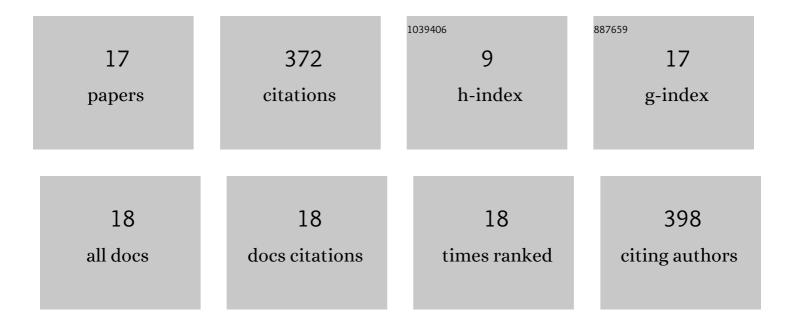
## Gianluca Maracchini

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8461303/publications.pdf Version: 2024-02-01



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