

# Laura Anania

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/39592/publications.pdf>

Version: 2024-02-01

21  
papers

224  
citations

1478505

6  
h-index

1058476

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

228  
citing authors

#	ARTICLE	IF	CITATIONS
1	The stones in monumental masonry buildings of the "Val di Noto" area: New data on the relationships between petrographic characters and physical-mechanical properties. Construction and Building Materials, 2012, 33, 122-132.	7.2	68
2	Damage and collapse mode of existing post tensioned precast concrete bridge: The case of Petruella viaduct. Engineering Structures, 2018, 162, 226-244.	5.3	48
3	Increasing the flexural performance of RC beams strengthened with CFRP materials. Construction and Building Materials, 2005, 19, 55-61.	7.2	30
4	The post strengthening of the masonry vaults by the "Wrap" technique based on the use of C-FRP. Construction and Building Materials, 2013, 47, 1053-1068.	7.2	24
5	Limit analysis of vaulted structures strengthened by an innovative technology in applying CFRP. Construction and Building Materials, 2017, 145, 336-346.	7.2	19
6	Bond Behavior of Standard and Reinforced Anchorage between CFRP Sheet and Natural Calcareous Stone. Applied Mechanics and Materials, 2013, 446-447, 1091-1098.	0.2	6
7	Out of Plane Behavior of Calcareous Masonry Panels Strengthened by CFRP. APCBEE Procedia, 2014, 9, 401-406.	0.5	6
8	The Use of Carbon Fiber Cementitious Matrix Connection for the Strengthening of Multiple-Leaves Masonry. Key Engineering Materials, 2017, 747, 366-373.	0.4	5
9	Numerical validation of double punch test for the assessment of tensile strength in natural fiber reinforced concrete. Mechanics of Advanced Materials and Structures, 2019, 26, 238-247.	2.6	4
10	The Strengthening of the Bridge Deck Plates by P.B.O-F.R.C.M Composite Materials. Advanced Materials Research, 2012, 548, 58-63.	0.3	2
11	Experimental Investigation on Mix Designed HSC HSFRCC Specimens Performed with Volcanic Aggregate. Advanced Materials Research, 0, 753-755, 591-603.	0.3	2
12	Numerical simulation of tests for the evaluation of the performance of the reinforced concrete slabs strengthening by FRCM. Curved and Layered Structures, 2016, 3, .	1.3	2
13	Mechanical properties and durability of ancient mortars in the historic buildings of Eastern Sicily. Mechanics of Advanced Materials and Structures, 2020, , 1-12.	2.6	2
14	The effectiveness of FRCM-U-wrap joist: An alternative solution in flexural strengthening of reinforced concrete beams. Mechanics of Advanced Materials and Structures, 2021, 28, 237-251.	2.6	2
15	Numerical and Experimental Investigation on Real Temporary Structures Useful for Incremental Launching Bridge Construction. , 2008, , .		1
16	Mechanical characterization of recycled tire rubber to be used as seismic isolation of the structure. , 2014, , .		1
17	PUNCH TEST FOR THE ASSESSMENT OF FRACTURE ENERGY ON CONCRETE MIXED TO NATURAL PLANT FIBERS. Proceedings of International Structural Engineering and Construction, 2017, 4, .	0.1	1
18	Experimental validation of an algorithm for masonry vaults reinforced by the "Wrap" technique. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
19	Shear test on full scale auxiliary pier columns used in the viaduct construction process. IABSE Symposium Report, 2010, , .	0.0	0
20	The First Results for a New Layout of the Stay Cables for Great Span Bridges. Procedia Engineering, 2011, 14, 1493-1500.	1.2	0
21	F-RCM bundle as connection in multiple leaf masonry: Experimental investigation. , 2019, , 1554-1568.		0