Wenhua Du

List of Publications by Year
in descending order

22 papers	860 citations	623734 14 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	709 citing authors

#	Article	IF	Citations
1	Research and application of improved adaptive MOMEDA fault diagnosis method. Measurement: Journal of the International Measurement Confederation, 2019, 140, 63-75.	5.0	160
2	Application of Parameter Optimized Variational Mode Decomposition Method in Fault Diagnosis of Gearbox. IEEE Access, 2019, 7, 44871-44882.	4.2	144
3	A Novel Fault Diagnosis Method of Gearbox Based on Maximum Kurtosis Spectral Entropy Deconvolution. IEEE Access, 2019, 7, 29520-29532.	4.2	114
4	A new fault diagnosis method based on adaptive spectrum mode extraction. Structural Health Monitoring, 2021, 20, 3354-3370.	7.5	90
5	A Novel Method for Intelligent Fault Diagnosis of Bearing Based on Capsule Neural Network. Complexity, 2019, 2019, 1-17.	1.6	59
6	Application of an Improved Ensemble Local Mean Decomposition Method for Gearbox Composite Fault Diagnosis. Complexity, 2019, 2019, 1-17.	1.6	49
7	Research on Fault Diagnosis of Gearbox with Improved Variational Mode Decomposition. Sensors, 2018, 18, 3510.	3.8	45
8	Research on Novel Bearing Fault Diagnosis Method Based on Improved Krill Herd Algorithm and Kernel Extreme Learning Machine. Complexity, 2019, 2019, 1-19.	1.6	35
9	Application of topology optimization to design an electric bicycle main frame. Structural and Multidisciplinary Optimization, 2012, 46, 913-929.	3.5	27
10	A New Fuzzy Logic Classifier Based on Multiscale Permutation Entropy and Its Application in Bearing Fault Diagnosis. Entropy, 2020, 22, 27.	2.2	26
11	An Actuator Fault Detection and Reconstruction Scheme for Hex-Rotor Unmanned Aerial Vehicle. IEEE Access, 2019, 7, 93937-93951.	4.2	23
12	Application of Improved Singular Spectrum Decomposition Method for Composite Fault Diagnosis of Gear Boxes. Sensors, 2018, 18, 3804.	3.8	22
13	Research of Bearing Fault Diagnosis Method Based on Multi-Layer Extreme Learning Machine Optimized by Novel Ant Lion Algorithm. IEEE Access, 2019, 7, 89845-89856.	4.2	20
14	Research on Fault Extraction Method of Variational Mode Decomposition Based on Immunized Fruit Fly Optimization Algorithm. Entropy, 2019, 21, 400.	2.2	15
15	Modified Singular Spectrum Decomposition and Its Application to Composite Fault Diagnosis of Gearboxes. Sensors, 2019, 19, 62.	3.8	10
16	Research on battery to ride comfort of electric bicycle based on multi-body dynamics theory. , 2009, , .		8
17	Application of a New Enhanced Deconvolution Method in Gearbox Fault Diagnosis. Applied Sciences (Switzerland), 2019, 9, 5313.	2.5	8
18	Opto-electronic platform tracking control of multi-rotor unmanned aerial vehicles based on composite disturbance compensation. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2019, 233, 4410-4420.	1.3	2

#	Article	IF	Citations
19	Carbide coating preparation of hot forging die by plasma processing. Journal Wuhan University of Technology, Materials Science Edition, 2012, 27, 1110-1114.	1.0	1
20	Application of a Novel Adaptive Med Fault Diagnosis Method in Gearboxes. Entropy, 2019, 21, 1106.	2.2	1
21	The effect of femoral head size on edge loading in metal–on–metal hip joint replacement under dynamic separation conditions. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 1897-1906.	3.4	1
22	Application of Optimized Adaptive Chirp Mode Decomposition Method in Chirp Signal. Applied Sciences (Switzerland), 2020, 10, 3695.	2.5	0