Francescantonio LucÃ

List of Publications by Year
in descending order

15 papers	118 citations	1478505 6 h-index	1281871 11 g-index
15 all docs	15 docs citations	15 times ranked	118 citing authors

#	Article	IF	Citations
1	Data Driven Damage Detection Strategy Under Uncontrolled Environment. Lecture Notes in Civil Engineering, 2023, , 764-773.	0.4	3
2	Time Reliability of Empirical Models for the Prediction of Building Parameters: The Case of Palazzo Lombardia. Lecture Notes in Civil Engineering, 2023, , 186-194.	0.4	1
3	New Sensor Nodes, Cloud, and Data Analytics: Case Studies on Large Scale SHM Systems. Structural Integrity, 2022, , 457-484.	1.4	8
4	Vibration-Based Damage Feature for Long-Term Structural Health Monitoring Under Realistic Environmental and Operational Variability. Structural Integrity, 2022, , 289-307.	1.4	6
5	A vibration-based approach for health monitoring of tie-rods under uncertain environmental conditions. Mechanical Systems and Signal Processing, 2022, 167, 108547.	8.0	17
6	Human-structure interaction: convolution-based estimation of human-induced vibrations using experimental data. Mechanical Systems and Signal Processing, 2022, 167, 108511.	8.0	5
7	Automatic Detection of Real Damage in Operating Tie-Rods. Sensors, 2022, 22, 1370.	3.8	6
8	Experimental Evaluation of the Driving Parameters in Humanâ€“Structure Interaction. Vibration, 2022, 5, 121-140.	1.9	1
9	A Damage Detection Strategy on Bridge External Tendons Through Long-Time Monitoring. Conference Proceedings of the Society for Experimental Mechanics, 2021, , 159-168.	0.5	5
10	Structural Health Monitoring of a Damaged Operating Bridge: ASupervised Learning Case Study. Conference Proceedings of the Society for Experimental Mechanics, 2021, , 169-177.	0.5	3
11	Empirical Models for the Health Monitoring of High-Rise Buildings: The Case of Palazzo Lombardia. Conference Proceedings of the Society for Experimental Mechanics, 2021, , 169-175.	0.5	4
12	One Year Monitoring of a Wind Turbine Foundations. Conference Proceedings of the Society for Experimental Mechanics, 2020, , 107-110.	0.5	1
13	A Large Scale SHM System: A Case Study on Pre-stressed Bridge and Cloud Architecture. Conference Proceedings of the Society for Experimental Mechanics, 2020, , 75-83.	0.5	8
14	Statistical pattern recognition approach for long-time monitoring of the G.Meazza stadium by means of AR models and PCA. Engineering Structures, 2017, 153, 317-333.	5.3	44
15	Long-time monitoring of the G. Meazza stadium in a pattern recognition prospective. Procedia Engineering, 2017, 199, 2040-2046.	1.2	6