

Ricardo Msf Almeida

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.

58

papers

812

citations

16

h-index

26

g-index

61

ext. papers

979

ext. citations

4.3

avg, IF

4.93

L-index

#	Paper	IF	Citations
58	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
57	A Case Study on a Stochastic-Based Optimisation Approach towards the Integration of Photovoltaic Panels in Multi-Residential Social Housing. <i>Energies</i> , 2021 , 14, 7615	3.1	1
56	Automated data-processing technique: 2D Map for identifying the distribution of the U-value in building elements by quantitative internal thermography. <i>Automation in Construction</i> , 2021 , 122, 103478	9.6	9
55	Opportunities of Light Steel Framing towards thermal comfort in southern European climates: Long-term monitoring and comparison with the heavyweight construction. <i>Building and Environment</i> , 2021 , 200, 107937	6.5	7
54	Energy consumption in intermittently heated residential buildings: Light Steel Framing vs hollow brick masonry constructive system. <i>Journal of Building Engineering</i> , 2021 , 43, 103024	5.2	3
53	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
52	Lightweight and prefabricated construction as a path to energy efficient buildings: thermal design and execution challenges. <i>International Journal of Environment and Sustainable Development</i> , 2020 , 19, 1	1.3	3
51	Quantitative Infrared Thermography to Evaluate the Humidification of Lightweight Concrete. <i>Sensors</i> , 2020 , 20,	3.8	13
50	Thermographic 2D U-value map for quantifying thermal bridges in building façades. <i>Energy and Buildings</i> , 2020 , 224, 110176	7	18
49	Thermal characterisation of traditional wall solution of built heritage using the simple hot box-heat flow meter method: In situ measurements and numerical simulation. <i>Applied Thermal Engineering</i> , 2020 , 169, 114935	5.8	11
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	Bioreceptivity of different painting systems to mould growth on "tabique" walls and plasterboards. <i>Conservar Patrimonio</i> , 2020 , 35, 101-115	0.4	
46	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
45	Impact of unoccupied flats on the thermal discomfort and energy demand: Case of a multi-residential building. <i>Energy and Buildings</i> , 2020 , 209, 109704	7	7
44	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
43	Reliability of quantitative and qualitative assessment of air leakage paths through reductive sealing. <i>Building and Environment</i> , 2020 , 183, 107151	6.5	1
42	Recycling Wastes in Concrete Production: Performance and Eco-toxicity Assessment. <i>Waste and Biomass Valorization</i> , 2020 , 11, 1169-1180	3.2	5

41	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
40	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
39	Evaluation of heat transfer in humidification phenomena [Comparison between infrared thermography and numerical simulation. <i>MATEC Web of Conferences</i> , 2019 , 282, 02032	0.3	
38	The Importance of Moisture Content to the Emissivity of Ceramic Bricks. <i>Proceedings (mdpi)</i> , 2019 , 27, 4	0.3	1
37	IRT Versus Drying: In Situ Tests in Outdoor Environment. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019 , 53-62	0.4	
36	IRT Versus Moisture: In Situ Tests in Indoor Environment. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019 , 43-51	0.4	
35	IRT Versus Moisture: Laboratory Tests. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019 , 29-42	0.4	
34	CO2 experimental measurements towards the development of a predictive framework using user actions in smart buildings. <i>Journal of Physics: Conference Series</i> , 2019 , 1343, 012061	0.3	1
33	Measurement of Surface Temperature Using Different Devices. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019 , 7-28	0.4	
32	Infrared Thermography for Building Moisture Inspection. <i>SpringerBriefs in Applied Sciences and Technology</i> , 2019 ,	0.4	2
31	Aspects concerning the acoustical performance of school cafeterias. <i>Applied Acoustics</i> , 2018 , 136, 36-40	3.1	4
30	A discussion concerning active infrared thermography in the evaluation of buildings air infiltration. <i>Energy and Buildings</i> , 2018 , 168, 56-66	7	31
29	Building information modeling for energy retrofitting [A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 89, 249-260	16.2	78
28	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
27	A discussion about thermal comfort evaluation in a bus terminal. <i>Energy and Buildings</i> , 2018 , 168, 86-96	7	16
26	Monte Carlo Simulation to Evaluate Mould Growth in Walls: The Effect of Insulation, Orientation, and Finishing Coating. <i>Advances in Civil Engineering</i> , 2018 , 2018, 1-12	1.3	7
25	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
24	Multi-Objective Optimisation of the Energy Performance of Lightweight Constructions Combining Evolutionary Algorithms and Life Cycle Cost. <i>Energies</i> , 2018 , 11, 1863	3.1	14

23	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
22	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
21	An infrared thermography passive approach to assess the effect of leakage points in buildings. <i>Energy and Buildings</i> , 2017 , 140, 224-235	7	45
20	Parametric study of double-skin facades performance in mild climate countries. <i>Journal of Building Engineering</i> , 2017 , 12, 87-98	5.2	40
19	Condensation and Mold Risk Evaluation in a Gymnasium: In Situ Measurements and Numerical Simulation. <i>Journal of Performance of Constructed Facilities</i> , 2017 , 31, 04017049	2	4
18	Assessing the humidification process of lightweight concrete specimens through infrared thermography. <i>Energy Procedia</i> , 2017 , 132, 213-218	2.3	7
17	Thermal comfort evaluation in cruise terminals. <i>Building and Environment</i> , 2017 , 126, 276-287	6.5	11
16	Natural ventilation and indoor air quality in educational buildings: experimental assessment and improvement strategies. <i>Energy Efficiency</i> , 2017 , 10, 839-854	3	18
15	Occupant influence on residential ventilation patterns in mild climate conditions. <i>Energy Procedia</i> , 2017 , 132, 837-842	2.3	12
14	Assessing the variability of the air change rate through tracer gas measurements. <i>Energy Procedia</i> , 2017 , 132, 831-836	2.3	4
13	Eco-toxicity assessment of concrete prepared with industrial wastes. <i>Energy Procedia</i> , 2017 , 136, 115-120.	3	3
12	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
11	AN INSULATION THICKNESS OPTIMIZATION METHODOLOGY FOR SCHOOL BUILDINGS REHABILITATION COMBINING ARTIFICIAL NEURAL NETWORKS AND LIFE CYCLE COST. <i>Journal of Civil Engineering and Management</i> , 2016 , 22, 915-923	3	16
10	Aspects concerning the acoustical performance of school buildings in Portugal. <i>Applied Acoustics</i> , 2016 , 106, 129-134	3.1	10
9	Infrared thermography for assessing moisture related phenomena in building components. <i>Construction and Building Materials</i> , 2016 , 110, 251-269	6.7	80
8	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
7	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
6	IEQ Assessment of Classrooms with an Optimized Demand Controlled Ventilation System. <i>Energy Procedia</i> , 2015 , 78, 3132-3137	2.3	17

5	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
4	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
3	Drying Evaluation Using Infrared Thermography. <i>Energy Procedia</i> , 2015 , 78, 170-175	2.3	4
2	Indoor environmental quality of classrooms in Southern European climate. <i>Energy and Buildings</i> , 2014 , 81, 127-140	7	58
1	Numerical Analysis of the Energy Improvement of Plastering Mortars with Phase Change Materials. <i>Advances in Materials Science and Engineering</i> , 2014 , 2014, 1-12	1.5	7