

Juan JosÃ© Sendra

List of Publications by Year in descending order

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57
papers

1,272
citations

304368

22
h-index

395343

33
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57
all docs

57
docs citations

57
times ranked

1067
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.1	26
2	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.	1.6	40
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.	3.1	7
4	Forecasting Energy Impact in Multifamily Buildings Through Airtightness Models. Impact of Meat Consumption on Health and Environmental Sustainability, 2021, , 72-95.	0.4	0
5	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.	5.1	36
6	Understanding the performance gap in energy retrofiting: Measured input data for adjusting building simulation models. <i>Energy and Buildings</i> , 2020, 209, 109688.	3.1	61
7	Predictive models for airtightness in social housing in a Mediterranean region. <i>Sustainable Cities and Society</i> , 2019, 51, 101695.	5.1	13
8	Thermal Perception in Mild Climate: Adaptive Thermal Models for Schools. <i>Sustainability</i> , 2019, 11, 3948.	1.6	15
9	The performance of Mediterranean low-income housing in scenarios involving climate change. <i>Energy and Buildings</i> , 2019, 202, 109374.	3.1	16
10	CO2 Concentration and Occupantsâ€™ Symptoms in Naturally Ventilated Schools in Mediterranean Climate. <i>Buildings</i> , 2019, 9, 197.	1.4	26
11	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.	3.0	59
12	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.	4.5	36
13	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.	1.6	24
14	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.	3.0	23
15	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.	4.2	32
16	Social housing airtightness in Southern Europe. <i>Energy and Buildings</i> , 2019, 183, 377-391.	3.1	27
17	Energy efficiency and lighting design in courtyards and atriums: A predictive method for daylight factors. <i>Applied Energy</i> , 2018, 211, 1216-1228.	5.1	40
18	Thermal 3D CFD Simulation with Active Transparent Façade in Buildings. <i>Energies</i> , 2018, 11, 2265.	1.6	4

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19	The Acoustics of the Choir in Spanish Cathedrals. <i>Acoustics</i> , 2018, 1, 35-46.	0.8	11
20	Rethinking User Behaviour Comfort Patterns in the South of Spain—What Users Really Do. <i>Sustainability</i> , 2018, 10, 4448.	1.6	18
21	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.	1.7	7
22	Virtual acoustic environment reconstruction of the hypostyle mosque of Cordoba. <i>Applied Acoustics</i> , 2018, 140, 214-224.	1.7	19
23	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.	0.3	11
24	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.	1.3	4
25	Validation of a Dynamic Simulation of a Classroom HVAC System by Comparison with a Real Model. , 2017, , 381-392.		1
26	Virtual reconstruction of indoor acoustics in cathedrals: The case of the Cathedral of Granada. <i>Building Simulation</i> , 2017, 10, 431-446.	3.0	16
27	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.	3.1	53
28	Monitoring a Pre-Normative Multi-Family Housing Case-Study in a Mediterranean Climate. <i>Buildings</i> , 2017, 7, 1.	1.4	82
29	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.	1.9	2
30	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 Construcción</i> , 2017, 69, 225.	0.1	2
31	Protocol for the Energy Behaviour Assessment of Social Housing Stock: The Case of Southern Europe. <i>Energy Procedia</i> , 2016, 96, 907-915.	1.8	14
32	Archaeoacoustics of intangible cultural heritage: The sound of the Major Ecclesia of Cluny. <i>Journal of Cultural Heritage</i> , 2016, 19, 567-572.	1.5	40
33	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.	3.1	57
34	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.	1.0	9
35	Towards an analysis of the performance of monitor skylights under overcast sky conditions. <i>Energy and Buildings</i> , 2015, 88, 248-261.	3.1	13
36	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.	3.0	7

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37	Intangible cultural heritage: The sound of the Romanesque cathedral of Santiago de Compostela. <i>Journal of Cultural Heritage</i> , 2015, 16, 239-243.	1.5	42
38	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.	3.1	5
39	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.	0.1	11
40	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.	1.0	35
41	Lighting design in courtyards: Predictive method of daylight factors under overcast sky conditions. <i>Renewable Energy</i> , 2014, 71, 243-254.	4.3	22
42	Infiltration rate performance of buildings in the historic centre of Oporto. <i>Informes De La Construccion</i> , 2014, 66, e033.	0.1	8
43	Daylighting design with lightscoop skylights: Towards an optimization of shape under overcast sky conditions. <i>Energy and Buildings</i> , 2013, 60, 232-238.	3.1	19
44	Towards an analysis of the performance of lightwell skylights under overcast sky conditions. <i>Energy and Buildings</i> , 2013, 64, 10-16.	3.1	17
45	Predictive method of the sky component in a courtyard under overcast sky conditions. <i>Solar Energy</i> , 2013, 89, 89-99.	2.9	17
46	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.	0.8	16
47	Intervención energética en el sector residencial del sur de España: Retos actuales. <i>Informes De La Construccion</i> , 2013, 65, 457-464.	0.1	39
48	Towards Energy Demand Reduction in Social Housing Buildings: Envelope System Optimization Strategies. <i>Energies</i> , 2012, 5, 2263-2287.	1.6	55
49	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.	3.1	17
50	Protocols for Measuring the Airtightness of Multi-Dwelling Units in Southern Europe. <i>Procedia Engineering</i> , 2011, 21, 98-105.	1.2	25
51	Analysis of Thermal Emissions from Radiators in Classrooms in Mediterranean Climates. <i>Procedia Engineering</i> , 2011, 21, 106-113.	1.2	7
52	Questionnaire Survey to Qualify the Acoustics of Spanish Concert Halls. <i>Acta Acustica United With Acustica</i> , 2011, 97, 949-965.	0.8	11
53	Towards an Analysis of Daylighting Simulation Software. <i>Energies</i> , 2011, 4, 1010-1024.	1.6	31
54	The Western Latin church as a place for music and preaching: An acoustic assessment. <i>Applied Acoustics</i> , 2009, 70, 781-789.	1.7	23

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55	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.	4.3	2
56	Daylighting provided by horizontal openings using the illumination vector. <i>Renewable Energy</i> , 2006, 31, 2513-2523.	4.3	2
57	The sound of the cathedral-mosque of Córdoba. <i>Journal of Cultural Heritage</i> , 2005, 6, 307-312.	1.5	17