

Adam Glowacz

List of Publications by Year in descending order

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147
papers

5,459
citations

76326
40
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91884
69
g-index

148
all docs

148
docs citations

148
times ranked

4069
citing authors

#	ARTICLE	IF	CITATIONS
1	VMD based trigonometric entropy measure: a simple and effective tool for dynamic degradation monitoring of rolling element bearing. Measurement Science and Technology, 2022, 33, 014005.	2.6	59
2	Development and Performance Measurement of an Affordable Unmanned Surface Vehicle (USV). Automation, 2022, 3, 27-46.	2.3	6
3	Analyzing Distributed Vibrating Sensing Technologies in Optical Meshes. Micromachines, 2022, 13, 85.	2.9	1
4	Navigating an Automated Driving Vehicle via the Early Fusion of Multi-Modality. Sensors, 2022, 22, 1425.	3.8	12
5	Condition monitoring of water pump bearings using ensemble classifier. Advances in Mechanical Engineering, 2022, 14, 168781322210891.	1.6	4
6	An Embedded System Using Convolutional Neural Network Model for Online and Real-Time ECG Signal Classification and Prediction. Diagnostics, 2022, 12, 795.	2.6	8
7	Damage Detection for Conveyor Belt Surface Based on Conditional Cycle Generative Adversarial Network. Sensors, 2022, 22, 3485.	3.8	16
8	Influence of Elbow Angle on Erosion-Corrosion of 1018 Steel for Gas-Liquid-Solid Three Phase Flow. Materials, 2022, 15, 3721.	2.9	9
9	Non-Thermal Plasma Reduction of Ag ⁺ Ions into Silver Nanoparticles in Open Atmosphere under Statistically Optimized Conditions for Biological and Photocatalytic Applications. Materials, 2022, 15, 3826.	2.9	2
10	A New Kinect V2-Based Method for Visual Recognition and Grasping of a Yarn-Bobbin-Handling Robot. Micromachines, 2022, 13, 886.	2.9	5
11	Adaptive Contrastive Learning with Label Consistency for Source Data Free Unsupervised Domain Adaptation. Sensors, 2022, 22, 4238.	3.8	3
12	A Novel Routing Protocol Based on Elliptical Shaped Movement of Autonomous Underwater Vehicles in Data Gathering Process for Underwater Wireless Sensor Network. Sensors, 2022, 22, 5269.	3.8	6
13	Accident Prevention Analysis: Exploring the Intellectual Structure of a Research Field. Sustainability, 2022, 14, 8784.	3.2	10
14	Fault diagnosis of electric impact drills using thermal imaging. Measurement: Journal of the International Measurement Confederation, 2021, 171, 108815.	5.0	171
15	Molybdenum strip test experiments and simulations at various temperatures to determine friction coefficients. Measurement: Journal of the International Measurement Confederation, 2021, 172, 108859.	5.0	4
16	An Optimal Framework for WDM Systems Using Analytical Characterization of Refractive Index-Related Nonlinear Impairments. Electronics (Switzerland), 2021, 10, 221.	3.1	7
17	Novel Convolutional Neural Network (NCNN) for the Diagnosis of Bearing Defects in Rotary Machinery. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	96
18	Sounds and acoustic emission-based early fault diagnosis of induction motor: A review study. Advances in Mechanical Engineering, 2021, 13, 168781402199691.	1.6	98

