

Zhenni Li

List of Publications by Year in descending order

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724
citing authors

#	ARTICLE	IF	CITATIONS
1	Matching Demodulation Transform and SynchroSqueezing in Time-Frequency Analysis. IEEE Transactions on Signal Processing, 2014, 62, 69-84.	5.3	274
2	Compressed sensing based on dictionary learning for extracting impulse components. Signal Processing, 2014, 96, 94-109.	3.7	162
3	Matching Demodulation Transform With Application to Feature Extraction of Rotor Rub-Impact Fault. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 1372-1383.	4.7	88
4	An Accurate and Robust Approach of Device-Free Localization With Convolutional Autoencoder. IEEE Internet of Things Journal, 2019, 6, 5825-5840.	8.7	59
5	Wave motion analysis in arch structures via wavelet finite element method. Journal of Sound and Vibration, 2014, 333, 446-469.	3.9	53
6	Composite Damage Detection Based on Redundant Second-Generation Wavelet Transform and Fractal Dimension Tomography Algorithm of Lamb Wave. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 1354-1363.	4.7	37
7	Nonlocal sparse model with adaptive structural clustering for feature extraction of aero-engine bearings. Journal of Sound and Vibration, 2016, 368, 223-248.	3.9	29
8	Quantitative Damage Detection and Sparse Sensor Array Optimization of Carbon Fiber Reinforced Resin Composite Laminates for Wind Turbine Blade Structural Health Monitoring. Sensors, 2014, 14, 7312-7331.	3.8	25
9	Crack growth sparse pursuit for wind turbine blade. Smart Materials and Structures, 2015, 24, 015002.	3.5	16
10	Intrusion Detection Based on Device-Free Localization in the Era of IoT. Symmetry, 2019, 11, 630.	2.2	15
11	Kurtosis-Based Constrained Independent Component Analysis and Its Application on Source Contribution Quantitative Estimation. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 1842-1854.	4.7	14
12	Dictionary learning with the cospase analysis model based on summation of blocked determinants as the sparseness measure. , 2016, 48, 298-309.		12
13	Device-Free Localization via Dictionary Learning with Difference of Convex Programming. IEEE Sensors Journal, 2017, , 1-1.	4.7	12
14	Strain Rate Dependent Deformation of a Polymer Matrix Composite with Different Microstructures Subjected to Off-Axis Loading. Mathematical Problems in Engineering, 2014, 2014, 1-11.	1.1	4
15	Accurate Defect Detection in Thin-Wall Structures With Transducer Networks via Outlier Elimination. IEEE Sensors Journal, 2018, 18, 9619-9628.	4.7	4
16	Defect detection on thin-wall structure via dictionary learning. , 2017, , .		2
17	Composite damage identification based on lamb wave and redundant second generation wavelet. , 2012, , .		1