

Pier Francesco Giordano

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

295
citations

1040056

9
h-index

940533

16
g-index

29
all docs

29
docs citations

29
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	A framework for assessing the value of information for health monitoring of scoured bridges. <i>Journal of Civil Structural Health Monitoring</i> , 2020, 10, 485-496.	3.9	42
2	The value of structural health monitoring in seismic emergency management of bridges. <i>Structure and Infrastructure Engineering</i> , 2022, 18, 537-553.	3.7	34
3	Response-based time-invariant methods for damage localization on a concrete bridge. <i>Structural Concrete</i> , 2020, 21, 1254-1271.	3.1	27
4	Four years of structural health monitoring of the San Pietro bell tower in Perugia, Italy: two years before the earthquake versus two years after. <i>International Journal of Masonry Research and Innovation</i> , 2020, 5, 445.	0.4	25
5	Damage detection on a historic iron bridge using satellite DInSAR data. <i>Structural Health Monitoring</i> , 2022, 21, 2291-2311.	7.5	20
6	Vibration-based damage indicators: a comparison based on information entropy. <i>Journal of Civil Structural Health Monitoring</i> , 2020, 10, 251-266.	3.9	19
7	Quantifying the value of information from inspecting and monitoring engineering systems subject to gradual and shock deterioration. <i>Structural Health Monitoring</i> , 2022, 21, 72-89.	7.5	19
8	Shared micromobility-driven modal identification of urban bridges. <i>Automation in Construction</i> , 2022, 134, 104048.	9.8	19
9	Statistical Approach for Vibration-Based Damage Localization in Civil Infrastructures Using Smart Sensor Networks. <i>Infrastructures</i> , 2021, 6, 22.	2.8	12
10	The value of seismic structural health monitoring for post-earthquake building evacuation. <i>Bulletin of Earthquake Engineering</i> , 0, , 1.	4.1	12
11	Vibration Response-Based Damage Detection. <i>Springer Aerospace Technology</i> , 2021, , 133-173.	0.3	9
12	Development and Implementation of Indicators to Assess Bridge Inspection Practices. <i>Journal of Construction Engineering and Management - ASCE</i> , 2021, 147, .	3.8	9
13	Comparison of Bridge Inspection Policies in terms of Data Quality. <i>Journal of Bridge Engineering</i> , 2022, 27, .	2.9	8
14	Quantifying the value of SHM information for bridges under flood-induced scour. <i>Structure and Infrastructure Engineering</i> , 2023, 19, 1616-1632.	3.7	8
15	A comparison of the UK and Italian national risk-based guidelines for assessing hydraulic actions on bridges. <i>Structure and Infrastructure Engineering</i> , 2024, 20, 117-130.	3.7	8
16	On the Effectiveness of Vibration-Based Monitoring for Integrity Management of Prestressed Structures. <i>Infrastructures</i> , 2021, 6, 171.	2.8	6
17	Decision Making Based on the Value of Information of Different Inspection Methods. , 0, , .		5
18	Use of Sar Satellite Data in Bridge Monitoring with Application to Urban Areas. <i>Lecture Notes in Civil Engineering</i> , 2021, , 935-955.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Structural Health Monitoring for cultural heritage constructions: a resilience perspective. IABSE Symposium Report, 2019, , .	0.0	2
20	EXPERIMENTAL ASSESSMENT OF VIBRATION-BASED METHODS FOR DAMAGE LOCALIZATION. , 2020, , .		1
21	A method to assess the value of monitoring an SHM system. Journal of Physics: Conference Series, 2022, 2184, 012029.	0.4	1
22	Monitoring of a Metal Bridge Using DInSAR Data. Lecture Notes in Civil Engineering, 2023, , 397-406.	0.4	1
23	Numerical modeling strategy for deteriorated concrete decks in SHM applications. , 2021, , .		0
24	Comparison of Indicators of Damage Location Based on Information Gain. , 0, , .		0
25	Four years of Structural Health Monitoring of the San Pietro Bell Tower in Perugia, Italy: two years before the earthquake versus two years after. International Journal of Masonry Research and Innovation, 2020, 5, 1.	0.4	0