

Vikram Pakrashi

List of Publications by Year in descending order

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Version: 2024-02-01

154
papers

2,808
citations

147726

31
h-index

223716

46
g-index

162
all docs

162
docs citations

162
times ranked

2210
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated condition monitoring scheme for health state identification of a multi-stage gearbox through Hurst exponent estimates. <i>Structural Health Monitoring</i> , 2023, 22, 730-745.	4.3	7
2	Re-deployable sensors for modal estimates of bridges and detection of damage-induced changes in boundary conditions. <i>Structure and Infrastructure Engineering</i> , 2022, 18, 1177-1191.	2.0	9
3	Feasibility of energy harvesting from vertical pedestrian-induced vibrations of footbridges for smart monitoring applications. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2022, 37, 1044-1065.	6.3	8
4	Feedback-driven error-corrected single-sensor analytics for real-time condition monitoring. <i>International Journal of Mechanical Sciences</i> , 2022, 214, 106898.	3.6	13
5	A review of modelling techniques for floating offshore wind turbines. <i>Wind Energy</i> , 2022, 25, 831-857.	1.9	65
6	Bridge Damage and Repair Detection Using an Instrumented Train. <i>Journal of Bridge Engineering</i> , 2022, 27, .	1.4	11
7	Dynamic responses of a damaged double Euler-Bernoulli beam traversed by a "phantom" vehicle. <i>Structural Control and Health Monitoring</i> , 2022, 29, .	1.9	4
8	Ultra-low wide bandwidth vibrational energy harvesting using a statically balanced compliant mechanism. <i>International Journal of Mechanical Sciences</i> , 2022, 219, 107130.	3.6	31
9	Scour Repair of Bridges Through Vibration Monitoring and Related Challenges. <i>Lecture Notes in Civil Engineering</i> , 2022, , 499-508.	0.3	0
10	Instrumenting an Operational Train for Continuous Monitoring of Bridges and Track. <i>Lecture Notes in Civil Engineering</i> , 2022, , 1190-1196.	0.3	0
11	A Compendium of Formulae for Natural Frequencies of Offshore Wind Turbine Structures. <i>Energies</i> , 2022, 15, 2967.	1.6	3
12	A cell-centered finite volume formulation of geometrically exact Simo-Reissner beams with arbitrary initial curvatures. <i>International Journal for Numerical Methods in Engineering</i> , 2022, 123, 3950-3973.	1.5	2
13	Monitoring the Condition of Narrow Bridges Using Data from Rotation-Based and Strain-Based Bridge Weigh-in-Motion Systems. <i>Journal of Bridge Engineering</i> , 2022, 27, .	1.4	7
14	Turbine-level clustering for improved short-term wind power forecasting. <i>Journal of Physics: Conference Series</i> , 2022, 2265, 022052.	0.3	0
15	A mathematically consistent stochastic simulation of a 3D pendulum tuned mass damper and tuning. <i>Nonlinear Dynamics</i> , 2022, 109, 401-418.	2.7	1
16	Sensors Special Issue: "Vibration Energy Harvesting for Wireless Sensors". <i>Sensors</i> , 2022, 22, 4578.	2.1	0
17	Gaussian mixture models for site-specific wind turbine power curves. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2021, 235, 494-505.	0.8	3
18	An overview of performance evaluation metrics for short-term statistical wind power forecasting. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 138, 110515.	8.2	55

