-robot collaborative assembly. Procedia CIRP, 2021, 104, 206-211.	1.9	5
90	Digital Twin-Based Services for Smart Production Logistics. , 2021, , .		4

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91	Whole-body collision avoidance control design using quadratic programming with strict and soft task priorities. <i>Robotics and Computer-Integrated Manufacturing</i> , 2020, 62, 101882.	9.9	5
92	Remote human-robot collaboration: A cyber-physical system application for hazard manufacturing environment. <i>Journal of Manufacturing Systems</i> , 2020, 54, 24-34.	13.9	89
93	Symbiotic human-robot collaborative approach for increased productivity and enhanced safety in the aerospace manufacturing industry. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 106, 851-863.	3.0	43
94	Symbiotic human-robot collaboration: multimodal control using function blocks. <i>Procedia CIRP</i> , 2020, 93, 1188-1193.	1.9	21
95	Procedural knowledge and function blocks for smart process planning. <i>Procedia Manufacturing</i> , 2020, 48, 1079-1087.	1.9	6
96	Special Issue of <i>Journal of Manufacturing Systems</i> on New Trends in Manufacturing Systems Research 2020. <i>Procedia Manufacturing</i> , 2020, 48, 7-8.	1.9	0
97	A Human-Robot Collaboration System towards High Accuracy. <i>Procedia CIRP</i> , 2020, 93, 1085-1090.	1.9	5
98	Advanced Human-Robot Collaborative Assembly Using Electroencephalogram Signals of Human Brains. <i>Procedia CIRP</i> , 2020, 93, 1200-1205.	1.9	12
99	Software-defined Cloud Manufacturing with Edge Computing for Industry 4.0. , 2020, , .		12
100	Artificial Intelligence Control in 4D Cylindrical Space for Industrial Robotic Applications. <i>IEEE Access</i> , 2020, 8, 174833-174844.	4.2	6
101	An iteration-based algorithm for two-pass flute grinding of slide round milling tools. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 111, 2533-2543.	3.0	6
102	Design and closed loop control of a 3D printed soft actuator. , 2020, , .		9
103	A Permissioned Blockchain Based Feature Management System for Assembly Devices. <i>IEEE Access</i> , 2020, 8, 183378-183390.	4.2	2
104	Modeling of Convex Surface Topography in Milling Process. <i>Metals</i> , 2020, 10, 1218.	2.3	4
105	A review on cutting tool technology in machining of Ni-based superalloys. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 110, 2863-2879.	3.0	35
106	Path Tracking Control for Autonomous Harvesting Robots Based on Improved Double Arc Path Planning Algorithm. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2020, 100, 899-909.	3.4	8
107	Research on Tool Wear Based on 3D FEM Simulation for Milling Process. <i>Journal of Manufacturing and Materials Processing</i> , 2020, 4, 121.	2.2	7
108	Closed-loop augmented reality towards accurate human-robot collaboration. <i>CIRP Annals - Manufacturing Technology</i> , 2020, 69, 425-428.	3.6	23

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109	Service agent networks in cloud manufacturing: Modeling and evaluation based on set-pair analysis. <i>Robotics and Computer-Integrated Manufacturing</i> , 2020, 65, 101970.	9.9	14
110	Recurrent neural network for motion trajectory prediction in human-robot collaborative assembly. <i>CIRP Annals - Manufacturing Technology</i> , 2020, 69, 9-12.	3.6	94
111	Big data analytics for smart factories of the future. <i>CIRP Annals - Manufacturing Technology</i> , 2020, 69, 668-692.	3.6	101
112	Establishment of micropit diameter prediction models based on the support vector machine optimization. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2020, 234, 2417-2431.	2.1	1
113	Towards IoT-enabled dynamic service optimal selection in multiple manufacturing clouds. <i>Journal of Manufacturing Systems</i> , 2020, 56, 213-226.	13.9	30
114	New trends in Manufacturing Systems Research 2020. <i>Journal of Manufacturing Systems</i> , 2020, 56, 585-586.	13.9	6
115	Special Issue of Journal of Manufacturing Processes on New Trends in Manufacturing Processes Research 2020. <i>Procedia Manufacturing</i> , 2020, 48, 9-10.	1.9	0
116	Smart manufacturing process and system automation – A critical review of the standards and envisioned scenarios. <i>Journal of Manufacturing Systems</i> , 2020, 56, 312-325.	13.9	259
117	Linking Emergence to the Complex Product System. <i>IEEE Access</i> , 2020, 8, 34286-34298.	4.2	1
118	Big Data Driven Edge-Cloud Collaboration Architecture for Cloud Manufacturing: A Software Defined Perspective. <i>IEEE Access</i> , 2020, 8, 45938-45950.	4.2	56
119	Analytical Prediction of Residual Stress in the Machined Surface during Milling. <i>Metals</i> , 2020, 10, 498.	2.3	13
120	New Trends in Manufacturing Processes Research 2020. <i>Journal of Manufacturing Processes</i> , 2020, 56, 1243-1244.	5.9	1
121	A compensation method for wheel wear in solid cutting tool groove grinding based on iteration algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 107, 3389-3399.	3.0	9
122	Overview of Human-Robot Collaboration in Manufacturing. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 15-58.	0.4	58
123	Function block-based closed-loop adaptive machining for assembly interfaces of large-scale aircraft components. <i>Robotics and Computer-Integrated Manufacturing</i> , 2020, 66, 101994.	9.9	19
124	Study on Efficient Fused Deposition Modelling of Thermoplastic Polyurethane Inflatable Wall Features for Airtightness. <i>Advances in Transdisciplinary Engineering</i> , 2020, , .	0.1	3
125	A Flexible 4D Printing Service Platform for Smart Manufacturing. <i>Advances in Transdisciplinary Engineering</i> , 2020, , .	0.1	1
126	A study for accelerating the speed of all-in-focus image processing. , 2020, , .		0

