

Pietro Crespi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/447698/publications.pdf>

Version: 2024-02-01

21
papers

270
citations

840776

11
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

195
citing authors

#	ARTICLE	IF	CITATIONS
1	The Strength and Strain of High-strength Concrete Elements with Confinement and Steel Fiber Reinforcement Including the Conditions of the Effect of Elevated Temperatures. <i>Procedia Engineering</i> , 2015, 117, 970-979.	1.2	31
2	Structural analysis of stone masonry columns of the Basilica S. Maria di Collemaggio. <i>Engineering Structures</i> , 2016, 129, 81-90.	5.3	27
3	On the collapse evaluation of existing RC bridges exposed to corrosion under horizontal loads. <i>Engineering Failure Analysis</i> , 2020, 116, 104727.	4.0	25
4	Influence of corrosion effects on the seismic capacity of existing RC bridges. <i>Engineering Failure Analysis</i> , 2022, 140, 106546.	4.0	25
5	Resonance of steel wind turbines: Problems and solutions. <i>Structures</i> , 2021, 32, 65-75.	3.6	23
6	Numerical approaches for cross-laminated timber roof structure optimization in seismic retrofitting of a historical masonry church. <i>Bulletin of Earthquake Engineering</i> , 2020, 18, 487-512.	4.1	20
7	Novel Methodology for Nondestructive Evaluation of Brick Walls: Fuzzy Logic Analysis of MASW Tests. <i>Journal of Infrastructure Systems</i> , 2008, 14, 117-128.	1.8	17
8	Seismic Assessment of Six Typologies of Existing RC Bridges. <i>Infrastructures</i> , 2020, 5, 52.	2.8	16
9	Flexural strength-ductility assessment of unreinforced masonry cross-sections: analytical expressions. <i>Engineering Structures</i> , 2017, 148, 399-409.	5.3	14
10	Unloading and Reloading Process for the Earthquake Damage Repair of Ancient Masonry Columns: The Case of the Basilica di Collemaggio. <i>International Journal of Architectural Heritage</i> , 2022, 16, 1683-1698.	3.1	13
11	Wind loading on trees integrated with a building envelope. <i>Wind and Structures, an International Journal</i> , 2013, 17, 69-85.	0.8	13
12	The new foundation system of the Basilica di Collemaggio's transept. <i>International Journal of Masonry Research and Innovation</i> , 2020, 5, 67.	0.4	11
13	Damage in glass-concrete composite panels. <i>Construction and Building Materials</i> , 2016, 116, 235-244.	7.2	10
14	Seismic vulnerability assessment of an Italian historical masonry dry dock. <i>Case Studies in Structural Engineering</i> , 2017, 7, 1-23.	1.6	7
15	A linear complementarity approach to the time integration of dynamic elastic-plastic structural problems. <i>Meccanica</i> , 2019, 54, 1597-1609.	2.0	6
16	Response of Connections between Concrete Corbels and Safety Barriers. <i>Materials</i> , 2019, 12, 4103.	2.9	4
17	Stainless Steel Rebar for Seismic Applications. , 2006, , 255-264.		3
18	Structural Analysis and Design of Reinforced Concrete Bridge Corbels. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6727.	2.5	2

#	ARTICLE	IF	CITATIONS
19	A non-standard numerical method for finite element modelling of tensile cracks in quasi-brittle material. Computers and Structures, 2022, 258, 106664.	4.4	1
20	On the seismic vulnerability evaluation of RC bridges exposed to corrosion. , 2021, , .		1
21	Tensile behavior of different anchor channel connections. Journal of Building Engineering, 2022, 45, 103438.	3.4	1