Dongsheng Li

List of Publications by Year
in descending order

18 papers	308 citations	933447 10 h-index	888059 17 g-index
19 all docs	19 docs citations	19 times ranked	308 citing authors

#	Article	IF	Citations
1	A Transformer-Based Bridge Structural Response Prediction Framework. Sensors, 2022, 22, 3100.	3.8	2
2	Safety Risk Recognition Method Based on Abnormal Scenarios. Buildings, 2022, 12, 562.	3.1	7
3	A high‐frequency feature enhancement network for the surface defect detection of welded rebar. Structural Control and Health Monitoring, 2022, 29, .	4.0	3
4	Development of a numerical mooring line model for a floating wind turbine based on the vector form intrinsic finite element method. Ocean Engineering, 2022, 253, 111354.	4.3	6
5	Bayesian dynamic modification of corrosion in a cylindrical rod quantified by guided waves technique. Nondestructive Testing and Evaluation, 2021, 36, 311-335.	2.1	0
6	Dispersion Analysis of Multiscale Wavelet Finite Element for 2D Elastic Wave Propagation. Journal of Engineering Mechanics - ASCE, 2020, 146, .	2.9	8
7	Fracture Mechanism and Damage Evaluation of FRP/Steel‐Concrete Hybrid Girder Using Acoustic Emission Technique. Journal of Materials in Civil Engineering, 2019, 31, .	2.9	19
8	Interface Separation Detection of Concrete-Filled Steel Tube Using a Distributed Temperature Measuring System. Applied Sciences (Switzerland), 2018, 8, 1653.	2.5	7
9	Stress corrosion damage evolution analysis and mechanism identification for prestressed steel strands using acoustic emission technique. Structural Control and Health Monitoring, 2018, 25, e2189.	4.0	28
10	Analytical Model for Initial Rotational Stiffness of Steel Beam to Concrete-Filled Steel Tube Column Connections with Bidirectional Bolts. Journal of Structural Engineering, 2018, 144, .	3.4	18
11	Cluster analysis of stress corrosion mechanisms for steel wires used in bridge cables through acoustic emission particle swarm optimization. Ultrasonics, 2017, 77, 22-31.	3.9	39
12	Plate-like structure damage location identification based on Lamb wave baseline-free probability imaging method. Advances in Mechanical Engineering, 2017, 9, 168781401668570.	1.6	14
13	A Kriging Model Based Finite Element Model Updating Method for Damage Detection. Applied Sciences (Switzerland), 2017, 7, 1039.	2.5	25
14	Load Monitoring of the Pin-Connected Structure Using Time Reversal Technique and Piezoceramic Transducers‐A Feasibility Study. IEEE Sensors Journal, 2016, 16, 7958-7966.	4.7	34
15	Corrosion Monitoring and Evaluation of Reinforced Concrete Structures Utilizing the Ultrasonic Guided Wave Technique. International Journal of Distributed Sensor Networks, 2014, 10, 827130.	2.2	30
16	Monitoring of Temperature Fatigue Failure Mechanism for Polyvinyl Alcohol Fiber Concrete Using Acoustic Emission Sensors. Sensors, 2012, 12, 9502-9513.	3.8	5
17	Monitoring and Failure Analysis of Corroded Bridge Cables under Fatigue Loading Using Acoustic Emission Sensors. Sensors, 2012, 12, 3901-3915.	3.8	47
18	Fatigue damage characterization of carbon fiber reinforced polymer bridge cables: Wavelet transform analysis for clustering acoustic emission data. Science China Technological Sciences, 2011, 54, 379-387.	4.0	13