

N Mendes

List of Publications by Year in descending order

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49
papers

1,155
citations

586496

16
h-index

466096

32
g-index

53
all docs

53
docs citations

53
times ranked

900
citing authors

#	ARTICLE	IF	CITATIONS
1	Seismic assessment of metallic neo-gothic church: Deterioration and safety of early structural design. Structures, 2022, 36, 330-343.	1.7	1
2	Seismic response of a small-scale masonry groin vault: experimental investigation by performing quasi-static and shake table tests. Bulletin of Earthquake Engineering, 2022, 20, 1739-1765.	2.3	20
3	Design Proposal for Masonry Infill Walls Subject to Seismic Actions. Applied Sciences (Switzerland), 2022, 12, 503.	1.3	1
4	Performance of rammed earth subjected to in-plane cyclic displacement. Materials and Structures/Materiaux Et Constructions, 2022, 55, 1.	1.3	5
5	Numerical Simulation of the Tension-Compression Behavior of Tie Connections in Brick Masonry Walls. CivilEng, 2022, 3, 441-455.	0.8	1
6	Lessons from Structural Analysis of a Great Gothic Cathedral: Canterbury Cathedral as a Case Study. International Journal of Architectural Heritage, 2021, 15, 1765-1794.	1.7	9
7	Higher Mode Effects in Pushover Analysis of Irregular Masonry Buildings. Journal of Earthquake Engineering, 2021, 25, 1459-1493.	1.4	19
8	Monitoring of Induced Groundborne Vibrations in Cultural Heritage Buildings: Miscellaneous Errors and Aliasing through Integration and Filtering. International Journal of Architectural Heritage, 2021, 15, 205-228.	1.7	3
9	Experimental characterization of adobe vaults strengthened with a TRM-based compatible composite. Construction and Building Materials, 2021, 271, 121568.	3.2	8
10	Protecting the Historic Buildings of Mexico: The Barrel Vault of San Agustin Church in Morelia. Journal of Performance of Constructed Facilities, 2021, 35, .	1.0	5
11	Nondestructive testing, assessment, and strengthening for reducing the seismic vulnerability of masonry structures. , 2021, , 123-146.		0
12	Numerical simulations of derived URM-RC buildings: Assessment of strengthening interventions with RC. Journal of Building Engineering, 2021, 40, 102304.	1.6	0
13	Vibration control systems: A review of their application to historical unreinforced masonry buildings. Journal of Building Engineering, 2021, 44, 103333.	1.6	10
14	Dynamic behavior of a masonry bell tower subjected to actions caused by bell swinging. Structures, 2021, 34, 1798-1810.	1.7	5
15	Seismic Performance of Historical Buildings Based on Discrete Element Method: An Adobe Church. Journal of Earthquake Engineering, 2020, 24, 1270-1289.	1.4	22
16	Advanced non-destructive techniques for the diagnosis of historic buildings: The Loka-Hteik-Pan temple in Bagan. Journal of Cultural Heritage, 2020, 43, 108-117.	1.5	16
17	Safety assessment of the South Oculus of Canterbury Cathedral. Structures, 2020, 28, 1427-1434.	1.7	1
18	Expeditious damage index for arched structures based on dynamic identification testing. Construction and Building Materials, 2020, 265, 120236.	3.2	25

