

Ka-Veng Yuen

List of Publications by Year in descending order

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Version: 2024-02-01

163
papers

6,537
citations

57631

44
h-index

76769

74
g-index

168
all docs

168
docs citations

168
times ranked

3099
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing a prediction model for segment joint opening in an underwater shield tunnel. <i>Marine Georesources and Geotechnology</i> , 2023, 41, 132-141.	1.2	4
2	VB-Kalman Based Localization for Connected Vehicles With Delayed and Lost Measurements: Theory and Experiments. <i>IEEE/ASME Transactions on Mechatronics</i> , 2022, 27, 1370-1378.	3.7	12
3	Bolt damage identification based on orientation-aware center point estimation network. <i>Structural Health Monitoring</i> , 2022, 21, 438-450.	4.3	21
4	Broad learning robust semi-active structural control: A nonparametric approach. <i>Mechanical Systems and Signal Processing</i> , 2022, 162, 108012.	4.4	4
5	Structural anomaly detection based on probabilistic distance measures of transmissibility function and statistical threshold selection scheme. <i>Mechanical Systems and Signal Processing</i> , 2022, 162, 108009.	4.4	34
6	Real-time simultaneous input-state-parameter estimation with modulated colored noise excitation. <i>Mechanical Systems and Signal Processing</i> , 2022, 165, 108378.	4.4	17
7	A novel generative approach for modal frequency probabilistic prediction under varying environmental condition using incomplete information. <i>Engineering Structures</i> , 2022, 252, 113571.	2.6	6
8	Sensor fault detection, localization, and reconstruction for online structural identification. <i>Structural Control and Health Monitoring</i> , 2022, 29, .	1.9	3
9	Bayesian inference for the dynamic properties of long-span bridges under vortex-induced vibration with Scanlan's model and dense optical flow scheme. <i>Mechanical Systems and Signal Processing</i> , 2022, 174, 109078.	4.4	11
10	Structural health monitoring by a novel probabilistic machine learning method based on extreme value theory and mixture quantile modeling. <i>Mechanical Systems and Signal Processing</i> , 2022, 173, 109049.	4.4	45
11	Construction site information decentralized management using blockchain and smart contracts. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2022, 37, 1450-1467.	6.3	28
12	Monitoring gross vehicle weight with a probabilistic and influence line-free bridge weight-in-motion scheme based on a transmissibility-like index. <i>Mechanical Systems and Signal Processing</i> , 2022, 177, 109133.	4.4	3
13	Timber damage identification using dynamic broad network and ultrasonic signals. <i>Engineering Structures</i> , 2022, 263, 114418.	2.6	9
14	Estimation of time-varying noise parameters for unscented Kalman filter. <i>Mechanical Systems and Signal Processing</i> , 2022, 180, 109439.	4.4	7
15	A Nonparametric Tropical Cyclone Wind Speed Estimation Model Based on Dual-Polarization SAR Observations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-13.	2.7	3
16	Crack fractal analysis of fractured polyethylene fiber reinforced alkali activated mortar under flexural load. <i>Construction and Building Materials</i> , 2022, 345, 128428.	3.2	14
17	Propagative broad learning for nonparametric modeling of ambient effects on structural health indicators. <i>Structural Health Monitoring</i> , 2021, 20, 1409-1427.	4.3	8
18	Practice of Bayesian Probability Theory in Geotechnical Engineering. , 2021, , .		6

