

# Zhiwen Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9069965/publications.pdf>

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1684129  
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#	ARTICLE	IF	CITATIONS
1	Robust fault diagnosis of rolling bearing via phase space reconstruction of intrinsic mode functions and neural network under various operating conditions. <i>Structural Health Monitoring</i> , 2023, 22, 846-864.	7.5	21
2	Baseline-Free Adaptive Crack Localization for Operating Stepped Rotors Based on Multiscale Data Fusion. <i>Sensors</i> , 2020, 20, 5693.	3.8	1
3	Crack localization in stepped rotors based on Bayesian fusion of multiscale superharmonic characteristic deflection shapes. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2020, 43, 2200-2213.	3.4	6
4	A Super-Harmonic Feature Based Updating Method for Crack Identification in Rotors Using a Kriging Surrogate Model. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2428.	2.5	17
5	Crack Parameters Identification Based on a Kriging Surrogate Model for Operating Rotors. <i>Shock and Vibration</i> , 2018, 2018, 1-12.	0.6	7
6	Localization of breathing cracks in stepped rotors using superharmonic characteristic deflection shapes based on singular value decomposition in frequency domain. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2017, 40, 1825-1837.	3.4	15
7	Multicrack Localization in Rotors Based on Proper Orthogonal Decomposition Using Fractal Dimension and Gapped Smoothing Method. <i>Shock and Vibration</i> , 2016, 2016, 1-17.	0.6	5