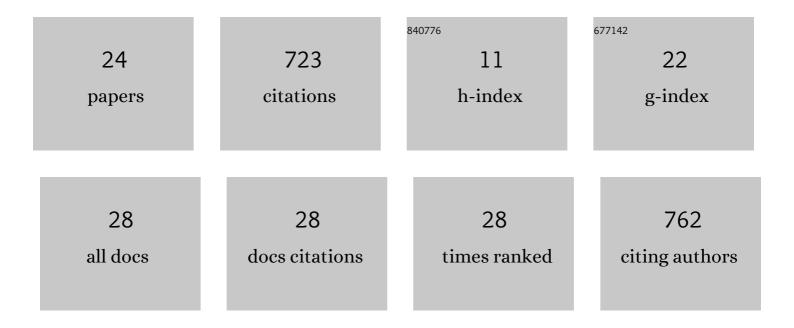
Jan Kosny

List of Publications by Year in descending order

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LAN KOCNY

#	Article	IF	CITATIONS
1	Influence of insulation configuration on heating and cooling loads in a continuously used building. Energy and Buildings, 2002, 34, 321-331.	6.7	184
2	Field thermal performance of naturally ventilated solar roof with PCM heat sink. Solar Energy, 2012, 86, 2504-2514.	6.1	112
3	Dynamic thermal performance analysis of fiber insulations containing bio-based phase change materials (PCMs). Energy and Buildings, 2012, 52, 122-131.	6.7	111
4	PCM-Enhanced Building Components. Engineering Materials and Processes, 2015, , .	0.4	63
5	Thermal evaluation of several configurations of insulation and structural materials for some metal stud walls. Energy and Buildings, 1995, 22, 157-163.	6.7	44
6	Performance characterization of PCM impregnated gypsum board for building applications. Energy Procedia, 2012, 30, 370-379.	1.8	42
7	Thermal load mitigation and passive cooling in residential attics containing PCM-enhanced insulations. Solar Energy, 2014, 108, 164-177.	6.1	36
8	A review of high R-value wood framed and composite wood wall technologies using advanced insulation techniques. Energy and Buildings, 2014, 72, 441-456.	6.7	23
9	Three-dimensional conduction z-transfer function coefficients determined from the response factors. Energy and Buildings, 2005, 37, 301-310.	6.7	16
10	Thermal impact of adhesive-mounted rooftop PV on underlying roof shingles. Solar Energy, 2018, 174, 957-966.	6.1	12
11	Short History of PCM Applications in Building Envelopes. Engineering Materials and Processes, 2015, , 21-59.	0.4	11
12	Exploring future climate trends on the thermal performance of attics: Part 1 – Standard roofs. Energy and Buildings, 2016, 129, 32-45.	6.7	11
13	DHFMA Method for Dynamic Thermal Property Measurement of PCM-integrated Building Materials. Current Sustainable/Renewable Energy Reports, 2015, 2, 41-46.	2.6	10
14	Thermal performance analysis of residential attics containing high performance aerogel-based radiant barriers. Energy and Buildings, 2018, 158, 1036-1048.	6.7	9
15	Application of Phase Change Materials and Conventional Thermal Mass for Control of Roof-Generated Cooling Loads. Applied Sciences (Switzerland), 2020, 10, 6875.	2.5	5
16	Overview of Basic Solid–Liquid PCMs Used in Building Envelopes—Packaging Methods, Encapsulation, and Thermal Enhancement. Engineering Materials and Processes, 2015, , 61-105.	0.4	4
17	Lab-Scale Dynamic Thermal Testing of PCM-Enhanced Building Materials. , 2014, , 1-13.		4
18	Effect of Framing Factor on Clear Wall R-value for Wood and Steel Framed Walls. Journal of Building Physics, 2006, 30, 163-180.	2.4	3

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#	Article	IF	CITATIONS
19	Predicting the performance of radiant technologies in attics: Reducing the discrepancies between attic specific and whole-building energy models. Energy and Buildings, 2018, 169, 69-83.	6.7	3
20	Surrogate modeling approach towards coupling computational fluid dynamics and energy simulations for analysis and design of energy efficient attics. Building and Environment, 2019, 149, 196-209.	6.9	3
21	Thermal and Energy Modeling of PCM-Enhanced Building Envelopes. Engineering Materials and Processes, 2015, , 167-234.	0.4	2
22	Development and verification of the Fraunhofer attic thermal model. Journal of Building Performance Simulation, 2017, 10, 72-90.	2.0	2
23	Examples of Full-Scale Field Experiments—Test Huts and Whole Buildings Containing PCM-Enhanced Building Envelope Components. Engineering Materials and Processes, 2015, , 143-166.	0.4	1
24	Laboratory Thermal Testing of PCM-Enhanced Building Products and Envelope Systems. Engineering Materials and Processes, 2015, , 107-141.	0.4	0