

Stefano Galassi

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

438
citations

759233

12
h-index

752698

20
g-index

31
all docs

31
docs citations

31
times ranked

232
citing authors

#	ARTICLE	IF	CITATIONS
1	Failure modes prediction of masonry voussoir arches on moving supports. <i>Engineering Structures</i> , 2018, 173, 706-717.	5.3	60
2	Safety evaluation of masonry arches. A numerical procedure based on the thrust line closest to the geometrical axis. <i>International Journal of Mechanical Sciences</i> , 2019, 155, 206-221.	6.7	44
3	A Novel Numerical Tool for Seismic Vulnerability Analysis of Ruins in Archaeological Sites. <i>International Journal of Architectural Heritage</i> , 2020, 14, 1-22.	3.1	43
4	Experimental and analytical investigation of bond behavior in glass fiber-reinforced composites based on gypsum and cement matrices. <i>Composites Part B: Engineering</i> , 2020, 194, 108051.	12.0	37
5	Pompeii's Stabian Baths. Mechanical behavior assessment of selected masonry structures during the 1st century seismic events. <i>International Journal of Architectural Heritage</i> , 2018, 12, 859-878.	3.1	26
6	A numerical procedure for failure mode detection of masonry arches reinforced with fiber reinforced polymeric materials. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 369, 012038.	0.6	20
7	The Matlab code of the method based on the Full Range Factor for assessing the safety of masonry arches. <i>MethodsX</i> , 2019, 6, 1521-1542.	1.6	18
8	Non-Linear Analysis of Masonry Structures Subjected to External Settlements. <i>Open Journal of Civil Engineering</i> , 2013, 03, 18-26.	0.5	18
9	Artificial Ageing of Mortar Prisms Reinforced through Steel, Glass and Organic Fibres. <i>Key Engineering Materials</i> , 0, 624, 542-550.	0.4	16
10	Analysis of masonry arches reinforced with FRP sheets: experimental results and numerical evaluations. <i>MATEC Web of Conferences</i> , 2018, 207, 01002.	0.2	15
11	Capacity assessment of masonry arches on moving supports in large displacements: Numerical model and experimental validation. <i>Engineering Failure Analysis</i> , 2021, 129, 105700.	4.0	15
12	BrickWORK Software-aided Analysis of Masonry Structures. <i>IERI Procedia</i> , 2014, 7, 62-70.	0.3	13
13	Equilibrium analysis of masonry domes. on the analytical interpretation of the Eddy-Lamy graphical method. <i>International Journal of Architectural Heritage</i> , 2017, , 1-17.	3.1	13
14	Andalusian Timber Roof Structure in Chefchaouen, Northern Morocco: Construction Technique and Structural Behavior. <i>Journal of Architectural Engineering</i> , 2018, 24, 04018012.	1.6	13
15	Analysis of Masonry Pointed Arches on Moving Supports: A Numeric Predictive Model and Experimental Evaluations. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 2048-2068.	0.4	11
16	Assessment of the Moroccan vernacular timber roof: a proposal for an eco-friendly strengthening system. <i>Journal of Architectural Conservation</i> , 2018, 24, 224-248.	0.9	10
17	Evaluation of the American Approach for Detecting Plan Irregularity. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-10.	0.7	8
18	Ruins and Archaeological Artifacts: Vulnerabilities Analysis for Their Conservation Through the Original Computer Program BrickWORK. <i>RILEM Bookseries</i> , 2019, , 1839-1848.	0.4	8

#	ARTICLE	IF	CITATIONS
19	Experimental Investigation on the Bond Behaviour of Basalt TRM Systems - Influence of Textile Configuration and Multi-Layer Application. <i>Key Engineering Materials</i> , 0, 817, 134-140.	0.4	7
20	Reliability of Different Test Setups and Influence of Mortar Mixture on the Fabric-Reinforced Cementitious Matrix-to-Brick Bond Response. <i>Journal of Testing and Evaluation</i> , 2021, 49, 4476-4495.	0.7	7
21	Seismic vulnerability assessment of the benedictine basilica typology in central Italy. <i>Journal of Building Engineering</i> , 2021, 43, 102897.	3.4	7
22	Confinement of Masonry Columns with Natural Lime-Based Mortar Composite: An Experimental Investigation. <i>Sustainability</i> , 2021, 13, 13742.	3.2	7
23	Analysis of Masonry Block Structures with Unilateral Frictional Joints. <i>DEStech Transactions on Engineering and Technology Research</i> , 2018, , .	0.0	6
24	The effect of pyroclastic flows of the 79 AD eruption of Mount Vesuvius on the Pompeii's city walls. The case study of the sector near the Tower XI. <i>Journal of Cultural Heritage</i> , 2020, 43, 235-241.	3.3	4
25	Remains of the ancient colonnade in the archaeological site of Pompeii, Italy: vulnerability analysis and strengthening proposal. <i>Journal of Cultural Heritage</i> , 2021, 52, 93-106.	3.3	4
26	Digital Survey and Structural Investigation on the Triumphal Arch of Caracalla in the Archaeological Site of Volubilis in Morocco: Retracing the Timeline of Collapses Occurred during the 18 th Century Earthquake. <i>International Journal of Architectural Heritage</i> , 2022, 16, 940-955.	3.1	3
27	Analysis of vibrations recorded inside the cemetery area of Incisa, central Italy. <i>Case Studies in Construction Materials</i> , 2021, 15, e00623.	1.7	2
28	The Borbone's antiseismic system: Historical, constructive, and structural analysis. , 2021, , 175-211.		1
29	In-plane and out-of-plane seismic vulnerability assessment of an ancient colonnade in the archaeological site of Pompeii (Italy). <i>Procedia Structural Integrity</i> , 2020, 29, 126-133.	0.8	1
30	Bond Behavior of TRM Systems and Reinforcement of Masonry Arches: Testing and Modelling. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 558-570.	0.4	1
31	Rigid-Block Analysis in Large Displacements of Masonry Arches on Vertically Moving Supports. <i>Lecture Notes in Civil Engineering</i> , 2022, , 1080-1089.	0.4	0