

# Manuela Almeida

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8480351/publications.pdf>

Version: 2024-02-01

53  
papers

1,418  
citations

304701

22  
h-index

330122

37  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1605  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview and future challenges of nearly zero energy buildings (nZEB) design in Southern Europe. Energy and Buildings, 2017, 155, 439-458.	6.7	235
2	Defects and moisture problems in buildings from historical city centres: a case study in Portugal. Building and Environment, 2006, 41, 223-234.	6.9	85
3	Cost effective energy and carbon emissions optimization in building renovation (Annex 56). Energy and Buildings, 2017, 152, 718-738.	6.7	64
4	Comparing cost-optimal and net-zero energy targets in building retrofit. Building Research and Information, 2016, 44, 188-201.	3.9	63
5	Oxidative Stress in Kidney Transplantation. Transplantation, 2014, 97, 1058-1065.	1.0	56
6	Review and perspectives on Life Cycle Analysis of solar technologies with emphasis on building-integrated solar thermal systems. Renewable Energy, 2015, 75, 833-846.	8.9	56
7	Development of prefabricated retrofit module towards nearly zero energy buildings. Energy and Buildings, 2013, 56, 115-125.	6.7	54
8	Cost-optimal energy efficiency levels are the first step in achieving cost effective renovation in residential buildings with a nearly-zero energy target. Energy and Buildings, 2016, 133, 724-737.	6.7	54
9	Impact of co-benefits on the assessment of energy related building renovation with a nearly-zero energy target. Energy and Buildings, 2017, 152, 587-601.	6.7	49
10	Benefits from Energy Related Building Renovation Beyond Costs, Energy and Emissions. Energy Procedia, 2015, 78, 2397-2402.	1.8	48
11	Contribution of the solar systems to the nZEB and ZEB design concept in Portugal – Energy, economics and environmental life cycle analysis. Solar Energy Materials and Solar Cells, 2016, 156, 59-74.	6.2	38
12	Ten questions concerning cost-effective energy and carbon emissions optimization in building renovation. Building and Environment, 2018, 143, 15-23.	6.9	35
13	Environmental and cost life cycle analysis of the impact of using solar systems in energy renovation of Southern European single-family buildings. Renewable Energy, 2019, 137, 82-92.	8.9	35
14	BIM-Based Energy Analysis and Sustainability Assessment – Application to Portuguese Buildings. Buildings, 2021, 11, 246.	3.1	35
15	Integrated energy design – Education and training in cross-disciplinary teams implementing energy performance of buildings directive (EPBD). Building and Environment, 2014, 72, 1-14.	6.9	33
16	Cost-benefit analysis method for building solutions. Applied Energy, 2016, 173, 124-133.	10.1	32
17	Tools and procedures to support decision making for cost-effective energy and carbon emissions optimization in building renovation. Energy and Buildings, 2018, 167, 200-215.	6.7	30
18	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. Buildings, 2018, 8, 103.	3.1	29

#	ARTICLE	IF	CITATIONS
19	School building experimental characterization in Mediterranean climate regarding comfort, indoor air quality and energy consumption. <i>Energy and Buildings</i> , 2020, 212, 109782.	6.7	28
20	Analysis of some Portuguese thermal regulation parameters. <i>Energy and Buildings</i> , 2013, 58, 141-150.	6.7	27
21	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.	6.7	27
22	Environmental Comfort Indicators for School Buildings in Sustainability Assessment Tools. <i>Sustainability</i> , 2018, 10, 1849.	3.2	26
23	Challenges and benefits of building sustainable cooperative housing. <i>Building and Environment</i> , 2013, 62, 9-17.	6.9	22
24	Building renovation at district level – Lessons learned from international case studies. <i>Sustainable Cities and Society</i> , 2021, 72, 103037.	10.4	22
25	Shining examples analysed within the EBC Annex 56 project. <i>Energy and Buildings</i> , 2016, 127, 991-998.	6.7	17
26	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.	6.3	17
27	Ecological Design of New Efficient Energy-Performance Construction Materials with Rigid Polyurethane Foam Waste. <i>Polymers</i> , 2020, 12, 1048.	4.5	16
28	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, 1033-1038.	1.9	15
29	IEA EBC Annex56 Vision for Cost Effective Energy and Carbon Emissions Optimization in Building Renovation. <i>Energy Procedia</i> , 2015, 78, 2409-2414.	1.8	14
30	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.	1.8	14
31	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.	3.2	13
32	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.	0.7	13
33	Glazing daylighting performance and Trombe wall thermal performance of a modular facade system in four different Portuguese cities. <i>Indoor and Built Environment</i> , 2015, 24, 544-563.	2.8	12
34	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.	1.8	12
35	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.	1.0	10
36	Operative Conditions Evaluation for Efficient Building Retrofit – A Case Study. <i>Indoor and Built Environment</i> , 2013, 22, 724-742.	2.8	9

