

Juan Jos Sendra

List of Publications by Citations

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Version: 2024-04-24

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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

917
citations

18
h-index

26
g-index

57
ext. papers

1,086
ext. citations

4.5
avg, IF

5.08
L-index

#	Paper	IF	Citations
57	Monitoring a Pre-Normative Multi-Family Housing Case-Study in a Mediterranean Climate. <i>Buildings</i> , 2017 , 7, 1	3.2	66
56	An approach to modelling envelope airtightness in multi-family social housing in Mediterranean Europe based on the situation in Spain. <i>Energy and Buildings</i> , 2016 , 128, 236-253	7	49
55	Towards Energy Demand Reduction in Social Housing Buildings: Envelope System Optimization Strategies. <i>Energies</i> , 2012 , 5, 2263-2287	3.1	46
54	On the assessment of the energy performance and environmental behaviour of social housing stock for the adjustment between simulated and measured data: The case of mild winters in the Mediterranean climate of southern Europe. <i>Energy and Buildings</i> , 2017 , 152, 418-433	7	44
53	Thermal comfort prediction in a building category: Artificial neural network generation from calibrated models for a social housing stock in southern Europe. <i>Applied Thermal Engineering</i> , 2019 , 150, 492-505	5.8	36
52	Intervención energética en el sector residencial del sur de España: Retos actuales. <i>Informes De La Construcción</i> , 2013 , 65, 457-464	0.4	35
51	Understanding the performance gap in energy retrofitting: Measured input data for adjusting building simulation models. <i>Energy and Buildings</i> , 2020 , 209, 109688	7	29
50	Intangible cultural heritage: The sound of the Romanesque cathedral of Santiago de Compostela. <i>Journal of Cultural Heritage</i> , 2015 , 16, 239-243	2.9	28
49	Acoustic evaluation of the cathedral of Seville as a concert hall and proposals for improving the acoustic quality perceived by listeners. <i>Journal of Building Performance Simulation</i> , 2014 , 7, 360-378	2.8	28
48	Archaeoacoustics of intangible cultural heritage: The sound of the Maior Ecclesia of Cluny. <i>Journal of Cultural Heritage</i> , 2016 , 19, 567-572	2.9	28
47	Towards an Analysis of Daylighting Simulation Software. <i>Energies</i> , 2011 , 4, 1010-1024	3.1	25
46	Protocols for Measuring the Airtightness of Multi-Dwelling Units in Southern Europe. <i>Procedia Engineering</i> , 2011 , 21, 98-105		23
45	Social housing airtightness in Southern Europe. <i>Energy and Buildings</i> , 2019 , 183, 377-391	7	23
44	Adaptive approach-based assessment of a heritage residential complex in southern Spain for improving comfort and energy efficiency through passive strategies: A study based on a monitored flat. <i>Energy</i> , 2019 , 181, 504-520	7.9	22
43	Evaluation of indoor environment and energy performance of dwellings in heritage buildings. The case of hot summers in historic cities in Mediterranean Europe. <i>Sustainable Cities and Society</i> , 2020 , 52, 101798	10.1	22
42	Energy efficiency and lighting design in courtyards and atriums: A predictive method for daylight factors. <i>Applied Energy</i> , 2018 , 211, 1216-1228	10.7	21
41	Field assessment of thermal comfort conditions and energy performance of social housing: The case of hot summers in the Mediterranean climate. <i>Energy Policy</i> , 2019 , 128, 377-392	7.2	21

40	Lighting design in courtyards: Predictive method of daylight factors under overcast sky conditions. <i>Renewable Energy</i> , 2014 , 71, 243-254	8.1	19
39	Predicting the Impact of Climate Change on Thermal Comfort in A Building Category: The Case of Linear-type Social Housing Stock in Southern Spain. <i>Energies</i> , 2019 , 12, 2238	3.1	18
38	Daylighting design with lightscoop skylights: Towards an optimization of shape under overcast sky conditions. <i>Energy and Buildings</i> , 2013 , 60, 232-238	7	16
37	The Western Latin church as a place for music and preaching: An acoustic assessment. <i>Applied Acoustics</i> , 2009 , 70, 781-789	3.1	16
36	CO2 Concentration and Occupants Symptoms in Naturally Ventilated Schools in Mediterranean Climate. <i>Buildings</i> , 2019 , 9, 197	3.2	15
35	Comparing the impact of presence patterns on energy demand in residential buildings using measured data and simulation models. <i>Building Simulation</i> , 2019 , 12, 985-998	3.9	15
34	Daylighting design with lightscoop skylights: Towards an optimization of proportion and spacing under overcast sky conditions. <i>Energy and Buildings</i> , 2012 , 49, 394-401	7	15
33	Acoustics, Liturgy and Architecture in the Early Christian Church. From the domus ecclesiae to the basilica. <i>Acta Acustica United With Acustica</i> , 2013 , 99, 292-301	1.5	14
32	Effects of the COVID-19 Pandemic on Indoor Air Quality and Thermal Comfort of Primary Schools in Winter in a Mediterranean Climate. <i>Sustainability</i> , 2021 , 13, 2699	3.6	14
31	Rethinking User Behaviour Comfort Patterns in the South of Spain What Users Really Do. <i>Sustainability</i> , 2018 , 10, 4448	3.6	14
30	Predictive method of the sky component in a courtyard under overcast sky conditions. <i>Solar Energy</i> , 2013 , 89, 89-99	6.8	13
29	The sound of the cathedral-mosque of Córdoba. <i>Journal of Cultural Heritage</i> , 2005 , 6, 307-312	2.9	13
28	Are the dwellings of historic Mediterranean cities cold in winter? A field assessment on their indoor environment and energy performance. <i>Energy and Buildings</i> , 2021 , 230, 110567	7	13
27	Virtual reconstruction of indoor acoustics in cathedrals: The case of the Cathedral of Granada. <i>Building Simulation</i> , 2017 , 10, 431-446	3.9	12
26	Thermal Perception in Mild Climate: Adaptive Thermal Models for Schools. <i>Sustainability</i> , 2019 , 11, 3948	3.6	12
25	The performance of Mediterranean low-income housing in scenarios involving climate change. <i>Energy and Buildings</i> , 2019 , 202, 109374	7	12
24	Towards an analysis of the performance of lightwell skylights under overcast sky conditions. <i>Energy and Buildings</i> , 2013 , 64, 10-16	7	12
23	Protocol for the Energy Behaviour Assessment of Social Housing Stock: The Case of Southern Europe. <i>Energy Procedia</i> , 2016 , 96, 907-915	2.3	12

