

Yih-Hwang Lin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Automated Fault Classification of Reciprocating Compressors from Vibration Data: A Case Study on Optimization Using Genetic Algorithm. <i>Procedia Engineering</i> , 2014, 79, 355-361.	1.2	7
2	Automated valve condition classification of a reciprocating compressor with seeded faults: experimentation and validation of classification strategy. <i>Smart Materials and Structures</i> , 2009, 18, 095020.	3.5	9
3	An experimental study on active micro-vibration suppression of a flexible beam mounted on an elastic base. <i>Measurement Science and Technology</i> , 2007, 18, 1823-1830.	2.6	0
4	Robust modal vibration suppression of a flexible rotor. <i>Mechanical Systems and Signal Processing</i> , 2007, 21, 334-347.	8.0	19
5	Active vibration control of a flexible beam mounted on an elastic base. <i>Finite Elements in Analysis and Design</i> , 2006, 43, 59-67.	3.2	8
6	Automated condition classification of a reciprocating compressor using time-frequency analysis and an artificial neural network. <i>Smart Materials and Structures</i> , 2006, 15, 1576-1584.	3.5	17
7	Optimal modal vibration suppression of a fluid-conveying pipe with a divergent mode. <i>Journal of Sound and Vibration</i> , 2004, 271, 577-597.	3.9	15
8	Active modal control of a flexible rotor. <i>Mechanical Systems and Signal Processing</i> , 2004, 18, 1117-1131.	8.0	7
9	Optimal weight design of rotor systems with oil-film bearings subjected to frequency constraints. <i>Finite Elements in Analysis and Design</i> , 2001, 37, 777-798.	3.2	15
10	PERFORMANCE OF A REGULATOR DESIGN FOR VIBRATION CONTROL OF BEAMS SUBJECTED TO MULTIPLE MOVING LOADS. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsuch K'an</i> , 1997, 20, 325-334.	1.1	2
11	Optimal Vibration Suppression in Modal Space for Flexible Beams Subjected to Moving Loads. <i>Shock and Vibration</i> , 1997, 4, 39-50.	0.6	5
12	Discretization considerations in moving load finite element beam models. <i>Finite Elements in Analysis and Design</i> , 1996, 21, 129-144.	3.2	55
13	Finite Element Analysis of Fluid-Conveying Timoshenko Pipes. <i>Shock and Vibration</i> , 1995, 2, 247-255.	0.6	7
14	Dynamic Modeling and Analysis of a High Speed Precision Drilling Machine. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 1990, 112, 355-365.	1.6	22