

Shuming Wu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

389
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1478505

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1372567

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g-index

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docs citations

16
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	Blade Crack Detection using Blade Tip Timing. IEEE Transactions on Instrumentation and Measurement, 2021, , 1-1.	4.7	7
2	Subspace Dimension Reduction for Faster Multiple Signal Classification in Blade Tip Timing. IEEE Transactions on Instrumentation and Measurement, 2021, , 1-1.	4.7	5
3	Nonlinear dynamic behavior of rotating blade with breathing crack. Frontiers of Mechanical Engineering, 2021, 16, 196-220.	4.3	23
4	An Autocorrelation Method for Asynchronous Vibration Feature Extraction in Blade Tip Timing. , 2021, , .		0
5	A Virtual Blade Tip Timing Measurement Method for Foreign Object Damage. , 2021, , .		1
6	An OPR-Free Blade Tip Timing Method for Rotating Blade Condition Monitoring. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	4.7	4
7	Adaptive Iterative Approach for Efficient Signal Processing of Blade Tip Timing. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	7
8	An OPR-free Blade Tip Timing Method Based on Blade Spacing Change. , 2020, , .		4
9	An Improved Multiple Signal Classification for Nonuniform Sampling in Blade Tip Timing. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 7941-7952.	4.7	58
10	A Hybrid Fault Diagnosis Approach for Blade Crack Detection using Blade Tip Timing. , 2020, , .		4
11	Sparsity-Assisted Fault Feature Enhancement: Algorithm-Aware Versus Model-Aware. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 7004-7014.	4.7	13
12	An Adaptive Online Blade Health Monitoring Method: From Raw Data to Parameters Identification. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2581-2592.	4.7	51
13	Enhanced Sparse Period-Group Lasso for Bearing Fault Diagnosis. IEEE Transactions on Industrial Electronics, 2019, 66, 2143-2153.	7.9	146
14	Physical constraints fused equiangular tight frame method for Blade Tip Timing sensor arrangement. Measurement: Journal of the International Measurement Confederation, 2019, 145, 841-851.	5.0	57
15	Blade Tip Timing: from Raw Data to Parameters Identification. , 2019, , .		6
16	Foreign Object Damage Diagnosis of Aero-Engine Compressor Based on Damping Averaging Built-in Matrix Method. , 2018, , .		3