22	Towards a calibration of building energy models: A case study from the Spanish housing stock in the Mediterranean climate. <i>Informes De La Construccion</i> , 2015 , 67, e128	0.4	11
21	Questionnaire Survey to Qualify the Acoustics of Spanish Concert Halls. <i>Acta Acustica United With Acustica</i> , 2011 , 97, 949-965	1.5	10
20	Virtual acoustic environment reconstruction of the hypostyle mosque of Cordoba. <i>Applied Acoustics</i> , 2018 , 140, 214-224	3.1	9
19	Predictive models for airtightness in social housing in a Mediterranean region. <i>Sustainable Cities and Society</i> , 2019 , 51, 101695	10.1	9
18	Towards an analysis of the performance of monitor skylights under overcast sky conditions. <i>Energy and Buildings</i> , 2015 , 88, 248-261	7	9
17	Implementation of urban building energy modeling in historic districts. Seville as case- study. <i>International Journal of Sustainable Development and Planning</i> , 2018 , 13, 528-540	2	8
16	The Acoustics of the Choir in Spanish Cathedrals. <i>Acoustics</i> , 2018 , 1, 35-46	2	8
15	Energy and climate simulation in the Upper Lawn Pavilion, an experimental laboratory in the architecture of the Smithsons. <i>Building Simulation</i> , 2015 , 8, 99-109	3.9	7
14	Analysis of Thermal Emissions from Radiators in Classrooms in Mediterranean Climates. <i>Procedia Engineering</i> , 2011 , 21, 106-113		6
13	Infiltration rate performance of buildings in the historic centre of Oporto. <i>Informes De La Construccion</i> , 2014 , 66, e033	0.4	6
12	Numerical simulation of the temperature evolution in a room with a mur neutralisant. Application to the City of Refuge by Le Corbusier. <i>Energy and Buildings</i> , 2015 , 86, 708-722	7	5
11	On the assessment of the multiplicity of spaces in the acoustic environment of cathedrals: The case of the cathedral of Seville. <i>Applied Acoustics</i> , 2018 , 141, 54-63	3.1	5
10	Towards finding the optimal location of a ventilation inlet in a roof monitor skylight, using visual and thermal performance criteria, for dwellings in a Mediterranean climate. <i>Journal of Building Performance Simulation</i> , 2015 , 8, 226-238	2.8	5
9	Thermal 3D CFD Simulation with Active Transparent Façade in Buildings. <i>Energies</i> , 2018 , 11, 2265	3.1	4
8	Towards an Energy Assessment on an Urban Scale for Retrofitting the Housing Stock in Mediterranean Cities. <i>Procedia Environmental Sciences</i> , 2017 , 38, 688-695		3
7	Determination of the origin of the illumination vector due to vertical windows under Moon-Spencer sky conditions (uniformly overcast). <i>Renewable Energy</i> , 2008 , 33, 168-172	8.1	2
6	Daylighting provided by horizontal openings using the illumination vector. <i>Renewable Energy</i> , 2006 , 31, 2513-2523	8.1	2
5	Protocol for assessing energy performance to improve comfort conditions in social housing in a Spanish southern city. <i>International Journal of Energy Production and Management</i> , 2017 , 2, 140-152	5.3	2

4	Modelos predictivos del consumo energético de climatización asociado a soluciones de fachadas en Madrid a partir de la monitorización en módulos de ensayo. <i>Informes De La Construccion</i> , 2017 , 69, 225	0.4	2
3	The role of hybrid systems in the decarbonization of residential heritage buildings in mediterranean climate. A case study in Seville, Spain. <i>Energy and Buildings</i> , 2021 , 250, 111302	7	2
2	Validation of a Dynamic Simulation of a Classroom HVAC System by Comparison with a Real Model 2017 , 381-392		1
1	Forecasting Energy Impact in Multifamily Buildings Through Airtightness Models. <i>Impact of Meat Consumption on Health and Environmental Sustainability</i> , 2021 , 72-95	0.3	