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19	A dynamic harmonic regression approach for bridge structural health monitoring. <i>Structural Health Monitoring</i> , 2021, 20, 3150-3181.	4.3	12
20	Vibration Response-Based Damage Detection. <i>Springer Aerospace Technology</i> , 2021, , 133-173.	0.2	9
21	Data Reduction Strategies. <i>Springer Aerospace Technology</i> , 2021, , 243-272.	0.2	0
22	Dynamic Response Equivalence of a Scaled Bridge Model Due to Vehicular Movement. <i>Lecture Notes in Civil Engineering</i> , 2021, , 293-299.	0.3	1
23	Flexible amino acid-based energy harvesting for structural health monitoring of water pipes. <i>Cell Reports Physical Science</i> , 2021, 2, 100434.	2.8	17
24	Physical Modelling of Offshore Wind Turbine Foundations for TRL (Technology Readiness Level) Studies. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 589.	1.2	29
25	Using measured rotation on a beam to detect changes in its structural condition. <i>Journal of Structural Integrity and Maintenance</i> , 2021, 6, 159-166.	0.7	6
26	Can we improve short-term wind power forecasts using turbine-level data? A case study in Ireland. , 2021, , .		0
27	Decomposition-Based Hybrid Models for Very Short-Term Wind Power Forecasting. <i>Engineering Proceedings</i> , 2021, 5, .	0.4	1
28	Special Section on Risk and Uncertainties in Offshore Wind and Wave Energy Systems. <i>ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering</i> , 2021, 7, .	0.7	0
29	Real-time accurate detection of wind turbine downtime - An Irish perspective. <i>Renewable Energy</i> , 2021, 179, 1969-1989.	4.3	12
30	Comparison of Response Amplitude Operator Curve Generation Methods for Scaled Floating Renewable Energy Platforms in Ocean Wave Basin. <i>ASME Letters in Dynamic Systems and Control</i> , 2021, 1, .	0.4	3
31	Interval prediction for short-term traffic forecasting using hybrid mode decomposition models. , 2021, , .		0
32	Edge Structural Health Monitoring (E-SHM) Using Low-Power Wireless Sensing. <i>Sensors</i> , 2021, 21, 6760.	2.1	11
33	Numerical Analysis and Experimental Verification of Damage Identification Metrics for Smart Beam with MFC Elements to Support Structural Health Monitoring. <i>Sensors</i> , 2021, 21, 6796.	2.1	5
34	Damping estimation of a pedestrian footbridge “ an enhanced frequency-domain automated approach. <i>Journal of Vibroengineering</i> , 2021, 23, 14-25.	0.5	4
35	Fractal Dimension as an Effective Feature for Characterizing Hard Marine Growth Roughness from Underwater Image Processing in Controlled and Uncontrolled Image Environments. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1344.	1.2	12
36	Designing cycle networks to maximize health, environmental, and travel time impacts: An optimization-based approach. <i>International Journal of Sustainable Transportation</i> , 2020, 14, 361-374.	2.1	12

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37	Real-time damage detection of degrading systems. <i>Structural Health Monitoring</i> , 2020, 19, 810-837.	4.3	16
38	Robust linear and nonlinear structural damage detection using recursive canonical correlation analysis. <i>Mechanical Systems and Signal Processing</i> , 2020, 136, 106499.	4.4	23
39	Structural design implications of combining a point absorber with a wind turbine monopile for the east and west coast of Ireland. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 119, 109583.	8.2	8
40	Real time structural modal identification using recursive canonical correlation analysis and application towards online structural damage detection. <i>Journal of Sound and Vibration</i> , 2020, 468, 115101.	2.1	61
41	Fishing Net Health State Estimation Using Underwater Imaging. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 707.	1.2	9
42	Limits on Anti-Phase Synchronization in Oscillator Networks. <i>Scientific Reports</i> , 2020, 10, 10178.	1.6	12
43	Energy Harvesting Technologies for Structural Health Monitoring of Airplane Components—A Review. <i>Sensors</i> , 2020, 20, 6685.	2.1	45
44	Experimental validation of a piezoelectric measuring chain for monitoring structural dynamics. , 2020, , .		4
45	Damage Monitoring of a Catenary Moored Spar Platform for Renewable Energy Devices. <i>Energies</i> , 2020, 13, 3631.	1.6	8
46	Multi-step ahead wind power forecasting for Ireland using an ensemble of VMD-ELM models. , 2020, , .		3
47	A Numerical Model for Experimental Designs of Vibration-Based Leak Detection and Monitoring of Water Pipes Using Piezoelectric Patches. <i>Sensors</i> , 2020, 20, 6708.	2.1	10
48	Estimating environmental exposure of cyclists in Cork using limited sensing capabilities. <i>Proceedings of the Institution of Civil Engineers: Urban Design and Planning</i> , 2020, 173, 62-73.	0.6	1
49	Applications of Virtual Data in Subsea Inspections. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 328.	1.2	13
50	Higher-Order Stabilized Perturbation for Recursive Eigen-Decomposition Estimation. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2020, 142, .	1.0	11
51	Health, environmental and travel cost impacts of urban cycling in Dublin, Ireland. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2019, 172, 98-108.	0.4	4
52	Energy harvesting and applications. <i>European Physical Journal: Special Topics</i> , 2019, 228, 1535-1536.	1.2	2
53	Fragility analysis using vibration energy harvesters. <i>European Physical Journal: Special Topics</i> , 2019, 228, 1625-1633.	1.2	5
54	Vibration-based leak detection and monitoring of water pipes using output-only piezoelectric sensors. <i>European Physical Journal: Special Topics</i> , 2019, 228, 1659-1675.	1.2	35

