

# Francescantonio Lucã

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9823231/publications.pdf>

Version: 2024-02-01

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