

Ulrike Dackermann

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.

20
papers

423
citations

12
h-index

20
g-index

20
ext. papers

499
ext. citations

3.3
avg, IF

3.7
L-index

#	Paper	IF	Citations
20	Novel Hybrid Method Based on Advanced Signal Processing and Soft Computing Techniques for Condition Assessment of Timber Utility Poles. <i>Journal of Aerospace Engineering</i> , 2019 , 32, 04019032	1.4	13
19	Cepstrum-based damage identification in structures with progressive damage. <i>Structural Health Monitoring</i> , 2019 , 18, 87-102	4.4	12
18	Wavelet packet energyBased damage identification of wood utility poles using support vector machine multi-classifier and evidence theory. <i>Structural Health Monitoring</i> , 2019 , 18, 123-142	4.4	31
17	FRF Sensitivity-Based Damage Identification Using Linkage Modeling for Limited Sensor Arrays. <i>International Journal of Structural Stability and Dynamics</i> , 2018 , 18, 1840002	1.9	3
16	Condition Assessment of Foundation Piles and Utility Poles Based on Guided Wave Propagation Using a Network of Tactile Transducers and Support Vector Machines. <i>Sensors</i> , 2017 , 17,	3.8	18
15	A comparative study of using static and ultrasonic material testing methods to determine the anisotropic material properties of wood. <i>Construction and Building Materials</i> , 2016 , 102, 963-976	6.7	20
14	Load capacity prediction of in-service timber utility poles considering wind load. <i>Journal of Civil Structural Health Monitoring</i> , 2016 , 6, 385-394	2.9	5
13	Condition Assessment of Timber Utility Poles Based on a Hierarchical Data Fusion Model. <i>Journal of Computing in Civil Engineering</i> , 2016 , 30, 04016010	5	12
12	A dynamic-based method for the assessment of connection systems of timber composite structures. <i>Construction and Building Materials</i> , 2016 , 102, 999-1008	6.7	7
11	Elastic wave modes for the assessment of structural timber: ultrasonic echo for building elements and guided waves for pole and pile structures. <i>Journal of Civil Structural Health Monitoring</i> , 2015 , 5, 221-249	2.9	21
10	Damage identification based on response-only measurements using cepstrum analysis and artificial neural networks. <i>Structural Health Monitoring</i> , 2014 , 13, 430-444	4.4	44
9	Guided waveBased condition assessment of in situ timber utility poles using machine learning algorithms. <i>Structural Health Monitoring</i> , 2014 , 13, 374-388	4.4	22
8	In situ assessment of structural timber using stress-wave measurements. <i>Materials and Structures/Materiaux Et Constructions</i> , 2014 , 47, 787-803	3.4	61
7	Identification of member connectivity and mass changes on a two-storey framed structure using frequency response functions and artificial neural networks. <i>Journal of Sound and Vibration</i> , 2013 , 332, 3636-3653	3.9	27
6	Experimental Investigations of Material Properties of Timber Utility Poles Using Various Material Testing Approaches. <i>Advanced Materials Research</i> , 2013 , 778, 265-272	0.5	1
5	A Vibration-Based Approach for the Estimation of the Loss of Composite Action in Timber Composite Systems. <i>Advanced Materials Research</i> , 2013 , 778, 462-469	0.5	
4	Location and Severity Identification of Notch-Type Damage in a Two-Storey Steel Framed Structure Utilising Frequency Response Functions and Artificial Neural Network. <i>Advances in Structural Engineering</i> , 2012 , 15, 743-757	1.9	19

3	Damage identification in civil engineering structures utilizing PCA-compressed residual frequency response functions and neural network ensembles. <i>Structural Control and Health Monitoring</i> , 2011 , 18, 207-226	4.5	65
2	Dynamic-Based Damage Identification Using Neural Network Ensembles and Damage Index Method. <i>Advances in Structural Engineering</i> , 2010 , 13, 1001-1016	1.9	36
1	Damage Identification in Timber Bridges Utilising the Damage Index Method and Neural Network Ensembles. <i>Australian Journal of Structural Engineering</i> , 2009 , 9, 181-194	1.4	6