Yuqing Zhou

List of Publications by Year
in descending order

38	1,489	394286	414303
papers	citations	19 h-index	32 g-index

38	38	38	1138
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Review of tool condition monitoring methods in milling processes. International Journal of Advanced Manufacturing Technology, 2018, 96, 2509-2523.	1.5	220
2	Convolutional neural network-based hidden Markov models for rolling element bearing fault identification. Knowledge-Based Systems, 2018, 144, 65-76.	4.0	190
3	Latest developments in gear defect diagnosis and prognosis: A review. Measurement: Journal of the International Measurement Confederation, 2020, 158, 107735.	2.5	136
4	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
5	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
6	Bearing defect size assessment using wavelet transform based Deep Convolutional Neural Network (DCNN). AEJ - Alexandria Engineering Journal, 2020, 59, 999-1012.	3.4	67
7	A Multisensor Fusion Method for Tool Condition Monitoring in Milling. Sensors, 2018, 18, 3866.	2.1	65
8	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
9	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
10	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
11	Tool Wear Condition Monitoring in Milling Process Based on Current Sensors. IEEE Access, 2020, 8, 95491-95502.	2.6	53
12	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
13	An improved FMEA method based on the linguistic weighted geometric operator and fuzzy priority. Quality Engineering, 2016, 28, 491-498.	0.7	48
14	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
15	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
16	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
17	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
18	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

#	Article	IF	Citations
19	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
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	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
22	Impact energy level assessment of composite structures using MUSIC-ANN approach. Structural Control and Health Monitoring, 2016, 23, 825-837.	1.9	12
23	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
24	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
25	Markov Transition Field Enhanced Deep Domain Adaptation Network for Milling Tool Condition Monitoring. Micromachines, 2022, 13, 873.	1.4	9
26	NC Machine Tools Fault Diagnosis Based on Kernel PCA and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi>k</mml:mi></mml:mrow></mml:math>-Nearest Neighbor Using Vibration Signals. Shock and Vibration, 2015, 2015, 1-10.	0.3	8
27	Nonlinear dynamic analysis of a cycloidal ball planetary transmission considering tooth undercutting. Mechanism and Machine Theory, 2020, 145, 103694.	2.7	8
28	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
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	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
31	Segmentation and quantitative evaluation for tool wear condition via an improved SE-U-Net. International Journal of Advanced Manufacturing Technology, 0, , .	1.5	5
32	Nonlinear Dynamic Analysis of a Trochoid Cam Gear. Journal of Mechanical Design, Transactions of the ASME, 2020, 142, .	1.7	4
33	A tool wear condition monitoring approach for end milling based on numerical simulation. Eksploatacja I Niezawodnosc, 2021, 23, 371-380.	1.1	3
34	Research on E-Government System Evaluation Based on Hierarchical Grey Analysis. , 2010, , .		0
35	Research on Extension Evaluation of Knowledge Sharing Level in Organization. , 2010, , .		0
36	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

#	Article	IF	Citations
37	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
38	A Classification of Milling TCM Based on Bandpass Filter and Kernel Extreme Learning Machine. , 2018, , .		0