#	ARTICLE	IF	CITATIONS
19	Problem of Uncertainties in Geotechnical Engineering. , 2021, , 1-38.		1
20	Ensemble learning-based structural health monitoring by Mahalanobis distance metrics. Structural Control and Health Monitoring, 2021, 28, e2663.	1.9	63
21	Efficiency enhancement of electromagnetic energy harvesters for high-rise buildings. Structural Control and Health Monitoring, 2021, 28, e2722.	1.9	1
22	All-parameters Rayleigh wave inversion. Earthquake Engineering and Engineering Vibration, 2021, 20, 517-534.	1.1	9
23	Emission Inventories and Particulate Matter Air Quality Modeling over the Pearl River Delta Region. International Journal of Environmental Research and Public Health, 2021, 18, 4155.	1.2	7
24	Early damage detection by an innovative unsupervised learning method based on kernel null space and peak-over-threshold. Computer-Aided Civil and Infrastructure Engineering, 2021, 36, 1150-1167.	6.3	62
25	Broad Bayesian learning (BBL) for nonparametric probabilistic modeling with optimized architecture configuration. Computer-Aided Civil and Infrastructure Engineering, 2021, 36, 1270-1287.	6.3	13
26	Experimental investigation on the dynamic responses of vented hydrogen explosion in a 40-foot container. International Journal of Hydrogen Energy, 2021, 46, 19229-19243.	3.8	8
27	Vectorization and distributed parallelization of Bayesian model updating based on a multivariate complex-valued probabilistic model of frequency response functions. Mechanical Systems and Signal Processing, 2021, 156, 107615.	4.4	14
28	Non-probabilistic uncertainty quantification for dynamic characterization functions using complex ratio interval arithmetic operation of multidimensional parallelepiped model. Mechanical Systems and Signal Processing, 2021, 156, 107559.	4.4	15
29	Crack detection using fusion features-based broad learning system and image processing. Computer-Aided Civil and Infrastructure Engineering, 2021, 36, 1568-1584.	6.3	68
30	Estimation of SWCC and Permeability for Granular Soils. , 2021, , 39-57.		0
31	Modeling SWCC for Coarse-Grained and Fine-Grained Soil. , 2021, , 59-88.		1
32	Model Updating and Uncertainty Analysis for Creep of Clay. , 2021, , 89-111.		0
33	Model Class Selection for Sand with Generalization Ability Evaluation. , 2021, , 133-162.		0
34	Parametric Identification of Advanced Soil Models for Sand. , 2021, , 163-194.		0
35	Estimation of Pullout Shear Strength of Grouted Soil Nails. , 2021, , 195-213.		0
36	Selection of Physical and Chemical Properties of Natural Fibers for Predicting Soil Reinforcement. , 2021, , 215-240.		0

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37	A Model-Driven Scheme to Compensate the Strain-Based Non-Intrusive Dynamic Pressure Measurement for Hydraulic Pipe. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	2.4	314
38	Bayesian Learning-Based Data Analysis of Uniaxial Compressive Strength of Rock: Relevance Feature Selection and Prediction Reliability Assessment. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2020, 6, 04019018.	1.1	4
39	Broad learning for nonparametric spatial modeling with application to seismic attenuation. Computer-Aided Civil and Infrastructure Engineering, 2020, 35, 203-218.	6.3	25
40	Bayesian Rayleigh wave inversion with an unknown number of layers. Earthquake Engineering and Engineering Vibration, 2020, 19, 875-886.	1.1	6
41	Groundwater-mud control and safety thickness of curtain grouting for the Junchang Tunnel: A case study. Tunnelling and Underground Space Technology, 2020, 103, 103429.	3.0	26
42	Grouting for water and mud inrush control in weathered granite tunnel: A case study. Engineering Geology, 2020, 279, 105896.	2.9	40
43	A unique journal by a unique editor in chief. Computer-Aided Civil and Infrastructure Engineering, 2020, 35, 1312-1314.	6.3	0
44	Hierarchical outlier detection approach for online distributed structural identification. Structural Control and Health Monitoring, 2020, 27, e2623.	1.9	7
45	Real-time system identification using hierarchical interhealing model classes. Structural Control and Health Monitoring, 2020, 27, e2628.	1.9	5
46	Multi-resolution broad learning for model updating using incomplete modal data. Structural Control and Health Monitoring, 2020, 27, e2571.	1.9	8
47	Online decentralized parameter estimation of structural systems using asynchronous data. Mechanical Systems and Signal Processing, 2020, 145, 106933.	4.4	8
48	A new probabilistic frequency-domain approach for influence line extraction from static transmissibility measurements under unknown moving loads. Engineering Structures, 2020, 216, 110625.	2.6	16
49	Model-free data reconstruction of structural response and excitation via sequential broad learning. Mechanical Systems and Signal Processing, 2020, 141, 106738.	4.4	27
50	A fast Bayesian inference scheme for identification of local structural properties of layered composites based on wave and finite element-assisted metamodeling strategy and ultrasound measurements. Mechanical Systems and Signal Processing, 2020, 143, 106802.	4.4	21
51	Broad Learning System for Nonparametric Modeling of Clay Parameters. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2020, 6, .	1.1	6
52	Selection of Physical and Chemical Properties of Natural Fibers for Predicting Soil Reinforcement. Journal of Materials in Civil Engineering, 2019, 31, .	1.3	19
53	Online dual-rate decentralized structural identification for wireless sensor networks. Structural Control and Health Monitoring, 2019, 26, e2453.	1.9	11
54	Development of a road traffic emission inventory with high spatial-temporal resolution in the world's most densely populated region-Macau. Environmental Monitoring and Assessment, 2019, 191, 239.	1.3	17