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19	Mitigation of Phase Noise and Nonlinearities for High Capacity Radio-over-Fiber Links. Electronics (Switzerland), 2021, 10, 345.	3.1	5
20	Security Framework for IoT Based Real-Time Health Applications. Electronics (Switzerland), 2021, 10, 719.	3.1	29
21	Heat Transfer Optimization of end Winding Rotor Generator by the Use of Modified Axial Spacer: A Case Study. Journal of Physics: Conference Series, 2021, 1845, 012081.	0.4	1
22	Role of Hybrid Deep Neural Networks (HDNNs), Computed Tomography, and Chest X-rays for the Detection of COVID-19. International Journal of Environmental Research and Public Health, 2021, 18, 3056.	2.6	68
23	Mapping the knowledge domains of new energy vehicle safety: Informetrics analysis-based studies. Journal of Energy Storage, 2021, 35, 102275.	8.1	26
24	Towards Controlled Transmission: A Novel Power-Based Sparsity-Aware and Energy-Efficient Clustering for Underwater Sensor Networks in Marine Transport Safety. Electronics (Switzerland), 2021, 10, 854.	3.1	8
25	Ventilation Diagnosis of Angle Grinder Using Thermal Imaging. Sensors, 2021, 21, 2853.	3.8	135
26	De-Emulsification and Gravity Separation of Micro-Emulsion Produced with Enhanced Oil Recovery Chemicals Flooding. Energies, 2021, 14, 2249.	3.1	12
27	Natural Disasters Intensity Analysis and Classification Based on Multispectral Images Using Multi-Layered Deep Convolutional Neural Network. Sensors, 2021, 21, 2648.	3.8	26
28	A Novel Method for COVID-19 Diagnosis Using Artificial Intelligence in Chest X-ray Images. Healthcare (Switzerland), 2021, 9, 522.	2.0	58
29	Centrifugal Compressor Stall Control by the Application of Engineered Surface Roughness on Diffuser Shroud Using Numerical Simulations. Materials, 2021, 14, 2033.	2.9	5
30	Study of Jatropha curcas Linn and Olea europaea as Bio-Oil Lubricant to Physical Properties and Wear Rate. Lubricants, 2021, 9, 39.	2.9	5
31	Lane Line Detection Based on Object Feature Distillation. Electronics (Switzerland), 2021, 10, 1102.	3.1	21
32	TANVEER: Tri-Angular Nearest Vector-Based Energy Efficient Routing for IoT-Enabled Acoustic Sensor and Actor Networks (I-ASANs). Sensors, 2021, 21, 3578.	3.8	4
33	Synthesis, Surface Nitriding and Characterization of Ti-Nb Modified 316L Stainless Steel Alloy Using Powder Metallurgy. Materials, 2021, 14, 3270.	2.9	6
34	A CNN Prediction Method for Belt Grinding Tool Wear in a Polishing Process Utilizing 3-Axes Force and Vibration Data. Electronics (Switzerland), 2021, 10, 1429.	3.1	13
35	A Novel Feature Extraction and Fault Detection Technique for the Intelligent Fault Identification of Water Pump Bearings. Sensors, 2021, 21, 4225.	3.8	11
36	Distance Measurement of Unmanned Aerial Vehicles Using Vision-Based Systems in Unknown Environments. Electronics (Switzerland), 2021, 10, 1647.	3.1	5

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37	Analyzing the Features Affecting the Performance of Teachers during Covid-19: A Multilevel Feature Selection. Electronics (Switzerland), 2021, 10, 1673.	3.1	3
38	Real Time Multipurpose Smart Waste Classification Model for Efficient Recycling in Smart Cities Using Multilayer Convolutional Neural Network and Perceptron. Sensors, 2021, 21, 4916.	3.8	23
39	A Design Study of Orthotic Shoe Based on Pain Pressure Measurement Using Algometer for Calcaneal Spur Patients. Technologies, 2021, 9, 62.	5.1	0
40	Fault diagnosis of angle grinders and electric impact drills using acoustic signals. Applied Acoustics, 2021, 179, 108070.	3.3	123
41	Road Object Detection: A Comparative Study of Deep Learning-Based Algorithms. Electronics (Switzerland), 2021, 10, 1932.	3.1	38
42	Smart Fire Detection and Deterrent System for Human Savior by Using Internet of Things (IoT). Energies, 2021, 14, 5500.	3.1	14
43	Impact of Novel Image Preprocessing Techniques on Retinal Vessel Segmentation. Electronics (Switzerland), 2021, 10, 2297.	3.1	5
44	Optimization of Phasor Measurement Unit Placement Using Several Proposed Case Factors for Power Network Monitoring. Energies, 2021, 14, 5596.	3.1	8
45	Global Sensitivity Analysis of Chosen Harmonic Drive Parameters Affecting Its Lost Motion. Materials, 2021, 14, 5057.	2.9	12
46	Empirical Assessment of Machine Learning Techniques for Software Requirements Risk Prediction. Electronics (Switzerland), 2021, 10, 168.	3.1	11
47	Design and Experimental Analysis of Multiband Frequency Reconfigurable Antenna for 5G and Sub-6 GHz Wireless Communication. Micromachines, 2021, 12, 32.	2.9	26
48	Measurement of Unbalanced Voltages in Three-Phase Induction Motors Using Acoustic Transducers and Zero-Crossing-Weighted Energy. , 2021, , .		1
49	Statistically Optimized Production of Saccharides Stabilized Silver Nanoparticles Using Liquidâ€‘Plasma Reduction Approach for Antibacterial Treatment of Water. Materials, 2021, 14, 5841.	2.9	5
50	Synthesis and Characterization of Carbon and Carbon-Nitrogen Doped Black TiO2 Nanomaterials and Their Application in Sonophotocatalytic Remediation of Treated Agro-Industrial Wastewater. Materials, 2021, 14, 6175.	2.9	12
51	Concurrent Synthesis and Immobilization of Ag Nanoparticles over TiO2 via Plasma Reduction for Photocatalytic Treatment of Methyl Blue in Water. Materials, 2021, 14, 6082.	2.9	6
52	Severity Grading and Early Retinopathy Lesion Detection through Hybrid Inception-ResNet Architecture. Sensors, 2021, 21, 6933.	3.8	9
53	Thermographic Fault Diagnosis of Ventilation in BLDC Motors. Sensors, 2021, 21, 7245.	3.8	75
54	Statistical Study of Nonthermal Plasma-Assisted ZnO Coating of Cotton Fabric through Ultrasonic-Assisted Green Synthesis for Improved Self-Cleaning and Antimicrobial Properties. Materials, 2021, 14, 6998.	2.9	7

