

Seokgoo Kim

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

412
citations

759055

12
h-index

794469

19
g-index

19
all docs

19
docs citations

19
times ranked

369
citing authors

#	ARTICLE	IF	CITATIONS
1	Gear fault diagnosis using transmission error and ensemble empirical mode decomposition. Mechanical Systems and Signal Processing, 2018, 108, 262-275.	4.4	107
2	Convolutional neural network for gear fault diagnosis based on signal segmentation approach. Structural Health Monitoring, 2019, 18, 1401-1415.	4.3	39
3	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
4	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
5	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
6	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
7	Frequency energy shift method for bearing fault prognosis using microphone sensor. Mechanical Systems and Signal Processing, 2021, 147, 107068.	4.4	27
8	A Tutorial for Feature Engineering in the Prognostics and Health Management of Gears and Bearings. Applied Sciences (Switzerland), 2020, 10, 5639.	1.3	19
9	Feature extraction for bearing prognostics using weighted correlation of fault frequencies over cycles. Structural Health Monitoring, 2020, 19, 1808-1820.	4.3	17
10	A Comparative Study of Fault Diagnosis for Train Door System: Traditional versus Deep Learning Approaches. Sensors, 2019, 19, 5160.	2.1	16
11	Challenges and Opportunities of System-Level Prognostics. Sensors, 2021, 21, 7655.	2.1	13
12	Transfer Learning-Based Fault Diagnosis under Data Deficiency. Applied Sciences (Switzerland), 2020, 10, 7768.	1.3	12
13	Inspection schedule for prognostics with uncertainty management. Reliability Engineering and System Safety, 2022, 222, 108391.	5.1	8
14	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
15	A Study Toward Appropriate Architecture of System-Level Prognostics: Physics-Based and Data-Driven Approaches. IEEE Access, 2021, 9, 157960-157972.	2.6	6
16	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
17	A Robust Health Indicator for Rotating Machinery Under Time-Varying Operating Conditions. IEEE Access, 2022, 10, 4993-5001.	2.6	4
18	Information Value-Based Fault Diagnosis of Train Door System under Multiple Operating Conditions. Sensors, 2020, 20, 3952.	2.1	3

#	ARTICLE	IF	CITATIONS
19	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