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55	A Review of Point Set Registration: From Pairwise Registration to Groupwise Registration. <i>Sensors</i> , 2019, 19, 1191.	2.1	60
56	Self-calibrating Bayesian real-time system identification. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2019, 34, 806-821.	6.3	39
57	Bayesian Nonparametric Modeling of Structural Health Indicators under Severe Typhoons and Its Application to Modeling Modal Frequency. <i>Journal of Aerospace Engineering</i> , 2019, 32, .	0.8	13
58	A closed-form solution for column-supported embankments with geosynthetic reinforcement. <i>Geotextiles and Geomembranes</i> , 2019, 47, 389-401.	2.3	39
59	Weather research and forecasting model simulations over the Pearl River Delta Region. <i>Air Quality, Atmosphere and Health</i> , 2019, 12, 115-125.	1.5	8
60	Effect of loading duration on uncertainty in creep analysis of clay. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2018, 42, 1235-1254.	1.7	26
61	Predicting ground-level ozone concentrations by adaptive Bayesian model averaging of statistical seasonal models. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 1283-1297.	1.9	12
62	Real-time substructural identification by boundary force modeling. <i>Structural Control and Health Monitoring</i> , 2018, 25, e2151.	1.9	26
63	Model updating and uncertainty analysis for creep behavior of soft soil. <i>Computers and Geotechnics</i> , 2018, 100, 135-143.	2.3	54
64	Multiresolution Bayesian nonparametric general regression for structural model updating. <i>Structural Control and Health Monitoring</i> , 2018, 25, e2077.	1.9	14
65	Hydrostatic-season-time model updating using Bayesian model class selection. <i>Reliability Engineering and System Safety</i> , 2018, 169, 40-50.	5.1	38
66	Joint Registration of Multiple Point Sets by Preserving Global and Local Structure. , 2018, , .		0
67	Identifiability-enhanced Bayesian Frequency-Domain Substructure Identification. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2018, 33, 800-812.	6.3	27
68	Modal frequency-environmental condition relation development using long-term structural health monitoring measurement: Uncertainty quantification, sparse feature selection and multivariate prediction. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 130, 384-397.	2.5	36
69	Estimation of undrained shear strength in moderately OC clays based on field vane test data. <i>Acta Geotechnica</i> , 2017, 12, 145-156.	2.9	13
70	Selection of bias correction models for improving the daily PM 10 forecasts of WRF-EURAD in Porto, Portugal. <i>Atmospheric Pollution Research</i> , 2017, 8, 628-639.	1.8	9
71	Overview of Environment Perception for Intelligent Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017, 18, 2584-2601.	4.7	251
72	Prediction and modeling of permeability function and its application to the evaluation of breakthrough suction of a two-layer capillary barrier. <i>Canadian Geotechnical Journal</i> , 2017, 54, 778-788.	1.4	11

