

Sara Gilani

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7481744/sara-gilani-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
12	Development and implementation of an adaptive lighting and blinds control algorithm. <i>Building and Environment</i> , 2017 , 113, 185-199	6.5	98
11	Modeling plug-in equipment load patterns in private office spaces. <i>Energy and Buildings</i> , 2016 , 121, 234-249	4.9	45
10	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
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	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
7	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
6	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
5	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
4	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
3	In Situ Approaches to Studying Occupants 2018 , 129-167		2
2	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
1	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