Jungho Park

List of Publications by Year
in descending order

10	431	1040056 9	1372567 10
papers	citations	h-index	g-index

10	10	10	374
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A comprehensive review of artificial intelligence-based approaches for rolling element bearing PHM: shallow and deep learning. JMST Advances, 2019, 1, 125-151.	1.9	97
2	Autocorrelation-based time synchronous averaging for condition monitoring of planetary gearboxes in wind turbines. Mechanical Systems and Signal Processing, 2016, 70-71, 161-175.	8.0	88
3	Model-Based Fault Diagnosis of a Planetary Gear: A Novel Approach Using Transmission Error. IEEE Transactions on Reliability, 2016, 65, 1830-1841.	4.6	52
4	Phase-based time domain averaging (PTDA) for fault detection of a gearbox in an industrial robot using vibration signals. Mechanical Systems and Signal Processing, 2020, 138, 106544.	8.0	45
5	A positive energy residual (PER) based planetary gear fault detection method under variable speed conditions. Mechanical Systems and Signal Processing, 2019, 117, 347-360.	8.0	37
6	A framework of model validation and virtual product qualification with limited experimental data based on statistical inference. Structural and Multidisciplinary Optimization, 2015, 51, 573-583.	3.5	30
7	Toothwise Fault Identification for a Planetary Gearbox Based on a Health Data Map. IEEE Transactions on Industrial Electronics, 2018, 65, 5903-5912.	7.9	27
8	Cepstrum-assisted empirical wavelet transform (CEWT)-based improved demodulation analysis for fault diagnostics of planetary gearboxes. Measurement: Journal of the International Measurement Confederation, 2021, 183, 109796.	5.0	24
9	Variance of energy residual (VER): An efficient method for planetary gear fault detection under variable-speed conditions. Journal of Sound and Vibration, 2019, 453, 253-267.	3.9	19
10	An image-based feature extraction method for fault diagnosis of variable-speed rotating machinery. Mechanical Systems and Signal Processing, 2022, 167, 108524.	8.0	12