

Agnieszka A Lechowska

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

247
citations

1162367

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h-index

1199166

12
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12
all docs

12
docs citations

12
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	Sensitivity Analysis of Window Frame Components Effect on Thermal Transmittance. <i>Energies</i> , 2020, 13, 2957.	1.6	1