

Peter W T Tse

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

139
papers

5,196
citations

34
h-index

70
g-index

151
ext. papers

5,952
ext. citations

3.5
avg, IF

6.21
L-index

#	Paper	IF	Citations
139	Non-contact detection of railhead defects and their classification by using convolutional neural network. <i>Optik</i> , 2022 , 253, 168607	2.5	1
138	A Novel Framework for Online Remaining Useful Life Prediction of an Industrial Slurry Pump. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 4839	2.6	
137	A novel laser-based duffing oscillator system to identify weak ultrasonic guided wave signals related to rail defects. <i>Optics and Lasers in Engineering</i> , 2022 , 157, 107111	4.6	0
136	Non-Contact Inspection of Railhead via Laser-Generated Rayleigh Waves and an Enhanced Matching Pursuit to Assist Detection of Surface and Subsurface Defects. <i>Sensors</i> , 2021 , 21,	3.8	5
135	The use of ultrasonic guided waves for the inspection of square tube structures: Dispersion analysis and numerical and experimental studies. <i>Structural Health Monitoring</i> , 2021 , 20, 58-73	4.4	3
134	Modelling and simulation of nabla fractional dynamic systems with nonzero initial conditions. <i>Asian Journal of Control</i> , 2021 , 23, 525-535	1.7	7
133	Development of Lamb and Rayleigh Wave-Based Nonlinearity Parameters for Estimating the Remnant Life of Fatigued Plate Structures. <i>Lecture Notes in Civil Engineering</i> , 2021 , 149-160	0.3	
132	An Adaptive Wavelet Library to Detect Surface Defects in Rail Tracks Using a Laser Ultrasonic System. <i>Lecture Notes in Civil Engineering</i> , 2021 , 181-189	0.3	
131	Extraction of Least-Dispersive Ultrasonic Guided Wave Mode in Rail Track Based on Floquet-Bloch Theory. <i>Shock and Vibration</i> , 2021 , 2021, 1-10	1.1	3
130	Characteristics of Spiral Lamb Wave Triggered by CL-MPT and Its Application to the Detection of Limited Circumferential Extent Defects and Axial Extent Evaluation Within Pipes. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-12	5.2	1
129	Development of a Novel Methodology for Remaining Useful Life Prediction of Industrial Slurry Pumps in the Absence of Run to Failure Data.. <i>Sensors</i> , 2021 , 21,	3.8	3
128	Interrogating the health condition of rails using the narrowband Rayleigh waves emitted by an innovative design of non-contact laser transduction system. <i>Structural Health Monitoring</i> , 2020 , 147592172096760	4.4	9
127	Estimation of remaining useful life of fatigued plate specimens using Lamb wave-based nonlinearity parameters. <i>Structural Control and Health Monitoring</i> , 2020 , 27, e2486	4.5	6
126	Methodology for circumferential localisation of defects within small-diameter concrete-covered pipes based on changing of energy distribution of non-axisymmetric guided waves. <i>Applied Acoustics</i> , 2020 , 168, 107416	3.1	5
125	Design of a remote and integrated Sagnac interferometer that can generate narrowband guided wave through the use of laser and effective optics to detect defects occurred in plates. <i>Optics and Laser Technology</i> , 2020 , 123, 105923	4.2	4
124	Discussion on the Leibniz rule and Laplace transform of fractional derivatives using series representation. <i>Integral Transforms and Special Functions</i> , 2020 , 31, 304-322	1	4
123	A Preliminary Numerical Study on the Interactions Between Nonlinear Ultrasonic Guided Waves and a Single Crack in Bone Materials With Motivation to the Evaluation of Micro Cracks in Long Bones. <i>IEEE Access</i> , 2020 , 8, 169169-169182	3.5	0

