

# Agnieszka A Lechowska

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9133245/publications.pdf>

Version: 2024-02-01

12  
papers

247  
citations

1162367

8  
h-index

1199166

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical investigation of the thermal transmittance of PVC window frames with silica aerogel. <i>Journal of Building Engineering</i> , 2020, 32, 101665.	1.6	11
2	Sensitivity Analysis of Window Frame Components Effect on Thermal Transmittance. <i>Energies</i> , 2020, 13, 2957.	1.6	1
3	Assessment of Thermal Bridging Heat Loss by Means of the Infrared Thermography Technique. <i>Springer Proceedings in Energy</i> , 2019, , 625-635.	0.2	2
4	Dynamic thermal properties of building components: Hot box experimental assessment under different solicitations. <i>Energy and Buildings</i> , 2018, 168, 1-8.	3.1	13
5	Application of infrared thermography technique to the thermal assessment of multiple thermal bridges and windows. <i>Energy and Buildings</i> , 2018, 168, 347-362.	3.1	34
6	Window frame thermal transmittance improvements without frame geometry variations: An experimentally validated CFD analysis. <i>Energy and Buildings</i> , 2017, 145, 188-199.	3.1	22
7	Quantification of heat losses through building envelope thermal bridges influenced by wind velocity using the outdoor infrared thermography technique. <i>Applied Energy</i> , 2017, 208, 1038-1052.	5.1	56
8	Infrared thermography technique as an in-situ method of assessing heat loss through thermal bridging. <i>Energy and Buildings</i> , 2017, 135, 20-32.	3.1	73
9	A CFD study and measurements of double glazing thermal transmittance under downward heat flow conditions. <i>Energy and Buildings</i> , 2016, 122, 107-119.	3.1	4
10	The window edge-of-glass region temperature profile improvement by inserting a small additional glass pane—a CFD study and measurements. <i>Journal of Building Engineering</i> , 2015, 4, 41-51.	1.6	4
11	Model of unsteady heat exchange for intermittent heating taking into account hot water radiator capacity. <i>Energy and Buildings</i> , 2014, 76, 176-184.	3.1	11
12	Unified Wilson Plot Method for Determining Heat Transfer Correlations for Heat Exchangers. <i>Journal of Heat Transfer</i> , 2003, 125, 752-756.	1.2	16