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55	Quantile autoregressive modeling for non-linear change detection in vibrating structural systems. Mechanics Research Communications, 2019, 100, 103397.	1.0	3
56	Assessment of Primary Energy Conversion of a Closed-Circuit OWC Wave Energy Converter. Energies, 2019, 12, 1962.	1.6	12
57	Scour Damage Detection and Structural Health Monitoring of a Laboratory-Scaled Bridge Using a Vibration Energy Harvesting Device. Sensors, 2019, 19, 2572.	2.1	46
58	Optimization of composite material tower for offshore wind turbine structures. Renewable Energy, 2019, 140, 928-942.	4.3	35
59	Wave-to-Wire Model Development and Validation for Two OWC Type Wave Energy Converters. Energies, 2019, 12, 3977.	1.6	12
60	How Do Passing Events Influence the Perception of Risk Among Cyclists? , 2019, , .		3
61	The Influence of Flexible Towers on the Dynamics of Offshore Wind Turbine Gravity Base Structures. Lecture Notes in Civil Engineering, 2019, , 511-517.	0.3	0
62	Real-time unified single- and multi-channel structural damage detection using recursive singular spectrum analysis. Structural Health Monitoring, 2019, 18, 563-589.	4.3	44
63	STEAM at Work: Physiological and Psychological Perceptions of Risk of Cyclists. , 2019, , 171-186.		1
64	First-Order Eigen-Perturbation Techniques for Real-Time Damage Detection of Vibrating Systems: Theory and Applications. Applied Mechanics Reviews, 2019, 71, .	4.5	53
65	Guidelines and Recommendations from COST TU 1406. , 2019, , .		3
66	Assessment of structural nonlinearities employing extremes of dynamic responses. JVC/Journal of Vibration and Control, 2018, 24, 137-152.	1.5	10
67	Data of piezoelectric vibration energy harvesting of a bridge undergoing vibration testing and train passage. Data in Brief, 2018, 17, 261-266.	0.5	11
68	Vibration energy harvesting based monitoring of an operational bridge undergoing forced vibration and train passage. Mechanical Systems and Signal Processing, 2018, 106, 265-283.	4.4	95
69	Mitigating the structural vibrations of wind turbines using tuned liquid column damper considering soil-structure interaction. Renewable Energy, 2018, 120, 322-341.	4.3	46
70	An underwater lighting and turbidity image repository for analysing the performance of image-based non-destructive techniques. Structure and Infrastructure Engineering, 2018, 14, 104-123.	2.0	31
71	Visual inspection and bridge management. Structure and Infrastructure Engineering, 2018, 14, 320-332.	2.0	36
72	Real time damage detection using recursive principal components and time varying auto-regressive modeling. Mechanical Systems and Signal Processing, 2018, 101, 549-574.	4.4	52