122	Experimental Investigation on Choosing a Proper Sensor System for Guided Waves to Check the Integrity of Seven-Wire Steel Strands. <i>Sensors</i> , 2020 , 20,	3.8	2
121	Detection of broken wires in elevator wire ropes with ultrasonic guided waves and tone-burst wavelet. <i>Structural Health Monitoring</i> , 2020 , 19, 481-494	4.4	16
120	Theoretical and experimental evaluation of the health status of a 1018 steel I-beam using nonlinear Rayleigh waves: Application to evaluating localized plastic damage due to impact loading. <i>Ultrasonics</i> , 2020 , 108, 106036	3.5	7
119	Analyzing the features of material nonlinearity evaluation in a rectangular aluminum beam using Rayleigh waves: theoretical and experimental study. <i>Journal of Physics Communications</i> , 2019 , 3, 055002	1.2	10
118	Feasibility of using a 3D laser-based transduction system for monitoring the integrity of I-beams using Rayleigh waves 2019 ,		1
117	Matching pursuit with novel dispersive dictionary for mode separation in guided wave signals obtained from pipes 2019 ,		3
116	Numerical Study on Ultrasonic Guided Waves for the Inspection of Polygonal Drill Pipes. <i>Sensors</i> , 2019 , 19,	3.8	5
115	A multi-sensor approach to remaining useful life estimation for a slurry pump. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019 , 139, 140-151	4.6	16
114	Demagnetization-based axial magnetized magnetostrictive patch transducers for locating defect in small-diameter pipes using the non-axisymmetric guided wave. <i>Structural Health Monitoring</i> , 2019 , 18, 1738-1760	4.4	6
113	Novel design of a smart and harmonized flexible printed coil sensor to enhance the ability to detect defects in pipes. <i>NDT and E International</i> , 2019 , 103, 48-61	4.1	9
112	Modeling of a horizontal asymmetric U-shaped vibration-based piezoelectric energy harvester (U-VPEH). <i>Mechanical Systems and Signal Processing</i> , 2019 , 114, 467-485	7.8	35
111	Combined deep belief network in deep learning with affinity propagation clustering algorithm for roller bearings fault diagnosis without data label. <i>JVC/Journal of Vibration and Control</i> , 2019 , 25, 473-482		18
110	A method combining refined composite multiscale fuzzy entropy with PSO-SVM for roller bearing fault diagnosis. <i>Journal of Central South University</i> , 2019 , 26, 2404-2417	2.1	14
109	Order spectrogram visualization for rolling bearing fault detection under speed variation conditions. <i>Mechanical Systems and Signal Processing</i> , 2019 , 122, 580-596	7.8	49
108	Automatic roller bearings fault diagnosis using DSAE in deep learning and CFS algorithm. <i>Soft Computing</i> , 2019 , 23, 5117-5128	3.5	9
107	Numerical study on static component generation from the primary Lamb waves propagating in a plate with nonlinearity. <i>Smart Materials and Structures</i> , 2018 , 27, 045006	3.4	24
106	Evaluation of inherent and dislocation induced material nonlinearity in metallic plates using Lamb waves. <i>Applied Acoustics</i> , 2018 , 136, 76-85	3.1	20
105	Theoretical and experimental evaluation of material nonlinearity in metal plates using Lamb waves. <i>Structural Control and Health Monitoring</i> , 2018 , 25, e2164	4.5	12

