

João M Pereira

List of Publications by Year in descending order

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175
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Masonry infill walls under blast loading using confined underwater blast wave generators (WBWG). Engineering Structures, 2015, 92, 69-83. | 5.3 | 36 |
| 2 | 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 |
| 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 | 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 |
| 5 | 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 |
| 6 | Experimental Characterization of Masonry and Masonry Components at High Strain Rates. Journal of Materials in Civil Engineering, 2017, 29, . | 2.9 | 14 |
| 7 | 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 |
| 8 | Thermomechanical behaviour of refractory dry-stacked masonry walls under uniaxial compression. Engineering Structures, 2021, 240, 112361. | 5.3 | 13 |
| 9 | Normal and tangential behaviour of dry joints in refractory masonry. Engineering Structures, 2021, 243, 112600. | 5.3 | 11 |
| 10 | Lateral in-plane seismic response of confined masonry walls: From numerical to backbone models. Engineering Structures, 2020, 221, 111098. | 5.3 | 10 |
| 11 | In-plane behaviour of rubble stone masonry walls: Experimental, numerical and analytical approach. Construction and Building Materials, 2021, 271, 121548. | 7.2 | 10 |
| 12 | Experimental bond behaviour of GFRP and masonry bricks under impulsive loading. Materials and Structures/Materiaux Et Constructions, 2016, 49, 4799-4811. | 3.1 | 8 |
| 13 | 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 |
| 14 | 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 |
| 15 | Numerical Analysis of an Earthen Masonry Structure Subjected to Blast Loading. CivilEng, 2021, 2, 969-985. | 1.4 | 3 |
| 16 | In-situ Investigation and Stability Analysis of the Armenian Church in Famagusta. , 2017, , 231-243. | | 0 |
| 17 | A Preliminary Design of a New Lightweight Floor System. Lecture Notes in Civil Engineering, 2022, , 2355-2364. | 0.4 | 0 |
| 18 | Multi-objective Design Optimization of Sandwich Panel. Lecture Notes in Civil Engineering, 2022, , 2347-2354. | 0.4 | 0 |