

Wenhua Du

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

860
citations

623734

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752698

20
g-index

22
all docs

22
docs citations

22
times ranked

709
citing authors

#	ARTICLE	IF	CITATIONS
1	A new fault diagnosis method based on adaptive spectrum mode extraction. Structural Health Monitoring, 2021, 20, 3354-3370.	7.5	90
2	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
3	Application of Optimized Adaptive Chirp Mode Decomposition Method in Chirp Signal. Applied Sciences (Switzerland), 2020, 10, 3695.	2.5	0
4	A New Fuzzy Logic Classifier Based on Multiscale Permutation Entropy and Its Application in Bearing Fault Diagnosis. Entropy, 2020, 22, 27.	2.2	26
5	An Actuator Fault Detection and Reconstruction Scheme for Hex-Rotor Unmanned Aerial Vehicle. IEEE Access, 2019, 7, 93937-93951.	4.2	23
6	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
7	A Novel Method for Intelligent Fault Diagnosis of Bearing Based on Capsule Neural Network. Complexity, 2019, 2019, 1-17.	1.6	59
8	Application of a Novel Adaptive Med Fault Diagnosis Method in Gearboxes. Entropy, 2019, 21, 1106.	2.2	1
9	Modified Singular Spectrum Decomposition and Its Application to Composite Fault Diagnosis of Gearboxes. Sensors, 2019, 19, 62.	3.8	10
10	Application of an Improved Ensemble Local Mean Decomposition Method for Gearbox Composite Fault Diagnosis. Complexity, 2019, 2019, 1-17.	1.6	49
11	Application of Parameter Optimized Variational Mode Decomposition Method in Fault Diagnosis of Gearbox. IEEE Access, 2019, 7, 44871-44882.	4.2	144
12	Research on Fault Extraction Method of Variational Mode Decomposition Based on Immunized Fruit Fly Optimization Algorithm. Entropy, 2019, 21, 400.	2.2	15
13	Research and application of improved adaptive MOMEDA fault diagnosis method. Measurement: Journal of the International Measurement Confederation, 2019, 140, 63-75.	5.0	160
14	A Novel Fault Diagnosis Method of Gearbox Based on Maximum Kurtosis Spectral Entropy Deconvolution. IEEE Access, 2019, 7, 29520-29532.	4.2	114
15	Application of a New Enhanced Deconvolution Method in Gearbox Fault Diagnosis. Applied Sciences (Switzerland), 2019, 9, 5313.	2.5	8
16	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
17	Opto-electronic platform tracking control of multi-rotor unmanned aerial vehicles based on composite disturbance compensation. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Aerospace Engineering, 2019, 233, 4410-4420.	1.3	2
18	Application of Improved Singular Spectrum Decomposition Method for Composite Fault Diagnosis of Gear Boxes. Sensors, 2018, 18, 3804.	3.8	22

#	ARTICLE	IF	CITATIONS
19	Research on Fault Diagnosis of Gearbox with Improved Variational Mode Decomposition. Sensors, 2018, 18, 3510.	3.8	45
20	Application of topology optimization to design an electric bicycle main frame. Structural and Multidisciplinary Optimization, 2012, 46, 913-929.	3.5	27
21	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
22	Research on battery to ride comfort of electric bicycle based on multi-body dynamics theory. , 2009, , .		8