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73	A Stereo-Matching Technique for Recovering 3D Information from Underwater Inspection Imagery. Computer-Aided Civil and Infrastructure Engineering, 2018, 33, 193-208.	6.3	19
74	Reliability index and parameter importance for bridge traffic loading definition changes. Proceedings of the Institution of Civil Engineers: Bridge Engineering, 2018, 171, 13-24.	0.3	3
75	Piezoelectric energy harvesting for monitoring of rail bridge infrastructure. , 2018, , 343-358.		0
76	Vibration Energy Harvesting for Monitoring Dynamical Systems. Shock and Vibration, 2018, 2018, 1-2.	0.3	1
77	Extreme value estimates using vibration energy harvesting. Journal of Sound and Vibration, 2018, 437, 29-39.	2.1	16
78	Parameter estimates of alpha-stable distribution and Hurst coefficients. Journal of Environmental Engineering and Science, 2018, 13, 53-72.	0.3	1
79	Utilization of Blended Waste Materials in Bricks. Technologies, 2018, 6, 20.	3.0	10
80	Semantic Segmentation of Underwater Imagery Using Deep Networks Trained on Synthetic Imagery. Journal of Marine Science and Engineering, 2018, 6, 93.	1.2	43
81	Experimental Validation of Piezoelectric Energy-Harvesting Device for Built Infrastructure Applications. Journal of Bridge Engineering, 2018, 23, .	1.4	20
82	Modelling and testing of a historic steel suspension footbridge in Ireland. Proceedings of the Institution of Civil Engineers: Bridge Engineering, 2017, 170, 116-132.	0.3	10
83	Health impacts of cycling in Dublin on individual cyclists and on the local population. Journal of Transport and Health, 2017, 6, 420-432.	1.1	12
84	Online Damage Detection using Recursive Principal Component Analysis. Procedia Engineering, 2017, 199, 2108-2113.	1.2	2
85	Integrating multivariate techniques in bridge management systems. Journal of Structural Integrity and Maintenance, 2017, 2, 143-151.	0.7	3
86	Smartphone based parameter estimates of a dynamic oscillator using high-speed video imaging and incremental discriminating colour learning. , 2017, , .		0
87	Tuned Liquid Column Damper based Reduction of Dynamic Responses of Scaled Offshore Platforms in Different Ocean Wave Basins. Journal of Physics: Conference Series, 2017, 842, 012043.	0.3	6
88	Dynamic Effects of Anchor Positional Tolerance on Tension Moored Floating Wind Turbine. Journal of Physics: Conference Series, 2016, 753, 092019.	0.3	2
89	An Energy Aware Adaptive Sampling Algorithm for Energy Harvesting WSN with Energy Hungry Sensors. Sensors, 2016, 16, 448.	2.1	51
90	Automated Segmentation of Nuclei in Breast Cancer Histopathology Images. PLoS ONE, 2016, 11, e0162053.	1.1	53

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91	Suitable Waves for Bender Element Tests: Interpretations, Errors and Modelling Aspects. Periodica Polytechnica: Civil Engineering, 2016, 60, 145-158.	0.6	6
92	Effect of Road Surface, Vehicle, and Device Characteristics on Energy Harvesting from Bridge-Vehicle Interactions. Computer-Aided Civil and Infrastructure Engineering, 2016, 31, 921-935.	6.3	35
93	Reliability analysis of a bridge network in Ireland. Proceedings of the Institution of Civil Engineers: Bridge Engineering, 2016, 169, 3-12.	0.3	6
94	A comprehensive study of the delay vector variance method for quantification of nonlinearity in dynamical systems. Royal Society Open Science, 2016, 3, 150493.	1.1	10
95	The effect of prestress force magnitude and eccentricity on the natural bending frequencies of uncracked prestressed concrete beams. Journal of Sound and Vibration, 2016, 365, 22-44.	2.1	43
96	Estimation of nonlinearities from pseudodynamic and dynamic responses of bridge structures using the Delay Vector Variance method. Physica A: Statistical Mechanics and Its Applications, 2016, 441, 100-120.	1.2	7
97	The dynamic effects of marine growth on a tension moored floating wind turbine. , 2016, , .		3
98	Dynamic impact testing on post-tensioned steel rectangular hollow sections; An investigation into the "compression-softening" effect. Journal of Sound and Vibration, 2015, 355, 246-263.	2.1	15
99	Sensor Measurement Strategies for Monitoring Offshore Wind and Wave Energy Devices. Journal of Physics: Conference Series, 2015, 628, 012117.	0.3	8
100	Cross-asset management for road infrastructure networks. Proceedings of the Institution of Civil Engineers: Transport, 2015, 168, 442-456.	0.3	7
101	Acquisition and Analysis of Dynamic Responses of a Historic Pedestrian Bridge using Video Image Processing. Journal of Physics: Conference Series, 2015, 628, 012054.	0.3	2
102	Quantification of the Potential Health and Environmental Impacts of Active Travel in Dublin, Ireland. Transportation Research Record, 2015, 2531, 129-136.	1.0	9
103	Performance-Based Design of Structures and Methodology for Performance Reliability Evaluation. , 2015, , 247-284.		1
104	A Delay Vector Variance based Marker for an Output-Only Assessment of Structural Changes in Tension Leg Platforms. Journal of Physics: Conference Series, 2015, 628, 012059.	0.3	3
105	Protocols for Image Processing based Underwater Inspection of Infrastructure Elements. Journal of Physics: Conference Series, 2015, 628, 012130.	0.3	3
106	Experimental Comparison of Dynamic Responses of a Tension Moored Floating Wind Turbine Platform with and without Spring Dampers. Journal of Physics: Conference Series, 2015, 628, 012056.	0.3	11
107	Acquisition and Analysis of Dynamic Responses of a Historic Pedestrian Bridge using Video Image Processing. Journal of Physics: Conference Series, 2015, 628, 012053.	0.3	4
108	The Hurst Exponent as an Indicator of the Behaviour of a Model Monopile in an Ocean Wave Testing Basin. Journal of Physics: Conference Series, 2015, 628, 012057.	0.3	4

