

João M Pereira

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Preliminary Design of a New Lightweight Floor System. Lecture Notes in Civil Engineering, 2022, , 2355-2364.	0.4	0
2	Multi-objective Design Optimization of Sandwich Panel. Lecture Notes in Civil Engineering, 2022, , 2347-2354.	0.4	0
3	Experimental and numerical analysis on the structural fire behaviour of three-cell hollowed concrete masonry walls. Engineering Structures, 2021, 228, 111439.	5.3	17
4	In-plane behaviour of rubble stone masonry walls: Experimental, numerical and analytical approach. Construction and Building Materials, 2021, 271, 121548.	7.2	10
5	Influence of the printing direction and age on the mechanical properties of 3D printed concrete. Materials and Structures/Materiaux Et Constructions, 2021, 54, 1.	3.1	17
6	Development of Photocatalytic 3D-Printed Cementitious Mortars: Influence of the Curing, Spraying Time Gaps and TiO2 Coating Rates. Buildings, 2021, 11, 381.	3.1	8
7	Thermomechanical behaviour of refractory dry-stacked masonry walls under uniaxial compression. Engineering Structures, 2021, 240, 112361.	5.3	13
8	Normal and tangential behaviour of dry joints in refractory masonry. Engineering Structures, 2021, 243, 112600.	5.3	11
9	Numerical Analysis of an Earthen Masonry Structure Subjected to Blast Loading. CivilEng, 2021, 2, 969-985.	1.4	3
10	Lateral in-plane seismic response of confined masonry walls: From numerical to backbone models. Engineering Structures, 2020, 221, 111098.	5.3	10
11	A meso-scale discrete element method framework to simulate thermo-mechanical failure of concrete subjected to elevated temperatures. Engineering Fracture Mechanics, 2020, 239, 107269.	4.3	21
12	Finite element based micro modelling of masonry walls subjected to fire exposure: Framework validation and structural implications. Engineering Structures, 2020, 213, 110545.	5.3	13
13	In-situ Investigation and Stability Analysis of the Armenian Church in Famagusta. , 2017, , 231-243.		0
14	Experimental Characterization of Masonry and Masonry Components at High Strain Rates. Journal of Materials in Civil Engineering, 2017, 29, .	2.9	14
15	Experimental bond behaviour of GFRP and masonry bricks under impulsive loading. Materials and Structures/Materiaux Et Constructions, 2016, 49, 4799-4811.	3.1	8
16	Masonry infill walls under blast loading using confined underwater blast wave generators (WBWG). Engineering Structures, 2015, 92, 69-83.	5.3	36
17	Risk Assessment Due to Terrorist Actions on Public Transportation Networks: A Case Study in Portugal. International Journal of Protective Structures, 2014, 5, 391-415.	2.3	7
18	Study of the Seismic Behavior of the "Old Municipal Chambers" Building in Christchurch, New Zealand. Journal of Earthquake Engineering, 2013, 17, 350-377.	2.5	14