

Nuno M M Ramos

List of Publications by Year in Descending Order

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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.

57
papers

645
citations

15
h-index

22
g-index

65
ext. papers

808
ext. citations

4.3
avg, IF

4.71
L-index

#	Paper	IF	Citations
57	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
56	Exploring the Critical Barriers to the Implementation of Renewable Technologies in Existing University Buildings. <i>Sustainability</i> , 2021 , 13, 12662	3.6	0
55	Impact of Incorporating NIR Reflective Pigments in Finishing Coatings of ETICS. <i>Infrastructures</i> , 2021 , 6, 79	2.6	4
54	Activity classification using accelerometers and machine learning for complex construction worker activities. <i>Journal of Building Engineering</i> , 2021 , 35, 102001	5.2	10
53	Low Energy Renovation of Social Housing: Recommendations on Monitoring and Renewable Energies Use. <i>Sustainability</i> , 2021 , 13, 2718	3.6	3
52	Durability of a New Thermal Aerogel-Based Rendering System under Distinct Accelerated Aging Conditions. <i>Materials</i> , 2021 , 14,	3.5	2
51	Residential buildings airtightness frameworks: A review on the main databases and setups in Europe and North America. <i>Building and Environment</i> , 2020 , 183, 107221	6.5	10
50	The Impacts of Air Leakage Paths and Airtightness Levels on Air Change Rates. <i>Buildings</i> , 2020 , 10, 55	3.2	7
49	Improving project communication in the architecture, engineering and construction industry: Coupling virtual reality and laser scanning. <i>Journal of Building Engineering</i> , 2020 , 30, 101287	5.2	15
48	BIM framework for the specification of information requirements in energy-related projects. <i>Engineering, Construction and Architectural Management</i> , 2020 , ahead-of-print,	3.1	4
47	A framework for in-situ geometric data acquisition using laser scanning for BIM modelling. <i>Journal of Building Engineering</i> , 2020 , 28, 101073	5.2	24
46	A case study to improve the winter thermal comfort of an existing bus station. <i>Journal of Building Engineering</i> , 2020 , 29, 101123	5.2	8
45	Data-driven occupant actions prediction to achieve an intelligent building. <i>Building Research and Information</i> , 2020 , 48, 485-500	4.3	8
44	Reliability of quantitative and qualitative assessment of air leakage paths through reductive sealing. <i>Building and Environment</i> , 2020 , 183, 107151	6.5	1
43	The impact of mechanical ventilation operation strategies on indoor CO2 concentration and air exchange rates in residential buildings. <i>Indoor and Built Environment</i> , 2020 , 1420326X2096076	1.8	6
42	Solar reflectance of ETICS finishing coatings & comparison of experimental techniques. <i>E3S Web of Conferences</i> , 2020 , 172, 21003	0.5	1
41	Room-scale analysis of spatial and human factors affecting indoor environmental quality in Porto residential flats. <i>Building and Environment</i> , 2020 , 186, 107376	6.5	4

40	Influence of Occupant Behaviour on the State of Charge of a Storage Battery in a nearly-Zero Energy Building. <i>E3S Web of Conferences</i> , 2020 , 172, 16010	0.5	0
39	Colour degradation of façade coatings – the effect of nanopigments incorporation. <i>E3S Web of Conferences</i> , 2020 , 172, 24004	0.5	2
38	A Review of Balcony Impacts on the Indoor Environmental Quality of Dwellings. <i>Sustainability</i> , 2020 , 12, 6453	3.6	14
37	An innovative approach to evaluate local thermal discomfort due to draught in semi-outdoor spaces. <i>Energy and Buildings</i> , 2019 , 203, 109416	7	5
36	Energy performance of buildings with on-site energy generation and storage – An integrated assessment using dynamic simulation. <i>Journal of Building Engineering</i> , 2019 , 24, 100769	5.2	11
35	Hygrothermal performance of Brazilian gypsum walls. <i>Journal of Building Physics</i> , 2019 , 42, 605-626	2.6	1
34	A new durability assessment methodology of thermal mortars applied in multilayer rendering systems. <i>Construction and Building Materials</i> , 2019 , 222, 654-663	6.7	14
33	Assessment of test methods for the durability of thermal mortars exposure to freezing. <i>Materials and Structures/Materiaux Et Constructions</i> , 2019 , 52, 1	3.4	7
32	Occupant behaviour motivations in the residential context – An investigation of variation patterns and seasonality effect. <i>Building and Environment</i> , 2019 , 148, 535-546	6.5	22
31	Building information modeling for energy retrofitting – A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 89, 249-260	16.2	78
30	Indoor hygrothermal conditions and quality of life in social housing: A comparison between two neighbourhoods. <i>Sustainable Cities and Society</i> , 2018 , 38, 80-90	10.1	17
29	A discussion about thermal comfort evaluation in a bus terminal. <i>Energy and Buildings</i> , 2018 , 168, 86-96	7	16
28	Detection of occupant actions in buildings through change point analysis of in-situ measurements. <i>Energy and Buildings</i> , 2018 , 173, 365-377	7	19
27	Methodology for detection of occupant actions in residential buildings using indoor environment monitoring systems. <i>Building and Environment</i> , 2018 , 146, 107-118	6.5	14
26	The Influence of Sensor Placement in the Study of Occupant Behavior in a Residential Building 2018 ,		1
25	Evaluation of the hygrothermal properties of thermal rendering systems. <i>Building and Environment</i> , 2018 , 144, 437-449	6.5	24
24	A contribution for the quantification of the influence of windows on the airtightness of Southern European buildings. <i>Energy and Buildings</i> , 2017 , 139, 174-185	7	24
23	Knowledge discovery of indoor environment patterns in mild climate countries based on data mining applied to in-situ measurements. <i>Sustainable Cities and Society</i> , 2017 , 30, 37-48	10.1	16