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109	Quantifying the Health Impacts of Active Travel: Assessment of Methodologies. <i>Transport Reviews</i> , 2015, 35, 559-582.	4.7	44
110	Dynamic response signatures of a scaled model platform for floating wind turbines in an ocean wave basin. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015, 373, 20140078.	1.6	26
111	Principal Component Analysis for Condition Monitoring of a Network of Bridge Structures. <i>Journal of Physics: Conference Series</i> , 2015, 628, 012060.	0.3	2
112	The effect of post-tensioning force magnitude and eccentricity on the natural bending frequency of cracked post-tensioned concrete beams. <i>Journal of Physics: Conference Series</i> , 2015, 628, 012047.	0.3	7
113	Dynamic response mitigation of floating wind turbine platforms using tuned liquid column dampers. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015, 373, 20140079.	1.6	40
114	Energy aware adaptive sampling algorithm for energy harvesting wireless sensor networks. , 2015, , .		29
115	Performance of a Single Liquid Column Damper for the Control of Dynamic Responses of a Tension Leg Platform. <i>Journal of Physics: Conference Series</i> , 2015, 628, 012058.	0.3	3
116	Quantifying the perceived safety of cyclists in Dublin. <i>Proceedings of the Institution of Civil Engineers: Transport</i> , 2015, 168, 290-299.	0.3	10
117	Cross-asset management for road infrastructure networks. <i>Proceedings of the Institution of Civil Engineers: Transport</i> , 2015, 168, 442-456.	0.3	0
118	Analysis of heart rate variability amongst cyclists under perceived variations of risk exposure. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2015, 28, 40-54.	1.8	24
119	Regionally Enhanced Multiphase Segmentation Technique for Damaged Surfaces. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2014, 29, 644-658.	6.3	47
120	Short-term forecasting of bicycle traffic using structural time series models. , 2014, , .		5
121	Experimental characterisation of Polyethylene Terephthalate (PET) bottle Eco-bricks. <i>Materials & Design</i> , 2014, 60, 50-56.	5.1	39
122	Self compacting concrete from uncontrolled burning of rice husk and blended fine aggregate. <i>Materials & Design</i> , 2014, 55, 410-415.	5.1	93
123	Energy Harvesting from Train-Induced Response in Bridges. <i>Journal of Bridge Engineering</i> , 2014, 19, .	1.4	75
124	Damage detection and calibration from beamâ€‘moving oscillator interaction employing surface roughness. <i>Journal of Sound and Vibration</i> , 2014, 333, 3917-3930.	2.1	32
125	Performance of masonry blocks incorporating Palm Oil Fuel Ash. <i>Journal of Cleaner Production</i> , 2014, 78, 195-201.	4.6	42
126	Comparison of piezoelectric materials for energy harvesting from civil infrastructure elements for use in health monitoring. <i>Life-cycle of Civil Engineering Systems</i> , 2014, , 153-159.	0.1	0

