

# Yeonsook Heo

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,039  
citations

567281

15  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1007  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of model fidelity for solar analysis in the context of distributed PV integration at urban scale. <i>Building Simulation</i> , 2022, 15, 3-16.	5.6	8
2	Scrutinizing modeling and analysis methods for evaluating overheating risks in passive houses. <i>Energy and Buildings</i> , 2021, 234, 110701.	6.7	12
3	The effect of spatial heterogeneity in urban morphology on surface urban heat islands. <i>Energy and Buildings</i> , 2021, 244, 111027.	6.7	37
4	Multi-objective optimization of the multi-story residential building with passive design strategy in South Korea. <i>Building and Environment</i> , 2021, 203, 108061.	6.9	42
5	Effective and scalable modelling of existing non-domestic buildings with radiator system under uncertainty. <i>Journal of Building Performance Simulation</i> , 2020, 13, 740-759.	2.0	4
6	Influence of error terms in Bayesian calibration of energy system models. <i>Journal of Building Performance Simulation</i> , 2019, 12, 82-96.	2.0	11
7	Investigating an adequate level of modelling for retrofit decision-making: A case study of a British semi-detached house. <i>Journal of Building Engineering</i> , 2019, 26, 100837.	3.4	7
8	Simplified vector-based model tailored for urban-scale prediction of solar irradiance. <i>Solar Energy</i> , 2019, 183, 566-586.	6.1	16
9	A review of uncertainty analysis in building energy assessment. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 93, 285-301.	16.4	265
10	Sensitivity analysis methods for building energy models: Comparing computational costs and extractable information. <i>Energy and Buildings</i> , 2016, 133, 433-445.	6.7	126
11	Exploring the impact of different parameterisations of occupant-related internal loads in building energy simulation. <i>Energy and Buildings</i> , 2016, 123, 92-105.	6.7	18
12	Relative importance of factors influencing building energy in urban environment. <i>Energy</i> , 2016, 111, 237-250.	8.8	28
13	Variable Importance Analysis for Urban Building Energy Assessment in the Presence of Correlated Factors. <i>Procedia Engineering</i> , 2015, 121, 277-284.	1.2	3
14	Evaluation of calibration efficacy under different levels of uncertainty. <i>Journal of Building Performance Simulation</i> , 2015, 8, 135-144.	2.0	44
15	Scalable methodology for large scale building energy improvement: Relevance of calibration in model-based retrofit analysis. <i>Building and Environment</i> , 2015, 87, 342-350.	6.9	68
16	Measurement and verification of building systems under uncertain data: A Gaussian process modeling approach. <i>Energy and Buildings</i> , 2014, 75, 189-198.	6.7	47
17	Uncertainty quantification of microclimate variables in building energy models. <i>Journal of Building Performance Simulation</i> , 2014, 7, 17-32.	2.0	58
18	Quantitative risk management for energy retrofit projects. <i>Journal of Building Performance Simulation</i> , 2013, 6, 257-268.	2.0	36

#	ARTICLE	IF	CITATIONS
19	Gaussian process modeling for measurement and verification of building energy savings. Energy and Buildings, 2012, 53, 7-18.	6.7	129
20	A predictive model for computing the influence of space layouts on nurses' movement in hospital units. Journal of Building Performance Simulation, 2010, 3, 171-184.	2.0	31
21	Unit-Related Factors That Affect Nursing Time with Patients: Spatial Analysis of the Time and Motion Study. Herd, 2009, 2, 5-20.	1.5	49