Ka-Veng Yuen

List of Publications by Year
in descending order

163	6,537	57758	76900
papers	citations	44 h-index	74 g-index

168	168	168	3099
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Model Selection Using Response Measurements: Bayesian Probabilistic Approach. Journal of Engineering Mechanics - ASCE, 2004, 130, 192-203.	2.9	490
2	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.	4.7	314
3	Overview of Environment Perception for Intelligent Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2584-2601.	8.0	251
4	Recent developments of Bayesian model class selection and applications in civil engineering. Structural Safety, 2010, 32, 338-346.	5.3	163
5	Efficient model updating and health monitoring methodology using incomplete modal data without mode matching. Structural Control and Health Monitoring, 2006, 13, 91-107.	4.0	161
6	Bayesian Fast Fourier Transform Approach for Modal Updating Using Ambient Data. Advances in Structural Engineering, 2003, 6, 81-95.	2.4	160
7	Bayesian spectral density approach for modal updating using ambient data. Earthquake Engineering and Structural Dynamics, 2001, 30, 1103-1123.	4.4	150
8	Bayesian Methods for Updating Dynamic Models. Applied Mechanics Reviews, 2011, 64, .	10.1	132
9	Ambient interference in long-term monitoring of buildings. Engineering Structures, 2010, 32, 2379-2386.	5.3	127
10	Bayesian timeâ€“domain approach for modal updating using ambient data. Probabilistic Engineering Mechanics, 2001, 16, 219-231.	2.7	121
11	Realâ€Time System Identification: An Algorithm for Simultaneous Model Class Selection and Parametric Identification. Computer-Aided Civil and Infrastructure Engineering, 2015, 30, 785-801.	9.8	112
12	Two-Stage Structural Health Monitoring Approach for Phase I Benchmark Studies. Journal of Engineering Mechanics - ASCE, 2004, 130, 16-33.	2.9	109
13	Structural Health Monitoring via Measured Ritz Vectors Utilizing Artificial Neural Networks. Computer-Aided Civil and Infrastructure Engineering, 2006, 21, 232-241.	9.8	108
14	Reliability analysis of soilâ€“water characteristics curve and its application to slope stability analysis. Engineering Geology, 2012, 135-136, 83-91.	6.3	101
15	Efficient Bayesian sensor placement algorithm for structural identification: a general approach for multiâ€type sensory systems. Earthquake Engineering and Structural Dynamics, 2015, 44, 757-774.	4.4	97
16	Substructure Identification and Health Monitoring Using Noisy Response Measurements Only. Computer-Aided Civil and Infrastructure Engineering, 2006, 21, 280-291.	9.8	92
17	On the complexity of artificial neural networks for smart structures monitoring. Engineering Structures, 2006, 28, 977-984.	5.3	89
18	Vibration-based damage detection for structural connections using incomplete modal data by Bayesian approach and model reduction technique. Engineering Structures, 2017, 132, 260-277.	5.3	89

