

# Maxiao Hou

## List of Publications by Year in descending order

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17  
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940533

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docs citations

17  
times ranked

204  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rolling Bearing Initial Fault Detection Using Long Short-Term Memory Recurrent Network. IEEE Access, 2019, 7, 171559-171569.	4.2	53
2	Investigation of the orbit-spinning behaviors of the outer ring in a full ceramic ball bearing-steel pedestal system in wide temperature ranges. Mechanical Systems and Signal Processing, 2021, 149, 107317.	8.0	51
3	A fault diagnosis method based on improved convolutional neural network for bearings under variable working conditions. Measurement: Journal of the International Measurement Confederation, 2021, 182, 109749.	5.0	47
4	Stator-Winding Incipient Shorted-Turn Fault Detection for Motor System in Motorized Spindle Using Modified Interval Observers. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-16.	4.7	21
5	Bearing fault diagnosis method based on multi-source heterogeneous information fusion. Measurement Science and Technology, 2022, 33, 075901.	2.6	18
6	Gearbox Incipient Fault Detection Based on Deep Recursive Dynamic Principal Component Analysis. IEEE Access, 2020, 8, 57646-57660.	4.2	16
7	Leader-following Consensus of First-order Multi-agent Systems with Dynamic Hybrid Quantizer. International Journal of Control, Automation and Systems, 2020, 18, 2765-2773.	2.7	15
8	Research on a Nonlinear Dynamic Incipient Fault Detection Method for Rolling Bearings. Applied Sciences (Switzerland), 2020, 10, 2443.	2.5	14
9	Initial Fault Diagnosis of Rolling Bearing Based on Second-Order Cyclic Autocorrelation and DCAE Combined With Transfer Learning. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-18.	4.7	13
10	Research on the Initial Fault Prediction Method of Rolling Bearings Based on DCAE-TCN Transfer Learning. Shock and Vibration, 2021, 2021, 1-15.	0.6	9
11	Neural Network Based Visual Servo Control Under the Condition of Heavy Loading. International Journal of Control, Automation and Systems, 2021, 19, 3223-3238.	2.7	7
12	Incipient Fault Detection of Full Ceramic Ball Bearing Based on Modified Observer. International Journal of Control, Automation and Systems, 2022, 20, 727-740.	2.7	6
13	Distributed Control for Leader-Following Consensus Problem of Second-Order Multi-Agent Systems and Its Application to Motion Synchronization. Applied Sciences (Switzerland), 2019, 9, 4208.	2.5	4
14	The Adaptive Distributed Event-Triggered Observer Approach to Cooperative Output Regulation of Discrete-Time Linear Multi-Agent Systems Under Directed Switching Networks. IEEE Access, 2020, 8, 221568-221579.	4.2	3
15	Weak Fault Detection for Rolling Bearings in Varying Working Conditions through the Second-Order Stochastic Resonance Method with Barrier Height Optimization. Shock and Vibration, 2021, 2021, 1-17.	0.6	3
16	Adaptive Visual Servoing Control for Hoisting Positioning Under Disturbance Condition. Applied Sciences (Switzerland), 2020, 10, 2562.	2.5	2
17	Cooperative Output Regulation of Discrete-time Linear Multi-Agent Systems with Event-Triggered Adaptive Distributed Observer. , 2020, , .		0