

Rune Korsholm Andersen

List of Publications by Citations

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Version: 2024-04-28

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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.

31
papers

1,729
citations

18
h-index

32
g-index

32
ext. papers

2,041
ext. citations

5.3
avg, IF

5.01
L-index

#	Paper	IF	Citations
31	Occupants' window opening behaviour: A literature review of factors influencing occupant behaviour and models. <i>Building and Environment</i> , 2012 , 58, 188-198	6.5	384
30	Survey of occupant behaviour and control of indoor environment in Danish dwellings. <i>Energy and Buildings</i> , 2009 , 41, 11-16	7	241
29	Window opening behaviour modelled from measurements in Danish dwellings. <i>Building and Environment</i> , 2013 , 69, 101-113	6.5	182
28	Questionnaire survey on factors influencing comfort with indoor environmental quality in Danish housing. <i>Building and Environment</i> , 2012 , 50, 56-64	6.5	118
27	Effect of thermostat and window opening occupant behavior models on energy use in homes. <i>Building Simulation</i> , 2014 , 7, 683-694	3.9	99
26	A methodology for modelling energy-related human behaviour: Application to window opening behaviour in residential buildings. <i>Building Simulation</i> , 2013 , 6, 415-427	3.9	84
25	Analysis of occupants' behavior related to the use of windows in German households. <i>Building and Environment</i> , 2016 , 103, 54-69	6.5	79
24	Review of multi-domain approaches to indoor environmental perception and behaviour. <i>Building and Environment</i> , 2020 , 176, 106804	6.5	66
23	Occupant performance and building energy consumption with different philosophies of determining acceptable thermal conditions. <i>Building and Environment</i> , 2009 , 44, 2009-2016	6.5	55
22	Verification of stochastic behavioural models of occupants' interactions with windows in residential buildings. <i>Building and Environment</i> , 2015 , 94, 371-383	6.5	53
21	A scalable Bluetooth Low Energy approach to identify occupancy patterns and profiles in office spaces. <i>Building and Environment</i> , 2020 , 171, 106681	6.5	44
20	Predicted and actual indoor environmental quality: Verification of occupants behaviour models in residential buildings. <i>Energy and Buildings</i> , 2016 , 127, 105-115	7	44
19	Occupant behaviour and robustness of building design. <i>Building and Environment</i> , 2015 , 94, 694-703	6.5	43
18	Modelling diversity in building occupant behaviour: a novel statistical approach. <i>Journal of Building Performance Simulation</i> , 2017 , 10, 527-544	2.8	41
17	An international review of occupant-related aspects of building energy codes and standards. <i>Building and Environment</i> , 2020 , 179, 106906	6.5	38
16	Profiling occupant behaviour in Danish dwellings using time use survey data. <i>Energy and Buildings</i> , 2018 , 177, 329-340	7	31
15	Modelling household electricity load profiles based on Danish time-use survey data. <i>Energy and Buildings</i> , 2019 , 202, 109355	7	22

14	Influence of heat cost allocation on occupants' control of indoor environment in 56 apartments: Studied with measurements, interviews and questionnaires. <i>Building and Environment</i> , 2016 , 101, 1-8	6.5	20
13	The Role of Occupants in Buildings Energy Performance Gap: Myth or Reality?. <i>Sustainability</i> , 2021 , 13, 3146	3.6	14
12	Accounting for the Uncertainty Related to Building Occupants with Regards to Visual Comfort: A Literature Survey on Drivers and Models. <i>Buildings</i> , 2016 , 6, 5	3.2	13
11	PV-PCM integration in glazed building. Co-simulation and genetic optimization study. <i>Building and Environment</i> , 2017 , 126, 161-175	6.5	12
10	Capabilities and limitations of wireless CO2, temperature and relative humidity sensors. <i>Building and Environment</i> , 2019 , 154, 362-374	6.5	12
9	Room-level occupancy simulation model for private households. <i>Journal of Physics: Conference Series</i> , 2019 , 1343, 012126	0.3	8
8	Effect of formaldehyde on ventilation rate and energy demand in Danish homes: Development of emission models and building performance simulation. <i>Building Simulation</i> , 2020 , 13, 197-212	3.9	8
7	Validation of Occupants Behaviour Models for Indoor Quality Parameter and Energy Consumption Prediction. <i>Procedia Engineering</i> , 2015 , 121, 1805-1811		6
6	Prediction of Indoor Air Temperature Using Weather Data and Simple Building Descriptors. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	5
5	Occupant behaviour in mixed-mode office buildings in a subtropical climate: Beyond typical models of adaptive actions. <i>Building and Environment</i> , 2021 , 190, 107541	6.5	3
4	Do in-home displays affect end-user consumptions? A mixed method analysis of electricity, heating and water use in Danish apartments. <i>Energy and Buildings</i> , 2021 , 246, 111094	7	2
3	Leverage of Behavioural Patterns of Window Opening and Heating Set Point Adjustments on Energy Consumption and Thermal Comfort in Residential Buildings. <i>Lecture Notes in Electrical Engineering</i> , 2014 , 23-31	0.2	1
2	A large field study of relationship between indoor and outdoor climate in residential buildings. <i>Journal of Physics: Conference Series</i> , 2021 , 2069, 012247	0.3	0
1	Development of a tool to predict the socio-economic consequences of better air quality and temperature control in classrooms. <i>Energy and Buildings</i> , 2021 , 250, 111274	7	0