#	Article	IF	Citations
19	Bayesian Probabilistic Approach for the Correlations of Compression Index for Marine Clays. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2009, 135, 1932-1940.	3.0	80
20	Structural health monitoring of Canton Tower using Bayesian framework. Smart Structures and Systems, 2012, 10, 375-391.	1.9	75
21	Optimal Sensor Placement Methodology for Identification with Unmeasured Excitation. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2001, 123, 677-686.	1.6	73
22	A novel probabilistic method for robust parametric identification and outlier detection. Probabilistic Engineering Mechanics, 2012, 30, 48-59.	2.7	73
23	Online updating and uncertainty quantification using nonstationary output-only measurement. Mechanical Systems and Signal Processing, 2016, 66-67, 62-77.	8.0	73
24	Novel Outlier-Resistant Extended Kalman Filter for Robust Online Structural Identification. Journal of Engineering Mechanics - ASCE, 2015, 141, .	2.9	72
25	Spectral density estimation of stochastic vector processes. Probabilistic Engineering Mechanics, 2002, 17, 265-272.	2.7	71
26	Estimation of soilâ€“water characteristic curve and relative permeability for granular soils with different initial dry densities. Engineering Geology, 2014, 179, 1-9.	6.3	71
27	Energy harvesting from high-rise buildings by a piezoelectric coupled cantilever with a proof mass. International Journal of Engineering Science, 2013, 72, 98-106.	5.0	68
28	Crack detection using fusion featuresâ€based broad learning system and image processing. Computer-Aided Civil and Infrastructure Engineering, 2021, 36, 1568-1584.	9.8	68
29	Ensemble learningâ€based structural health monitoring by Mahalanobis distance metrics. Structural Control and Health Monitoring, 2021, 28, e2663.	4.0	63
30	Early damage detection by an innovative unsupervised learning method based on kernel null space and peakâ€overâ€threshold. Computer-Aided Civil and Infrastructure Engineering, 2021, 36, 1150-1167.	9.8	62
31	Structural damage detection and assessment by adaptive Markov chain Monte Carlo simulation. Structural Control and Health Monitoring, 2004, 11, 327-347.	4.0	60
32	A Review of Point Set Registration: From Pairwise Registration to Groupwise Registration. Sensors, 2019, 19, 1191.	3.8	60
33	Unified Probabilistic Approach for Model Updating and Damage Detection. Journal of Applied Mechanics, Transactions ASME, 2006, 73, 555-564.	2.2	59
34	Probabilistic approach for modal identification using non-stationary noisy response measurements only. Earthquake Engineering and Structural Dynamics, 2002, 31, 1007-1023.	4.4	58
35	Estimation of water retention curve of granular soils from particle-size distributionÂâ€" a Bayesian probabilistic approach. Canadian Geotechnical Journal, 2012, 49, 1024-1035.	2.8	58
36	Updating large models for mechanical systems using incomplete modal measurement. Mechanical Systems and Signal Processing, 2012, 28, 297-308.	8.0	57

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37	Online estimation of noise parameters for Kalman filter. Structural Engineering and Mechanics, 2013, 47, 361-381.	1.0	57
38	Updating Properties of Nonlinear Dynamical Systems with Uncertain Input. Journal of Engineering Mechanics - ASCE, 2003, 129, 9-20.	2.9	56
39	Estimation of Maximum Pullout Shear Stress of Grouted Soil Nails Using Bayesian Probabilistic Approach. International Journal of Geomechanics, 2013, 13, 659-664.	2.7	56
40	Model updating and uncertainty analysis for creep behavior of soft soil. Computers and Geotechnics, 2018, 100, 135-143.	4.7	54
41	Bayesian Modal Updating using Complete Input and Incomplete Response Noisy Measurements. Journal of Engineering Mechanics - ASCE, 2002, 128, 340-350.	2.9	52
42	Selection of noise parameters for Kalman filter. Earthquake Engineering and Engineering Vibration, 2007, 6, 49-56.	2.3	52
43	Predictive model for uniaxial compressive strength for Grade III granitic rocks from Macao. Engineering Geology, 2015, 199, 28-37.	6.3	50
44	Ground Motion Prediction Equation Development by Heterogeneous Bayesian Learning. Computer-Aided Civil and Infrastructure Engineering, 2016, 31, 761-776.	9.8	49
45	Prediction of daily averaged PM10 concentrations by statistical time-varying model. Atmospheric Environment, 2009, 43, 2579-2581.	4.1	45
46	A dual beam model for geosynthetic-reinforced granular fill on an elastic foundation. Applied Mathematical Modelling, 2016, 40, 9254-9268.	4.2	45
47	Structural health monitoring by a novel probabilistic machine learning method based on extreme value theory and mixture quantile modeling. Mechanical Systems and Signal Processing, 2022, 173, 109049.	8.0	45
48	Generalized Analytical Solution for the Consolidation of Unsaturated Soil under Partially Permeable Boundary Conditions. International Journal of Geomechanics, 2017, 17, .	2.7	41
49	Entropyâ€Based Optimal Sensor Placement for Model Identification of Periodic Structures Endowed with Bolted Joints. Computer-Aided Civil and Infrastructure Engineering, 2017, 32, 1007-1024.	9.8	41
50	Modeling the soil water retention properties of same-textured soils with different initial void ratios. Journal of Hydrology, 2016, 542, 731-743.	5.4	40
51	A simplified axisymmetric model for column supported embankment systems. Computers and Geotechnics, 2017, 92, 96-107.	4.7	40
52	Grouting for water and mud inrush control in weathered granite tunnel: A case study. Engineering Geology, 2020, 279, 105896.	6.3	40
53	Reliability-based robust control for uncertain dynamical systems using feedback of incomplete noisy response measurements. Earthquake Engineering and Structural Dynamics, 2003, 32, 751-770.	4.4	39
54	Model updating using noisy response measurements without knowledge of the input spectrum. Earthquake Engineering and Structural Dynamics, 2005, 34, 167-187.	4.4	39

