Yuqing Zhou

List of Publications by Year
in descending order

38 papers	1,489 citations	394286 19 h-index	414303 32 g-index
38 all docs	38 docs citations	38 times ranked	1138 citing authors

#	Article	IF	Citations
1	Tool wear condition monitoring based on a two-layer angle kernel extreme learning machine using sound sensor for milling process. Journal of Intelligent Manufacturing, 2022, 33, 247-258.	4.4	51
2	A novel health indicator developed using filter-based feature selection algorithm for the identification of rotor defects. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2022, 236, 529-541.	0.6	7
3	A new tool wear condition monitoring method based on deep learning under small samples. Measurement: Journal of the International Measurement Confederation, 2022, 189, 110622.	2.5	63
4	Markov Transition Field Enhanced Deep Domain Adaptation Network for Milling Tool Condition Monitoring. Micromachines, 2022, 13, 873.	1.4	9
5	Hankel Matrix-Based Condition Monitoring of Rolling Element Bearings: An Enhanced Framework for Time-Series Analysis. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	2.4	10
6	Sample Augmentation for Intelligent Milling Tool Wear Condition Monitoring Using Numerical Simulation and Generative Adversarial Network. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	2.4	26
7	Novel Convolutional Neural Network (NCNN) for the Diagnosis of Bearing Defects in Rotary Machinery. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	2.4	96
8	A tool wear condition monitoring approach for end milling based on numerical simulation. Eksploatacja I Niezawodnosc, 2021, 23, 371-380.	1.1	3
9	A GAPSO-Enhanced Extreme Learning Machine Method for Tool Wear Estimation in Milling Processes Based on Vibration Signals. International Journal of Precision Engineering and Manufacturing - Green Technology, 2021, 8, 745-759.	2.7	20
10	An edge-labeling graph neural network method for tool wear condition monitoring using wear image with small samples. Measurement Science and Technology, 2021, 32, 064006.	1.4	15
11	New Tool Wear Estimation Method of the Milling Process Based on Multisensor Blind Source Separation. Mathematical Problems in Engineering, 2021, 2021, 1-11.	0.6	5
12	Tool wear condition monitoring in milling process based on data fusion enhanced long short-term memory network under different cutting conditions. Eksploatacja I Niezawodnosc, 2021, 23, 612-618.	1.1	12
13	Nonlinear dynamic analysis of a cycloidal ball planetary transmission considering tooth undercutting. Mechanism and Machine Theory, 2020, 145, 103694.	2.7	8
14	An intrinsic timescale decomposition-based kernel extreme learning machine method to detect tool wear conditions in the milling process. International Journal of Advanced Manufacturing Technology, 2020, 106, 1203-1212.	1.5	29
15	Fault diagnosis of rolling element bearing based on symmetric cross entropy of neutrosophic sets. Measurement: Journal of the International Measurement Confederation, 2020, 152, 107318.	2.5	53
16	A tool condition monitoring method based on two-layer angle kernel extreme learning machine and binary differential evolution for milling. Measurement: Journal of the International Measurement Confederation, 2020, 166, 108186.	2.5	46
17	Improved deep convolution neural network (CNN) for the identification of defects in the centrifugal pump using acoustic images. Applied Acoustics, 2020, 167, 107399.	1.7	103
18	Tool Wear Condition Monitoring in Milling Process Based on Current Sensors. IEEE Access, 2020, 8, 95491-95502.	2.6	53

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19	Latest developments in gear defect diagnosis and prognosis: A review. Measurement: Journal of the International Measurement Confederation, 2020, 158, 107735.	2.5	136
20	A two-stage method for bearing fault detection using graph similarity evaluation. Measurement: Journal of the International Measurement Confederation, 2020, 165, 108138.	2.5	17
21	Variational mode decomposition based symmetric single valued neutrosophic cross entropy measure for the identification of bearing defects in a centrifugal pump. Applied Acoustics, 2020, 165, 107294.	1.7	59
22	Bearing defect size assessment using wavelet transform based Deep Convolutional Neural Network (DCNN). AEJ - Alexandria Engineering Journal, 2020, 59, 999-1012.	3.4	67
23	Nonlinear Dynamic Analysis of a Trochoid Cam Gear. Journal of Mechanical Design, Transactions of the ASME, 2020, 142, .	1.7	4
24	Review of tool condition monitoring methods in milling processes. International Journal of Advanced Manufacturing Technology, 2018, 96, 2509-2523.	1.5	220
25	Convolutional neural network-based hidden Markov models for rolling element bearing fault identification. Knowledge-Based Systems, 2018, 144, 65-76.	4.0	190
26	Research on quality of banking services based on QFD and SERVQUAL model. International Journal of Services Operations and Informatics, 2018, 9, 265.	0.2	0
27	A Classification of Milling TCM Based on Bandpass Filter and Kernel Extreme Learning Machine. , 2018, , .		0
28	A Multisensor Fusion Method for Tool Condition Monitoring in Milling. Sensors, 2018, 18, 3866.	2.1	65
29	Study on ADRC Parameter Optimization Using CPSO for Clamping Force Control System. Mathematical Problems in Engineering, 2018, 2018, 1-8.	0.6	6
30	Numerical Control Machine Tool Fault Diagnosis Using Hybrid Stationary Subspace Analysis and Least Squares Support Vector Machine with a Single Sensor. Applied Sciences (Switzerland), 2017, 7, 346.	1.3	19
31	A new damage diagnosis approach for NC machine tools based on hybrid Stationary subspace analysis. Journal of Physics: Conference Series, 2017, 842, 012047.	0.3	0
32	Impact energy level assessment of composite structures using MUSIC-ANN approach. Structural Control and Health Monitoring, 2016, 23, 825-837.	1.9	12
33	An improved FMEA method based on the linguistic weighted geometric operator and fuzzy priority. Quality Engineering, 2016, 28, 491-498.	0.7	48
34	NC Machine Tools Fault Diagnosis Based on Kernel PCA and k-Nearest Neighbor Using Vibration Signals. Shock and Vibration, 2015, 2015, 1-10.	0.3	8
35	An online damage identification approach for numerical control machine tools based on data fusion using vibration signals. JVC/Journal of Vibration and Control, 2015, 21, 2925-2936.	1.5	24
36	Research on E-Government System Evaluation Based on Hierarchical Grey Analysis. , 2010, , .		0

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37	Research on Extension Evaluation of Knowledge Sharing Level in Organization. , 2010, , .		0
38	Segmentation and quantitative evaluation for tool wear condition via an improved SE-U-Net. International Journal of Advanced Manufacturing Technology, 0, , .	1.5	5