104	Second harmonic reflection and transmission from primary S0 mode Lamb wave interacting with a localized microscale damage in a plate: A numerical perspective. <i>Ultrasonics</i> , 2018 , 82, 57-71	3.5	10
103	Kurtogram manifold learning and its application to rolling bearing weak signal detection. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018 , 127, 533-545	4.6	30
102	Axial magnetized patch for efficient transduction of longitudinal guided wave and defect identification in concrete-covered pipe risers. <i>Structural Control and Health Monitoring</i> , 2018 , 25, e2231	4.5	11
101	Laser-Based Guided Wave Propagation and Mode Decomposition in Detecting the Integrity of Structural I-Beams. <i>Journal of Computer and Communications</i> , 2018 , 06, 42-55	0.8	1
100	Investigating the critical aspects of evaluating the material nonlinearity in metal plates using Lamb waves: Theoretical and numerical approach. <i>Applied Acoustics</i> , 2018 , 140, 301-314	3.1	16
99	Enhancing the abilities in assessing slurry pumps' performance degradation and estimating their remaining useful lives by using captured vibration signals. <i>JVC/Journal of Vibration and Control</i> , 2017 , 23, 1925-1937	2	24
98	The output feedback control synthesis for a class of singular fractional order systems. <i>ISA Transactions</i> , 2017 , 69, 1-9	5.5	68
97	Design and performance of a multimodal vibration-based energy harvester model for machine rotational frequencies. <i>Applied Physics Letters</i> , 2017 , 110, 243902	3.4	20
96	An Enhanced Factor Analysis of Performance Degradation Assessment on Slurry Pump Impellers. <i>Shock and Vibration</i> , 2017 , 2017, 1-13	1.1	3
95	The design of a novel mother wavelet that is tailor-made for continuous wavelet transform in extracting defect-related features from reflected guided wave signals. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017 , 110, 176-191	4.6	27
94	An intelligent and improved density and distance-based clustering approach for industrial survey data classification. <i>Expert Systems With Applications</i> , 2017 , 68, 21-28	7.8	18
93	Sparse and Dispersion-Based Matching Pursuit for Minimizing the Dispersion Effect Occurring when Using Guided Wave for Pipe Inspection. <i>Materials</i> , 2017 , 10,	3.5	18
92	A Signal Processing Approach with a Smooth Empirical Mode Decomposition to Reveal Hidden Trace of Corrosion in Highly Contaminated Guided Wave Signals for Concrete-Covered Pipes. <i>Sensors</i> , 2017 , 17,	3.8	18
91	State Space Formulation of Nonlinear Vibration Responses Collected from a Dynamic Rotor-Bearing System: An Extension of Bearing Diagnostics to Bearing Prognostics. <i>Sensors</i> , 2017 , 17,	3.8	8
90	Integrated optical Mach-Zehnder interferometer-based defect detection using a laser-generated ultrasonic guided wave. <i>Optics Letters</i> , 2017 , 42, 4255-4258	3	3
89	A quantitative method for evaluating numerical simulation accuracy of time-transient Lamb wave propagation with its applications to selecting appropriate element size and time step. <i>Ultrasonics</i> , 2016 , 64, 25-42	3.5	11
88	An enhanced empirical mode decomposition method for blind component separation of a single-channel vibration signal mixture. <i>JVC/Journal of Vibration and Control</i> , 2016 , 22, 2603-2618	2	17
87	Advanced signal processing methods applied to guided waves for wire rope defect detection 2016 ,		11

86	An innovative fixed-pole numerical approximation for fractional order systems. <i>ISA Transactions</i> , 2016 , 62, 94-102	5.5	37
85	A critical study of different dimensionality reduction methods for gear crack degradation assessment under different operating conditions. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016 , 78, 138-150	4.6	27
84	Novel Bayesian inference on optimal parameters of support vector machines and its application to industrial survey data classification. <i>Neurocomputing</i> , 2016 , 211, 159-171	5.4	6
83	Adaptive backstepping output feedback control for a class of nonlinear fractional order systems. <i>Nonlinear Dynamics</i> , 2016 , 86, 1047-1056	5	100
82	Distance-based analysis of dynamical systems reconstructed from vibrations for bearing diagnostics. <i>Nonlinear Dynamics</i> , 2015 , 80, 147-165	5	11
81	Remaining Useful Life Estimation of Slurry Pumps Using the Health Status Probability Estimation Provided by Support Vector Machine. <i>Lecture Notes in Mechanical Engineering</i> , 2015 , 87-98	0.4	1
80	The Design of a MRE-Based Nonlinear Broadband Energy Harvester. <i>Lecture Notes in Mechanical Engineering</i> , 2015 , 755-763	0.4	
79	Remaining useful life estimation for mechanical systems based on similarity of phase space trajectory. <i>Expert Systems With Applications</i> , 2015 , 42, 2353-2360	7.8	48
78	Prognostics of slurry pumps based on a moving-average wear degradation index and a general sequential Monte Carlo method. <i>Mechanical Systems and Signal Processing</i> , 2015 , 56-57, 213-229	7.8	51
77	A general sequential Monte Carlo method based optimal wavelet filter: A Bayesian approach for extracting bearing fault features. <i>Mechanical Systems and Signal Processing</i> , 2015 , 52-53, 293-308	7.8	34
76	Principal Components of Superhigh-Dimensional Statistical Features and Support Vector Machine for Improving Identification Accuracies of Different Gear Crack Levels under Different Working Conditions. <i>Shock and Vibration</i> , 2015 , 2015, 1-14	1.1	6
75	FEM Simulation of Nonlinear Lamb Waves for Detecting a Micro-Crack in a Metallic Plate. <i>Lecture Notes in Mechanical Engineering</i> , 2015 , 1561-1569	0.4	1
74	Extraction of Principal Components from Multiple Statistical Features for Slurry Pump Performance Degradation Assessment. <i>Lecture Notes in Mechanical Engineering</i> , 2015 , 131-141	0.4	1
73	Corrosion Identification of Gas Pipe Risers in Buildings Using Advanced Ultrasonic Guided Waves. <i>Lecture Notes in Mechanical Engineering</i> , 2015 , 583-592	0.4	
72	Implementing Engineering Asset Management Standards (PAS-55) in Information Management Evaluation: Case Study in Hong Kong. <i>Lecture Notes in Mechanical Engineering</i> , 2015 , 451-461	0.4	
71	Performance Degradation Assessment of Slurry Pumps. <i>Lecture Notes in Mechanical Engineering</i> , 2015 , 149-158	0.4	
70	Criteria and Performance Survey in Applying PAS 55 to Hong Kong Buildings and Plants. <i>Lecture Notes in Mechanical Engineering</i> , 2015 , 715-728	0.4	
69	Effective Guided Wave Technique for Performing Non-destructive Inspection on Steel Wire Ropes that Hoist Elevators. <i>Lecture Notes in Mechanical Engineering</i> , 2015 , 309-320	0.4	1

