

Len Gelman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/222060/publications.pdf>

Version: 2024-02-01

11
papers

115
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

61
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel method of estimation of inertial and dissipative parameters of a railway pantograph model. <i>Vehicle System Dynamics</i> , 2022, 60, 2413-2435.	3.7	3
2	A Fuzzy Fusion Rotating Machinery Fault Diagnosis Framework Based on the Enhancement Deep Convolutional Neural Networks. <i>Sensors</i> , 2022, 22, 671.	3.8	18
3	Vibration health monitoring of rolling bearings under variable speed conditions by novel demodulation technique. <i>Structural Control and Health Monitoring</i> , 2021, 28, e2672.	4.0	15
4	Novel Instantaneous Wavelet Bicoherence for Vibration Fault Detection in Gear Systems. <i>Energies</i> , 2021, 14, 6811.	3.1	8
5	Novel Prediction of Diagnosis Effectiveness for Adaptation of the Spectral Kurtosis Technology to Varying Operating Conditions. <i>Sensors</i> , 2021, 21, 6913.	3.8	6
6	Novel Higher-Order Spectral Cross-Correlation Technologies for Vibration Sensor-Based Diagnosis of Gearboxes. <i>Sensors</i> , 2020, 20, 5131.	3.8	14
7	Novel Fault Identification for Electromechanical Systems via Spectral Technique and Electrical Data Processing. <i>Electronics (Switzerland)</i> , 2020, 9, 1560.	3.1	6
8	Novel Method for Vibration Sensor-Based Instantaneous Defect Frequency Estimation for Rolling Bearings Under Non-Stationary Conditions. <i>Sensors</i> , 2020, 20, 5201.	3.8	10
9	Novel vibration structural health monitoring technology for deep foundation piles by non-stationary higher order frequency response function. <i>Structural Control and Health Monitoring</i> , 2020, 27, e2526.	4.0	14
10	Novel health monitoring technology for in-service diagnostics of intake separation in aircraft engines. <i>Structural Control and Health Monitoring</i> , 2020, 27, e2479.	4.0	14
11	Vibration analysis of rotating porous functionally graded material beams using exact formulation. <i>JVC/Journal of Vibration and Control</i> , 0, , 107754632110278.	2.6	7