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55	Design of a Home Fire Detection System Using Arduino and SMS Gateway. Knowledge, 2021, 1, 61-74.	1.5	2
56	Development of Surface EMG Game Control Interface for Persons with Upper Limb Functional Impairments. Signals, 2021, 2, 834-851.	1.9	5
57	Real-Time Littering Activity Monitoring Based on Image Classification Method. Smart Cities, 2021, 4, 1496-1518.	9.4	5
58	Knowledge graph analysis and visualization of research trends on driver behavior. Journal of Intelligent and Fuzzy Systems, 2020, 38, 495-511.	1.4	6
59	Managing Cloud Intelligent Systems over Digital Ecosystems: Revealing Emerging App Technology in the Time of the COVID19 Pandemic. Applied System Innovation, 2020, 3, 37.	4.6	25
60	DSP-Assisted Nonlinear Impairments Tolerant 100 Gbps Optical Backhaul Network for Long-Haul Transmission. Entropy, 2020, 22, 1062.	2.2	6
61	Optical-Interference Mitigation in Visible Light Communication for Intelligent Transport Systems Applications. Energies, 2020, 13, 5064.	3.1	6
62	Influence of Superheated Vapour in Organic Rankine Cycles with Working Fluid R123 Utilizing Low-Temperature Geothermal Resources. Symmetry, 2020, 12, 1463.	2.2	4
63	Affordable and Faster Transradial Prosthetic Socket Production Using Photogrammetry and 3D Printing. Electronics (Switzerland), 2020, 9, 1456.	3.1	9
64	Effective Beamforming Technique Amid Optimal Value for Wireless Communication. Electronics (Switzerland), 2020, 9, 1869.	3.1	8
65	Mechanical Pressure Characterization of CNT-Graphene Composite Material. Micromachines, 2020, 11, 1000.	2.9	11
66	A Review of Artificial Intelligence Methods for Condition Monitoring and Fault Diagnosis of Rolling Element Bearings for Induction Motor. Shock and Vibration, 2020, 2020, 1-20.	0.6	87
67	Integration of Discrete Wavelet Transform, DBSCAN, and Classifiers for Efficient Content Based Image Retrieval. Electronics (Switzerland), 2020, 9, 1886.	3.1	11
68	Improved Analysis on the Fin Reliability of a Plate Fin Heat Exchanger for Usage in LNG Applications. Energies, 2020, 13, 3624.	3.1	3
69	Comparison of Machine Learning Classifiers for Accurate Prediction of Real-Time Stuck Pipe Incidents. Energies, 2020, 13, 3683.	3.1	15
70	Research on a Sliding Detection Method for an Elevator Traction Wheel Based on Machine Vision. Symmetry, 2020, 12, 1158.	2.2	5
71	A Simple Foot Plantar Pressure Measurement Platform System Using Force-Sensing Resistors. Applied System Innovation, 2020, 3, 33.	4.6	3
72	IoT Based Smart Parking System Using Deep Long Short Memory Network. Electronics (Switzerland), 2020, 9, 1696.	3.1	59

