

Sara Gilani

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

455
citations

9
h-index

13
g-index

13
ext. papers

534
ext. citations

5.1
avg. IF

4.38
L-index

#	Paper	IF	Citations
13	Natural ventilation usability under climate change in Canada and the United States. <i>Building Research and Information</i> , 2021 , 49, 367-386	4.3	2
12	Exploring the impact of office building users' modeling approaches on energy use across Canadian climates. <i>Energy and Buildings</i> , 2019 , 197, 68-86	7	6
11	A probabilistic approach toward achieving net-zero energy buildings using a stochastic office tenant model. <i>Science and Technology for the Built Environment</i> , 2019 , 25, 743-752	1.8	1
10	Critical review and illustrative examples of office occupant modelling formalisms. <i>Building Services Engineering Research and Technology</i> , 2019 , 40, 732-757	2.3	15
9	Simulating occupants' impact on building energy performance at different spatial scales. <i>Building and Environment</i> , 2018 , 132, 327-337	6.5	41
8	In Situ Approaches to Studying Occupants 2018 , 129-167		2
7	A preliminary study of occupants' use of manual lighting controls in private offices: A case study. <i>Energy and Buildings</i> , 2018 , 159, 572-586	7	30
6	Review of current methods, opportunities, and challenges for in-situ monitoring to support occupant modelling in office spaces. <i>Journal of Building Performance Simulation</i> , 2017 , 10, 444-470	2.8	44
5	International survey on current occupant modelling approaches in building performance simulation—Isabella Gaetani, Sara Gilani, and Salvatore Carlucci contributed equally to this work. View all notes. <i>Journal of Building Performance Simulation</i> , 2017 , 10, 653-671	2.8	36
4	Development and implementation of an adaptive lighting and blinds control algorithm. <i>Building and Environment</i> , 2017 , 113, 185-199	6.5	98
3	CFD simulation of stratified indoor environment in displacement ventilation: Validation and sensitivity analysis. <i>Building and Environment</i> , 2016 , 95, 299-313	6.5	100
2	Use of dynamic occupant behavior models in the building design and code compliance processes. <i>Energy and Buildings</i> , 2016 , 117, 260-271	7	35
1	Modeling plug-in equipment load patterns in private office spaces. <i>Energy and Buildings</i> , 2016 , 121, 234-249		45