

Ziemowit Dworakowski

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

290
citations

1162889

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887953

17
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37
all docs

37
docs citations

37
times ranked

348
citing authors

#	ARTICLE	IF	CITATIONS
1	Fuzzy-Logic-Based Recommendation System for Processing in Condition Monitoring. <i>Sensors</i> , 2022, 22, 3695.	2.1	6
2	Diagnostic-Quality Guided Wave Signals Synthesized Using Generative Adversarial Neural Networks. <i>Sensors</i> , 2022, 22, 3848.	2.1	1
3	An anomaly detection method for rotating machinery monitoring based on the most representative data. <i>Journal of Vibroengineering</i> , 2021, 23, 861-876.	0.5	7
4	Comparison of Novelty Detection Methods for Detection of Various Rotary Machinery Faults. <i>Sensors</i> , 2021, 21, 3536.	2.1	6
5	Application of PZT Ceramic Sensors for Composite Structure Monitoring Using Harmonic Excitation Signals and Bayesian Classification Approach. <i>Materials</i> , 2021, 14, 5468.	1.3	9
6	Recommendation System for Signal Processing in SHM. <i>Lecture Notes in Computer Science</i> , 2021, , 328-337.	1.0	1
7	Indirect Measurement of Loading Forces with High-Speed Camera. <i>Sensors</i> , 2021, 21, 6643.	2.1	4
8	Operational Deflection Shapes Magnification and Visualization Using Optical-Flow-Based Image Processing. <i>Sensors</i> , 2021, 21, 8351.	2.1	0
9	Damage Detection in Plates with the Use of Laser-Measured Mode Shapes. <i>Shock and Vibration</i> , 2020, 1-20.	0.3	1
10	Identification of the stick and slip motion between contact surfaces using artificial neural networks. <i>Nonlinear Dynamics</i> , 2020, 100, 225-242.	2.7	3
11	Vibration-based diagnostics of epicyclic gearboxes – From classical to soft-computing methods. Measurement: <i>Journal of the International Measurement Confederation</i> , 2019, 147, 106811.	2.5	23
12	Neural Net Model Predictive Controller for Adaptive Active Vibration Suppression of an Unknown System. <i>Lecture Notes in Computer Science</i> , 2019, , 102-112.	1.0	0
13	Epicyclic gearbox fault detection by Instantaneous Circular Pitch Cycle Map. <i>Mechanical Systems and Signal Processing</i> , 2019, 121, 600-614.	4.4	7
14	Reinforcement learning for vibration suppression of an unknown system. <i>Mechanisms and Machine Science</i> , 2019, , 4045-4054.	0.3	2
15	A review of methods for excitation force reconstruction. <i>Diagnostyka</i> , 2019, 20, 11-19.	0.5	8
16	A novel method for speed recovery from vibration signal under highly non-stationary conditions. Measurement: <i>Journal of the International Measurement Confederation</i> , 2018, 128, 13-22.	2.5	14
17	Effectiveness evaluation of the damage localization with a local spatial filtration under variable external conditions. <i>Diagnostyka</i> , 2018, 20, 55-61.	0.5	3
18	Selection of Suitable Method for Speed Recovery from Vibration Signal. <i>Applied Condition Monitoring</i> , 2018, , 103-110.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Artificial neural network ensembles for fatigue damage detection in aircraft. Journal of Intelligent Material Systems and Structures, 2017, 28, 851-861.	1.4	30
20	Application of vision measurements for modal analysis of wires for the purpose of overhead transmission lines monitoring. Journal of Physics: Conference Series, 2017, 842, 012011.	0.3	1
21	Development of novel general equation for multistage epicyclic gearset with corrected teeth: non-constrained approach. Proceedings of SPIE, 2016, , .	0.8	0
22	Development of novel general equation for multistage epicyclic gearset with corrected teeth: fixed-speed approach. , 2016, , .		0
23	Vision-based algorithms for damage detection and localization in structural health monitoring. Structural Control and Health Monitoring, 2016, 23, 35-50.	1.9	79
24	Multi-stage temperature compensation method for Lamb wave measurements. Journal of Sound and Vibration, 2016, 382, 328-339.	2.1	26
25	Ensemble ANN Classifier for Structural Health Monitoring. Lecture Notes in Computer Science, 2016, , 81-90.	1.0	1
26	Vision-based measurement systems for static and dynamic characteristics of overhead lines. Journal of Vibroengineering, 2016, 18, 2113-2122.	0.5	7
27	Damage localization in plates with use of the procedure based on Modal Filtration. Journal of Physics: Conference Series, 2015, 628, 012028.	0.3	0
28	Data fusion for compensation of temperature variations in Lamb-wave based SHM systems. Proceedings of SPIE, 2015, , .	0.8	2
29	Application of artificial neural networks for compounding multiple damage indices in Lamb-wave-based damage detection. Structural Control and Health Monitoring, 2015, 22, 50-61.	1.9	27
30	A structure's deflection measurement and monitoring system supported by a vision system. TM Technisches Messen, 2014, 81, 635-643.	0.3	14
31	Application of Artificial Neural Networks for Damage Indices Classification with the Use of Lamb Waves for the Aerospace Structures. Key Engineering Materials, 0, 588, 12-21.	0.4	7
32	Speed Extraction from Vibration Signal using ANNs and Broadband Features. , 0, , .		0
33	Reinforcement-learning-based Identification of the System for the Purpose of Structural Change Detection. , 0, , .		0