Ping Lou

List of Publications by Year in Descending Order

30 papers	222 citations	7 h-index	14 g-index
41 ext. papers	327 ext. citations	3.2 avg, IF	3.39 L-index

#	Paper	IF	Citations
30	DWANet: Focus on Foreground Features for More Accurate Location. *IEEE Access*, **2022**, 10, 30716-30729	3.5	1
29	An ontology self-learning approach for CNC machine capability information integration and representation in cloud manufacturing. *Journal of Industrial Information Integration*, **2021**, 25, 100300	7	1
28	Robot Motor Skill Transfer With Alternate Learning in Two Spaces. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 4553-4564	10.3	
27	Cutting Parameter Optimization for Reducing Carbon Emissions Using Digital Twin. *International Journal of Precision Engineering and Manufacturing*, **2021**, 22, 933-949	1.7	7
26	Enhanced Variable Neighborhood Search-Based Recovery Supplier Selection for Post-Disruption Supply Networks. *Processes*, **2021**, 9, 670	2.9	
25	Cyber intrusion detection through association rule mining on multi-source logs. *Applied Intelligence*, **2021**, 51, 4043-4057	4.9	6
24	Cooperation Emergence of Manufacturing Services in Cloud Manufacturing With Agent-Based Modeling and Simulating. *IEEE Access*, **2021**, 9, 24658-24668	3.5	
23	Constructing an efficient and adaptive learning model for 3D object generation. *IET Image Processing*, **2021**, 15, 1745-1758	1.7	1
22	The Thermal Error Modeling with Deep Transfer Learning. *Journal of Physics: Conference Series*, **2020**, 1576, 012003	0.3	1
21	A Data-driven Adaptive Sampling Method Based on Edge Computing. *Sensors*, **2020**, 20,	3.8	2
20	Adaptive Variable Neighborhood Search-Based Supply Network Reconfiguration for Robustness Enhancement. *Complexity*, **2020**, 2020, 1-21	1.6	1
19	Intelligent Machine Tool Based on Edge-Cloud Collaboration. *IEEE Access*, **2020**, 8, 139953-139965	3.5	5
18	Memetic Algorithm With Local Neighborhood Search for Bottleneck Supplier Identification in Supply Networks. *IEEE Access*, **2020**, 8, 148827-148840	3.5	2
17	Thermal Error Modeling for Heavy Duty CNC Machine Tool Based on Convolution Neural Network **2019**,		1
16	Digital-Twin-Based Job Shop Scheduling Toward Smart Manufacturing. *IEEE Transactions on Industrial Informatics*, **2019**, 15, 6425-6435	11.9	77
15	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
14	An Adaptive Denoising Method for Industrial Big Data with Multi-indicator Fusion **2019**,		1

List of Publications

13	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
12	Evaluation of Manufacturing Capability for the Job Shop by Combining the Entropy Weight Method with Grey Relational Analysis **2019**,		1
11	Thermal Error Exponential Model of CNC Machine Tools Motorized Spindle Based on Mechanism Analysis **2019**,		2
10	A Comprehensive Assessment Approach to Evaluate the Trustworthiness of Manufacturing Services in Cloud Manufacturing Environment. *IEEE Access*, **2018**, 6, 30819-30828	3.5	15
9	Research on the Multiple Factors Influencing Human Identification Based on Pyroelectric Infrared Sensors. *Sensors*, **2018**, 18,	3.8	10
8	Fog Computing-Based Cyber-Physical Machine Tool System. *IEEE Access*, **2018**, 6, 44580-44590	3.5	15
7	An Ensemble Modeling for Thermal Error of CNC Machine Tools. *Communications in Computer and Information Science*, **2018**, 107-118	0.3	
6	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
5	Research on the Cooperative Behavior in Cloud Manufacturing. *Communications in Computer and Information Science*, **2018**, 241-254	0.3	1
4	Analysis of double-resource flexible job shop scheduling problem based on genetic algorithm **2018**,		6
3	Robustness Analysis of the Thermal Error Model for a CNC Machine Tool **2016**,		2
2	Multi-agent-based proactive□reactive scheduling for a job shop. *International Journal of Advanced Manufacturing Technology*, **2012**, 59, 311-324	3.2	43
1	Resource management based on multi-agent technology for cloud manufacturing **2011**,		12