

Giosu  Boscato

List of Publications by Year in descending order

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times ranked

401
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Sensitivity-Based Model Updating for Heritage Structures. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2015, 30, 620-635.	9.8	66
2	Free Vibrations of Pultruded FRP Elements: Mechanical Characterization, Analysis, and Applications. <i>Journal of Composites for Construction</i> , 2009, 13, 565-574.	3.2	52
3	Dynamic investigation on the Mirandola bell tower in post-earthquake scenarios. <i>Bulletin of Earthquake Engineering</i> , 2017, 15, 313-337.	4.1	46
4	Seismic Behavior of a Complex Historical Church in L'Aquila. <i>International Journal of Architectural Heritage</i> , 2014, 8, 718-757.	3.1	42
5	Free vibrations of a pultruded GFRP frame with different rotational stiffnesses of bolted joints. <i>Mechanics of Composite Materials</i> , 2013, 48, 655-668.	1.4	34
6	Dynamic Response of a Sheet Pile of Fiber-Reinforced Polymer for Waterfront Barriers. <i>Journal of Composites for Construction</i> , 2011, 15, 974-984.	3.2	33
7	SHM of Historic Damaged Churches. <i>Advanced Materials Research</i> , 0, 838-841, 2071-2078.	0.3	26
8	Buckling of Built-Up Columns of Pultruded Fiber-Reinforced Polymer C-Sections. <i>Journal of Composites for Construction</i> , 2014, 18, .	3.2	25
9	Dissipative capacity on FRP spatial pultruded structure. <i>Composite Structures</i> , 2014, 113, 339-353.	5.8	24
10	Experimental and numerical investigation on dynamic properties of thin-walled GFRP buckled columns. <i>Composite Structures</i> , 2018, 189, 273-285.	5.8	24
11	Non-destructive experimentation: Dynamic identification of multi-leaf masonry walls damaged and consolidated. <i>Composites Part B: Engineering</i> , 2018, 133, 145-165.	12.0	24
12	Treed gaussian process for manufacturing imperfection identification of pultruded GFRP thin-walled profile. <i>Composite Structures</i> , 2020, 254, 112882.	5.8	20
13	Performance of built-up columns made by pultruded FRP material. <i>Composite Structures</i> , 2015, 121, 46-63.	5.8	19
14	Structural Health Monitoring through Vibration-Based Approaches. <i>Shock and Vibration</i> , 2019, 2019, 1-5.	0.6	17
15	Renovation of a School Building: Energy Retrofit and Seismic Upgrade in a School Building in Motta Di Livenza. <i>Sustainability</i> , 2018, 10, 969.	3.2	14
16	Knowledge of the Construction Technique of the Multiple Leaf Masonry Facades of Palazzo Ducale in Venice with ND and MD Tests. <i>Advanced Materials Research</i> , 0, 919-921, 318-324.	0.3	13
17	Anime Sante Church's Dome After 2009 L'Aquila Earthquake, Monitoring and Strengthening Approaches. <i>Advanced Materials Research</i> , 2012, 446-449, 3467-3485.	0.3	12
18	Comparative study on dynamic parameters and seismic demand of pultruded FRP members and structures. <i>Composite Structures</i> , 2017, 174, 399-419.	5.8	11

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19	Non-linear continuous model for three leaf masonry walls. Construction and Building Materials, 2020, 244, 118356.	7.2	11
20	Recursive partitioning and Gaussian Process Regression for the detection and localization of damages in pultruded Glass Fiber Reinforced Polymer material. Structural Control and Health Monitoring, 2021, 28, e2805.	4.0	11
21	A new concrete-glulam prefabricated composite wall system: Thermal behavior, life cycle assessment and structural response. Journal of Building Engineering, 2018, 19, 384-401.	3.4	10
22	Multi-Leaf Masonry Walls with Full, Damaged and Consolidated Infill: Experimental and Numerical Analyses. Key Engineering Materials, 2017, 747, 488-495.	0.4	7
23	Collapse Mechanisms due to Earthquake in the Structural Typologies of Historic Constructions: The Case of Mirandola. Key Engineering Materials, 0, 624, 59-65.	0.4	6
24	Multi-leaf masonry walls: Load transfer mechanisms sensitivity to mechanic and geometric parameters. Structures, 2021, 31, 540-557.	3.6	6
25	Approach and methodology in understanding the structural behaviour of historic arch bridges through dynamic monitoring: the case of Rialto bridge in Venice. IABSE Symposium Report, 2010, , .	0.0	6
26	Anime Sante Church's Dome After 2009 L'Aquila Earthquake, Monitoring and Strengthening Approaches. Advanced Materials Research, 0, 446-449, 3467-3485.	0.3	6
27	Seismic monitoring by piezoelectric accelerometers of a damaged historical monument in downtown L'Aquila. Annals of Geophysics, 2015, 57, .	1.0	5
28	Dynamic Parameters of Pultruded GFRP Structures for Seismic Protection of Historical Building Heritage. Key Engineering Materials, 2014, 624, 461-469.	0.4	2
29	Structural Behaviour and Comparison of CGF Panels. Advanced Materials Research, 2014, 900, 463-467.	0.3	2
30	Sensitivity to Damage Imperfection for Multileaf Masonry Walls Based on Vibrational Analyses. Shock and Vibration, 2018, 2018, 1-14.	0.6	2
31	Structural Performance of a New Column's Prototype Made by FRP Pultruded Material and Light Concrete. Advanced Materials Research, 2014, 900, 468-472.	0.3	1
32	Seismic Design of Pultruded FRP Structures as Ancillary and/or Independent Solution. Key Engineering Materials, 0, 747, 586-593.	0.4	1
33	Surveys on the Jagannath temple's seismic response in Kathmandu. International Journal of Masonry Research and Innovation, 2018, 3, 382.	0.4	1
34	GFRP Structures Subjected to Dynamic Action. , 2011, , 127-130.		1
35	Methodology for the Dynamic Identification of Damaged Unreinforced Masonry Walls through Vibrations Tests. , 2018, , .		1
36	Damage Assessment of Historic Buildings Hit by Earthquake. Advanced Materials Research, 0, 919-921, 1020-1026.	0.3	0

#	ARTICLE	IF	CITATIONS
37	Experimental Investigation on Shear-Reinforced Masonry Sample with FRP Bars. Advanced Materials Research, 2014, 919-921, 411-415.	0.3	0
38	First Evaluations on Structural Response of FRP Pultruded Applications Subjected to Seismic Actions. Advanced Materials Research, 2014, 900, 449-454.	0.3	0
39	Performance of Different Connections for a SFGP-RC Prototype Panel. Advanced Materials Research, 0, 900, 455-458.	0.3	0
40	Design of an Innovative Large FRP Pultruded Structure. Advanced Materials Research, 2014, 900, 430-434.	0.3	0
41	Static Monitoring and Non-Destructive Test of a Historic Damaged Palace. Advanced Materials Research, 2014, 919-921, 334-337.	0.3	0
42	On the Performance of a Very Large All-GFRP Strut and Tie Structure. Mechanics of Composite Materials, 2014, 50, 404-416.	1.4	0
43	Proposal of the concrete-GFR P interaction models. Composites: Mechanics, Computations, Applications, 2014, 5, 273-303.	0.3	0