Pengfei Wen

List of Publications by Year
in descending order

14 papers	136 citations	2258059 3 h-index	2272923 4 g-index
14 all docs	14 docs citations	14 times ranked	88 citing authors

#	ARTICLE	IF	CITATIONS
1	Circuit Parameter Identification of Degrading DC-DC Converters Based on Physics-informed Neural Network. , 2022, , .		3
2	A Fault Diagnosis Platform of Actuators on Embedded IoT Microcontrollers. , 2022, , .		1
3	A generalized remaining useful life prediction method for complex systems based on composite health indicator. Reliability Engineering and System Safety, 2021, 205, 107241.	8.9	76
4	A Multimode Anomaly Detection Method Based on OC-ELM for Aircraft Engine System. IEEE Access, 2021, 9, 28842-28855.	4.2	2
5	Digital Twin for Degradation Parameters Identification of DC-DC Converters Based on Bayesian Optimization. , 2021, , .		14
6	A Hybrid Bayesian Deep Learning Model for Remaining Useful Life Prognostics and Uncertainty Quantification. , 2021, , .		4
7	Remaining Useful Life Prediction of IIoT-Enabled Complex Industrial Systems With Hybrid Fusion of Multiple Information Sources. IEEE Internet of Things Journal, 2021, 8, 9045-9058.	8.7	27
8	A Smart Agricultural Monitoring System Based on Cloud Platform of Internet of Things. , 2021, , .		0
9	Development of an Online Fault-Diagnostic-System Based on STM32 for Actuators. , 2021, , .		0
10	Remaining Useful Life Prediction for Complex Systems With Multiple Indicators Based on Particle Filter and Parameter Correlation. IEEE Access, 2020, 8, 215145-215156.	4.2	7
11	An Improved Particle Filter Method for Accurate Remaining Useful Life Prediction. , 2019, , .		0
12	A Novel Bayesian Update Method for Parameter Reconstruction of Remaining Useful Life Prognostics. , 2019, , .		0
13	A New Anomaly Detection Method Based on Multi-dimensional Condition Monitoring Data for Aircraft Engine. , 2019, , .		0
14	A Data Fusion-Based Methodology of Constructing Health Indicators for Anomaly Detection and Prognostics. , 2018, , .		2