Ana Paula Melo

List of Publications by Year
in descending order

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Version: 2024-02-01

20 papers	559 citations	858243 12 h-index	939365 18 g-index
20 all docs	20 docs citations	20 times ranked	602 citing authors

#	Article	IF	Citations
1	Bottom-up modelling of electricity end-use consumption of the residential sector in Brazil. Ambiente ConstruÃdo, 2022, 22, 113-131.	0.2	0
2	A metamodel for building information modeling-building energy modeling integration in early design stage. Automation in Construction, 2021, 121, 103422.	4.8	35
3	Addressing the impact of COVID-19 lockdown on energy use in municipal buildings: A case study in FlorianÃ³polis, Brazil. Sustainable Cities and Society, 2021, 69, 102823.	5.1	37
4	Thermal performance of residential building with mixed-mode and passive cooling strategies: The Brazilian context. Energy and Buildings, 2021, 244, 111047.	3.1	11
5	Application of machine learning to estimate building energy use intensities. Energy and Buildings, 2021, 249, 111219.	3.1	26
6	Evaluating the impact of the shape of school reference buildings on bottom-up energy benchmarking. Journal of Building Engineering, 2021, 43, 103142.	1.6	8
7	Do we need building performance data to propose a climatic zoning for building energy efficiency regulations?. Energy and Buildings, 2020, 225, 110303.	3.1	24
8	Assessing the energy performance of VAV and VRF air conditioning systems in an office building located in the city of FlorianÃ³polis. Ambiente ConstruÃdo, 2020, 20, 261-283.	0.2	0
9	Energy performance of mixed-mode office buildings: Assessing typical construction design practices. Journal of Cleaner Production, 2019, 234, 451-466.	4.6	19
10	Measurement of solar factor of glazing and shading devices using a solar calorimeter. Building and Environment, 2018, 144, 72-85.	3.0	10
11	Naturally comfortable and sustainable: Informed design guidance and performance labeling for passive commercial buildings in hot climates. Applied Energy, 2016, 174, 256-274.	5.1	59
12	A novel surrogate model to support building energy labelling system: A new approach to assess cooling energy demand in commercial buildings. Energy and Buildings, 2016, 131, 233-247.	3.1	43
13	The effect of window opening ventilation control on residential building energy consumption. Energy and Buildings, 2016, 133, 1-13.	3.1	117
14	Development and analysis of a metamodel to represent the thermal behavior of naturally ventilated and artificially air-conditioned residential buildings. Energy and Buildings, 2016, 112, 209-221.	3.1	32
15	Building energy performance assessment: Comparison between ASHRAE standard 90.1 and Brazilian regulation. Energy and Buildings, 2014, 70, 372-383.	3.1	29
16	Development of surrogate models using artificial neural network for building shell energy labelling. Energy Policy, 2014, 69, 457-466.	4.2	62
17	Incerteza do mÃ©todo de simulaÃ§Ã£o da NBR 15575-1 para a avaliaÃ§Ã£o do desempenho tÃ©rmico de habitaÃ§Ãµes. Ambiente ConstruÃdo, 2014, 14, 103-117.	0.2	11
18	AnÃ¡lise do mÃ©todo de simulaÃ§Ã£o de desempenho tÃ©rmico da norma NBR 15.575. ParanoÃ¡: Cadernos De Arquitetura E Urbanismo, 2014, , .	0.1	3

#	Article	IF	Citations
19	Assessing the accuracy of a simplified building energy simulation model using BESTEST: The case study of Brazilian regulation. Energy and Buildings, 2012, 45, 219-228.	3.1	27
20	Opaque envelope parametersversusenergy consumption in commercial buildings in Brazil. Journal of Building Performance Simulation, 2008, 1, 237-244.	1.0	6