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55	Structural protection using MR dampers with clipped robust reliability-based control. Structural and Multidisciplinary Optimization, 2007, 34, 431-443.	3.5	39
56	Modeling of environmental influence in structural health assessment for reinforced concrete buildings. Earthquake Engineering and Engineering Vibration, 2010, 9, 295-306.	2.3	39
57	Selfâ€calibrating Bayesian realâ€time system identification. Computer-Aided Civil and Infrastructure Engineering, 2019, 34, 806-821.	9.8	39
58	A closed-form solution for column-supported embankments with geosynthetic reinforcement. Geotextiles and Geomembranes, 2019, 47, 389-401.	4.6	39
59	Outlier detection and robust regression for correlated data. Computer Methods in Applied Mechanics and Engineering, 2017, 313, 632-646.	6.6	38
60	Hydrostatic-season-time model updating using Bayesian model class selection. Reliability Engineering and System Safety, 2018, 169, 40-50.	8.9	38
61	An efficient simulation method for reliability analysis of linear dynamical systems using simple additive rules of probability. Probabilistic Engineering Mechanics, 2005, 20, 109-114.	2.7	37
62	A joint data association, registration, and fusion approach for distributed tracking. Information Sciences, 2015, 324, 186-196.	6.9	37
63	Modal frequency-environmental condition relation development using long-term structural health monitoring measurement: Uncertainty quantification, sparse feature selection and multivariate prediction. Measurement: Journal of the International Measurement Confederation, 2018, 130, 384-397.	5.0	36
64	Structural anomaly detection based on probabilistic distance measures of transmissibility function and statistical threshold selection scheme. Mechanical Systems and Signal Processing, 2022, 162, 108009.	8.0	34
65	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
66	Stable Robust Extended Kalman Filter. Journal of Aerospace Engineering, 2017, 30, .	1.4	30
67	Construction site information decentralized management using blockchain and smart contracts. Computer-Aided Civil and Infrastructure Engineering, 2022, 37, 1450-1467.	9.8	28
68	Identifiabilityâ€Enhanced Bayesian Frequencyâ€Domain Substructure Identification. Computer-Aided Civil and Infrastructure Engineering, 2018, 33, 800-812.	9.8	27
69	Model-free data reconstruction of structural response and excitation via sequential broad learning. Mechanical Systems and Signal Processing, 2020, 141, 106738.	8.0	27
70	Novel nonparametric modeling of seismic attenuation and directivity relationship. Computer Methods in Applied Mechanics and Engineering, 2016, 311, 537-555.	6.6	26
71	Effect of loading duration on uncertainty in creep analysis of clay. International Journal for Numerical and Analytical Methods in Geomechanics, 2018, 42, 1235-1254.	3.3	26
72	Real-time substructural identification by boundary force modeling. Structural Control and Health Monitoring, 2018, 25, e2151.	4.0	26

