

S.J.S. Hakim

List of Publications by Year in descending order

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21
papers

376
citations

933264

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839398

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g-index

22
all docs

22
docs citations

22
times ranked

435
citing authors

#	ARTICLE	IF	CITATIONS
1	Fault diagnosis on beam-like structures from modal parameters using artificial neural networks. Measurement: Journal of the International Measurement Confederation, 2015, 76, 45-61.	2.5	70
2	Adaptive Neuro Fuzzy Inference System (ANFIS) and Artificial Neural Networks (ANNs) for structural damage identification. Structural Engineering and Mechanics, 2013, 45, 779-802.	1.0	54
3	Development of Nonlinear Model Based on Wavelet-ANFIS for Rainfall Forecasting at Klang Gates Dam. Water Resources Management, 2014, 28, 2999-3018.	1.9	50
4	Modal parameters based structural damage detection using artificial neural networks - a review. Smart Structures and Systems, 2014, 14, 159-189.	1.9	49
5	Structural damage detection of steel bridge girder using artificial neural networks and finite element models. Steel and Composite Structures, 2013, 14, 367-377.	1.3	38
6	Application of the ANFIS model in deflection prediction of concrete deep beam. Structural Engineering and Mechanics, 2013, 45, 323-336.	1.0	23
7	Frequency Response Function-based Structural Damage Identification using Artificial Neural Networks-a Review. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 1750-1764.	0.1	16
8	A two-step damage identification approach for beam structures based on wavelet transform and genetic algorithm. Meccanica, 2016, 51, 635-653.	1.2	16
9	Ensemble neural networks for structural damage identification using modal data. International Journal of Damage Mechanics, 2016, 25, 400-430.	2.4	12
10	An Experimental Investigation of the Stress-Strain Distribution in High Strength Concrete Deep Beams. Procedia Engineering, 2011, 14, 2141-2150.	1.2	11
11	A Hybrid Procedure for Structural Damage Identification in Beam-Like Structures Using Wavelet Analysis. Advances in Structural Engineering, 2015, 18, 1901-1913.	1.2	9
12	A Hybrid Wavelet Based Approach and Genetic Algorithm to Detect Damage in Beam-Like Structures without Baseline Data. Experimental Mechanics, 2016, 56, 1411-1426.	1.1	7
13	Structural Damage Detection Using Soft Computing Method. Conference Proceedings of the Society for Experimental Mechanics, 2014, , 143-151.	0.3	5
14	An Ensemble Neural Network for Damage Identification in Steel Girder Bridge Structure Using Vibration Data. Civil Engineering and Architecture, 2021, 9, 523-532.	0.2	5
15	Damage Identification Using Experimental Modal Analysis and Adaptive Neuro-Fuzzy Interface System (ANFIS). Conference Proceedings of the Society for Experimental Mechanics, 2012, , 399-405.	0.3	3
16	Damage detection of steel bridge girder using Artificial Neural Networks. , 2012, , 409-414.		3
17	Application of artificial neural network on vibration test data for damage identification in bridge girder. International Journal of Physical Sciences, 2011, 6, .	0.1	3
18	Damage Detection Optimization Using Wavelet Multiresolution Analysis and Genetic Algorithm. Conference Proceedings of the Society for Experimental Mechanics, 2016, , 43-48.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Vibration Criteria Assessment due to Piling Works. International Journal of Integrated Engineering, 2021, 13, .	0.2	0
20	Experimental study on the strain contribution of horizontal and vertical web reinforced bar of HSSCC deep beams. , 2012, , 471-475.		0
21	Development of an Artificial Neural Network Model for Prediction of Ultimate Soil Bearing Capacity. , 0, , .		0