

# Nicola Augenti

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,187  
citations

567281

15  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

860  
citing authors

#	ARTICLE	IF	CITATIONS
1	In-plane behaviour of tuff masonry strengthened with inorganic matrixâ€“grid composites. Composites Part B: Engineering, 2013, 45, 1657-1666.	12.0	170
2	Learning from Construction Failures due to the 2009 Lâ€™Aquila, Italy, Earthquake. Journal of Performance of Constructed Facilities, 2010, 24, 536-555.	2.0	168
3	Earthquake damages to cultural heritage constructions and simplified assessment of artworks. Engineering Failure Analysis, 2013, 34, 735-760.	4.0	134
4	In-Plane Lateral Response of a Full-Scale Masonry Subassemblage with and without an Inorganic Matrix-Grid Strengthening System. Journal of Composites for Construction, 2011, 15, 578-590.	3.2	102
5	Seismic capacity of irregular unreinforced masonry walls with openings. Earthquake Engineering and Structural Dynamics, 2013, 42, 101-121.	4.4	100
6	Influence of seismic design criteria on blast resistance of RC framed buildings: A case study. Engineering Structures, 2012, 44, 78-93.	5.3	69
7	Constitutive Models for Tuff Masonry under Uniaxial Compression. Journal of Materials in Civil Engineering, 2010, 22, 1102-1111.	2.9	66
8	Nonlinear Behavior of a Masonry Subassemblage Before and After Strengthening with Inorganic Matrix-Grid Composites. Journal of Composites for Construction, 2011, 15, 821-832.	3.2	63
9	Constitutive modelling of tuff masonry in direct shear. Construction and Building Materials, 2011, 25, 1612-1620.	7.2	54
10	Performance of School Buildings during the 2002 Molise, Italy, Earthquake. Earthquake Spectra, 2004, 20, 257-270.	3.1	52
11	Rocking response assessment of in-plane laterally-loaded masonry walls with openings. Engineering Structures, 2013, 56, 1234-1248.	5.3	51
12	Implications of the spandrel type on the lateral behavior of unreinforced masonry walls. Earthquake Engineering and Structural Dynamics, 2014, 43, 1867-1887.	4.4	46
13	Uncertainty in Seismic Capacity of Masonry Buildings. Buildings, 2012, 2, 218-230.	3.1	39
14	Buckling Analysis of a Long-Span Roof Structure Collapsed during Construction. Journal of Performance of Constructed Facilities, 2013, 27, 77-88.	2.0	20
15	Constitutive model selection for unreinforced masonry cross sections based on best-fit analytical momentâ€“curvature diagrams. Engineering Structures, 2016, 111, 451-466.	5.3	18
16	Assessment of unreinforced masonry cross sections under eccentric compression accounting for strain softening. Construction and Building Materials, 2013, 41, 654-664.	7.2	15
17	Construction Failures and Innovative Retrofitting. Buildings, 2013, 3, 100-121.	3.1	9
18	Structural failure investigations through probabilistic nonlinear finite element analysis: Methodology and application. Engineering Failure Analysis, 2017, 80, 386-402.	4.0	7

#	ARTICLE	IF	CITATIONS
19	Forensic Engineering in Italy: A Reality. Journal of Performance of Constructed Facilities, 2013, 27, 498-499.	2.0	3
20	The Italian Association of Forensic Engineering. , 2012, , .		1
21	Partial Collapse of an Ancient Masonry Church. , 2012, , .		0
22	Investigation on the 2010 Schola Armaturarum collapse in Pompeii. International Journal of Forensic Engineering, 2016, 3, 5.	0.1	0