Seokgoo Kim

List of Publications by Year
in descending order

19 papers	412 citations	758635 12 h-index	794141 19 g-index
19 all docs	19 docs citations	19 times ranked	369 citing authors

#	Article	IF	Citations
1	A Robust Health Indicator for Rotating Machinery Under Time-Varying Operating Conditions. IEEE Access, 2022, 10, 4993-5001.	2.6	4
2	Inspection schedule for prognostics with uncertainty management. Reliability Engineering and System Safety, 2022, 222, 108391.	5.1	8
3	A novel health indicator for a linear motion guide based on the frequency energy tracking method. Measurement: Journal of the International Measurement Confederation, 2022, 199, 111544.	2.5	2
4	A Novel Prognostics Approach Using Shifting Kernel Particle Filter of Li-Ion Batteries Under State Changes. IEEE Transactions on Industrial Electronics, 2021, 68, 3485-3493.	5.2	31
5	Frequency energy shift method for bearing fault prognosis using microphone sensor. Mechanical Systems and Signal Processing, 2021, 147, 107068.	4.4	27
6	Machine Health Assessment Based on an Anomaly Indicator Using a Generative Adversarial Network. International Journal of Precision Engineering and Manufacturing, 2021, 22, 1113-1124.	1.1	6
7	Challenges and Opportunities of System-Level Prognostics. Sensors, 2021, 21, 7655.	2.1	13
8	A Study Toward Appropriate Architecture of System-Level Prognostics: Physics-Based and Data-Driven Approaches. IEEE Access, 2021, 9, 157960-157972.	2.6	6
9	Prediction of remaining useful life by data augmentation technique based on dynamic time warping. Mechanical Systems and Signal Processing, 2020, 136, 106486.	4.4	31
10	Transfer Learning-Based Fault Diagnosis under Data Deficiency. Applied Sciences (Switzerland), 2020, 10, 7768.	1.3	12
11	Information Value-Based Fault Diagnosis of Train Door System under Multiple Operating Conditions. Sensors, 2020, 20, 3952.	2.1	3
12	A Tutorial for Feature Engineering in the Prognostics and Health Management of Gears and Bearings. Applied Sciences (Switzerland), 2020, 10, 5639.	1.3	19
13	Diagnostics 101: A Tutorial for Fault Diagnostics of Rolling Element Bearing Using Envelope Analysis in MATLAB. Applied Sciences (Switzerland), 2020, 10, 7302.	1.3	36
14	Feature extraction for bearing prognostics using weighted correlation of fault frequencies over cycles. Structural Health Monitoring, 2020, 19, 1808-1820.	4.3	17
15	Ranked Feature-Based Laser Material Processing Monitoring and Defect Diagnosis Using k-NN and SVM. Journal of Manufacturing Processes, 2020, 55, 307-316.	2.8	31
16	A Comparative Study of Fault Diagnosis for Train Door System: Traditional versus Deep Learning Approaches. Sensors, 2019, 19, 5160.	2.1	16
17	Convolutional neural network for gear fault diagnosis based on signal segmentation approach. Structural Health Monitoring, 2019, 18, 1401-1415.	4.3	39
18	Gear fault diagnosis using transmission error and ensemble empirical mode decomposition. Mechanical Systems and Signal Processing, 2018, 108, 262-275.	4.4	107

#	Article	IF	Citations
19	Tutorial for Prognostics and Health Management of Gears and Bearings : Advanced Signal Processing Technique. Transactions of the Korean Society of Mechanical Engineers, A, 2018, 42, 1119-1131.	0.1	4