

Manuela Almeida

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

1,009
citations

19
h-index

30
g-index

53
ext. papers

1,192
ext. citations

4.6
avg, IF

4.88
L-index

#	Paper	IF	Citations
53	Overview and future challenges of nearly zero energy buildings (nZEB) design in Southern Europe. <i>Energy and Buildings</i> , 2017 , 155, 439-458	7	170
52	Defects and moisture problems in buildings from historical city centres: a case study in Portugal. <i>Building and Environment</i> , 2006 , 41, 223-234	6.5	71
51	Comparing cost-optimal and net-zero energy targets in building retrofit. <i>Building Research and Information</i> , 2016 , 44, 188-201	4.3	49
50	Cost effective energy and carbon emissions optimization in building renovation (Annex 56). <i>Energy and Buildings</i> , 2017 , 152, 718-738	7	47
49	Oxidative stress in kidney transplantation: malondialdehyde is an early predictive marker of graft dysfunction. <i>Transplantation</i> , 2014 , 97, 1058-65	1.8	43
48	Development of prefabricated retrofit module towards nearly zero energy buildings. <i>Energy and Buildings</i> , 2013 , 56, 115-125	7	41
47	Review and perspectives on Life Cycle Analysis of solar technologies with emphasis on building-integrated solar thermal systems. <i>Renewable Energy</i> , 2015 , 75, 833-846	8.1	40
46	Cost-optimal energy efficiency levels are the first step in achieving cost effective renovation in residential buildings with a nearly-zero energy target. <i>Energy and Buildings</i> , 2016 , 133, 724-737	7	39
45	Benefits from Energy Related Building Renovation Beyond Costs, Energy and Emissions. <i>Energy Procedia</i> , 2015 , 78, 2397-2402	2.3	37
44	Impact of co-benefits on the assessment of energy related building renovation with a nearly-zero energy target. <i>Energy and Buildings</i> , 2017 , 152, 587-601	7	33
43	CostBenefit analysis method for building solutions. <i>Applied Energy</i> , 2016 , 173, 124-133	10.7	27
42	Environmental and cost life cycle analysis of the impact of using solar systems in energy renovation of Southern European single-family buildings. <i>Renewable Energy</i> , 2019 , 137, 82-92	8.1	27
41	Contribution of the solar systems to the nZEB and ZEB design concept in Portugal [Energy, economics and environmental life cycle analysis. <i>Solar Energy Materials and Solar Cells</i> , 2016 , 156, 59-74	6.4	25
40	Tools and procedures to support decision making for cost-effective energy and carbon emissions optimization in building renovation. <i>Energy and Buildings</i> , 2018 , 167, 200-215	7	24
39	Integrated energy design [Education and training in cross-disciplinary teams implementing energy performance of buildings directive (EPBD). <i>Building and Environment</i> , 2014 , 72, 1-14	6.5	24
38	Ten questions concerning cost-effective energy and carbon emissions optimization in building renovation. <i>Building and Environment</i> , 2018 , 143, 15-23	6.5	23
37	Analysis of some Portuguese thermal regulation parameters. <i>Energy and Buildings</i> , 2013 , 58, 141-150	7	21

