

S.J.S. Hakim

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

255
citations

8
h-index

15
g-index

22
ext. papers

297
ext. citations

1.5
avg, IF

3.49
L-index

#	Paper	IF	Citations
18	Ensemble neural networks for structural damage identification using modal data. <i>International Journal of Damage Mechanics</i> , 2016 , 25, 400-430	3	5
17	A Hybrid Wavelet Based Approach and Genetic Algorithm to Detect Damage in Beam-Like Structures without Baseline Data. <i>Experimental Mechanics</i> , 2016 , 56, 1411-1426	2.6	3
16	A two-step damage identification approach for beam structures based on wavelet transform and genetic algorithm. <i>Meccanica</i> , 2016 , 51, 635-653	2.1	13
15	Damage Detection Optimization Using Wavelet Multiresolution Analysis and Genetic Algorithm. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2016 , 43-48	0.3	1
14	Fault diagnosis on beam-like structures from modal parameters using artificial neural networks. <i>Measurement: Journal of the International Measurement Confederation</i> , 2015 , 76, 45-61	4.6	49
13	A Hybrid Procedure for Structural Damage Identification in Beam-Like Structures Using Wavelet Analysis. <i>Advances in Structural Engineering</i> , 2015 , 18, 1901-1913	1.9	5
12	Structural Damage Detection Using Soft Computing Method. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2014 , 143-151	0.3	3
11	Development of Nonlinear Model Based on Wavelet-ANFIS for Rainfall Forecasting at Klang Gates Dam. <i>Water Resources Management</i> , 2014 , 28, 2999-3018	3.7	28
10	Frequency Response Function-based Structural Damage Identification using Artificial Neural Networks-a Review. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2014 , 7, 1750-1764	0.2	11
9	Damage Detection Based on Wavelet Packet Transform and Information Entropy. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2014 , 223-229	0.3	1
8	Modal parameters based structural damage detection using artificial neural networks - a review. <i>Smart Structures and Systems</i> , 2014 , 14, 159-189		39
7	Structural damage detection of steel bridge girder using artificial neural networks and finite element models. <i>Steel and Composite Structures</i> , 2013 , 14, 367-377		30
6	Application of the ANFIS model in deflection prediction of concrete deep beam. <i>Structural Engineering and Mechanics</i> , 2013 , 45, 323-336		16
5	Adaptive Neuro Fuzzy Inference System (ANFIS) and Artificial Neural Networks (ANNs) for structural damage identification. <i>Structural Engineering and Mechanics</i> , 2013 , 45, 779-802		38
4	Damage detection of steel bridge girder using Artificial Neural Networks 2012 , 409-414		2
3	Experimental study on the strain contribution of horizontal and vertical web reinforced bar of HSSCC deep beams 2012 , 471-475		
2	Damage Identification Using Experimental Modal Analysis and Adaptive Neuro-Fuzzy Interface System (ANFIS). <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2012 , 399-405	0.3	2

- 1 An Experimental Investigation of the Stress-Strain Distribution in High Strength Concrete Deep Beams. *Procedia Engineering*, **2011**, 14, 2141-2150