

# Pieter-Jan Hoes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6268142/publications.pdf>

Version: 2024-02-01

24  
papers

1,447  
citations

566801

15  
h-index

676716

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1377  
citing authors

#	ARTICLE	IF	CITATIONS
1	Future-Proof Energy-Retrofit strategy for an existing Dutch neighbourhood. Energy and Buildings, 2022, 260, 111914.	3.1	16
2	Investigating the energy flexibility of Dutch office buildings on single building level and building cluster level. Journal of Building Engineering, 2021, 40, 102687.	1.6	10
3	Investigating energy performance of large-scale seasonal storage in the district heating system of chifeng city: Measurements and model-based analysis of operation strategies. Energy and Buildings, 2021, 247, 111113.	3.1	9
4	Simulation-based design optimization of houses with low grid dependency. Renewable Energy, 2020, 157, 1185-1202.	4.3	9
5	A stepwise approach for assessing the appropriate occupant behaviour modelling in building performance simulation. Journal of Building Performance Simulation, 2020, 13, 362-377.	1.0	19
6	Building performance robustness assessment: Comparative study and demonstration using scenario analysis. Energy and Buildings, 2019, 202, 109362.	3.1	18
7	Occupant behavior in identical residential buildings: A case study for occupancy profiles extraction and application to building performance simulation. Building Simulation, 2019, 12, 1047-1061.	3.0	32
8	Assessing the performance potential of climate adaptive greenhouse shells. Energy, 2019, 175, 534-545.	4.5	15
9	Integrating robustness indicators into multi-objective optimization to find robust optimal low-energy building designs. Journal of Building Performance Simulation, 2019, 12, 546-565.	1.0	12
10	Lifecycle cost and CO2 emissions of residential heat and electricity prosumers in Finland and the Netherlands. Energy Conversion and Management, 2018, 160, 495-508.	4.4	19
11	A methodology for performance robustness assessment of low-energy buildings using scenario analysis. Applied Energy, 2018, 212, 428-442.	5.1	48
12	Estimating the influence of occupant behavior on building heating and cooling energy in one simulation run. Applied Energy, 2018, 223, 159-171.	5.1	40
13	Ultra-lightweight concrete: Energy and comfort performance evaluation in relation to buildings with low and high thermal mass. Energy and Buildings, 2017, 138, 432-442.	3.1	76
14	On the sensitivity to different aspects of occupant behaviour for selecting the appropriate modelling complexity in building performance predictions. Journal of Building Performance Simulation, 2017, 10, 601-611.	1.0	14
15	On occupant-centric building performance metrics. Building and Environment, 2017, 122, 373-385.	3.0	80
16	The impact of climate change on the overheating risk in dwellings – A Dutch case study. Building and Environment, 2017, 122, 307-323.	3.0	149
17	International survey on current occupant modelling approaches in building performance simulation. Journal of Building Performance Simulation, 2017, 10, 653-671.	1.0	47
18	Occupant behavior in building energy simulation: Towards a fit-for-purpose modeling strategy. Energy and Buildings, 2016, 121, 188-204.	3.1	226

#	ARTICLE	IF	CITATIONS
19	The potential of lightweight low-energy houses with hybrid adaptable thermal storage: Comparing the performance of promising concepts. Energy and Buildings, 2016, 110, 79-93.	3.1	37
20	Analysis of control strategies for thermally activated building systems under demand side management mechanisms. Energy and Buildings, 2014, 80, 384-393.	3.1	50
21	Investigating the potential of a novel low-energy house concept with hybrid adaptable thermal storage. Energy Conversion and Management, 2011, 52, 2442-2447.	4.4	50
22	User behavior in whole building simulation. Energy and Buildings, 2009, 41, 295-302.	3.1	471
23	Occupant Behavior Modelling to Support the Development of Adaptive Facade Control Strategies. , 0, , .		0
24	Simulation-based Design Optimization of Houses with Low Grid Dependency. , 0, , .		0