

Gianluca Maracchini

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

372
citations

1039406

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887659

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all docs

18
docs citations

18
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
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	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
5	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
6	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
7	A Stochastic Approach to LCA of Internal Insulation Solutions for Historic Buildings. <i>Sustainability</i> , 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. <i>Journal of Building Engineering</i> , 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. <i>Building and Environment</i> , 2022, 208, 108601.	3.0	12
10	Experimental and FEM Investigation of Cob Walls under Compression. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-13.	0.4	11
11	A Software Tool for a Stochastic Life Cycle Assessment and Costing of Buildingsâ€™ Energy Efficiency Measures. <i>Sustainability</i> , 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. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	7
13	Strengthening three-leaf masonry with basalt fibre: Experimental and numerical data. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	3
14	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
15	Impact of Occupantsâ€™ Behavior Uncertainty on Building Energy Consumption Through the Karhunen-LoÃ©ve Expansion Technique: A Case Study in Italy. <i>Smart Innovation, Systems and Technologies</i> , 2022, , 197-207.	0.5	2
16	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
17	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