

# Barbara Ferracuti

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,076  
citations

623734

14  
h-index

552781

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

784  
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental study on delamination of FRP plates bonded to concrete. <i>Construction and Building Materials</i> , 2008, 22, 1409-1421.	7.2	203
2	Interface law for FRP-concrete delamination. <i>Composite Structures</i> , 2007, 80, 523-531.	5.8	197
3	A new single-shear set-up for stable debonding of FRP-concrete joints. <i>Construction and Building Materials</i> , 2009, 23, 1529-1537.	7.2	113
4	Concrete crack reduction in tunnel linings by steel fibre-reinforced concretes. <i>Construction and Building Materials</i> , 2013, 44, 249-259.	7.2	78
5	Response Surface with random factors for seismic fragility of reinforced concrete frames. <i>Structural Safety</i> , 2010, 32, 42-51.	5.3	66
6	Verification of displacement-based adaptive pushover through multi-ground motion incremental dynamic analyses. <i>Engineering Structures</i> , 2009, 31, 1789-1799.	5.3	49
7	Assessment of a bond strength model for FRP reinforcement externally bonded over masonry blocks. <i>Composites Part B: Engineering</i> , 2014, 61, 147-161.	12.0	47
8	Experimental bond tests on masonry panels strengthened by FRP. <i>Composites Part B: Engineering</i> , 2015, 80, 223-237.	12.0	46
9	Comparative seismic loss analysis of an existing non-ductile RC building based on element fragility functions proposals. <i>Engineering Structures</i> , 2018, 177, 707-723.	5.3	36
10	Axial Shear interaction on CLT hold-down connections Experimental investigation. <i>Engineering Structures</i> , 2018, 160, 95-110.	5.3	33
11	Fuzzy sets based interpretation of the safety factor. <i>Fuzzy Sets and Systems</i> , 2006, 157, 2495-2512.	2.7	28
12	Residual Flexural Capacity of Corroded Prestressed Reinforced Concrete Beams. <i>Metals</i> , 2021, 11, 442.	2.3	28
13	Destructive and minor destructive tests on masonry buildings: Experimental results and comparison between shear failure criteria. <i>Construction and Building Materials</i> , 2019, 199, 12-29.	7.2	22
14	Strengthening of Masonry Elements by FRP: Influence of Brick Mechanical and Microstructural Properties. <i>Key Engineering Materials</i> , 2014, 624, 330-337.	0.4	15
15	RC frame structures retrofitted by FRP-wrapping: A model for columns under axial loading and cyclic bending. <i>Engineering Structures</i> , 2020, 207, 110243.	5.3	15
16	Experimental Study on Masonry Panels Strengthened by GFRP: The Role of Inclination between Mortar Joints and GFRP Sheets. <i>Key Engineering Materials</i> , 2014, 624, 559-566.	0.4	14
17	Seismic demand model class uncertainty in seismic loss analysis for a code-designed URM infilled RC frame building. <i>Bulletin of Earthquake Engineering</i> , 2021, 19, 429-462.	4.1	14
18	Four Alternative Definitions of the Fuzzy Safety Factor. <i>Journal of Aerospace Engineering</i> , 2006, 19, 281-287.	1.4	13

#	ARTICLE	IF	CITATIONS
19	Inverse Analysis for the Calibration of FRPâ€™ Concrete Interface Law. Advances in Structural Engineering, 2009, 12, 613-625.	2.4	13
20	Typological fragility curves for RC buildings: influence of damage index and building sample selection. Engineering Structures, 2022, 266, 114627.	5.3	11
21	Cyclic response of CLT Post-Tensioned Walls: Experimental and numerical investigation. Construction and Building Materials, 2021, 308, 125019.	7.2	7
22	SEISMIC LOSS ANALYSIS OF A MODERN RC BUILDING ACCOUNTING FOR UNCERTAINTY OF INFILL STRUT MODELING PARAMETERS. , 2019, , .		4
23	Fragility Curves of Existing RC Buildings Accounting for Bidirectional Ground Motion. Buildings, 2022, 12, 872.	3.1	4
24	Corrosion level estimation by means of the surface crack width. Construction and Building Materials, 2022, 342, 128010.	7.2	4
25	SEISMIC FRAGILITY CURVES FOR RC BUILDINGS AT TERRITORIAL SCALE. , 2019, , .		3
26	Damage to Churches after the 2016 Central Italy Seismic Sequence. Geosciences (Switzerland), 2022, 12, 122.	2.2	3
27	Application of bidirectional ground motion on existing RC building for seismic loss analysis. AIP Conference Proceedings, 2020, , .	0.4	2
28	Experimental Tests on Bond Performance between Corroded Steel Reinforcements and Concrete. , 2021, 6, .		2
29	Experimental test on flexural performance of prestressed concrete beams damaged by corrosion. , 2021, 6, .		0