

Farhang Tahmasebi

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,288
citations

686830

13
h-index

713013

21
g-index

26
all docs

26
docs citations

26
times ranked

1064
citing authors

#	ARTICLE	IF	CITATIONS
1	Occupant behavior modeling for building performance simulation: Current state and future challenges. <i>Energy and Buildings</i> , 2015, 107, 264-278.	3.1	611
2	Introducing IEA EBC annex 79: Key challenges and opportunities in the field of occupant-centric building design and operation. <i>Building and Environment</i> , 2020, 178, 106738.	3.0	129
3	Predicting people's presence in buildings: An empirically based model performance analysis. <i>Energy and Buildings</i> , 2015, 86, 349-355.	3.1	105
4	An international review of occupant-related aspects of building energy codes and standards. <i>Building and Environment</i> , 2020, 179, 106906.	3.0	59
5	Simulation-aided occupant-centric building design: A critical review of tools, methods, and applications. <i>Energy and Buildings</i> , 2020, 224, 110292.	3.1	56
6	Prediction of plug loads in office buildings: Simplified and probabilistic methods. <i>Energy and Buildings</i> , 2016, 129, 322-329.	3.1	55
7	A preliminary study of representing the inter-occupant diversity in occupant modelling. <i>Journal of Building Performance Simulation</i> , 2017, 10, 509-526.	1.0	52
8	The sensitivity of building performance simulation results to the choice of occupants'™ presence models: a case study. <i>Journal of Building Performance Simulation</i> , 2017, 10, 625-635.	1.0	36
9	An inquiry into the reliability of window operation models in building performance simulation. <i>Building and Environment</i> , 2016, 105, 343-357.	3.0	32
10	The deployment-dependence of occupancy-related models in building performance simulation. <i>Energy and Buildings</i> , 2016, 117, 313-320.	3.1	30
11	On the utility of occupants'™ behavioural diversity information for building performance simulation: An exploratory case study. <i>Energy and Buildings</i> , 2018, 176, 380-389.	3.1	26
12	On the quality evaluation of behavioural models for building performance applications. <i>Journal of Building Performance Simulation</i> , 2017, 10, 554-564.	1.0	21
13	Harnessing buildings'™ operational diversity in a computational framework for high-resolution urban energy modeling. <i>Building Simulation</i> , 2017, 10, 1005-1021.	3.0	14
14	An investigation of the influencing factors for occupants' operation of windows in apartments equipped with portable air purifiers. <i>Building and Environment</i> , 2021, 205, 108260.	3.0	14
15	Exploring the Implications of Different Occupancy Modelling Approaches for Building Performance Simulation Results. <i>Energy Procedia</i> , 2015, 78, 567-572.	1.8	11
16	Monitored data on occupants'™ presence and actions in an office building. <i>Scientific Data</i> , 2019, 6, 290.	2.4	8
17	Window operation behaviour and indoor air quality during lockdown: A monitoring-based simulation-assisted study in London. <i>Building Services Engineering Research and Technology</i> , 2022, 43, 5-21.	0.9	7
18	Stochastic models of occupants'™ presence in the context building systems control. <i>Advances in Building Energy Research</i> , 2016, 10, 1-9.	1.1	5

#	ARTICLE	IF	CITATIONS
19	An optimization-based approach to recurrent calibration of building performance simulation models. , 2012, , 145-150.		5
20	Improving indoor air quality and occupant health through smart control of windows and portable air purifiers in residential buildings. Building Services Engineering Research and Technology, 2022, 43, 571-588.	0.9	5
21	Structured Building Data Management: Ontologies, Queries, and Platforms. , 2018, , 261-286.		3
22	Special issue on the fundamentals of occupant behaviour research. Journal of Building Performance Simulation, 2017, 10, 439-443.	1.0	2
23	Exploring the relationship between window operation behavior and thermal and air quality factors: A case study of UK residential buildings. Journal of Building Engineering, 2022, 48, 103997.	1.6	1
24	Inter-Occupant Diversity in Occupant Behaviour Models: Exploring Potential Benefits for Predicting Light Switch-on Actions. , 0, , .		0