

Kyumin Na

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

201
citations

1163117
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all docs

8
docs citations

8
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase-based time domain averaging (PTDA) for fault detection of a gearbox in an industrial robot using vibration signals. <i>Mechanical Systems and Signal Processing</i> , 2020, 138, 106544.	8.0	45
2	A positive energy residual (PER) based planetary gear fault detection method under variable speed conditions. <i>Mechanical Systems and Signal Processing</i> , 2019, 117, 347-360.	8.0	37
3	Toothwise Fault Identification for a Planetary Gearbox Based on a Health Data Map. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 5903-5912.	7.9	27
4	Cepstrum-assisted empirical wavelet transform (CEWT)-based improved demodulation analysis for fault diagnostics of planetary gearboxes. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 183, 109796.	5.0	24
5	A health-adaptive time-scale representation (HTSR) embedded convolutional neural network for gearbox fault diagnostics. <i>Mechanical Systems and Signal Processing</i> , 2022, 167, 108575.	8.0	22
6	Variance of energy residual (VER): An efficient method for planetary gear fault detection under variable-speed conditions. <i>Journal of Sound and Vibration</i> , 2019, 453, 253-267.	3.9	19
7	A deep transferable motion-adaptive fault detection method for industrial robots using a residual-convolutional neural network. <i>ISA Transactions</i> , 2022, 128, 521-534.	5.7	15
8	An image-based feature extraction method for fault diagnosis of variable-speed rotating machinery. <i>Mechanical Systems and Signal Processing</i> , 2022, 167, 108524.	8.0	12