68	A Fusion Approach with Application to Oil Sand Pump Prognostics. <i>Lecture Notes in Mechanical Engineering</i> , 2015 , 31-41	0.4	
67	A low-cost and effective automobile engine fault diagnosis using instantaneous angular velocity evaluation. <i>International Journal of Strategic Engineering Asset Management</i> , 2014 , 2, 2	1.5	2
66	Numerical simulation of nonlinear Lamb waves used in a thin plate for detecting buried micro-cracks. <i>Sensors</i> , 2014 , 14, 8528-46	3.8	53
65	A one-versus-all class binarization strategy for bearing diagnostics of concurrent defects. <i>Sensors</i> , 2014 , 14, 1295-321	3.8	20
64	Recognition of rolling bearing fault patterns and sizes based on two-layer support vector regression machines. <i>Smart Structures and Systems</i> , 2014 , 13, 453-471		26
63	Fault diagnosis of rotating machinery based on the statistical parameters of wavelet packet paving and a generic support vector regressive classifier. <i>Measurement: Journal of the International Measurement Confederation</i> , 2013 , 46, 1551-1564	4.6	186
62	An enhanced Kurtogram method for fault diagnosis of rolling element bearings. <i>Mechanical Systems and Signal Processing</i> , 2013 , 35, 176-199	7.8	254
61	A novel signal compression method based on optimal ensemble empirical mode decomposition for bearing vibration signals. <i>Journal of Sound and Vibration</i> , 2013 , 332, 423-441	3.9	123
60	Characterization of pipeline defect in guided-waves based inspection through matching pursuit with the optimized dictionary. <i>NDT and E International</i> , 2013 , 54, 171-182	4.1	43
59	The automatic selection of an optimal wavelet filter and its enhancement by the new sparsogram for bearing fault detection. <i>Mechanical Systems and Signal Processing</i> , 2013 , 40, 520-544	7.8	76
58	The design of a new sparsogram for fast bearing fault diagnosis: Part 1 of the two related manuscripts that have a joint title as "Two automatic vibration-based fault diagnostic methods using the novel sparsity measurement [Parts 1 and 2]" <i>Mechanical Systems and Signal Processing</i> , 2013 , 40, 499-519	7.8	153
57	A fast and adaptive varying-scale morphological analysis method for rolling element bearing fault diagnosis. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2013 , 227, 1362-1370	1.3	51
56	A novel adaptive wavelet stripping algorithm for extracting the transients caused by bearing localized faults. <i>Journal of Sound and Vibration</i> , 2013 , 332, 6871-6890	3.9	27
55	Fabrication and testing of an energy-harvesting hydraulic damper. <i>Smart Materials and Structures</i> , 2013 , 22, 065024	3.4	24
54	A Doppler transient model based on the laplace wavelet and spectrum correlation assessment for locomotive bearing fault diagnosis. <i>Sensors</i> , 2013 , 13, 15726-46	3.8	30
53	A relevance vector machine-based approach with application to oil sand pump prognostics. <i>Sensors</i> , 2013 , 13, 12663-86	3.8	27
52	Ensemble-approaches for clustering health status of oil sand pumps. <i>Expert Systems With Applications</i> , 2012 , 39, 4847-4859	7.8	39
51	Faulty bearing signal recovery from large noise using a hybrid method based on spectral kurtosis and ensemble empirical mode decomposition. <i>Measurement: Journal of the International Measurement Confederation</i> , 2012 , 45, 1308-1322	4.6	105

