

Paulo Jfau Mendonca

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

159
citations

1684188

5
h-index

1125743

13
g-index

30
all docs

30
docs citations

30
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainability assessment of an innovative lightweight building technology for partition walls “ Comparison with conventional technologies. Building and Environment, 2013, 67, 147-159.	6.9	89
2	Proposal of an innovative solution for partition walls: Mechanical, thermal and acoustic validation. Construction and Building Materials, 2013, 48, 961-979.	7.2	19
3	Sustainable housing with mixedweight strategy”A case study. Building and Environment, 2007, 42, 3432-3443.	6.9	10
4	Architectural membranes on building’s functional refurbishment. IOP Conference Series: Materials Science and Engineering, 2017, 264, 012005.	0.6	7
5	Retrofitting Dwellings in Traditional Coastal Settlements in Egypt and Portugal Using Nature-Based Solutions and Conventional Thermal Insulation Materials: Technical and Economic Assessment. Journal of Architectural Engineering, 2022, 28, .	1.6	5
6	Environmental Impact Reduction from Using Local Natural Construction Materials: Case Study in the North of Portugal. International Journal of Environmental Science and Development, 2015, 6, 833-837.	0.6	4
7	Building Rehabilitation with Dry and Wet Systems “ Embodied Water Comparison. MATEC Web of Conferences, 2016, 68, 13009.	0.2	3
8	Advantages and Constraints of Living Green Façade Systems. International Journal of Environmental Science and Development, 2017, 8, 124-129.	0.6	3
9	Evaluating the Potential of Vegetation to Capture Pollutants in Urban Environment. Environmental Science and Engineering, 2022, , 3-13.	0.2	3
10	Membrane Sunspace for Old Buildings Refurbishment: Environmental Impact, Economic and Building Technology’s Comparison to Conventional Solutions. MATEC Web of Conferences, 2019, 278, 04002.	0.2	2
11	Evaluating the efficiency of membrane’s refurbishment solutions to perform vertical extensions in old buildings using a multicriteria decision-support model. Architectural Engineering and Design Management, 2022, 18, 1-25.	1.7	2
12	Roof Replacement of a Heritage Building Using Transparent Solutions: Room Acoustic Performance Comparison. International Journal of Architectural Heritage, 2020, , 1-18.	3.1	2
13	ADjustMEMBRANE: Innovative Lightweight Adjustable Partition Wall System. International Journal of Architectonic, Spatial, and Environmental Design, 2014, 7, 39-50.	0.1	2
14	ECONOMIC AND CONSTRUCTION ANALYSIS OF LIGHTWEIGHT MEMBRANES IN HOUSING IN TEMPERATE CLIMATES. Environmental Engineering and Management Journal, 2011, 10, 1485-1493.	0.6	2
15	Digital Fabrication and Crafting for Flexible Building Wall Components: Design and Development of Prototypes. , 2019, , .		2
16	Deconstruction Roles in the Construction and Demolition Waste Management in Portugal - From Design to Site Management. , 0, , .		1
17	Evaluation of resistance to horizontal loads and functional failure from impacts. Informes De La Construcción, 2015, 67, e102.	0.3	1
18	Environmental Benefits from the Use of Vegetable Materials in Building Construction: Case Study in the South of Portugal. International Journal of Environmental Science and Development, 2016, 7, 431-435.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Bioclimatic Performances of Traditional Straw Construction in Italy and in Portugal. Athens Journal of Mediterranean Studies, 2016, 2, 315-330.	0.2	1
20	Estudo das propriedades térmicas de materiais fibrosos aplicados em paredes divisórias leves. Ciência & Tecnologia Dos Materiais, 2013, 25, 50-56.	0.5	0
21	Production, characterization and prediction of mechanical properties of waste fibre reinforced composite panels for application in adjustable partition walls of buildings. International Journal of Plastics Technology, 2015, 19, 153-166.	3.1	0
22	Environmental and economic cost analysis of housing in temperate climate using an innovative lightweight partitioning system. International Journal of Sustainable Energy, 2017, 36, 151-166.	2.4	0
23	Overview of Constructions Made with architectural Membranes: Market, Geographical and Temporal Distribution. MATEC Web of Conferences, 2019, 303, 03004.	0.2	0
24	Functional assessment of lightweight construction solutions in view of sustainability. , 2005, , 555-563.		0
25	Lightweight Dividing Walls: Adaptation to Temperate Climates. International Journal of Environmental, Cultural, Economic and Social Sustainability, 2011, 7, 11-26.	0.1	0
26	Contribution to the fire resistance of timber construction using boards. , 2013, , 2210-2217.		0
27	Energy Performance of Vertical Extensions on Old Buildings: Comparison between Architectural Membranes and Conventional Building Technologies. International Journal of Environmental Science and Development, 2020, 11, 390-400.	0.6	0
28	HERITAGE BUILDINGS AS A CONTRIBUTION TO THE CONTEMPORARY CITY: THE RELOCATION OF BRAGA'S DISTRICT ARCHIVE. Journal of Architecture and Urbanism, 2020, 44, 20-31.	0.7	0