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73	Groundwater-mud control and safety thickness of curtain grouting for the Junchang Tunnel: A case study. Tunnelling and Underground Space Technology, 2020, 103, 103429.	6.2	26
74	Broad learning for nonparametric spatial modeling with application to seismic attenuation. Computer-Aided Civil and Infrastructure Engineering, 2020, 35, 203-218.	9.8	25
75	Peak Ground Acceleration Estimation by Linear and Nonlinear Models with Reduced Order Monte Carlo Simulation. Computer-Aided Civil and Infrastructure Engineering, 2010, 26, 30.	9.8	23
76	Seismic attenuation relationship with homogeneous and heterogeneous prediction-error variance models. Earthquake Engineering and Engineering Vibration, 2014, 13, 1-11.	2.3	22
77	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.	8.0	21
78	Bolt damage identification based on orientation-aware center point estimation network. Structural Health Monitoring, 2022, 21, 438-450.	7.5	21
79	Selection of Physical and Chemical Properties of Natural Fibers for Predicting Soil Reinforcement. Journal of Materials in Civil Engineering, 2019, 31, .	2.9	19
80	Application of saddlepoint approximation in reliability analysis of dynamic systems. Earthquake Engineering and Engineering Vibration, 2007, 6, 391-400.	2.3	17
81	Study of the attenuation relationship for the Wenchuan M s 8.0 earthquake. Earthquake Engineering and Engineering Vibration, 2015, 14, 1-11.	2.3	17
82	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.	5.4	17
83	Track-to-Track Association by Coherent Point Drift. IEEE Signal Processing Letters, 2017, 24, 643-647.	3.6	17
84	Development of a road traffic emission inventory with high spatialâ€“temporal resolution in the worldâ€™s most densely populated regionâ€”Macau. Environmental Monitoring and Assessment, 2019, 191, 239.	2.7	17
85	Real-time simultaneous input-state-parameter estimation with modulated colored noise excitation. Mechanical Systems and Signal Processing, 2022, 165, 108378.	8.0	17
86	Novel Sparse Bayesian Learning and Its Application to Ground Motion Pattern Recognition. Journal of Computing in Civil Engineering, 2017, 31, .	4.7	16
87	A new probabilistic frequency-domain approach for influence line extraction from static transmissibility measurements under unknown moving loads. Engineering Structures, 2020, 216, 110625.	5.3	16
88	Efficient Model Correction Method with Modal Measurement. Journal of Engineering Mechanics - ASCE, 2010, 136, 91-99.	2.9	15
89	BAYESIAN NONPARAMETRIC GENERAL REGRESSION. , 2016, 6, 195-213.		15
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.	1.6	15

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91	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.	8.0	15
92	Improvement of the multilayer perceptron for air quality modelling through an adaptive learning scheme. Computers and Geosciences, 2013, 59, 148-155.	4.2	14
93	Structural Health Monitoring of a Reinforced Concrete Building during the Severe Typhoon Vicente in 2012. Scientific World Journal, The, 2013, 2013, 1-12.	2.1	14
94	Multiresolution Bayesian nonparametric general regression for structural model updating. Structural Control and Health Monitoring, 2018, 25, e2077.	4.0	14
95	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.	8.0	14
96	Crack fractal analysis of fractured polyethylene fiber reinforced alkali activated mortar under flexural load. Construction and Building Materials, 2022, 345, 128428.	7.2	14
97	Estimation of undrained shear strength in moderately OC clays based on field vane test data. Acta Geotechnica, 2017, 12, 145-156.	5.7	13
98	Bayesian Nonparametric Modeling of Structural Health Indicators under Severe Typhoons and Its Application to Modeling Modal Frequency. Journal of Aerospace Engineering, 2019, 32, .	1.4	13
99	Broad Bayesian learning (BBL) for nonparametric probabilistic modeling with optimized architecture configuration. Computer-Aided Civil and Infrastructure Engineering, 2021, 36, 1270-1287.	9.8	13
100	Reliability of empirical relation on the attenuation of blast-induced vibrations. International Journal of Rock Mechanics and Minings Sciences, 2013, 59, 160-165.	5.8	12
101	Predicting ground-level ozone concentrations by adaptive Bayesian model averaging of statistical seasonal models. Stochastic Environmental Research and Risk Assessment, 2018, 32, 1283-1297.	4.0	12
102	VB-Kalman Based Localization for Connected Vehicles With Delayed and Lost Measurements: Theory and Experiments. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1370-1378.	5.8	12
103	Prediction of pile set-up in clays and sands. IOP Conference Series: Materials Science and Engineering, 2010, 10, 012104.	0.6	11
104	Prediction and modeling of permeability function and its application to the evaluation of breakthrough suction of a two-layer capillary barrier. Canadian Geotechnical Journal, 2017, 54, 778-788.	2.8	11
105	Online dualâ€rate decentralized structural identification for wireless sensor networks. Structural Control and Health Monitoring, 2019, 26, e2453.	4.0	11
106	Bayesian inference for the dynamic properties of long-span bridges under vortex-induced vibration with Scanlanâ€™s model and dense optical flow scheme. Mechanical Systems and Signal Processing, 2022, 174, 109078.	8.0	11
107	Selection of bias correction models for improving the daily PM 10 forecasts of WRF-EURAD in Porto, Portugal. Atmospheric Pollution Research, 2017, 8, 628-639.	3.8	9
108	All-parameters Rayleigh wave inversion. Earthquake Engineering and Engineering Vibration, 2021, 20, 517-534.	2.3	9

