Len Gelman

List of Publications by Year
in descending order

11	115	1307594 7	1372567 10
papers	citations	h-index	g-index

11	11	11	61
all docs	docs citations	times ranked	citing authors

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