50	A new blind fault component separation algorithm for a single-channel mechanical signal mixture. <i>Journal of Sound and Vibration</i> , 2012 , 331, 4956-4970	3.9	22
49	Process parameters selection for laser polishing DF2 (AISI O1) by Nd:YAG pulsed laser using orthogonal design. <i>International Journal of Advanced Manufacturing Technology</i> , 2012 , 59, 1009-1023	3.2	25
48	A morphogram with the optimal selection of parameters used in morphological analysis for enhancing the ability in bearing fault diagnosis. <i>Measurement Science and Technology</i> , 2012 , 23, 065001	2	29
47	An Ensemble Empirical Mode Decomposition-Based Lossy Signal Compression Method for a Remote and Wireless Bearing Condition Monitoring System 2012 ,		1
46	Support vector data description for fusion of multiple health indicators for enhancing gearbox fault diagnosis and prognosis. <i>Measurement Science and Technology</i> , 2011 , 22, 025102	2	75
45	The sparsogram: A new and effective method for extracting bearing fault features 2011 ,		3
44	Explicit finite difference solution of the diffusion equation describing the flow of radon through soil. <i>Applied Radiation and Isotopes</i> , 2011 , 69, 237-40	1.7	14
43	Radon diffusion in an anhydrous andesitic melt: a finite difference solution. <i>Journal of Environmental Radioactivity</i> , 2011 , 102, 103-6	2.4	5
42	Evaluation of pipeline defect's characteristic axial length via model-based parameter estimation in ultrasonic guided wave-based inspection. <i>Measurement Science and Technology</i> , 2011 , 22, 025701	2	18
41	EMD-based fault diagnosis for abnormal clearance between contacting components in a diesel engine. <i>Mechanical Systems and Signal Processing</i> , 2010 , 24, 193-210	7.8	67
40	Enhancing the ability of Ensemble Empirical Mode Decomposition in machine fault diagnosis 2010 ,		12
39	Determination of the width of the output angular power distribution in step-index multimode optical fibers. <i>Journal of Optics (United Kingdom)</i> , 2010 , 12, 115405	1.7	2
38	Mode coupling in strained and unstrained step-index glass optical fibers. <i>Applied Optics</i> , 2010 , 49, 5076-80	2	11
37	Automatic generator health assessment system that embedded with advanced fault diagnosis and expert system 2010 ,		1
36	. <i>IEEE Transactions on Reliability</i> , 2010 , 59, 277-286	4.6	73
35	Experimental investigation of reflection in guided wave-based inspection for the characterization of pipeline defects. <i>NDT and E International</i> , 2010 , 43, 365-374	4.1	62
34	Application of mother wavelet functions for automatic gear and bearing fault diagnosis. <i>Expert Systems With Applications</i> , 2010 , 37, 4568-4579	7.8	200
33	Semi-Quantitative Analysis of Defect in Pipelines through the Use of Technique of Ultrasonic Guided Waves. <i>Key Engineering Materials</i> , 2009 , 413-414, 109-116	0.4	5