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73	Fuzzy-Based Fault-Tolerant Control for Omnidirectional Mobile Robot. <i>Machines</i> , 2020, 8, 55.	2.2	34
74	Waste Management and Prediction of Air Pollutants Using IoT and Machine Learning Approach. <i>Energies</i> , 2020, 13, 3930.	3.1	57
75	Partitioned Stator Switched Flux Machine: Novel Winding Configurations. <i>Entropy</i> , 2020, 22, 920.	2.2	1
76	Multistage Segmentation of Prostate Cancer Tissues Using Sample Entropy Texture Analysis. <i>Entropy</i> , 2020, 22, 1370.	2.2	11
77	Savior: A Reliable Fault Resilient Router Architecture for Network-on-Chip. <i>Electronics (Switzerland)</i> , 2020, 9, 1783.	3.1	5
78	Mitigation of Nonlinear Distortions for a 100 Gb/s Radio-Over-Fiber-Based WDM Network. <i>Electronics (Switzerland)</i> , 2020, 9, 1796.	3.1	10
79	Do Corporate Social Responsibility Disclosures Improve Financial Performance? A Perspective of the Islamic Banking Industry in Pakistan. <i>Sustainability</i> , 2020, 12, 3302.	3.2	30
80	Predicting the Structural Reliability of LNG Processing Plate-Fin Heat Exchanger for Energy Conservation. <i>Energies</i> , 2020, 13, 2175.	3.1	4
81	A Review of In-Vivo and In-Vitro Real-Time Corrosion Monitoring Systems of Biodegradable Metal Implants. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3141.	2.5	22
82	IoT-Based Smart Waste Bin Monitoring and Municipal Solid Waste Management System for Smart Cities. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 10185-10198.	3.0	81
83	Grasp Posture Control of Wearable Extra Robotic Fingers with Flex Sensors Based on Neural Network. <i>Electronics (Switzerland)</i> , 2020, 9, 905.	3.1	15
84	Comparison of Selected Parameters of a Planetary Gearbox with Involute and Convexâ€“Concave Teeth Flank Profiles. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1417.	2.5	21
85	Towards Short Term Electricity Load Forecasting Using Improved Support Vector Machine and Extreme Learning Machine. <i>Energies</i> , 2020, 13, 2907.	3.1	57
86	A Novel High Gain Wideband MIMO Antenna for 5G Millimeter Wave Applications. <i>Electronics (Switzerland)</i> , 2020, 9, 1031.	3.1	96
87	Signal Processing and Analysis of Electrical Circuit. <i>Electronics (Switzerland)</i> , 2020, 9, 17.	3.1	1
88	Modelling of Material Removal in Abrasive Belt Grinding Process: A Regression Approach. <i>Symmetry</i> , 2020, 12, 99.	2.2	24
89	Pattern Recognition of Single-Channel sEMG Signal Using PCA and ANN Method to Classify Nine Hand Movements. <i>Symmetry</i> , 2020, 12, 541.	2.2	39
90	Evaluation of Quality and Readability of Online Health Information on High Blood Pressure Using DISCERN and Flesch-Kincaid Tools. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3214.	2.5	14