36	Thermal, luminous and energy performance of solar control films in single-glazed windows: Use of energy performance criteria to support decision making. <i>Energy and Buildings</i> , 2019 , 198, 431-443	7	20
35	School building experimental characterization in Mediterranean climate regarding comfort, indoor air quality and energy consumption. <i>Energy and Buildings</i> , 2020 , 212, 109782	7	20
34	Environmental Comfort Indicators for School Buildings in Sustainability Assessment Tools. <i>Sustainability</i> , 2018 , 10, 1849	3.6	19
33	Relevance of Embodied Energy and Carbon Emissions on Assessing Cost Effectiveness in Building Renovation—Contribution from the Analysis of Case Studies in Six European Countries. <i>Buildings</i> , 2018 , 8, 103	3.2	18
32	Challenges and benefits of building sustainable cooperative housing. <i>Building and Environment</i> , 2013 , 62, 9-17	6.5	17
31	Developing the methodology for determining the relative weight of dimensions employed in sustainable building assessment tools for Brazil. <i>Ecological Indicators</i> , 2017 , 73, 46-51	5.8	15
30	BIM-Based Energy Analysis and Sustainability Assessment—Application to Portuguese Buildings. <i>Buildings</i> , 2021 , 11, 246	3.2	14
29	Shining examples analysed within the EBC Annex 56 project. <i>Energy and Buildings</i> , 2016 , 127, 991-998	7	14
28	Cost-effective Energy and Carbon Emission Optimization in Building Renovation —A Case-Study in a Low Income Neighbourhood. <i>Energy Procedia</i> , 2015 , 78, 2403-2408	2.3	13
27	IEA EBC Annex56 Vision for Cost Effective Energy and Carbon Emissions Optimization in Building Renovation. <i>Energy Procedia</i> , 2015 , 78, 2409-2414	2.3	10
26	Cost optimality and net-zero energy in the renovation of Portuguese residential building stock — Rainha Dona Leonor neighbourhood case study. <i>International Journal of Sustainable Building Technology and Urban Development</i> , 2014 , 5, 306-317		10
25	A triple-biomarker approach for the detection of delayed graft function after kidney transplantation using serum creatinine, cystatin C, and malondialdehyde. <i>Clinical Biochemistry</i> , 2015 , 48, 1033-8	3.5	9
24	Glazing daylighting performance and Trombe wall thermal performance of a modular façade system in four different Portuguese cities. <i>Indoor and Built Environment</i> , 2015 , 24, 544-563	1.8	9
23	Research on the Portuguese Building Stock and Its Impacts on Energy Consumption —An Average U-Value Approach. <i>Archives of Civil Engineering</i> , 2013 , 59, 523-546	1.1	9
22	Effect of Embodied Energy on Cost-Effectiveness of a Prefabricated Modular Solution on Renovation Scenarios in Social Housing in Porto, Portugal. <i>Sustainability</i> , 2020 , 12, 1631	3.6	8
21	Operative Conditions Evaluation for Efficient Building Retrofit—A Case Study. <i>Indoor and Built Environment</i> , 2013 , 22, 724-742	1.8	8
20	Study of Natural Ventilation in wind Tunnels and Influence of the Position of Ventilation Modules and Types of Grids on a Modular Façade System. <i>Energy Procedia</i> , 2016 , 96, 953-964	2.3	7
19	Life-cycle costs and impacts on energy-related building renovation assessments. <i>International Journal of Sustainable Building Technology and Urban Development</i> , 2016 , 7, 206-213		6

18	Ecological Design of New Efficient Energy-Performance Construction Materials with Rigid Polyurethane Foam Waste. <i>Polymers</i> , 2020 , 12,	4.5	5
17	The Inclusion of a Sustainability Awareness Indicator in Assessment Tools for High School Buildings. <i>Sustainability</i> , 2019 , 11, 387	3.6	5
16	Adaptation of the SBTool for Sustainability Assessment of High School Buildings in Portugal SAHSBPT. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2664	2.6	5
15	Comparative Study of Comfort Indicators for School Constructions in Sustainability Methodologies: Schools in the Amazon and the Southeast Region of Brazil. <i>Sustainability</i> , 2019 , 11, 5216	3.6	4
14	Spectrophotometric Characterization of Simple Glazings for a Modular Faade. <i>Energy Procedia</i> , 2016 , 96, 965-972	2.3	4
13	Verification of the Adequacy of the Portuguese Sustainability Assessment Tool of High School Buildings, SAHSBPT, to the Francisco de Holanda High School, Guimares. <i>Sustainability</i> , 2019 , 11, 4559	3.6	3
12	Shining Examples Analysed within the EBC Annex 56 Project. <i>Energy Procedia</i> , 2015 , 78, 2334-2339	2.3	3
11	Fachadas con muro Trombe y doble acristalamiento: El ciencia energtica para diferentes climas Portugueses. <i>Informes De La Construccion</i> , 2013 , 65, 11-22	0.4	3
10	Building renovation at district level Lessons learned from international case studies. <i>Sustainable Cities and Society</i> , 2021 , 72, 103037	10.1	3
9	Thermal Performance and Comfort Conditions Analysis of a Vernacular Palafitic Timber Building in Portuguese Coastline Context. <i>Sustainability</i> , 2020 , 12, 10484	3.6	2
8	Achieving Cost Benefits in Sustainable Cooperative Housing. <i>Buildings</i> , 2013 , 3, 1-17	3.2	2
7	Effect of environmental assessment on primary energy of modular prefabricated panel for building renovation in Portugal. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 225, 012047	0.3	1
6	Performance evaluation of non-conventional constructions: Case study in a temperate climate. <i>Applied Thermal Engineering</i> , 2012 , 42, 136-144	5.8	1
5	Environmental Performance of a Cost-Effective Energy Renovation at the Neighbourhood Scale The Case for Social Housing in Braga, Portugal. <i>Sustainability</i> , 2022 , 14, 1947	3.6	1
4	Impact of atmospherical stability and intra-hour variation of meteorological data in the variability of building air change rates. <i>Building and Environment</i> , 2021 , 207, 108528	6.5	0
3	Specification of Glazings for Faades Based on Spectrophotometric Characterization of Transmittance. <i>Sustainability</i> , 2021 , 13, 5437	3.6	0
2	Different Module Placements in a Modular Faade System for Natural Ventilation. <i>Procedia Economics and Finance</i> , 2015 , 21, 366-373		
1	Cost efficiency of retrofit measures for typical masonry houses in Kosovo. <i>International Review of Applied Sciences and Engineering</i> , 2019 , 10, 87-91	0.3	