32	A Novel, Fast, Reliable Data Transmission Algorithm for Wireless Machine Health Monitoring. <i>IEEE Transactions on Reliability</i> , 2009 , 58, 295-304	4.6	30
31	Use of autocorrelation of wavelet coefficients for fault diagnosis. <i>Mechanical Systems and Signal Processing</i> , 2009 , 23, 1554-1572	7.8	93
30	A novel technique for selecting mother wavelet function using an intelligent fault diagnosis system. <i>Expert Systems With Applications</i> , 2009 , 36, 4862-4875	7.8	118
29	Recovery of vibration signal based on a super-exponential algorithm. <i>Journal of Sound and Vibration</i> , 2008 , 311, 537-553	3.9	11
28	Singularity analysis of the vibration signals by means of wavelet modulus maximal method. <i>Mechanical Systems and Signal Processing</i> , 2007 , 21, 780-794	7.8	63
27	Enhanced eigenvector algorithm for recovering multiple sources of vibration signals in machine fault diagnosis. <i>Mechanical Systems and Signal Processing</i> , 2007 , 21, 2794-2813	7.8	20
26	Blind Source Separation and Blind Equalization Algorithms for Mechanical Signal Separation and Identification. <i>JVC/Journal of Vibration and Control</i> , 2006 , 12, 395-423	2	34
25	Remote machine maintenance system through Internet and mobile communication. <i>International Journal of Advanced Manufacturing Technology</i> , 2006 , 31, 783-789	3.2	21
24	Blind Equalization Based Eigenvector Algorithm for the Recovery of Mechanical Vibrations 2006 , 206-211		
23	A Sophisticated but Easy-to-Use and Cost-Effective Machine Condition Monitoring and Degradation Prediction System 2006 , 316-326		
22	Smart Asset Maintenance System for Machine Fault Diagnosis: Its Effectiveness, Methodology, and Applications 2005 , 559		2
21	An improved Hilbert-Huang transform and its application in vibration signal analysis. <i>Journal of Sound and Vibration</i> , 2005 , 286, 187-205	3.9	310
20	A comparison study of improved Hilbert-Huang transform and wavelet transform: Application to fault diagnosis for rolling bearing. <i>Mechanical Systems and Signal Processing</i> , 2005 , 19, 974-988	7.8	536
19	Detection of the rubbing-caused impacts for rotor-stator fault diagnosis using reassigned scalogram. <i>Mechanical Systems and Signal Processing</i> , 2005 , 19, 391-409	7.8	89
18	An Advanced Strategy for Detecting Impulses in Mechanical Signals. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2005 , 127, 280-284	1.6	10
17	Extraction of patch-induced Lamb waves using a wavelet transform. <i>Smart Materials and Structures</i> , 2004 , 13, 861-872	3.4	13
16	Remote sensing, diagnosis and collaborative maintenance with Web-enabled virtual instruments and mini-servers. <i>International Journal of Advanced Manufacturing Technology</i> , 2004 , 24, 764-772	3.2	29
15	Classification of gear faults using cumulants and the radial basis function network. <i>Mechanical Systems and Signal Processing</i> , 2004 , 18, 381-389	7.8	73

14	Machine fault diagnosis through an effective exact wavelet analysis. <i>Journal of Sound and Vibration</i> , 2004 , 277, 1005-1024	3.9	152
13	The Use of Blind-Source-Separation Algorithm for Mechanical Signal Separation and Machine Fault Diagnosis 2003 , 57		1
12	An algorithm for the interpolation of hybrid curves. <i>CAD Computer Aided Design</i> , 2003 , 35, 267-277	2.9	4
11	Development of an advanced noise reduction method for vibration analysis based on singular value decomposition. <i>NDT and E International</i> , 2003 , 36, 419-432	4.1	86
10	Maintenance practices in Hong Kong and the use of the intelligent scheduler. <i>Journal of Quality in Maintenance Engineering</i> , 2002 , 8, 369-380	1.1	18
9	Variable Feedrate CNC Interpolation for Planar Implicit Curves. <i>International Journal of Advanced Manufacturing Technology</i> , 2001 , 18, 794-800	3.2	15
8	An Integrated Maintenance Management System for an Advanced Manufacturing Company. <i>International Journal of Advanced Manufacturing Technology</i> , 2001 , 17, 692-703	3.2	31
7	Intelligent Predictive Decision Support System for Condition-Based Maintenance. <i>International Journal of Advanced Manufacturing Technology</i> , 2001 , 17, 383-391	3.2	244
6	A comprehensive reliability allocation method for design of CNC lathes. <i>Reliability Engineering and System Safety</i> , 2001 , 72, 247-252	6.3	65
5	Wavelet Analysis and Envelope Detection For Rolling Element Bearing Fault Diagnosis Their Effectiveness and Flexibilities. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2001 , 123, 303-310	1.6	289
4	Enhancement of maintenance management through benchmarking. <i>Journal of Quality in Maintenance Engineering</i> , 2000 , 6, 224-240	1.1	26
3	Harmony theory yields robust machine fault-diagnostic systems based on learning vector quantization classifiers. <i>Engineering Applications of Artificial Intelligence</i> , 1996 , 9, 487-498	7.2	13
2	Application of Rayleigh wave-based nonlinearity parameter to estimate the remnant useful life of fatigued thick aluminum plates. <i>ISSS Journal of Micro and Smart Systems</i> , 1	0.9	0
1	Nondestructive testing of rails using nonlinear Rayleigh waves. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 095440622210861	1.3	0