Kyumin Na

List of Publications by Year
in descending order

8	201	1163117	1588992
papers	citations	8	8
		h-index	g-index

8	8	8	136
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	A health-adaptive time-scale representation (HTSR) embedded convolutional neural network for gearbox fault diagnostics. Mechanical Systems and Signal Processing, 2022, 167, 108575.	8.0	22
3	A deep transferable motion-adaptive fault detection method for industrial robots using a residual–convolutional neural network. ISA Transactions, 2022, 128, 521-534.	5.7	15
4	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
5	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
6	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
7	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
8	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