

# Sara Gilani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7481744/publications.pdf>

Version: 2024-02-01

13  
papers

610  
citations

933410

10  
h-index

1199563

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

552  
citing authors

#	ARTICLE	IF	CITATIONS
1	CFD simulation of stratified indoor environment in displacement ventilation: Validation and sensitivity analysis. <i>Building and Environment</i> , 2016, 95, 299-313.	6.9	144
2	Development and implementation of an adaptive lighting and blinds control algorithm. <i>Building and Environment</i> , 2017, 113, 185-199.	6.9	135
3	Modeling plug-in equipment load patterns in private office spaces. <i>Energy and Buildings</i> , 2016, 121, 234-249.	6.7	58
4	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.	2.0	57
5	Simulating occupants' impact on building energy performance at different spatial scales. <i>Building and Environment</i> , 2018, 132, 327-337.	6.9	48
6	International survey on current occupant modelling approaches in building performance simulation. <i>Journal of Building Performance Simulation</i> , 2017, 10, 653-671.	2.0	47
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.	6.7	39
8	Use of dynamic occupant behavior models in the building design and code compliance processes. <i>Energy and Buildings</i> , 2016, 117, 260-271.	6.7	38
9	Critical review and illustrative examples of office occupant modelling formalisms. <i>Building Services Engineering Research and Technology</i> , 2019, 40, 732-757.	1.8	18
10	Natural ventilation usability under climate change in Canada and the United States. <i>Building Research and Information</i> , 2021, 49, 367-386.	3.9	14
11	Exploring the impact of office building users' modeling approaches on energy use across Canadian climates. <i>Energy and Buildings</i> , 2019, 197, 68-86.	6.7	6
12	In Situ Approaches to Studying Occupants. , 2018, , 129-167.		5
13	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.	1.7	1