

Junwei Yan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26
papers

316
citations

9
h-index

17
g-index

34
ext. papers

440
ext. citations

3.3
avg, IF

3.59
L-index

#	Paper	IF	Citations
26	Cutting Parameter Optimization for Reducing Carbon Emissions Using Digital Twin. <i>International Journal of Precision Engineering and Manufacturing</i> , 2021 , 22, 933-949	1.7	7
25	Cyber intrusion detection through association rule mining on multi-source logs. <i>Applied Intelligence</i> , 2021 , 51, 4043-4057	4.9	6
24	Cooperation Emergence of Manufacturing Services in Cloud Manufacturing With Agent-Based Modeling and Simulating. <i>IEEE Access</i> , 2021 , 9, 24658-24668	3.5	
23	A Data-driven Adaptive Sampling Method Based on Edge Computing. <i>Sensors</i> , 2020 , 20,	3.8	2
22	Intelligent Machine Tool Based on Edge-Cloud Collaboration. <i>IEEE Access</i> , 2020 , 8, 139953-139965	3.5	5
21	Memetic Algorithm With Local Neighborhood Search for Bottleneck Supplier Identification in Supply Networks. <i>IEEE Access</i> , 2020 , 8, 148827-148840	3.5	2
20	Digital-Twin-Based Job Shop Scheduling Toward Smart Manufacturing. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 6425-6435	11.9	77
19	The selection of key temperature measurement points for thermal error modeling of heavy-duty computer numerical control machine tools with density peaks clustering. <i>Advances in Mechanical Engineering</i> , 2019 , 11, 168781401983951	1.2	2
18	An Adaptive Denoising Method for Industrial Big Data with Multi-indicator Fusion 2019 ,		1
17	Key point selection in large-scale FBG temperature sensors for thermal error modeling of heavy-duty CNC machine tools. <i>Frontiers of Mechanical Engineering</i> , 2019 , 14, 442-451	3.3	1
16	Evaluation of Manufacturing Capability for the Job Shop by Combining the Entropy Weight Method with Grey Relational Analysis 2019 ,		1
15	Thermal Error Exponential Model of CNC Machine Tools Motorized Spindle Based on Mechanism Analysis 2019 ,		2
14	A Comprehensive Assessment Approach to Evaluate the Trustworthiness of Manufacturing Services in Cloud Manufacturing Environment. <i>IEEE Access</i> , 2018 , 6, 30819-30828	3.5	15
13	Research on the Multiple Factors Influencing Human Identification Based on Pyroelectric Infrared Sensors. <i>Sensors</i> , 2018 , 18,	3.8	10
12	Fog Computing-Based Cyber-Physical Machine Tool System. <i>IEEE Access</i> , 2018 , 6, 44580-44590	3.5	15
11	An improved multi-objective discrete bees algorithm for robotic disassembly line balancing problem in remanufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , 2018 , 97, 3937-3962	3.3	45
10	Design and implementation of a hazardous wastes proportioning management system 2018 ,		1

9	Selection of key temperature measuring points for thermal error modeling of CNC machine tools. <i>Journal of Advanced Mechanical Design, Systems and Manufacturing</i> , 2018 , 12, JAMDSM0131-JAMDSM0131	3.6	5
8	Analysis of double-resource flexible job shop scheduling problem based on genetic algorithm 2018 ,		6
7	A Diaphragm-Type Highly Sensitive Fiber Bragg Grating Force Transducer With Temperature Compensation. <i>IEEE Sensors Journal</i> , 2017 , 1-1	4	4
6	Fusion of Different Height Pyroelectric Infrared Sensors for Person Identification. <i>IEEE Sensors Journal</i> , 2016 , 16, 436-446	4	16
5	Identification and optimal selection of temperature-sensitive measuring points of thermal error compensation on a heavy-duty machine tool. <i>International Journal of Advanced Manufacturing Technology</i> , 2016 , 85, 345-353	3.2	21
4	Knowledge modeling of fault diagnosis for rotating machinery based on ontology 2015 ,		4
3	Fusion of Multiple Pyroelectric Characteristics for Human Body Identification. <i>Algorithms</i> , 2014 , 7, 685-702	3	3
2	Tracking and recognition of multiple human targets moving in a wireless pyroelectric infrared sensor network. <i>Sensors</i> , 2014 , 14, 7209-28	3.8	20
1	Intelligent Supply Chain Integration and Management Based on Cloud of Things. <i>International Journal of Distributed Sensor Networks</i> , 2014 , 10, 624839	1.7	44