#	ARTICLE	IF	CITATIONS
37	The Inclusion of a Sustainability Awareness Indicator in Assessment Tools for High School Buildings. Sustainability, 2019, 11, 387.	3.2	9
38	Life-cycle costs and impacts on energy-related building renovation assessments. International Journal of Sustainable Building Technology and Urban Development, 2016, 7, 206-213.	1.0	8
39	Adaptation of the SBTool for Sustainability Assessment of High School Buildings in Portugal – SAHSBPT. Applied Sciences (Switzerland), 2019, 9, 2664.	2.5	8
40	Environmental Performance of a Cost-Effective Energy Renovation at the Neighbourhood Scale – The Case for Social Housing in Braga, Portugal. Sustainability, 2022, 14, 1947.	3.2	7
41	Spectrophotometric Characterization of Simple Glazings for a Modular Façade. Energy Procedia, 2016, 96, 965-972.	1.8	6
42	Comparative Study of Comfort Indicators for School Constructions in Sustainability Methodologies: Schools in the Amazon and the Southeast Region of Brazil. Sustainability, 2019, 11, 5216.	3.2	6
43	Fachadas con muro Trombe y doble acristalamiento: El ciencia energética para diferentes climas Portugueses. Informes De La Construcción, 2013, 65, 11-22.	0.3	5
44	Shining Examples Analysed within the EBC Annex 56 Project. Energy Procedia, 2015, 78, 2334-2339.	1.8	4
45	Verification of the Adequacy of the Portuguese Sustainability Assessment Tool of High School Buildings, SAHSBPT, to the Francisco de Holanda High School, Guimarães. Sustainability, 2019, 11, 4559.	3.2	4
46	Thermal Performance and Comfort Conditions Analysis of a Vernacular Palafitic Timber Building in Portuguese Coastline Context. Sustainability, 2020, 12, 10484.	3.2	4
47	Specification of Glazings for Façades Based on Spectrophotometric Characterization of Transmittance. Sustainability, 2021, 13, 5437.	3.2	4
48	Impact of atmospherical stability and intra-hour variation of meteorological data in the variability of building air change rates. Building and Environment, 2022, 207, 108528.	6.9	3
49	Achieving Cost Benefits in Sustainable Cooperative Housing. Buildings, 2013, 3, 1-17.	3.1	2
50	Performance evaluation of non-conventional constructions: Case study in a temperate climate. Applied Thermal Engineering, 2012, 42, 136-144.	6.0	1
51	Effect of environmental assessment on primary energy of modular prefabricated panel for building renovation in Portugal. IOP Conference Series: Earth and Environmental Science, 2019, 225, 012047.	0.3	1
52	Cost efficiency of retrofit measures for typical masonry houses in Kosovo. International Review of Applied Sciences and Engineering, 2019, 10, 87-91.	0.4	1
53	Different Module Placements in a Modular Façade System for Natural Ventilation. Procedia Economics and Finance, 2015, 21, 366-373.	0.6	0