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109	Timber damage identification using dynamic broad network and ultrasonic signals. Engineering Structures, 2022, 263, 114418.	5.3	9
110	Bayesian Modal Updating by Use of Ambient Data. AIAA Journal, 2001, 39, 271-278.	2.6	8
111	Nonparametric Estimation of Undrained Shear Strength for Normally Consolidated Clays. Marine Georesources and Geotechnology, 2016, 34, 127-137.	2.1	8
112	Weather research and forecasting model simulations over the Pearl River Delta Region. Air Quality, Atmosphere and Health, 2019, 12, 115-125.	3.3	8
113	Propagative broad learning for nonparametric modeling of ambient effects on structural health indicators. Structural Health Monitoring, 2021, 20, 1409-1427.	7.5	8
114	Multiâ€resolution broad learning for model updating using incomplete modal data. Structural Control and Health Monitoring, 2020, 27, e2571.	4.0	8
115	Online decentralized parameter estimation of structural systems using asynchronous data. Mechanical Systems and Signal Processing, 2020, 145, 106933.	8.0	8
116	Experimental investigation on the dynamic responses of vented hydrogen explosion in a 40-foot container. International Journal of Hydrogen Energy, 2021, 46, 19229-19243.	7.1	8
117	Hierarchical outlier detection approach for online distributed structural identification. Structural Control and Health Monitoring, 2020, 27, e2623.	4.0	7
118	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.	2.6	7
119	Estimation of time-varying noise parameters for unscented Kalman filter. Mechanical Systems and Signal Processing, 2022, 180, 109439.	8.0	7
120	Modal decomposition using multi-channel response measurements. Probabilistic Engineering Mechanics, 2014, 37, 60-73.	2.7	6
121	Probabilistic characterization of cyclic shear modulus reduction for normally to moderately over-consolidated clays. Earthquake Engineering and Engineering Vibration, 2016, 15, 495-508.	2.3	6
122	Bayesian Rayleigh wave inversion with an unknown number of layers. Earthquake Engineering and Engineering Vibration, 2020, 19, 875-886.	2.3	6
123	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, .	1.7	6
124	Practice of Bayesian Probability Theory in Geotechnical Engineering. , 2021, , .		6
125	A novel generative approach for modal frequency probabilistic prediction under varying environmental condition using incomplete information. Engineering Structures, 2022, 252, 113571.	5.3	6
126	Prediction of the root anchorage of native young plants using Bayesian inference. Urban Forestry and Urban Greening, 2016, 19, 237-252.	5.3	5