22	Parametric study of double-skin facades performance in mild climate countries. <i>Journal of Building Engineering</i> , 2017 , 12, 87-98	5.2	40
21	Water masses surface temperatures assessment and their effect on surrounding environment. <i>Water Science and Technology</i> , 2017 , 75, 2916-2925	2.2	1
20	Thermal comfort evaluation in cruise terminals. <i>Building and Environment</i> , 2017 , 126, 276-287	6.5	11
19	Substrate influence on aromatic plant growth in extensive green roofs in a Mediterranean climate. <i>Urban Ecosystems</i> , 2017 , 20, 1347-1357	2.8	12
18	Occupant influence on residential ventilation patterns in mild climate conditions. <i>Energy Procedia</i> , 2017 , 132, 837-842	2.3	12
17	Thermal comfort models and pupils' perception in free-running school buildings of a mild climate country. <i>Energy and Buildings</i> , 2016 , 111, 64-75	7	44
16	Airtightness and ventilation in a mild climate country rehabilitated social housing buildings [What users want and what they get. <i>Building and Environment</i> , 2015 , 92, 97-110	6.5	34
15	Energy and Water Consumption Variability in School Buildings: Review and Application of Clustering Techniques. <i>Journal of Performance of Constructed Facilities</i> , 2015 , 29, 04014165	2	8
14	Concept for development of stochastic databases for building performance simulation [A material database pilot project. <i>Building and Environment</i> , 2015 , 84, 189-203	6.5	15
13	Analysis of User Behavior Profiles and Impact on the Indoor Environment in Social Housing of Mild Climate Countries. <i>Energy Procedia</i> , 2015 , 78, 561-566	2.3	7
12	Variability Assessment of Thermal Comfort in a Retrofitted Social Housing Neighborhood Based on In Situ Measurements. <i>Energy Procedia</i> , 2015 , 78, 2790-2795	2.3	8
11	Application of clustering technique for definition of generic objects in a material database. <i>Journal of Building Physics</i> , 2015 , 39, 124-146	2.6	9
10	Influence of Indoor Hygrothermal Conditions on Human Quality of Life in Social Housing. <i>Journal of Public Health Research</i> , 2015 , 4, 589	2.2	3
9	Towards a methodology to include building energy simulation uncertainty in the Life Cycle Cost analysis of rehabilitation alternatives. <i>Journal of Building Engineering</i> , 2015 , 2, 44-51	5.2	16
8	Laboratory Tests and Potential of Thermal Insulation Plasters. <i>Energy Procedia</i> , 2015 , 78, 2724-2729	2.3	9
7	Hygrothermal Simulation Tools. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2013 , 21-45	0.4	1
6	Inputs for Hygrothermal Simulation Tools. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2013 , 7-20	0.4	2
5	Application Examples. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2013 , 47-63	0.4	

4	NUMERICAL SIMULATION OF TRANSIENT MOISTURE TRANSPORT FOR HYGROSCOPIC INERTIA ASSESSMENT. <i>Journal of Porous Media</i> , 2012 , 15, 793-804	2.9	4
3	Application of hybrid and moment methods to the measurement of moisture diffusion coefficients of building materials. <i>Heat and Mass Transfer</i> , 2011 , 47, 1491-1498	2.2	3
2	EXPERIMENTAL QUANTIFICATION OF THE OPERATIVE TIME OF A PASSIVE HVAC SYSTEM USING POROUS COVERING MATERIALS. <i>Journal of Porous Media</i> , 2010 , 13, 637-643	2.9	3
1	Hygrothermal properties applied in numerical simulation: Interstitial condensation analysis. <i>Journal of Building Appraisal</i> , 2009 , 5, 161-170		10