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127	An extended depth-of-field projection method using a high-speed projector with a synchronized oscillating variable focus lens. , 2020, , .		4
128	Service Composition in Cloud Manufacturing: A DQN-Based Approach. Profiles in Operations Research, 2020, , 239-254.	0.4	3
129	Collaboration of Smart Device in Cloud Manufacturing: A Case of Active Recommendation Model Based on Service Agent. Advances in Transdisciplinary Engineering, 2020, , .	0.1	0
130	Complex-Network-Based Cyber-Physical Production Systems Subject to Cascading Failures. Advances in Transdisciplinary Engineering, 2020, , .	0.1	1
131	Advancing Assembly Through Human-Robot Collaboration: Framework and Implementation. , 2020, , 111-126.		2
132	A Framework of Data-Driven Dynamic Optimisation for Smart Production Logistics. IFIP Advances in Information and Communication Technology, 2020, , 213-221.	0.7	4
133	A Framework for Industrial Robot Training in Cloud Manufacturing With Deep Reinforcement Learning. , 2020, , .		1
134	Safety Strategy in the Smart Manufacturing System: A Human Robot Collaboration Case Study. , 2020, , .		1
135	A big data analytics based machining optimisation approach. Journal of Intelligent Manufacturing, 2019, 30, 1483-1495.	7.3	41
136	Research on coordinated development between metropolitan economy and logistics using big data and Haken model. International Journal of Production Research, 2019, 57, 1176-1189.	7.5	22
137	Digital twin-based WEEE recycling, recovery and remanufacturing in the background of Industry 4.0. International Journal of Production Research, 2019, 57, 3892-3902.	7.5	182
138	Online Video Object Segmentation via Boundary-Constrained Low-Rank Sparse Representation. IEEE Access, 2019, 7, 53520-53533.	4.2	1
139	Cloud manufacturing: key issues and future perspectives. International Journal of Computer Integrated Manufacturing, 2019, 32, 858-874.	4.6	71
140	Sustainable cybernetic manufacturing. International Journal of Production Research, 2019, 57, 3799-3801.	7.5	4
141	From Intelligence Science to Intelligent Manufacturing. Engineering, 2019, 5, 615-618.	6.7	81
142	Dynamic Response of Elastomer-Based Liquid-Filled Variable Focus Lens. Sensors, 2019, 19, 4624.	3.8	14
143	A machine learning based energy efficient trajectory planning approach for industrial robots. Procedia CIRP, 2019, 81, 429-434.	1.9	32
144	Iteration-based error compensation for a worn grinding wheel in solid cutting tool flute grinding. Procedia Manufacturing, 2019, 34, 161-167.	1.9	11

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145	Symbiotic human-robot collaborative assembly. <i>CIRP Annals - Manufacturing Technology</i> , 2019, 68, 701-726.	3.6	322
146	Global production networks: Design and operation. <i>CIRP Annals - Manufacturing Technology</i> , 2019, 68, 823-841.	3.6	156
147	Digital Twins and Cyber-Physical Systems toward Smart Manufacturing and Industry 4.0: Correlation and Comparison. <i>Engineering</i> , 2019, 5, 653-661.	6.7	637
148	Eddy Current-Based Vibration Suppression for Finish Machining of Assembly Interfaces of Large Aircraft Vertical Tail. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2019, 141, .	2.2	18
149	Transient Temperature Field Model of Wear Land on the Flank of End Mills: A Focus on Time-Varying Heat Intensity and Time-Varying Heat Distribution Ratio. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1698.	2.5	3
150	Cutting energy consumption modelling for prismatic machining features. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 1657-1667.	3.0	12
151	Static and dynamic optimization of a pose adjusting mechanism considering parameter changes during construction. <i>Robotics and Computer-Integrated Manufacturing</i> , 2019, 59, 267-277.	9.9	14
152	Elastodynamic modeling and parameter sensitivity analysis of a parallel manipulator with articulated traveling plate. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 102, 1583-1599.	3.0	13
153	Industrial robotic machining: a review. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 1239-1255.	3.0	208
154	Editorial: 38th anniversary for <i>Journal of Manufacturing Systems</i> . <i>Journal of Manufacturing Systems</i> , 2019, 51, 132.	13.9	0
155	A framework for scheduling in cloud manufacturing with deep reinforcement learning. , 2019, , .		5
156	A multi-agent architecture for scheduling in platform-based smart manufacturing systems. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2019, 20, 1465-1492.	2.6	32
157	Software-defined Cloud Manufacturing in the Context of Industry 4.0. , 2019, , .		4
158	Individual face- and house-related eye movement patterns distinctively activate FFA and PPA. <i>Nature Communications</i> , 2019, 10, 5532.	12.8	8
159	An "Internet of Things" enabled dynamic optimization method for smart vehicles and logistics tasks. <i>Journal of Cleaner Production</i> , 2019, 215, 806-820.	9.3	99
160	A review of chatter vibration research in milling. <i>Chinese Journal of Aeronautics</i> , 2019, 32, 215-242.	5.3	197
161	Neural Dynamics of Reward-Induced Response Activation and Inhibition. <i>Cerebral Cortex</i> , 2019, 29, 3961-3976.	2.9	14
162	Feature-based function block control framework for manufacturing equipment in cloud environments. <i>International Journal of Production Research</i> , 2019, 57, 3954-3974.	7.5	6