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91	Fault diagnosis of single-phase induction motor based on acoustic signals. Mechanical Systems and Signal Processing, 2019, 117, 65-80.	8.0	270
92	Visualizing the Knowledge Structure and Research Evolution of Infrared Detection Technology Studies. Information (Switzerland), 2019, 10, 227.	2.9	24
93	An Automated ECG Beat Classification System Using Deep Neural Networks with an Unsupervised Feature Extraction Technique. Applied Sciences (Switzerland), 2019, 9, 2921.	2.5	55
94	Acoustic fault analysis of three commutator motors. Mechanical Systems and Signal Processing, 2019, 133, 106226.	8.0	81
95	Soft Elbow Exoskeleton for Upper Limb Assistance Incorporating Dual Motor-Tendon Actuator. Electronics (Switzerland), 2019, 8, 1184.	3.1	20
96	In-process virtual verification of weld seam removal in robotic abrasive belt grinding process using deep learning. Robotics and Computer-Integrated Manufacturing, 2019, 57, 477-487.	9.9	61
97	Deep Learning with a Recurrent Network Structure in the Sequence Modeling of Imbalanced Data for ECG-Rhythm Classifier. Algorithms, 2019, 12, 118.	2.1	41
98	In-Vivo Corrosion Characterization and Assessment of Absorbable Metal Implants. Coatings, 2019, 9, 282.	2.6	26
99	Effect of In-Shoe Foot Orthosis Contours on Heel Pain Due to Calcaneal Spurs. Applied Sciences (Switzerland), 2019, 9, 495.	2.5	6
100	Comparison of the Utilization of 110 Â°C and 120 Â°C Heat Sources in a Geothermal Energy System Using Organic Rankine Cycle (ORC) with R245fa, R123, and Mixed-Ratio Fluids as Working Fluids. Processes, 2019, 7, 113.	2.8	14
101	Design of a Novel Electric Diagnostic Technique for Fault Analysis of Centrifugal Pumps. Applied Sciences (Switzerland), 2019, 9, 5093.	2.5	20
102	Detection of Deterioration of Three-phase Induction Motor using Vibration Signals. Measurement Science Review, 2019, 19, 241-249.	1.0	97
103	Fault Detection of Electric Impact Drills and Coffee Grinders Using Acoustic Signals. Sensors, 2019, 19, 269.	3.8	68
104	An Automated Feature Extraction Algorithm for Diagnosis of Gear Faults. Journal of Failure Analysis and Prevention, 2019, 19, 98-105.	0.9	12
105	Adaptive neuro-fuzzy inference system for deburring stage classification and prediction for indirect quality monitoring. Applied Soft Computing Journal, 2018, 72, 565-578.	7.2	30
106	Acoustic based fault diagnosis of three-phase induction motor. Applied Acoustics, 2018, 137, 82-89.	3.3	153
107	Early fault diagnosis of bearing and stator faults of the single-phase induction motor using acoustic signals. Measurement: Journal of the International Measurement Confederation, 2018, 113, 1-9.	5.0	297
108	In-process tool condition monitoring in compliant abrasive belt grinding process using support vector machine and genetic algorithm. Journal of Manufacturing Processes, 2018, 31, 199-213.	5.9	136

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109	Frequency and time fault diagnosis methods of power transformers. Measurement Science Review, 2018, 18, 162-167.	1.0	30
110	Heat distribution in the deep drawing device components working by high temperatures. IOP Conference Series: Materials Science and Engineering, 2018, 393, 012075.	0.6	7
111	Recognition of Acoustic Signals of Commutator Motors. Applied Sciences (Switzerland), 2018, 8, 2630.	2.5	48
112	Vibration-Based Fault Diagnosis of Commutator Motor. Shock and Vibration, 2018, 2018, 1-10.	0.6	42
113	Parsimonious Network Based on a Fuzzy Inference System (PANFIS) for Time Series Feature Prediction of Low Speed Slew Bearing Prognosis. Applied Sciences (Switzerland), 2018, 8, 2656.	2.5	48
114	Acoustic-Based Fault Diagnosis of Commutator Motor. Electronics (Switzerland), 2018, 7, 299.	3.1	64
115	Investigation of the pyrophoric tendency of the powder of corrosion products in an oil tank. Powder Technology, 2018, 339, 296-305.	4.2	22
116	Diagnosis of the three-phase induction motor using thermal imaging. Infrared Physics and Technology, 2017, 81, 7-16.	2.9	183
117	Recognition of rotor damages in a DC motor using acoustic signals. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2017, 65, 187-194.	0.8	22
118	Diagnosis of stator faults of the single-phase induction motor using acoustic signals. Applied Acoustics, 2017, 117, 20-27.	3.3	90
119	Fault Diagnosis of Three Phase Induction Motor Using Current Signal, MSAF-Ratio15 and Selected Classifiers. Archives of Metallurgy and Materials, 2017, 62, 2413-2419.	0.6	30
120	A Review of Feature Extraction Methods in Vibration-Based Condition Monitoring and Its Application for Degradation Trend Estimation of Low-Speed Slew Bearing. Machines, 2017, 5, 21.	2.2	285
121	Predictive Modelling and Analysis of Process Parameters on Material Removal Characteristics in Abrasive Belt Grinding Process. Applied Sciences (Switzerland), 2017, 7, 363.	2.5	57
122	Detection of short-circuits of dc motor using thermographic images, binarization and K-NN classifier. Tehnicki Vjesnik, 2017, 24, .	0.2	1
123	Fault diagnostics of acoustic signals of loaded synchronous motor using SMOFS-25-EXPANDED and selected classifiers. Tehnicki Vjesnik, 2016, 23, .	0.2	11
124	Diagnostics of stator faults of the single-phase induction motor using thermal images, MoASoS and selected classifiers. Measurement: Journal of the International Measurement Confederation, 2016, 93, 86-93.	5.0	83
125	Diagnostics of Rotor Damages of Three-Phase Induction Motors Using Acoustic Signals and SMOFS-20-EXPANDED. Archives of Acoustics, 2016, 41, 507-515.	0.8	45
126	Fault diagnostics of DC motor using acoustic signals and MSAF-RATIO30-EXPANDED. Archives of Electrical Engineering, 2016, 65, 733-744.	1.0	13

