Jingli Yang

List of Publications by Year
in descending order

24 papers	273 citations	1162889 8 h-index	996849 15 g-index
24 all docs	24 docs citations	24 times ranked	264 citing authors

#	ARTICLE	IF	CITATIONS
1	Fault Detection Using the Clustering-*k*NN Rule for Gas Sensor Arrays. Sensors, 2016, 16, 2069.	2.1	46
2	Status Self-Validation of Sensor Arrays Using Gray Forecasting Model and Bootstrap Method. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 1626-1640.	2.4	39
3	A Novel Incipient Fault Diagnosis Method for Analog Circuits Based on GMKL-SVM and Wavelet Fusion Features. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-15.	2.4	33
4	An Efficient Approach for Fault Detection, Isolation, and Data Recovery of Self-Validating Multifunctional Sensors. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 543-558.	2.4	23
5	A Fault Diagnosis Method of Rotating Machinery Based on One-Dimensional, Self-Normalizing Convolutional Neural Networks. Sensors, 2020, 20, 3837.	2.1	18
6	Failure Prediction of the Rotating Machinery Based on CEEMDAN-ApEn Feature and AR-UKF Model. Applied Sciences (Switzerland), 2020, 10, 2056.	1.3	18
7	A real-time fault detection and isolation strategy for gas sensor arrays. , 2017, , .		11
8	A Novel Fault Diagnosis Method for Analog Circuits Based on Conditional Variational Neural Networks. Circuits, Systems, and Signal Processing, 2021, 40, 2609-2633.	1.2	10
9	An efficient method for imbalanced fault diagnosis of rotating machinery. Measurement Science and Technology, 2021, 32, 115025.	1.4	10
10	An infrared small target detection framework based on local contrast method. Measurement: Journal of the International Measurement Confederation, 2016, 91, 405-413.	2.5	9
11	A Polarized Random Fourier Feature Kernel Least-Mean-Square Algorithm. IEEE Access, 2019, 7, 50833-50838.	2.6	8
12	A novel fault diagnosis method for rolling bearing based on EEMD-PE and multiclass relevance vector machine. , 2017, , .		7
13	An Efficient Method for Monitoring Degradation and Predicting the Remaining Useful Life of Mechanical Rotating Components. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-14.	2.4	7
14	An infrared-small-target detection method in compressed sensing domain based on local segment contrast measure. Infrared Physics and Technology, 2018, 93, 41-52.	1.3	6
15	Fault Diagnosis of Rotating Machinery Based on One-Dimensional Deep Residual Shrinkage Network with a Wide Convolution Layer. Shock and Vibration, 2020, 2020, 1-12.	0.3	6
16	A novel fault diagnosis method for analog circuits with noise immunity and generalization ability. Neural Computing and Applications, 2021, 33, 10537-10550.	3.2	6
17	A novel convolutional neural network with interference suppression for the fault diagnosis of mechanical rotating components. Neural Computing and Applications, 2022, 34, 10971-10987.	3.2	6
18	A gas concentration estimation method based on multivariate relevance vector machine using MOS gas sensor arrays. , 2017, , .		3

#	Article	IF	Citations
19	A Fault Diagnosis Method for Mechanical Rotating Components Based on Automatic Learning of Pseudo Labels. , 2021, , .		3
20	Fault Diagnosis Method of Analog Circuit Based on Enhanced Boundary Equilibrium Generative Adversarial Networks. , 2021, , .		2
21	A Novel Fault Detection Method for Semiconductor Manufacturing Processes. , 2019, , .		1
22	A Dual-input Fault Diagnosis Model Based on SE-MSCNN for Analog Circuits. Applied Intelligence, 0, , .	3.3	1
23	A Small Infrared Target Detection Method Using Adaptive Local Contrast Measurement. , 2019, , .		0
24	A Novel Fault Detection Method Based on Multiple Features for Analog Circuits. , 2021, , .		0