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163	Scheduling in cloud manufacturing: state-of-the-art and research challenges. International Journal of Production Research, 2019, 57, 4854-4879.	7.5	182
164	Dynamic focal tracker display. , 2019, , .		3
165	A Semantic Information Services Framework for Sustainable WEEE Management Toward Cloud-Based Remanufacturing. , 2019, , 235-257.		1
166	Solar energy-actuated back and forth optical mechanism. Applied Optics, 2019, 58, E7.	1.8	1
167	Robots in the Industrial Internet: A Cloud-Based Approach Based on Gateways. , 2019, , .		0
168	Overview of Manufacturing. , 2019, , 1-16.		1
169	Manufacturing Systems. , 2019, , 609-708.		0
170	The "Internet of Things"™ enabled real-time scheduling for remanufacturing of automobile engines. Journal of Cleaner Production, 2018, 185, 562-575.	9.3	90
171	Imbalanced data fault diagnosis of rotating machinery using synthetic oversampling and feature learning. Journal of Manufacturing Systems, 2018, 48, 34-50.	13.9	154
172	Plastic deformation-based energy consumption modelling for machining. International Journal of Advanced Manufacturing Technology, 2018, 96, 631-641.	3.0	9
173	Stimuli that signal the availability of reward break into attentional focus. Vision Research, 2018, 144, 20-28.	1.4	11
174	Sensorless and adaptive admittance control of industrial robot in physical human-robot interaction. Robotics and Computer-Integrated Manufacturing, 2018, 51, 158-168.	9.9	84
175	A passive RFID tag-based locating and navigating approach for automated guided vehicle. Computers and Industrial Engineering, 2018, 125, 628-636.	6.3	25
176	A function block based cyber-physical production system for physical human-robot interaction. Journal of Manufacturing Systems, 2018, 48, 12-23.	13.9	42
177	IoT-enabled Dynamic Optimisation for Sustainable Reverse Logistics. Procedia CIRP, 2018, 69, 662-667.	1.9	48
178	Cloud-enhanced predictive maintenance. International Journal of Advanced Manufacturing Technology, 2018, 99, 5-13.	3.0	50
179	Gesture recognition for human-robot collaboration: A review. International Journal of Industrial Ergonomics, 2018, 68, 355-367.	2.6	272
180	An enriched machining feature based approach to cutting tool selection. International Journal of Computer Integrated Manufacturing, 2018, 31, 1-10.	4.6	26

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181	Energy-efficient robot applications towards sustainable manufacturing. International Journal of Computer Integrated Manufacturing, 2018, 31, 692-700.	4.6	21
182	Interoperability in cloud manufacturing: a case study on private cloud structure for SMEs. International Journal of Computer Integrated Manufacturing, 2018, 31, 653-663.	4.6	19
183	Latest Advancement in Cloud Technologies. , 2018, , 3-31.		1
184	Cloud Robotics Towards a CPS Assembly System. , 2018, , 243-259.		4
185	Context-Aware Human-Robot Collaborative Assembly. , 2018, , 261-294.		2
186	Architecture Design of Cloud CPS in Manufacturing. , 2018, , 297-323.		1
187	Product Tracking and WEEE Management. , 2018, , 325-346.		2
188	Big Data Analytics for Scheduling and Machining. , 2018, , 347-375.		0
189	Outlook of Cloud, CPS and IoT in Manufacturing. , 2018, , 377-398.		4
190	Latest Advancement in CPS and IoT Applications. , 2018, , 33-61.		15
191	Challenges in Cybersecurity. , 2018, , 63-79.		3
192	Machine Availability Monitoring and Process Planning. , 2018, , 83-103.		2
193	Cloud-Enabled Distributed Process Planning. , 2018, , 105-123.		3
194	Adaptive Machining Using Function Blocks. , 2018, , 125-162.		2
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196	Resource Efficiency Calculation as a Cloud Service. , 2018, , 195-209.		2
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