

# CITATION REPORT

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State of the art in thermal insulation materials and aims for future developments

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#	Paper	IF	Citations
586	Use of Mie theory to analyze experimental data to identify infrared properties of fused quartz containing bubbles. <b>2005</b> , 44, 7021-31		53
585	Energy Cost and its Impact on Regulating Building Energy Behaviour. <i>Advances in Building Energy Research</i> , <b>2007</b> , 1, 105-121	1.8	20
584	Toxicity characteristics of commercially manufactured insulation materials for building applications in Taiwan. <i>Construction and Building Materials</i> , <b>2007</b> , 21, 1254-1261	6.7	44
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316	A review on optimization methods applied in energy-efficient building geometry and envelope design. <b>2018</b> , 92, 897-920		144
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207	Development of an acoustic absorbing material based on sunflower residue following the cleaner production techniques. <b>2020</b> , 270, 122478		9
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203	Theoretical and Experimental Studies on Thermal Properties of Polyester Nonwoven Fibrous Material. <i>Materials</i> , <b>2020</b> , 13,	3.5	7
202	Change in Conductive-Radiative Heat Transfer Mechanism Forced by Graphite Microfiller in Expanded Polystyrene Thermal Insulation-Experimental and Simulated Investigations. <i>Materials</i> , <b>2020</b> , 13,	3.5	3
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149	Comprehensive Insight into Foams Made of Thermomechanical Pulp Fibers and Cellulose Nanofibrils via Microwave Radiation. <b>2021</b> , 9, 10113-10122		1
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132	Insulation Materials Made with Vegetable Fibres. <b>2013</b> , 411-455		1
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130	Mechanical and Tribological Properties of Scrap Rubber Based Composites Reinforced with Glass Fiber, Al and TiO <sub>2</sub> . <b>2017</b> , 1-7		1
129	Moisture Robustness During Retrofitting of Timber Frame Walls with Vacuum Insulation Panels: Experimental and Theoretical Studies. <b>2013</b> , 183-210		3
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79	The roles of cenosphere in ultra-lightweight foamed geopolymer concrete (UFGC). <i>Ceramics International</i> , <b>2022</b> ,	5.1	9
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76	Novel Foaming-Agent Free Insulating Geopolymer Based on Industrial Fly Ash and Rice Husk.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	0
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61	Determination of Insulation Parameters with Optimization Algorithms. <b>2022</b> ,		0
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45	Comparison of Different Insulation Materials with Thermal Conductivity Coefficients Based on Density and Temperature for Two Climate Zones.	
44	The effect of core materials on flexural behaviour of sandwich panels with basalt FRP facesheets. 136943322211198	
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41	PII-modified starch: A polymeric flame retardant for wood-based materials. <b>2022</b> , 339-368	0
40	Replacement of cementitious material by using agricultural waste. <b>2022</b> ,	0
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38	Modern Dimensional Analysis Involved in Polymers Additive Manufacturing Optimization. <b>2022</b> , 14, 3995	1
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27	Thermal performance of cross-laminated timber (CLT) and cross-laminated bamboo and timber (CLBT) panels. 1-20	0
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