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73	Generalized Analytical Solution for the Consolidation of Unsaturated Soil under Partially Permeable Boundary Conditions. International Journal of Geomechanics, 2017, 17, .	1.3	41
74	Novel Sparse Bayesian Learning and Its Application to Ground Motion Pattern Recognition. Journal of Computing in Civil Engineering, 2017, 31, .	2.5	16
75	Track-to-Track Association by Coherent Point Drift. IEEE Signal Processing Letters, 2017, 24, 643-647.	2.1	17
76	Entropy-Based Optimal Sensor Placement for Model Identification of Periodic Structures Endowed with Bolted Joints. Computer-Aided Civil and Infrastructure Engineering, 2017, 32, 1007-1024.	6.3	41
77	Detection of Stationary Markovian Zones in a Geologically Heterogeneous Area. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2017, 3, 04017026.	1.1	4
78	A simplified axisymmetric model for column supported embankment systems. Computers and Geotechnics, 2017, 92, 96-107.	2.3	40
79	Outlier detection and robust regression for correlated data. Computer Methods in Applied Mechanics and Engineering, 2017, 313, 632-646.	3.4	38
80	Stable Robust Extended Kalman Filter. Journal of Aerospace Engineering, 2017, 30, .	0.8	30
81	Vibration-based damage detection for structural connections using incomplete modal data by Bayesian approach and model reduction technique. Engineering Structures, 2017, 132, 260-277.	2.6	89
82	BAYESIAN NONPARAMETRIC GENERAL REGRESSION. , 2016, 6, 195-213.		15
83	Empirical formulas in the prediction of breach parameters. Japanese Geotechnical Society Special Publication, 2016, 2, 1727-1731.	0.2	1
84	Ground Motion Prediction Equation Development by Heterogeneous Bayesian Learning. Computer-Aided Civil and Infrastructure Engineering, 2016, 31, 761-776.	6.3	49
85	Probabilistic characterization of cyclic shear modulus reduction for normally to moderately over-consolidated clays. Earthquake Engineering and Engineering Vibration, 2016, 15, 495-508.	1.1	6
86	Prediction of the root anchorage of native young plants using Bayesian inference. Urban Forestry and Urban Greening, 2016, 19, 237-252.	2.3	5
87	Novel nonparametric modeling of seismic attenuation and directivity relationship. Computer Methods in Applied Mechanics and Engineering, 2016, 311, 537-555.	3.4	26
88	Modeling the soil water retention properties of same-textured soils with different initial void ratios. Journal of Hydrology, 2016, 542, 731-743.	2.3	40
89	A dual beam model for geosynthetic-reinforced granular fill on an elastic foundation. Applied Mathematical Modelling, 2016, 40, 9254-9268.	2.2	45
90	Relevance feature selection of modal frequency-ambient condition pattern recognition in structural health assessment for reinforced concrete buildings. Advances in Mechanical Engineering, 2016, 8, 168781401666222.	0.8	15

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91	Nonparametric Estimation of Undrained Shear Strength for Normally Consolidated Clays. Marine Georesources and Geotechnology, 2016, 34, 127-137.	1.2	8
92	Online updating and uncertainty quantification using nonstationary output-only measurement. Mechanical Systems and Signal Processing, 2016, 66-67, 62-77.	4.4	73
93	Investigation of modal identification and modal identifiability of a cable-stayed bridge with Bayesian framework. Smart Structures and Systems, 2016, 17, 445-470.	1.9	34
94	Efficient Bayesian sensor placement algorithm for structural identification: a general approach for multi-type sensory systems. Earthquake Engineering and Structural Dynamics, 2015, 44, 757-774.	2.5	97
95	Novel Outlier-Resistant Extended Kalman Filter for Robust Online Structural Identification. Journal of Engineering Mechanics - ASCE, 2015, 141, .	1.6	72
96	Study of the attenuation relationship for the Wenchuan M s 8.0 earthquake. Earthquake Engineering and Engineering Vibration, 2015, 14, 1-11.	1.1	17
97	A joint data association, registration, and fusion approach for distributed tracking. Information Sciences, 2015, 324, 186-196.	4.0	37
98	Predictive model for uniaxial compressive strength for Grade III granitic rocks from Macao. Engineering Geology, 2015, 199, 28-37.	2.9	50
99	Real-Time System Identification: An Algorithm for Simultaneous Model Class Selection and Parametric Identification. Computer-Aided Civil and Infrastructure Engineering, 2015, 30, 785-801.	6.3	112
100	On the Proper Estimation of the Confidence Interval for the Design Formula of Blast-Induced Vibrations with Site Records. Rock Mechanics and Rock Engineering, 2015, 48, 361-374.	2.6	17
101	Probabilistic real-time updating for geotechnical properties evaluation. Structural Engineering and Mechanics, 2015, 54, 363-378.	1.0	5
102	Advances in Online Structural Identification. , 2015, , 20-33.		0
103	Association of Human Mortality with Air Pollution of Hong Kong. Toxics, 2014, 2, 158-164.	1.6	2
104	Advances in Online Structural Identification. , 2014, , 1-16.		0
105	Modal decomposition using multi-channel response measurements. Probabilistic Engineering Mechanics, 2014, 37, 60-73.	1.3	6
106	Seismic attenuation relationship with homogeneous and heterogeneous prediction-error variance models. Earthquake Engineering and Engineering Vibration, 2014, 13, 1-11.	1.1	22
107	Estimation of soil's water characteristic curve and relative permeability for granular soils with different initial dry densities. Engineering Geology, 2014, 179, 1-9.	2.9	71
108	A novel relative entropy posterior predictive model checking approach with limited information statistics for latent trait models in sparse contingency tables. Computational Statistics and Data Analysis, 2014, 79, 261-276.	0.7	4

