

Yih-Hwang Lin

List of Publications by Year in descending order

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14
papers

188
citations

1163117

8
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

154
citing authors

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