

# Olivia Guerra Santin

## List of Publications by Citations

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**Version:** 2024-04-27

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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.

24  
papers

1,267  
citations

15  
h-index

24  
g-index

24  
ext. papers

1,459  
ext. citations

4.7  
avg, IF

5.18  
L-index

#	Paper	IF	Citations
24	The effect of occupancy and building characteristics on energy use for space and water heating in Dutch residential stock. <i>Energy and Buildings</i> , <b>2009</b> , 41, 1223-1232	7	485
23	Behavioural Patterns and User Profiles related to energy consumption for heating. <i>Energy and Buildings</i> , <b>2011</b> , 43, 2662-2672	7	157
22	Occupants' behaviour: determinants and effects on residential heating consumption. <i>Building Research and Information</i> , <b>2010</b> , 38, 318-338	4.3	147
21	In-use monitoring of buildings: An overview of data collection methods. <i>Energy and Buildings</i> , <b>2015</b> , 93, 189-207	7	60
20	Occupant behaviour in energy efficient dwellings: evidence of a rebound effect. <i>Journal of Housing and the Built Environment</i> , <b>2013</b> , 28, 311-327	2	57
19	Monitoring the performance of low energy dwellings: Two UK case studies. <i>Energy and Buildings</i> , <b>2013</b> , 64, 32-40	7	56
18	The effect of energy performance regulations on energy consumption. <i>Energy Efficiency</i> , <b>2012</b> , 5, 269-282	3	47
17	Mixed methods approach to determine occupants' behaviour - Analysis of two case studies. <i>Energy and Buildings</i> , <b>2016</b> , 130, 546-566	7	47
16	In-use monitoring of buildings: An overview and classification of evaluation methods. <i>Energy and Buildings</i> , <b>2015</b> , 86, 176-189	7	34
15	Designing for residents: Building monitoring and co-creation in social housing renovation in the Netherlands. <i>Energy Research and Social Science</i> , <b>2017</b> , 32, 164-179	7.7	31
14	Interactive kinetic façade: Improving visual comfort based on dynamic daylight and occupant's positions by 2D and 3D shape changes. <i>Building and Environment</i> , <b>2019</b> , 165, 106396	6.5	29
13	Understanding the performance gap in energy retrofitting: Measured input data for adjusting building simulation models. <i>Energy and Buildings</i> , <b>2020</b> , 209, 109688	7	29
12	Development of Dutch occupancy and heating profiles for building simulation. <i>Building Research and Information</i> , <b>2017</b> , 45, 396-413	4.3	23
11	Considering user profiles and occupants' behaviour on a zero energy renovation strategy for multi-family housing in the Netherlands. <i>Energy Efficiency</i> , <b>2018</b> , 11, 1847-1870	3	21
10	Comparing the impact of presence patterns on energy demand in residential buildings using measured data and simulation models. <i>Building Simulation</i> , <b>2019</b> , 12, 985-998	3.9	15
9	Definiendo patrones de ocupación mediante la monitorización de edificios existentes. <i>Informes De La Construccion</i> , <b>2017</b> , 69, 223	0.4	6
8	Learning from design reviews in low energy buildings. <i>Structural Survey</i> , <b>2014</b> , 32, 246-264		5

7	Office occupants as active actors in assessing and informing comfort: a context-embedded comfort assessment in indoor environmental quality investigations. <i>Advances in Building Energy Research</i> , <b>2020</b> , 14, 41-65	1.8	5
6	Integrating interactive kinetic façade design with colored glass to improve daylight performance based on occupants' position. <i>Journal of Building Engineering</i> , <b>2020</b> , 31, 101404	5.2	4
5	Relationship Between Building Technologies, Energy Performance and Occupancy in Domestic Buildings <b>2017</b> , 333-344		3
4	Environmental assessment of construction trends in Mexico: towards sustainable building?. <i>Structural Survey</i> , <b>2009</b> , 27, 361-371		2
3	Smart home modification design strategies for ageing in place: a systematic review. <i>Journal of Housing and the Built Environment</i> , 1	2	2
2	Monitoring the performance of a Passivhaus care home: Lessons for user-centric design. <i>Journal of Building Engineering</i> , <b>2021</b> , 43, 102565	5.2	2
1	Bio-inspired interactive kinetic façade: Using dynamic transitory-sensitive area to improve multiple occupants' visual comfort. <i>Frontiers of Architectural Research</i> , <b>2021</b> , 10, 821-837	2.3	0