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127	Recognition of Acoustic Signals of Induction Motors with the Use of MSAF10 and Bayes Classifier. Archives of Metallurgy and Materials, 2016, 61, 153-158.	0.6	9
128	Recognition of images of finger skin with application of histogram, image filtration and K-NN classifier. Biocybernetics and Biomedical Engineering, 2016, 36, 95-101.	5.9	46
129	Acoustic emission-based condition monitoring methods: Review and application for low speed slew bearing. Mechanical Systems and Signal Processing, 2016, 72-73, 134-159.	8.0	125
130	Recognition of Acoustic Signals of Loaded Synchronous Motor Using FFT, MSAF-5 and LSVM. Archives of Acoustics, 2015, 40, 197-203.	0.8	35
131	Recognition of Acoustic Signals of Synchronous Motors with the Use of MoFS and Selected Classifiers. Measurement Science Review, 2015, 15, 167-175.	1.0	40
132	DC Motor Fault Analysis with the Use of Acoustic Signals, Coiflet Wavelet Transform, and K-Nearest Neighbor Classifier. Archives of Acoustics, 2015, 40, 321-327.	0.8	35
133	Recognition of Thermal Images of Direct Current Motor with Application of Area Perimeter Vector and Bayes Classifier. Measurement Science Review, 2015, 15, 119-126.	1.0	39
134	Diagnostics of Synchronous Motor Based on Analysis of Acoustic Signals with the use of Line Spectral Frequencies and K-nearest Neighbor Classifier. Archives of Acoustics, 2015, 39, 189-194.	0.8	37
135	Recognition of Monochrome Thermal Images of Synchronous Motor with the Application of Skeletonization and Classifier Based on Words. Archives of Metallurgy and Materials, 2015, 60, 27-32.	0.6	10
136	Recognition of armature current of DC generator depending on rotor speed using FFT, MSAF-1 and LDA. Eksploatacja i Niezawodnosc, 2015, 17, 64-69.	2.0	28
137	Recognition of acoustic signals of induction motor using FFT, SMOFS-10 and LSVM. Eksploatacja i Niezawodnosc, 2015, 17, 569-574.	2.0	32
138	Recognition of Monochrome Thermal Images of Synchronous Motor with the Application of Binarization and Nearest Mean Classifier. Archives of Metallurgy and Materials, 2014, 59, 31-34.	0.6	21
139	Diagnostics of DC and Induction Motors Based on the Analysis of Acoustic Signals. Measurement Science Review, 2014, 14, 257-262.	1.0	61
140	Diagnostics of DC Machine Based on Analysis of Acoustic Signals with Application of MFCC and Classifier Based on Words. Archives of Metallurgy and Materials, 2012, 57, 179-183.	0.6	5
141	Diagnostics of Induction Motor Based on Analysis of Acoustic Signals with the Application of Eigenvector Method and K-Nearest Neighbor Classifier. Archives of Metallurgy and Materials, 2012, 57, .	0.6	7
142	Combination of probability approach and support vector machine towards machine health prognostics. Probabilistic Engineering Mechanics, 2011, 26, 165-173.	2.7	39
143	Machine condition prognosis based on sequential Monte Carlo method. Expert Systems With Applications, 2010, 37, 2412-2420.	7.6	40
144	Application of relevance vector machine and logistic regression for machine degradation assessment. Mechanical Systems and Signal Processing, 2010, 24, 1161-1171.	8.0	211

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145	Sound recognition of DC machine with application of LPC and metrics. , 2008, , .		2
146	Automatic shape recognition of film sequence with application of backpropagation neural network. , 2008, , .		0
147	Degradation Trend Estimation and Prognosis of Large Low Speed Slewing Bearing Lifetime. Applied Mechanics and Materials, 0, 493, 343-348.	0.2	20