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127	Effects of turbidity and lighting on the performance of an image processing based damage detection technique. , 2014, , 2645-2650.		5
128	Guidelines for Implementing Cross-Asset Management: Road Infrastructure Networks. Life-cycle of Civil Engineering Systems, 2014, , 928-934.	0.1	0
129	Hurst exponent footprints from activities on a large structural system. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 1803-1817.	1.2	21
130	Texture Analysis Based Damage Detection of Ageing Infrastructural Elements. Computer-Aided Civil and Infrastructure Engineering, 2013, 28, 162-177.	6.3	86
131	Perception of safety of cyclists in Dublin City. Accident Analysis and Prevention, 2013, 50, 499-511.	3.0	103
132	Horizontal Loading Effects of Fresh Concrete on Precast Arches. Journal of Bridge Engineering, 2013, 18, 779-789.	1.4	0
133	Robust Skewness-Kurtosis Descriptor for Damping Calibration from Frequency Response. Journal of Aerospace Engineering, 2013, 26, 887-893.	0.8	4
134	Monitoring and repair of an impact damaged prestressed bridge. Proceedings of the Institution of Civil Engineers: Bridge Engineering, 2013, 166, 16-29.	0.3	17
135	Energy Harvesting Potential of Piezoelectric Materials from Train-Bridge Interaction using Finite Element Modelling. IABSE Symposium Report, 2013, , .	0.0	0
136	Rapid Calibration of a Damaged Bridge Undergoing Rehabilitation. IABSE Symposium Report, 2013, , .	0.0	0
137	Fragility analysis of steel and concrete wind turbine towers. Engineering Structures, 2012, 36, 270-282.	2.6	122
138	Direct and probabilistic interrelationships between half-cell potential and resistivity test results for durability ranking. Bridge Maintenance, Safety and Management, 2012, , 3609-3615.	0.1	0
139	High dynamic range image processing for non-destructive-testing. European Journal of Environmental and Civil Engineering, 2011, 15, 1085-1096.	1.0	3
140	Employing Surface Roughness for Bridge-Vehicle Interaction Based Damage Detection. , 2011, , .		1
141	Control of flapwise vibrations in wind turbine blades using semi-active tuned mass dampers. Structural Control and Health Monitoring, 2011, 18, 840-851.	1.9	136
142	A review of road structure data in six European countries. Proceedings of the Institution of Civil Engineers: Urban Design and Planning, 2011, 164, 225-232.	0.6	27
143	Effect of tuned mass damper on the interaction of a quarter car model with a damaged bridge. Structure and Infrastructure Engineering, 2010, 6, 409-421.	2.0	13
144	A Bridge-Vehicle Interaction Based Experimental Investigation of Damage Evolution. Structural Health Monitoring, 2010, 9, 285-296.	4.3	45

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145	ROC dependent event isolation method for image processing based assessment of corroded harbour structures. Structure and Infrastructure Engineering, 2010, 6, 365-378.	2.0	30
146	A Statistical Measure for Wavelet Based Singularity Detection. Journal of Vibration and Acoustics, Transactions of the ASME, 2009, 131, .	1.0	14
147	Nondetection, False Alarm, and Calibration Insensitivity in Kurtosis- and Pseudofractal-Based Singularity Detection. Journal of Aerospace Engineering, 2009, 22, 466-470.	0.8	7
148	A comparative analysis of structural damage detection techniques by wavelet, kurtosis and pseudofractal methods. Structural Engineering and Mechanics, 2009, 32, 489-500.	1.0	3
149	Structural damage detection and calibration using a wavelet-kurtosis technique. Engineering Structures, 2007, 29, 2097-2108.	2.6	59
150	A Study on the Effects of Damage Models and Wavelet Bases for Damage Identification and Calibration in Beams. Computer-Aided Civil and Infrastructure Engineering, 2007, 22, 555-569.	6.3	40
151	Dynamic Responses of a Scaled Tension Leg Platform, Wind Turbine Support Structure in a Wave Tank. Key Engineering Materials, 0, 569-570, 563-570.	0.4	3
152	Rapid Assessment of Natural Periods of Large Short-Period Civil Engineering Structures. Key Engineering Materials, 0, 569-570, 286-293.	0.4	1
153	PolyVinylidene Fluoride (PVDF) Material Based Energy Harvesting from Train and Damaged Bridge Interaction. Key Engineering Materials, 0, 569-570, 335-341.	0.4	2
154	Estimation of the dynamic amplification factor at backfill soil behind a gravity wall. Geotechnical Research, 0, , 1-13.	0.8	3