Junwei Yan

List of Publications by Citations

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	Digital-Twin-Based Job Shop Scheduling Toward Smart Manufacturing. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 6425-6435	11.9	77
25	An improved multi-objective discrete bees algorithm for robotic disassembly line balancing problem in remanufacturing. *International Journal of Advanced Manufacturing Technology*, **2018**, 97, 3937-3962	3.2	45
24	Intelligent Supply Chain Integration and Management Based on Cloud of Things. *International Journal of Distributed Sensor Networks*, **2014**, 10, 624839	1.7	44
23	Identification and optimal selection of temperature-sensitive measuring points of thermal error compensation on a heavy-duty machine tool. *International Journal of Advanced Manufacturing Technology*, **2016**, 85, 345-353	3.2	21
22	Tracking and recognition of multiple human targets moving in a wireless pyroelectric infrared sensor network. *Sensors*, **2014**, 14, 7209-28	3.8	20
21	Fusion of Different Height Pyroelectric Infrared Sensors for Person Identification. *IEEE Sensors Journal*, **2016**, 16, 436-446	4	16
20	A Comprehensive Assessment Approach to Evaluate the Trustworthiness of Manufacturing Services in Cloud Manufacturing Environment. *IEEE Access*, **2018**, 6, 30819-30828	3.5	15
19	Fog Computing-Based Cyber-Physical Machine Tool System. *IEEE Access*, **2018**, 6, 44580-44590	3.5	15
18	Research on the Multiple Factors Influencing Human Identification Based on Pyroelectric Infrared Sensors. *Sensors*, **2018**, 18,	3.8	10
17	Cutting Parameter Optimization for Reducing Carbon Emissions Using Digital Twin. *International Journal of Precision Engineering and Manufacturing*, **2021**, 22, 933-949	1.7	7
16	Cyber intrusion detection through association rule mining on multi-source logs. *Applied Intelligence*, **2021**, 51, 4043-4057	4.9	6
15	Analysis of double-resource flexible job shop scheduling problem based on genetic algorithm **2018**,		6
14	Intelligent Machine Tool Based on Edge-Cloud Collaboration. *IEEE Access*, **2020**, 8, 139953-139965	3.5	5
13	Selection of key temperature measuring points for thermal error modeling of CNC machine tools. *Journal of Advanced Mechanical Design, Systems and Manufacturing*, **2018**, 12, JAMDSM0131-JAMDSM0131	0.6	5
12	A Diaphragm-Type Highly Sensitive Fiber Bragg Grating Force Transducer With Temperature Compensation. *IEEE Sensors Journal*, **2017**, 1-1	4	4
11	Knowledge modeling of fault diagnosis for rotating machinery based on ontology **2015**,		4
10	Fusion of Multiple Pyroelectric Characteristics for Human Body Identification. *Algorithms*, **2014**, 7, 685-702	1.8	3

9	A Data-driven Adaptive Sampling Method Based on Edge Computing. *Sensors*, **2020**, 20,	3.8	2
8	The selection of key temperature measurement points for thermal error modeling of heavy-duty computer numerical control machine tools with density peaks clustering. *Advances in Mechanical Engineering*, **2019**, 11, 168781401983951	1.2	2
7	Memetic Algorithm With Local Neighborhood Search for Bottleneck Supplier Identification in Supply Networks. *IEEE Access*, **2020**, 8, 148827-148840	3.5	2
6	Thermal Error Exponential Model of CNC Machine Tools Motorized Spindle Based on Mechanism Analysis **2019**,		2
5	Design and implementation of a hazardous wastes proportioning management system **2018**,		1
4	An Adaptive Denoising Method for Industrial Big Data with Multi-indicator Fusion **2019**,		1
3	Key point selection in large-scale FBG temperature sensors for thermal error modeling of heavy-duty CNC machine tools. *Frontiers of Mechanical Engineering*, **2019**, 14, 442-451	3.3	1
2	Evaluation of Manufacturing Capability for the Job Shop by Combining the Entropy Weight Method with Grey Relational Analysis **2019**,		1
1	Cooperation Emergence of Manufacturing Services in Cloud Manufacturing With Agent-Based Modeling and Simulating. *IEEE Access*, **2021**, 9, 24658-24668	3.5	