

João G Ferreira

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,296
citations

361045

20
h-index

344852

36
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52
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52
docs citations

52
times ranked

1012
citing authors

#	ARTICLE	IF	CITATIONS
1	SHELTER – Structural Hyper-resisting element for life Threatening Earthquake Risk. Static tests on the shelter structure. <i>Journal of Building Engineering</i> , 2022, 47, 103824.	1.6	2
2	In-Plane Seismic Behavior of Brick Masonry Walls Reinforced with Twisted Steel Bars and Conventional Steel Bars. <i>Buildings</i> , 2022, 12, 421.	1.4	3
3	The Design of a Structural Hyper-Resisting Element for Life-Threatening Earthquake Risk (SHELTER) for Building Collapse Scenarios: The Safety Chairs. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4103.	1.3	2
4	Experimental Evaluation of Brick Masonry Walls Strengthened with TRM (Textile Reinforced Mortar) Renders. <i>Buildings</i> , 2022, 12, 840.	1.4	4
5	SHELTER – Structural Hyper-resisting Element for Life Threatening Earthquake Risk. An innovative approach for seismic protection. <i>Engineering Structures</i> , 2021, 235, 112012.	2.6	3
6	Sustainable Campus: The Experience of the University of Lisbon at IST. <i>Sustainability</i> , 2021, 13, 8050.	1.6	5
7	Experimental and numerical analysis of the behaviour of masonry walls strengthened with CFRP reinforced render. <i>Asian Journal of Civil Engineering</i> , 2020, 21, 331-349.	0.8	4
8	Modulus of elasticity of mortars: Static and dynamic analyses. <i>Construction and Building Materials</i> , 2020, 232, 117216.	3.2	27
9	Effect of the Addition of GGBS on the Frost Scaling and Chloride Migration Resistance of Concrete. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3940.	1.3	13
10	Método para el diseño arquitectónico de casas de madera en Portugal. <i>Informes De La Construccion</i> , 2020, 72, e370.	0.1	0
11	Optical Measurement of Planar Deformations in the Destructive Mechanical Testing of Masonry Specimens. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 371.	1.3	0
12	Experimental and numerical analysis of GFRP frame structures. Part 2: Monotonic and cyclic sway behaviour of plane frames. <i>Composite Structures</i> , 2019, 220, 194-208.	3.1	11
13	Characterization of timber masonry walls with dynamic tests. <i>International Journal of Architectural Heritage</i> , 2019, 13, 298-313.	1.7	4
14	Strengthening of Old Masonry Walls for out-of-Plane Seismic Loading with a CFRP Reinforced Render. <i>Experimental Techniques</i> , 2018, 42, 355-369.	0.9	10
15	Characterization of reinforced Timber Masonry Walls in “Pombalino” buildings with dynamic tests. <i>Engineering Structures</i> , 2018, 166, 93-106.	2.6	6
16	Experimental characterization of in-plane behaviour of old masonry walls strengthened through the addition of CFRP reinforced render. <i>Composites Part B: Engineering</i> , 2018, 148, 14-26.	5.9	34
17	Dynamic characterization of full-scale structures made with recycled coarse aggregates. <i>Journal of Cleaner Production</i> , 2017, 142, 4195-4205.	4.6	32
18	Failure behaviour and repair of delaminated glulam beams. <i>Construction and Building Materials</i> , 2017, 154, 384-398.	3.2	6

