

# Gianluca Maracchini

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8461303/publications.pdf>

Version: 2024-02-01

17  
papers

372  
citations

1039406

9  
h-index

887659

17  
g-index

18  
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18  
docs citations

18  
times ranked

398  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Occupants' Behavior Uncertainty on Building Energy Consumption Through the Karhunen-Loève Expansion Technique: A Case Study in Italy. <i>Smart Innovation, Systems and Technologies</i> , 2022, , 197-207.	0.5	2
2	Improving the livability of lightweight emergency architectures: A numerical investigation on a novel reinforced-EPS based construction system. <i>Building and Environment</i> , 2022, 208, 108601.	3.0	12
3	TRM reinforced tuff and fired clay brick masonry: Experimental and analytical investigation on their in-plane and out-of-plane behavior. <i>Construction and Building Materials</i> , 2021, 272, 121643.	3.2	39
4	A Software Tool for a Stochastic Life Cycle Assessment and Costing of Buildings' Energy Efficiency Measures. <i>Sustainability</i> , 2021, 13, 7975.	1.6	10
5	Thermal performance of a novel lightweight emergency construction system in different climates. <i>Journal of Physics: Conference Series</i> , 2021, 2069, 012066.	0.3	1
6	A Stochastic Approach to LCA of Internal Insulation Solutions for Historic Buildings. <i>Sustainability</i> , 2020, 12, 1535.	1.6	18
7	Experimental investigation on the durability of a novel lightweight prefabricated reinforced-EPS based construction system. <i>Construction and Building Materials</i> , 2020, 252, 119134.	3.2	21
8	Internal Insulation of Historic Buildings: A Stochastic Approach to Life Cycle Costing Within RIBuild EU Project. <i>Smart Innovation, Systems and Technologies</i> , 2020, , 349-359.	0.5	1
9	An experimental investigation on the indoor hygrothermal environment of a reinforced-EPS based temporary housing solution. <i>Energy and Buildings</i> , 2019, 204, 109500.	3.1	20
10	An experimental and numerical study on CLT panels used as infill shear walls for RC buildings retrofit. <i>Construction and Building Materials</i> , 2019, 211, 605-616.	3.2	32
11	Can Textile Reinforced Mortar (TRM) Systems Be Really Effective to Increase Compressive Strength of Masonry Panels?. <i>Key Engineering Materials</i> , 2019, 817, 435-441.	0.4	2
12	Experimental and FEM Investigation of Cob Walls under Compression. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-13.	0.4	11
13	Uses and limits of the Equivalent Frame Model on existing unreinforced masonry buildings for assessing their seismic risk: A review. <i>Journal of Building Engineering</i> , 2017, 10, 166-182.	1.6	133
14	Preliminary study of the influence of different modelling choices and materials properties uncertainties on the seismic assessment of an existing RC school building. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	7
15	Strengthening three-leaf masonry with basalt fibre: Experimental and numerical data. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	3
16	Experimental assessment of concrete compressive strength in old existing RC buildings: A possible way to reduce the dispersion of DT results. <i>Journal of Building Engineering</i> , 2016, 8, 162-171.	1.6	14
17	Post-World War II Italian school buildings: typical and specific seismic vulnerabilities. <i>Journal of Building Engineering</i> , 2015, 4, 152-166.	1.6	46