Tian-Yau Wu

List of Publications by Year
in descending order

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10 papers	221 citations	1683934 5 h-index	1588896 8 g-index
10 all docs	10 docs citations	10 times ranked	281 citing authors

#	Article	IF	Citations
1	Multi-Scale Analysis Based Ball Bearing Defect Diagnostics Using Mahalanobis Distance and Support Vector Machine. Entropy, 2013, 15, 416-433.	1.1	87
2	Computer-Aided Diagnosis of Skin Lesions Using Conventional Digital Photography: A Reliability and Feasibility Study. PLoS ONE, 2013, 8, e76212.	1.1	69
3	A looseness identification approach for rotating machinery based on post-processing of ensemble empirical mode decomposition and autoregressive modeling. JVC/Journal of Vibration and Control, 2012, 18, 796-807.	1.5	27
4	On Multi-Scale Entropy Analysis of Order-Tracking Measurement for Bearing Fault Diagnosis under Variable Speed. Entropy, 2016, 18, 292.	1.1	14
5	Optimization of Machining Parameters in Milling Process of Inconel 718 under Surface Roughness Constraints. Applied Sciences (Switzerland), 2021, 11, 2137.	1.3	9
6	Vibration isolator design via energy confinement through eigenvector assignment and piezoelectric networking. , 2004, , .		4
7	Application of Empirical Mode Decomposition and Envelop Analysis to Fault Diagnosis in Roller Bearing with Single/Double Defect. Smart Science, 2017, 5, 150-159.	1.9	4
8	The bearing fault diagnosis of rotating machinery by using Hilbert-Huang transform. , 2011, , .		3
9	Identification of Milling Status Using Vibration Feature Extraction Techniques and Support Vector Machine Classifier. Inventions, 2018, 3, 25.	1.3	2
10	Analogy Study of Center-Of-Pressure and Acceleration Measurement for Evaluating Human Body Balance via Segmentalized Principal Component Analysis. Applied Sciences (Switzerland), 2019, 9, 4779.	1.3	2