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19	Bonding and anchoring of a CFRP reinforced render for the external strengthening of old masonry buildings. <i>Construction and Building Materials</i> , 2017, 155, 56-64.	3.2	11
20	An innovative anchoring system for old masonry buildings. <i>Journal of Building Engineering</i> , 2017, 13, 184-195.	1.6	3
21	Structural, material, mechanical and durability properties and behaviour of recycled aggregates concrete. <i>Journal of Building Engineering</i> , 2016, 6, 1-16.	1.6	161
22	Characterization of Timber Masonry Walls with Dynamic Tests. <i>Lecture Notes in Civil Engineering</i> , 2016, , 299-309.	0.3	0
23	Flexural load tests of full-scale recycled aggregates concrete structures. <i>Construction and Building Materials</i> , 2015, 101, 65-71.	3.2	54
24	Measurement of Vertical Deformations in Bridges Using an Innovative Elastic Cell System. <i>Experimental Techniques</i> , 2015, 39, 13-20.	0.9	1
25	Experimental characterization of timber framed masonry walls cyclic behaviour. <i>Structural Engineering and Mechanics</i> , 2015, 53, 189-204.	1.0	3
26	Destructive Horizontal Load Tests of Full-Scale Recycled-Aggregate Concrete Structures. <i>ACI Structural Journal</i> , 2015, 112, .	0.3	43
27	Experimental Evaluation and Numerical Modelling of Timber-Framed Walls. <i>Experimental Techniques</i> , 2014, 38, 45-53.	0.9	28
28	Experimental and numerical study on the effect of repairing reinforced concrete cracked beams strengthened with carbon fibre reinforced polymer laminates. <i>Canadian Journal of Civil Engineering</i> , 2014, 41, 222-231.	0.7	11
29	Use of coarse recycled aggregates from precast concrete rejects: Mechanical and durability performance. <i>Construction and Building Materials</i> , 2014, 71, 263-272.	3.2	149
30	In situ materials characterization of full-scale recycled aggregates concrete structures. <i>Construction and Building Materials</i> , 2014, 71, 237-245.	3.2	45
31	Cyclic behavior of composite timber-masonry wall in quasi-dynamic conditions reinforced with superelastic damper. <i>Construction and Building Materials</i> , 2014, 52, 166-176.	3.2	16
32	Seismic retrofitting of timber framed walls. <i>Materiales De Construccion</i> , 2014, 64, e040.	0.2	4
33	Incremental seismic rehabilitation concept for Romanian civil buildings integrated in natural hazards prevention management. <i>International Journal of Emergency Management</i> , 2013, 9, 248.	0.2	2
34	Behaviour and repair of carpentry connections – Rotational behaviour of the rafter and tie beam connection in timber roof structures. <i>Journal of Cultural Heritage</i> , 2012, 13, S64-S73.	1.5	15
35	Timbered masonry for earthquake resistance in Europe. <i>Materiales De Construccion</i> , 2012, 62, 615-628.	0.2	34
36	Fire protection systems for building floors made of pultruded GFRP profiles. <i>Composites Part B: Engineering</i> , 2010, 41, 617-629.	5.9	81

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37	Fire protection systems for building floors made of pultruded GFRP profiles – Part 2: Modeling of thermomechanical responses. Composites Part B: Engineering, 2010, 41, 630-636.	5.9	44
38	LOAD TESTING OF THE VIADUCTS OF THE NORTH-SOUTH RAILWAY CROSSING IN LISBON. Experimental Techniques, 2010, 34, 38-48.	0.9	2
39	The effect of different passive fire protection systems on the fire reaction properties of GFRP pultruded profiles for civil construction. Composites Part A: Applied Science and Manufacturing, 2010, 41, 441-452.	3.8	48
40	Numerical calculation of the wind action on buildings using Eurocode 1 atmospheric boundary layer velocity profiles. Wind and Structures, an International Journal, 2010, 13, 487-498.	0.8	4
41	GFRP-concrete hybrid cross-sections for floors of buildings. Engineering Structures, 2009, 31, 1331-1343.	2.6	63
42	Flexural behaviour of multi-span GFRP-concrete hybrid beams. Engineering Structures, 2009, 31, 1369-1381.	2.6	39
43	SIMULATION OF THE ATMOSPHERIC BOUNDARY LAYER FOR MODEL TESTING IN A SHORT WIND TUNNEL. Experimental Techniques, 2008, 32, 36-43.	0.9	15
44	Numerical Simulation of GRC Mechanical Behavior. Journal of Materials in Civil Engineering, 2007, 19, 445-453.	1.3	0
45	Lifetime Performance of GFRP Pultruded Profiles for Structural Applications. , 2007, , .		3
46	Flexural behaviour of GFRP-concrete hybrid beams with interconnection slip. Composite Structures, 2007, 77, 66-78.	3.1	97
47	Structural application of GRC in telecommunication towers. Construction and Building Materials, 2007, 21, 19-28.	3.2	31
48	THE USE OF GLASS FIBER-REINFORCED CONCRETE AS A STRUCTURAL MATERIAL. Experimental Techniques, 2007, 31, 64-73.	0.9	27
49	A rehabilitation study of sandwich GRC facade panels. Construction and Building Materials, 2006, 20, 554-561.	3.2	24
50	Durability of pultruded glass-fiber-reinforced polyester profiles for structural applications. Mechanics of Composite Materials, 2006, 42, 325-338.	0.9	70