

Norhisham Bakhary

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

710
citations

567281

15
h-index

839539

18
g-index

24
all docs

24
docs citations

24
times ranked

534
citing authors

#	ARTICLE	IF	CITATIONS
1	Damage detection using artificial neural network with consideration of uncertainties. Engineering Structures, 2007, 29, 2806-2815.	5.3	139
2	Non-probabilistic method to consider uncertainties in frequency response function for vibration-based damage detection using Artificial Neural Network. Journal of Sound and Vibration, 2020, 467, 115069.	3.9	74
3	The use of a non-probabilistic artificial neural network to consider uncertainties in vibration-based-damage detection. Mechanical Systems and Signal Processing, 2017, 83, 194-209.	8.0	73
4	Vehicle-Assisted Techniques for Health Monitoring of Bridges. Sensors, 2020, 20, 3460.	3.8	64
5	Health Monitoring of Civil Infrastructures by Subspace System Identification Method: An Overview. Applied Sciences (Switzerland), 2020, 10, 2786.	2.5	46
6	Response surface methodology for damage detection using frequency and mode shape. Measurement: Journal of the International Measurement Confederation, 2018, 115, 258-268.	5.0	42
7	A Review on Vehicle Classification and Potential Use of Smart Vehicle-Assisted Techniques. Sensors, 2020, 20, 3274.	3.8	38
8	Structure Damage Detection Using Neural Network with Multi-Stage Substructuring. Advances in Structural Engineering, 2010, 13, 95-110.	2.4	35
9	Optimal sensor placement for mode shapes using improved simulated annealing. Smart Structures and Systems, 2014, 13, 389-406.	1.9	33
10	Application of two-dimensional wavelet transform to detect damage in steel plate structures. Measurement: Journal of the International Measurement Confederation, 2019, 146, 912-923.	5.0	29
11	Application of the Subspace-Based Methods in Health Monitoring of Civil Structures: A Systematic Review and Meta-Analysis. Applied Sciences (Switzerland), 2020, 10, 3607.	2.5	28
12	Non-probabilistic wavelet method to consider uncertainties in structural damage detection. Journal of Sound and Vibration, 2018, 433, 77-98.	3.9	24
13	Steel fibre self-compacting concrete under biaxial loading. Construction and Building Materials, 2019, 224, 255-265.	7.2	19
14	A Comparative Study of the Data-Driven Stochastic Subspace Methods for Health Monitoring of Structures: A Bridge Case Study. Applied Sciences (Switzerland), 2020, 10, 3132.	2.5	18
15	Application of Neural Network for Prediction of Unmeasured Mode Shape in Damage Detection. Advances in Structural Engineering, 2013, 16, 99-113.	2.4	17
16	Substructuring Technique for Damage Detection Using Statistical Multi-Stage Artificial Neural Network. Advances in Structural Engineering, 2010, 13, 619-639.	2.4	16
17	A Comparison of Artificial Neural Network Learning Algorithms for Vibration-Based Damage Detection. Advanced Materials Research, 0, 163-167, 2756-2760.	0.3	8
18	Experimental damage assessment of support condition for plate structures using wavelet transform. Journal of Theoretical and Applied Mechanics, 2019, 57, 501-518.	0.5	5

#	ARTICLE	IF	CITATIONS
19	Critical Success Factors Influencing Industrialised Building System Performance in the Nigerian Mass Housing Development. <i>Advanced Science Letters</i> , 2018, 24, 3999-4005.	0.2	1
20	Efficient residual reliability criterion index in a permanent guided wave monitoring system. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 197, 111292.	5.0	1
21	Detection of Concrete Spalling Using Changes in Modal Flexibility. <i>Advanced Materials Research</i> , 2010, 163-167, 2598-2602.	0.3	0
22	Consideration of uncertainty in damage detection using interval analysis wavelet without baseline data. <i>Journal of Structural Integrity and Maintenance</i> , 2021, 6, 99-109.	1.5	0
23	Uncertainties: An investigation of aleatory and epistemic errors in market segmentation analysis. <i>Journal of Convention and Event Tourism</i> , 0, , 1-31.	3.0	0