

Stefano Galassi

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

438
citations

759233

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all docs

31
docs citations

31
times ranked

232
citing authors

#	ARTICLE	IF	CITATIONS
1	Rigid-Block Analysis in Large Displacements of Masonry Arches on Vertically Moving Supports. Lecture Notes in Civil Engineering, 2022, , 1080-1089.	0.4	0
2	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. International Journal of Architectural Heritage, 2022, 16, 940-955.	3.1	3
3	Reliability of Different Test Setups and Influence of Mortar Mixture on the Fabric-Reinforced Cementitious Matrix-to-Brick Bond Response. Journal of Testing and Evaluation, 2021, 49, 4476-4495.	0.7	7
4	Capacity assessment of masonry arches on moving supports in large displacements: Numerical model and experimental validation. Engineering Failure Analysis, 2021, 129, 105700.	4.0	15
5	Seismic vulnerability assessment of the benedictine basilica typology in central Italy. Journal of Building Engineering, 2021, 43, 102897.	3.4	7
6	Analysis of vibrations recorded inside the cemetery area of Incisa, central Italy. Case Studies in Construction Materials, 2021, 15, e00623.	1.7	2
7	The Borbone's antiseismic system: Historical, constructive, and structural analysis. , 2021, , 175-211.		1
8	Remains of the ancient colonnade in the archaeological site of Pompeii, Italy: vulnerability analysis and strengthening proposal. Journal of Cultural Heritage, 2021, 52, 93-106.	3.3	4
9	Confinement of Masonry Columns with Natural Lime-Based Mortar Composite: An Experimental Investigation. Sustainability, 2021, 13, 13742.	3.2	7
10	A Novel Numerical Tool for Seismic Vulnerability Analysis of Ruins in Archaeological Sites. International Journal of Architectural Heritage, 2020, 14, 1-22.	3.1	43
11	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. Journal of Cultural Heritage, 2020, 43, 235-241.	3.3	4
12	Experimental and analytical investigation of bond behavior in glass fiber-reinforced composites based on gypsum and cement matrices. Composites Part B: Engineering, 2020, 194, 108051.	12.0	37
13	Analysis of Masonry Pointed Arches on Moving Supports: A Numeric Predictive Model and Experimental Evaluations. Lecture Notes in Mechanical Engineering, 2020, , 2048-2068.	0.4	11
14	In-plane and out-of-plane seismic vulnerability assessment of an ancient colonnade in the archaeological site of Pompeii (Italy). Procedia Structural Integrity, 2020, 29, 126-133.	0.8	1
15	Bond Behavior of TRM Systems and Reinforcement of Masonry Arches: Testing and Modelling. Lecture Notes in Mechanical Engineering, 2020, , 558-570.	0.4	1
16	The Matlab code of the method based on the Full Range Factor for assessing the safety of masonry arches. MethodsX, 2019, 6, 1521-1542.	1.6	18
17	Safety evaluation of masonry arches. A numerical procedure based on the thrust line closest to the geometrical axis. International Journal of Mechanical Sciences, 2019, 155, 206-221.	6.7	44
18	Evaluation of the American Approach for Detecting Plan Irregularity. Advances in Civil Engineering, 2019, 2019, 1-10.	0.7	8

#	ARTICLE	IF	CITATIONS
19	Ruins and Archaeological Artifacts: Vulnerabilities Analysis for Their Conservation Through the Original Computer Program BrickWORK. RILEM Bookseries, 2019, , 1839-1848.	0.4	8
20	Andalusian Timber Roof Structure in Chefchaouen, Northern Morocco: Construction Technique and Structural Behavior. Journal of Architectural Engineering, 2018, 24, 04018012.	1.6	13
21	Pompeii's Stabian Baths. Mechanical behavior assessment of selected masonry structures during the 1st century seismic events. International Journal of Architectural Heritage, 2018, 12, 859-878.	3.1	26
22	A numerical procedure for failure mode detection of masonry arches reinforced with fiber reinforced polymeric materials. IOP Conference Series: Materials Science and Engineering, 2018, 369, 012038.	0.6	20
23	Analysis of masonry arches reinforced with FRP sheets: experimental results and numerical evaluations. MATEC Web of Conferences, 2018, 207, 01002.	0.2	15
24	Assessment of the Moroccan vernacular timber roof: a proposal for an eco-friendly strengthening system. Journal of Architectural Conservation, 2018, 24, 224-248.	0.9	10
25	Failure modes prediction of masonry voussoir arches on moving supports. Engineering Structures, 2018, 173, 706-717.	5.3	60
26	Analysis of Masonry Block Structures with Unilateral Frictional Joints. DEStech Transactions on Engineering and Technology Research, 2018, , .	0.0	6
27	Equilibrium analysis of masonry domes. on the analytical interpretation of the Eddy-LÃ©vy graphical method. International Journal of Architectural Heritage, 2017, , 1-17.	3.1	13
28	BrickWORK Software-aided Analysis of Masonry Structures. IERI Procedia, 2014, 7, 62-70.	0.3	13
29	Non-Linear Analysis of Masonry Structures Subjected to External Settlements. Open Journal of Civil Engineering, 2013, 03, 18-26.	0.5	18
30	Artificial Ageing of Mortar Prisms Reinforced through Steel, Glass and Organic Fibres. Key Engineering Materials, 0, 624, 542-550.	0.4	16
31	Experimental Investigation on the Bond Behaviour of Basalt TRM Systems - Influence of Textile Configuration and Multi-Layer Application. Key Engineering Materials, 0, 817, 134-140.	0.4	7