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109	Estimation of Maximum Pullout Shear Stress of Grouted Soil Nails Using Bayesian Probabilistic Approach. <i>International Journal of Geomechanics</i> , 2013, 13, 659-664.	1.3	56
110	Energy harvesting from high-rise buildings by a piezoelectric coupled cantilever with a proof mass. <i>International Journal of Engineering Science</i> , 2013, 72, 98-106.	2.7	68
111	Improvement of the multilayer perceptron for air quality modelling through an adaptive learning scheme. <i>Computers and Geosciences</i> , 2013, 59, 148-155.	2.0	14
112	Reliability of empirical relation on the attenuation of blast-induced vibrations. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2013, 59, 160-165.	2.6	12
113	A search for the dominant free surface-fluctuation frequency downstream of the oscillating hydraulic jump with the Bayesian spectral density approach. <i>Physica Scripta</i> , 2013, T155, 014007.	1.2	2
114	Structural Health Monitoring of a Reinforced Concrete Building during the Severe Typhoon Vicente in 2012. <i>Scientific World Journal</i> , The, 2013, 2013, 1-12.	0.8	14
115	Online estimation of noise parameters for Kalman filter. <i>Structural Engineering and Mechanics</i> , 2013, 47, 361-381.	1.0	57
116	Adaptive Modelling of the Daily Behavior of the Boundary Layer Ozone in Macau. , 2012, 2012, 1-7.		1
117	A novel probabilistic method for robust parametric identification and outlier detection. <i>Probabilistic Engineering Mechanics</i> , 2012, 30, 48-59.	1.3	73
118	Estimation of water retention curve of granular soils from particle-size distribution " a Bayesian probabilistic approach. <i>Canadian Geotechnical Journal</i> , 2012, 49, 1024-1035.	1.4	58
119	Reliability analysis of soil "water characteristics curve and its application to slope stability analysis. <i>Engineering Geology</i> , 2012, 135-136, 83-91.	2.9	101
120	Updating large models for mechanical systems using incomplete modal measurement. <i>Mechanical Systems and Signal Processing</i> , 2012, 28, 297-308.	4.4	57
121	Structural health monitoring of Canton Tower using Bayesian framework. <i>Smart Structures and Systems</i> , 2012, 10, 375-391.	1.9	75
122	Iterative Probabilistic Approach for Selection of Time-Varying Model Classes. <i>Procedia Engineering</i> , 2011, 14, 2585-2592.	1.2	3
123	Bayesian Methods for Updating Dynamic Models. <i>Applied Mechanics Reviews</i> , 2011, 64, .	4.5	132
124	Reliability analysis using a 'Taylor expansion-expected value' saddlepoint approximation. <i>International Journal of Reliability and Safety</i> , 2011, 5, 44.	0.2	2
125	Is a Complex Neural Network Based Air Quality Prediction Model Better Than a Simple One? A Bayesian Point of View. , 2010, , .		1
126	Bayesian Analysis of Peak Ground Acceleration Attenuation Relationship. , 2010, , .		0

