

# Chaoge Wang

## List of Publications by Year in descending order

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41  
papers

440  
citations

759233

12  
h-index

794594

19  
g-index

41  
all docs

41  
docs citations

41  
times ranked

393  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel scheme with high accuracy and high efficiency for surface location error prediction. International Journal of Advanced Manufacturing Technology, 2022, 118, 1317-1333.	3.0	5
2	Calculation boundary vulnerability of numerical algorithm in milling stability prediction. International Journal of Advanced Manufacturing Technology, 2022, 119, 8271-8286.	3.0	1
3	Intelligent recognition of milling tool wear status based on variational auto-encoder and extreme learning machine. International Journal of Advanced Manufacturing Technology, 2022, 119, 4109-4123.	3.0	7
4	Remaining Useful Life prediction of rolling bearings based on risk assessment and degradation state coefficient. ISA Transactions, 2022, 129, 413-428.	5.7	19
5	Intelligent Diagnosis of Rolling Element Bearing Based on Refined Composite Multiscale Reverse Dispersion Entropy and Random Forest. Sensors, 2022, 22, 2046.	3.8	10
6	Experimental Investigation On the Mechanism of Impeller Synchronous and Non-synchronous Vibrations in an Industrial Centrifugal Compressor. Journal of Engineering for Gas Turbines and Power, 2022, , .	1.1	0
7	Experimental investigation on the unsteady pressure pulsation and vibration of a nuclear pump test loop. Energy Science and Engineering, 2022, 10, 2877-2891.	4.0	3
8	Shifting Straight-Line Fitting Method to Calculate Blade Vibration Based on Blade Tip Timing. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	6
9	Tool Wear Recognition Based on Deep Kernel Autoencoder With Multichannel Signals Fusion. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	22
10	A novel method with Newton polynomial-Chebyshev nodes for milling stability prediction. International Journal of Advanced Manufacturing Technology, 2021, 112, 1373-1387.	3.0	7
11	Time-Frequency Sparse Reconstruction of Non-Uniform Sampling for Non-Stationary Signal. IEEE Transactions on Vehicular Technology, 2021, 70, 11145-11153.	6.3	10
12	An Improved Key-Phase-Free Blade Tip-Timing Technique for Nonstationary Test Conditions and Its Application on Large-Scale Centrifugal Compressor Blades. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-16.	4.7	4
13	Investigation on pressure pulsation and modal behavior of the impeller in a nuclear reactor coolant pump. Energy Science and Engineering, 2021, 9, 1440-1449.	4.0	4
14	Experimental determination of IGV preswirl effect on impeller blade vibration in an unshrouded centrifugal compressor. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2021, 235, 1288-1301.	1.4	0
15	Numerical Study of the Improvement in Stability and Performance by Use of a Partial Vaned Diffuser for a Centrifugal Compressor Stage. Applied Sciences (Switzerland), 2021, 11, 6980.	2.5	3
16	Study on Characteristics of the Vibration and Noise of High-Power Scroll Compressor. Shock and Vibration, 2021, 2021, 1-17.	0.6	0
17	An End-to-end Fault Diagnosis Method of Rolling Bearing Based on Convolution Neural Network. , 2021, , .		0
18	Numerical Investigation of Transient Flow Characteristics in a Centrifugal Compressor Stage with Variable Inlet Guide Vanes at Low Mass Flow Rates. Energies, 2021, 14, 7906.	3.1	3

#	ARTICLE	IF	CITATIONS
19	A Joint Optimization Algorithm Using Adaptive Minimum Coset Number Based Discrete Multi-Coset Sampling. IEEE Access, 2020, 8, 168659-168670.	4.2	5
20	Just Another Attention Network for Remaining Useful Life Prediction of Rolling Element Bearings. IEEE Access, 2020, 8, 204144-204152.	4.2	7
21	A Reliable Prognosis Approach for Degradation Evaluation of Rolling Bearing Using MCLSTM. Sensors, 2020, 20, 1864.	3.8	14
22	A Novel Order Analysis and Stacked Sparse Auto-Encoder Feature Learning Method for Milling Tool Wear Condition Monitoring. Sensors, 2020, 20, 2878.	3.8	23
23	Convolutional Neural Network Based on Spiral Arrangement of Features and Its Application in Bearing Fault Diagnosis. IEEE Access, 2019, 7, 64092-64100.	4.2	14
24	High-Precision Large-Displacement Measuring Method with Walking Pattern. Instruments and Experimental Techniques, 2019, 62, 256-265.	0.5	0
25	An updated model of stability prediction in five-axis ball-end milling. International Journal of Advanced Manufacturing Technology, 2019, 103, 3293-3306.	3.0	5
26	Early Fault Diagnosis for Planetary Gearbox Based on Adaptive Parameter Optimized VMD and Singular Kurtosis Difference Spectrum. IEEE Access, 2019, 7, 31501-31516.	4.2	62
27	Early Weak Fault Diagnosis of Gearbox Based on ELMD and Singular Value Decomposition. , 2019, , .		3
28	Rotating Stall Induced Non-Synchronous Blade Vibration Analysis for an Unshrouded Industrial Centrifugal Compressor. Sensors, 2019, 19, 4995.	3.8	17
29	A novel approach with time-invariant transition matrix for surface location error prediction in low radial immersion milling. International Journal of Advanced Manufacturing Technology, 2019, 101, 1267-1274.	3.0	7
30	Improved precise integration method for chatter stability prediction of two-DOF milling system. International Journal of Advanced Manufacturing Technology, 2019, 101, 1235-1246.	3.0	23
31	An improved full-discretization method for chatter stability prediction. International Journal of Advanced Manufacturing Technology, 2018, 96, 3503-3510.	3.0	26
32	Rolling element bearing weak fault diagnosis based on optimal wavelet scale cyclic frequency extraction. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2018, 232, 895-908.	1.0	6
33	A deep feature extraction method for bearing fault diagnosis based on empirical mode decomposition and kernel function. Advances in Mechanical Engineering, 2018, 10, 168781401879825.	1.6	7
34	Fault Diagnosis of Planetary Gearbox Based on Complementary Ensemble Empirical Mode Decomposition and Teager Energy Operator. , 2018, , .		2
35	An Enhancement Deep Feature Extraction Method for Bearing Fault Diagnosis Based on Kernel Function and Autoencoder. Shock and Vibration, 2018, 2018, 1-12.	0.6	7
36	Weak Defect Identification for Centrifugal Compressor Blade Crack Based on Pressure Sensors and Genetic Algorithm. Sensors, 2018, 18, 1264.	3.8	11

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37	Remaining Useful Life Prediction Method of Rolling Bearings Based on Pchip-EEMD-GM(1, 1) Model. Shock and Vibration, 2018, 2018, 1-10.	0.6	6
38	Investigation on early fault classification for rolling element bearing based on the optimal frequency band determination. Journal of Intelligent Manufacturing, 2015, 26, 189-198.	7.3	23
39	Cutting tool operational reliability prediction based on acoustic emission and logistic regression model. Journal of Intelligent Manufacturing, 2015, 26, 923-931.	7.3	37
40	Rolling bearing reliability estimation based on logistic regression model. , 2013, , .		14
41	Experimental Investigation on Centrifugal Compressor Blade Crack Classification Using the Squared Envelope Spectrum. Sensors, 2013, 13, 12548-12563.	3.8	17