#	ARTICLE	IF	CITATIONS
19	Seismic evaluation of Bagan heritage site (Myanmar): The Loka-Hteik-Pan temple. Structures, 2020, 24, 905-921.	1.7	9
20	Assessment of a Medieval Arch Bridge Resorting to Non-destructive Techniques and Numerical Tools. Structural Integrity, 2020, , 464-472.	0.8	2
21	Seismic assessment of historic masonry structures: out-of-plane effects. , 2019, , 141-162.		1
22	Reducing the Seismic Vulnerability of Existing Buildings: Assessment and Retrofit. Buildings, 2019, 9, 148.	1.4	3
23	Diagnosis and Seismic Behavior Evaluation of the Church of São Miguel de Refojos (Portugal). Buildings, 2019, 9, 138.	1.4	14
24	Multiscale Seismic Vulnerability Assessment and Retrofit of Existing Masonry Buildings. Buildings, 2019, 9, 91.	1.4	51
25	Parameterization of Structural Faults in Large Historical Constructions for Further Structural Modelling Thanks to Laser Scanning Technology and Computer Vision Algorithms. RILEM Bookseries, 2019, , 351-359.	0.2	0
26	SEISMIC ASSESSMENT OF MASONRY CROSS VAULTS THROUGH NUMERICAL NONLINEAR STATIC AND DYNAMIC ANALYSIS. , 2019, , .		11
27	Seismic assessment of the medieval Armenian church in Famagusta, Cyprus. Annals of Geophysics, 2019, 61, .	0.5	1
28	Evaluating the seismic behaviour of rammed earth buildings from Portugal: From simple tools to advanced approaches. Engineering Structures, 2018, 157, 144-156.	2.6	37
29	Modal analysis of historical masonry structures: Linear perturbation and software benchmarking. Construction and Building Materials, 2018, 189, 1232-1250.	3.2	33
30	Seismic Structural Assessment of the Christchurch Catholic Basilica, New Zealand. Structures, 2018, 15, 115-130.	1.7	21
31	In-situ Investigation and Stability Analysis of the Armenian Church in Famagusta. , 2017, , 231-243.		0
32	Shaking table testing for masonry infill walls: unreinforced versus reinforced solutions. Earthquake Engineering and Structural Dynamics, 2016, 45, 2241-2260.	2.5	20
33	Empirical seismic vulnerability analysis for masonry buildings based on school buildings survey in Iran. Bulletin of Earthquake Engineering, 2016, 14, 3195-3229.	2.3	33
34	Seismic Vulnerability of Existing Masonry Buildings: Nonlinear Parametric Analysis. Computational Methods in Applied Sciences (Springer), 2015, , 139-164.	0.1	7
35	Shaking table testing of an existing masonry building: assessment and improvement of the seismic performance. Earthquake Engineering and Structural Dynamics, 2014, 43, 247-266.	2.5	51
36	Sensitivity analysis of the seismic performance of existing masonry buildings. Engineering Structures, 2014, 80, 137-146.	2.6	50

#	ARTICLE	IF	CITATIONS
37	Masonry Macro-block Analysis. , 2014, , 1-10.		0
38	SEISMIC PERFORMANCE OF ANCIENT MASONRY BUILDINGS: A SENSITIVITY ANALYSIS. , 2014, , .		0
39	Experimental investigation on the seismic performance of masonry buildings using shaking table testing. Bulletin of Earthquake Engineering, 2013, 11, 1157-1190.	2.3	47
40	Seismic performance of the St. George of the Latins church: Lessons learned from studying masonry ruins. Engineering Structures, 2012, 40, 501-518.	2.6	66
41	Analysis of Masonry Structures Without Box Behavior. International Journal of Architectural Heritage, 2011, 5, 369-382.	1.7	195
42	Numerical models for the seismic assessment of an old masonry tower. Engineering Structures, 2010, 32, 1466-1478.	2.6	201
43	Seismic Assessment of Masonry "Gaioleiro" Buildings in Lisbon, Portugal. Journal of Earthquake Engineering, 2009, 14, 80-101.	1.4	74
44	Evaluation Of The Seismic Performance Of Masonry Buildings Of The Type "Gaioleiro", Lisbon (Portugal). AIP Conference Proceedings, 2008, , .	0.3	0
45	Seismic Vulnerability Assessment of Ancient Masonry Building: An Experimental Method. Advanced Materials Research, 0, 133-134, 635-640.	0.3	2
46	Experimental Assessment of the Out-of-Plane Performance of Masonry Buildings Through Shaking Table Tests. International Journal of Architectural Heritage, 0, , 1-28.	1.7	17
47	Methods and Challenges on the Out-Of-Plane Assessment of Existing Masonry Buildings. International Journal of Architectural Heritage, 0, , 1-1.	1.7	2
48	Methods and Challenges for the Seismic Assessment of Historic Masonry Structures. International Journal of Architectural Heritage, 0, , 1-18.	1.7	32
49	Simulation of Shake Table Tests on Out-Of-Plane Masonry Buildings. Part (IV): Macro and Micro FEM Based Approaches. International Journal of Architectural Heritage, 0, , 1-15.	1.7	12