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127	Realâ€time system identification using hierarchical interhealing model classes. Structural Control and Health Monitoring, 2020, 27, e2628.	4.0	5
128	Probabilistic real-time updating for geotechnical properties evaluation. Structural Engineering and Mechanics, 2015, 54, 363-378.	1.0	5
129	A novel relative entropyâ€ posterior predictive model checking approach with limited information statistics for latent trait models in sparse <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si81.gif" display="inline" overflow="scroll"><mml:msup><mml:mrow><mml:mn>2</mml:mn></mml:mrow><mml:mrow><mml:mi>k</mml:mi></mml:mrow><m contingency tables. Computational Statistics and Data Analysis, 2014, 79, 261-276.	1.2	4
130	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.	1.7	4
131	Bayesian Learningâ€“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.	1.7	4
132	Broad learning robust semi-active structural control: A nonparametric approach. Mechanical Systems and Signal Processing, 2022, 162, 108012.	8.0	4
133	Robust sensor placement for structural identification. Structural Control and Health Monitoring, 0, , .	4.0	4
134	Developing a prediction model for segment joint opening in an underwater shield tunnel. Marine Georesources and Geotechnology, 2023, 41, 132-141.	2.1	4
135	Iterative Probabilistic Approach for Selection of Time-Varying Model Classes. Procedia Engineering, 2011, 14, 2585-2592.	1.2	3
136	Sensor fault detection, localization, and reconstruction for online structural identification. Structural Control and Health Monitoring, 2022, 29, .	4.0	3
137	Monitoring gross vehicle weight with a probabilistic and influence line-free bridge weight-in-motion scheme based on a transmissibility-like index. Mechanical Systems and Signal Processing, 2022, 177, 109133.	8.0	3
138	A Nonparametric Tropical Cyclone Wind Speed Estimation Model Based on Dual-Polarization SAR Observations. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	3
139	Reliability analysis using a 'Taylor expansion-expected value' saddlepoint approximation. International Journal of Reliability and Safety, 2011, 5, 44.	0.2	2
140	A search for the dominant free surface-fluctuation frequency downstream of the oscillating hydraulic jump with the Bayesian spectral density approach. Physica Scripta, 2013, T155, 014007.	2.5	2
141	Association of Human Mortality with Air Pollution of Hong Kong. Toxics, 2014, 2, 158-164.	3.7	2
142	An Extremely Efficient Finite-Element Model Updating Methodology with Applications to Damage Detection. , 2006, , 139-152.		2
143	Displacement Estimation for Nonlinear Structures Using Seismic Acceleration Response Data. Journal of Earthquake Engineering, 0, , 1-19.	2.5	2
144	Is a Complex Neural Network Based Air Quality Prediction Model Better Than a Simple One? A Bayesian Point of View. , 2010, , .		1

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145	Adaptive Modelling of the Daily Behavior of the Boundary Layer Ozone in Macau. , 2012, 2012, 1-7.		1
146	Empirical formulas in the prediction of breach parameters. Japanese Geotechnical Society Special Publication, 2016, 2, 1727-1731.	0.2	1
147	Problem of Uncertainties in Geotechnical Engineering. , 2021, , 1-38.		1
148	Efficiency enhancement of electromagnetic energy harvesters for highâ€rise buildings. Structural Control and Health Monitoring, 2021, 28, e2722.	4.0	1
149	Bayesian modal updating by use of ambient data. AIAA Journal, 2001, 39, 271-278.	2.6	1
150	Modeling SWCC for Coarse-Grained and Fine-Grained Soil. , 2021, , 59-88.		1
151	Updating Nonlinear Dynamical Models Using Response Measurements Only. , 2003, , 1593.		0
152	Bayesian Analysis of Peak Ground Acceleration Attenuation Relationship. , 2010, , .		0
153	Advances in Online Structural Identification. , 2014, , 1-16.		0
154	Joint Registration of Multiple Point Sets by Preserving Global and Local Structure. , 2018, , .		0
155	A unique journal by a unique editor in chief. Computer-Aided Civil and Infrastructure Engineering, 2020, 35, 1312-1314.	9.8	0
156	Stochastic Approach to Control and Identification of Smart Structures. , 2002, , 457-464.		0
157	Advances in Online Structural Identification. , 2015, , 20-33.		0
158	Estimation of SWCC and Permeability for Granular Soils. , 2021, , 39-57.		0
159	Model Updating and Uncertainty Analysis for Creep of Clay. , 2021, , 89-111.		0
160	Model Class Selection for Sand with Generalization Ability Evaluation. , 2021, , 133-162.		0
161	Parametric Identification of Advanced Soil Models for Sand. , 2021, , 163-194.		0
162	Estimation of Pullout Shear Strength of Grouted Soil Nails. , 2021, , 195-213.		0

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163	Selection of Physical and Chemical Properties of Natural Fibers for Predicting Soil Reinforcement. , 2021, , 215-240.		0