Yeonsook Heo

List of Publications by Year
in descending order

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	A review of uncertainty analysis in building energy assessment. Renewable and Sustainable Energy Reviews, 2018, 93, 285-301.	16.4	265
2	Gaussian process modeling for measurement and verification of building energy savings. Energy and Buildings, 2012, 53, 7-18.	6.7	129
3	Sensitivity analysis methods for building energy models: Comparing computational costs and extractable information. Energy and Buildings, 2016, 133, 433-445.	6.7	126
4	Scalable methodology for large scale building energy improvement: Relevance of calibration in model-based retrofit analysis. Building and Environment, 2015, 87, 342-350.	6.9	68
5	Uncertainty quantification of microclimate variables in building energy models. Journal of Building Performance Simulation, 2014, 7, 17-32.	2.0	58
6	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
7	Measurement and verification of building systems under uncertain data: A Gaussian process modeling approach. Energy and Buildings, 2014, 75, 189-198.	6.7	47
8	Evaluation of calibration efficacy under different levels of uncertainty. Journal of Building Performance Simulation, 2015, 8, 135-144.	2.0	44
9	Multi-objective optimization of the multi-story residential building with passive design strategy in South Korea. Building and Environment, 2021, 203, 108061.	6.9	42
10	The effect of spatial heterogeneity in urban morphology on surface urban heat islands. Energy and Buildings, 2021, 244, 111027.	6.7	37
11	Quantitative risk management for energy retrofit projects. Journal of Building Performance Simulation, 2013, 6, 257-268.	2.0	36
12	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
13	Relative importance of factors influencing building energy in urban environment. Energy, 2016, 111, 237-250.	8.8	28
14	Exploring the impact of different parameterisations of occupant-related internal loads in building energy simulation. Energy and Buildings, 2016, 123, 92-105.	6.7	18
15	Simplified vector-based model tailored for urban-scale prediction of solar irradiance. Solar Energy, 2019, 183, 566-586.	6.1	16
16	Scrutinizing modeling and analysis methods for evaluating overheating risks in passive houses. Energy and Buildings, 2021, 234, 110701.	6.7	12
17	Influence of error terms in Bayesian calibration of energy system models. Journal of Building Performance Simulation, 2019, 12, 82-96.	2.0	11
18	Evaluation of model fidelity for solar analysis in the context of distributed PV integration at urban scale. Building Simulation, 2022, 15, 3-16.	5.6	8

#	Article	IF	Citations
19	Investigating an adequate level of modelling for retrofit decision-making: A case study of a British semi-detached house. Journal of Building Engineering, 2019, 26, 100837.	3.4	7
20	Effective and scalable modelling of existing non-domestic buildings with radiator system under uncertainty. Journal of Building Performance Simulation, 2020, 13, 740-759.	2.0	4
21	Variable Importance Analysis for Urban Building Energy Assessment in the Presence of Correlated Factors. Procedia Engineering, 2015, 121, 277-284.	1.2	3