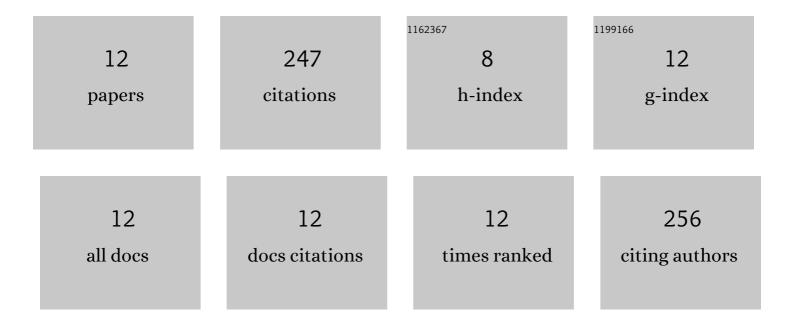
Agnieszka A Lechowska

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9133245/publications.pdf Version: 2024-02-01



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