Barbara Ferracuti

List of Publications by Year
in descending order

29	1,076	623734	552781
papers	citations	14 h-index	26 g-index

30	30	30	784
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Damage to Churches after the 2016 Central Italy Seismic Sequence. Geosciences (Switzerland), 2022, 12, 122.	2.2	3
2	Fragility Curves of Existing RC Buildings Accounting for Bidirectional Ground Motion. Buildings, 2022, 12, 872.	3.1	4
3	Corrosion level estimation by means of the surface crack width. Construction and Building Materials, 2022, 342, 128010.	7.2	4
4	Typological fragility curves for RC buildings: influence of damage index and building sample selection. Engineering Structures, 2022, 266, 114627.	5.3	11
5	Seismic demand model class uncertainty in seismic loss analysis for a code-designed URM infilled RC frame building. Bulletin of Earthquake Engineering, 2021, 19, 429-462.	4.1	14
6	Residual Flexural Capacity of Corroded Prestressed Reinforced Concrete Beams. Metals, 2021, 11, 442.	2.3	28
7	Cyclic response of CLT Post-Tensioned Walls: Experimental and numerical investigation. Construction and Building Materials, 2021, 308, 125019.	7.2	7
8	Experimental Tests on Bond Performance between Corroded Steel Reinforcements and Concrete. , 2021, 6, .		2
9	Experimental test on flexural performance of prestressed concrete beams damaged by corrosion. , 2021, 6, .		0
10	RC frame structures retrofitted by FRP-wrapping: A model for columns under axial loading and cyclic bending. Engineering Structures, 2020, 207, 110243.	5.3	15
11	Application of bidirectional ground motion on existing RC building for seismic loss analysis. AIP Conference Proceedings, 2020, , .	0.4	2
12	Destructive and minor destructive tests on masonry buildings: Experimental results and comparison between shear failure criteria. Construction and Building Materials, 2019, 199, 12-29.	7.2	22
13	SEISMIC FRAGILITY CURVES FOR RC BUILDINGS AT TERRITORIAL SCALE. , 2019, , .		3
14	SEISMIC LOSS ANALYSIS OF A MODERN RC BUILDING ACCOUNTING FOR UNCERTAINTY OF INFILL STRUT MODELING PARAMETERS. , 2019, , .		4
15	Axial â€“ Shear interaction on CLT hold-down connections â€“ Experimental investigation. Engineering Structures, 2018, 160, 95-110.	5.3	33
16	Comparative seismic loss analysis of an existing non-ductile RC building based on element fragility functions proposals. Engineering Structures, 2018, 177, 707-723.	5.3	36
17	Experimental bond tests on masonry panels strengthened by FRP. Composites Part B: Engineering, 2015, 80, 223-237.	12.0	46
18	Experimental Study on Masonry Panels Strengthened by GFRP: The Role of Inclination between Mortar Joints and GFRP Sheets. Key Engineering Materials, 2014, 624, 559-566.	0.4	14

#	Article	IF	Citations
19	Strengthening of Masonry Elements by FRP: Influence of Brick Mechanical and Microstructural Properties. Key Engineering Materials, 2014, 624, 330-337.	0.4	15
20	Assessment of a bond strength model for FRP reinforcement externally bonded over masonry blocks. Composites Part B: Engineering, 2014, 61, 147-161.	12.0	47
21	Concrete crack reduction in tunnel linings by steel fibre-reinforced concretes. Construction and Building Materials, 2013, 44, 249-259.	7.2	78
22	Response Surface with random factors for seismic fragility of reinforced concrete frames. Structural Safety, 2010, 32, 42-51.	5.3	66
23	A new single-shear set-up for stable debonding of FRPâ€“concrete joints. Construction and Building Materials, 2009, 23, 1529-1537.	7.2	113
24	Verification of displacement-based adaptive pushover through multi-ground motion incremental dynamic analyses. Engineering Structures, 2009, 31, 1789-1799.	5.3	49
25	Inverse Analysis for the Calibration of FRPâ€”Concrete Interface Law. Advances in Structural Engineering, 2009, 12, 613-625.	2.4	13
26	An experimental study on delamination of FRP plates bonded to concrete. Construction and Building Materials, 2008, 22, 1409-1421.	7.2	203
27	Interface law for FRPâ€“concrete delamination. Composite Structures, 2007, 80, 523-531.	5.8	197
28	Four Alternative Definitions of the Fuzzy Safety Factor. Journal of Aerospace Engineering, 2006, 19, 281-287.	1.4	13
29	Fuzzy sets based interpretation of the safety factor. Fuzzy Sets and Systems, 2006, 157, 2495-2512.	2.7	28