

Holly W Samuelson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6744643/publications.pdf>

Version: 2024-02-01

17
papers

685
citations

759055

12
h-index

940416

16
g-index

17
all docs

17
docs citations

17
times ranked

685
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-benefits of energy efficiency in residential buildings. Energy, 2022, 238, 121768.	4.5	13
2	Window View Quality: Why It Matters and What We Should Do. LEUKOS - Journal of Illuminating Engineering Society of North America, 2022, 18, 259-267.	1.5	14
3	Using recurrent neural networks for localized weather prediction with combined use of public airport data and on-site measurements. Building and Environment, 2021, 192, 107601.	3.0	28
4	Exceedance Degreeâ€”Hours: A new method for assessing longâ€”term thermal conditions. Indoor Air, 2021, 31, 2296-2311.	2.0	7
5	Transfer learning with deep neural networks for model predictive control of HVAC and natural ventilation in smart buildings. Journal of Cleaner Production, 2020, 254, 119866.	4.6	147
6	A new method for visualizing and evaluating views in architectural design. Developments in the Built Environment, 2020, 1, 100005.	2.0	12
7	Fast Adaptation of Thermal Dynamics Model for Predictive Control of HVAC and Natural Ventilation Using Transfer Learning with Deep Neural Networks. , 2020, , .		5
8	Beyond energy savings: Investigating the co-benefits of heat resilient architecture. Energy, 2020, 204, 117886.	4.5	15
9	Housing as a critical determinant of heat vulnerability and health. Science of the Total Environment, 2020, 720, 137296.	3.9	32
10	Health and Climate Benefits of Heat Adaptation Strategies in Single-Family Residential Buildings. Frontiers in Sustainable Cities, 2020, 2, .	1.2	3
11	Comparing energy and comfort metrics for building benchmarking. Energy and Buildings, 2019, 205, 109539.	3.1	10
12	Optimal control of HVAC and window systems for natural ventilation through reinforcement learning. Energy and Buildings, 2018, 169, 195-205.	3.1	194
13	The impact of window opening and other occupant behavior on simulated energy performance in residence halls. Building Simulation, 2017, 10, 963-976.	3.0	29
14	Parametric energy simulation in early design: High-rise residential buildings in urban contexts. Building and Environment, 2016, 101, 19-31.	3.0	117
15	Analysis of a simplified calibration procedure for 18 design-phase building energy models. Journal of Building Performance Simulation, 2016, 9, 17-29.	1.0	22
16	Learning by playing â€” teaching energy simulation as a game. Journal of Building Performance Simulation, 2012, 5, 359-368.	1.0	23
17	Non-technical barriers to energy model sharing and reuse. Building and Environment, 2012, 54, 71-76.	3.0	14