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127	Recent developments of Bayesian model class selection and applications in civil engineering. <i>Structural Safety</i> , 2010, 32, 338-346.	2.8	163
128	Modeling of environmental influence in structural health assessment for reinforced concrete buildings. <i>Earthquake Engineering and Engineering Vibration</i> , 2010, 9, 295-306.	1.1	39
129	Ambient interference in long-term monitoring of buildings. <i>Engineering Structures</i> , 2010, 32, 2379-2386.	2.6	127
130	Peak Ground Acceleration Estimation by Linear and Nonlinear Models with Reduced Order Monte Carlo Simulation. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2010, 26, 30.	6.3	23
131	Prediction of pile set-up in clays and sands. <i>IOP Conference Series: Materials Science and Engineering</i> , 2010, 10, 012104.	0.3	11
132	Efficient Model Correction Method with Modal Measurement. <i>Journal of Engineering Mechanics - ASCE</i> , 2010, 136, 91-99.	1.6	15
133	Prediction of daily averaged PM10 concentrations by statistical time-varying model. <i>Atmospheric Environment</i> , 2009, 43, 2579-2581.	1.9	45
134	Bayesian Probabilistic Approach for the Correlations of Compression Index for Marine Clays. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2009, 135, 1932-1940.	1.5	80
135	Structural protection using MR dampers with clipped robust reliability-based control. <i>Structural and Multidisciplinary Optimization</i> , 2007, 34, 431-443.	1.7	39
136	Selection of noise parameters for Kalman filter. <i>Earthquake Engineering and Engineering Vibration</i> , 2007, 6, 49-56.	1.1	52
137	Application of saddlepoint approximation in reliability analysis of dynamic systems. <i>Earthquake Engineering and Engineering Vibration</i> , 2007, 6, 391-400.	1.1	17
138	Efficient model updating and health monitoring methodology using incomplete modal data without mode matching. <i>Structural Control and Health Monitoring</i> , 2006, 13, 91-107.	1.9	161
139	Structural Health Monitoring via Measured Ritz Vectors Utilizing Artificial Neural Networks. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2006, 21, 232-241.	6.3	108
140	Substructure Identification and Health Monitoring Using Noisy Response Measurements Only. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2006, 21, 280-291.	6.3	92
141	On the complexity of artificial neural networks for smart structures monitoring. <i>Engineering Structures</i> , 2006, 28, 977-984.	2.6	89
142	Unified Probabilistic Approach for Model Updating and Damage Detection. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2006, 73, 555-564.	1.1	59
143	An Extremely Efficient Finite-Element Model Updating Methodology with Applications to Damage Detection. , 2006, , 139-152.		2
144	Model updating using noisy response measurements without knowledge of the input spectrum. <i>Earthquake Engineering and Structural Dynamics</i> , 2005, 34, 167-187.	2.5	39

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145	An efficient simulation method for reliability analysis of linear dynamical systems using simple additive rules of probability. Probabilistic Engineering Mechanics, 2005, 20, 109-114.	1.3	37
146	Two-Stage Structural Health Monitoring Approach for Phase I Benchmark Studies. Journal of Engineering Mechanics - ASCE, 2004, 130, 16-33.	1.6	109
147	Structural damage detection and assessment by adaptive Markov chain Monte Carlo simulation. Structural Control and Health Monitoring, 2004, 11, 327-347.	1.9	60
148	Model Selection Using Response Measurements: Bayesian Probabilistic Approach. Journal of Engineering Mechanics - ASCE, 2004, 130, 192-203.	1.6	490
149	Reliability-based robust control for uncertain dynamical systems using feedback of incomplete noisy response measurements. Earthquake Engineering and Structural Dynamics, 2003, 32, 751-770.	2.5	39
150	Bayesian Fast Fourier Transform Approach for Modal Updating Using Ambient Data. Advances in Structural Engineering, 2003, 6, 81-95.	1.2	160
151	Updating Properties of Nonlinear Dynamical Systems with Uncertain Input. Journal of Engineering Mechanics - ASCE, 2003, 129, 9-20.	1.6	56
152	Updating Nonlinear Dynamical Models Using Response Measurements Only. , 2003, , 1593.		0
153	Bayesian Modal Updating using Complete Input and Incomplete Response Noisy Measurements. Journal of Engineering Mechanics - ASCE, 2002, 128, 340-350.	1.6	52
154	Probabilistic approach for modal identification using non-stationary noisy response measurements only. Earthquake Engineering and Structural Dynamics, 2002, 31, 1007-1023.	2.5	58
155	Spectral density estimation of stochastic vector processes. Probabilistic Engineering Mechanics, 2002, 17, 265-272.	1.3	71
156	Stochastic Approach to Control and Identification of Smart Structures. , 2002, , 457-464.		0
157	Bayesian time-domain approach for modal updating using ambient data. Probabilistic Engineering Mechanics, 2001, 16, 219-231.	1.3	121
158	Bayesian spectral density approach for modal updating using ambient data. Earthquake Engineering and Structural Dynamics, 2001, 30, 1103-1123.	2.5	150
159	Optimal Sensor Placement Methodology for Identification with Unmeasured Excitation. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2001, 123, 677-686.	0.9	73
160	Bayesian Modal Updating by Use of Ambient Data. AIAA Journal, 2001, 39, 271-278.	1.5	8
161	Bayesian modal updating by use of ambient data. AIAA Journal, 2001, 39, 271-278.	1.5	1
162	Robust sensor placement for structural identification. Structural Control and Health Monitoring, 0, ,.	1.9	4

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163	Displacement Estimation for Nonlinear Structures Using Seismic Acceleration Response Data. Journal of Earthquake Engineering, 0, , 1-19.	1.4	2