

# Richard Slavik

## List of Publications by Year in descending order

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21  
papers

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citations

1477746

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h-index

1372195

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g-index

22  
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22  
docs citations

22  
times ranked

114  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of hemp oil impregnation and thermal modification on European beech wood properties. <i>European Journal of Wood and Wood Products</i> , 2021, 79, 161-175.	1.3	11
2	Reliability Study of Equilibrium Moisture Content Methods for Sorption/Desorption Isotherms Determination of Autoclaved Aerated Concrete. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 824.	1.3	5
3	Coupled transparent insulation system with low emissivity solar absorber: An experimentally validated building energy simulation study. <i>Science and Technology for the Built Environment</i> , 2020, 26, 511-523.	0.8	4
4	The longwave sky radiation effect on the condensation risk of ventilated double-skin roof structures. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	2
5	A Nondestructive Indirect Approach to Long-Term Wood Moisture Monitoring Based on Electrical Methods. <i>Materials</i> , 2019, 12, 2373.	1.3	7
6	The influence of green walls on interior climate conditions and human health. <i>MATEC Web of Conferences</i> , 2019, 282, 02041.	0.1	2
7	Vapor diffusion in wood frame wall: Case study of vapor barrier performance. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	0
8	Monitoring the Effective Ambient and Sky Temperature Based on Infrared Sensor for Advanced Thermal Calculations. <i>Applied Mechanics and Materials</i> , 2019, 887, 613-621.	0.2	2
9	Life Cycle Assessment of Solar Façade Concepts Based on Transparent Insulation Materials. <i>Sustainability</i> , 2018, 10, 4212.	1.6	2
10	Experimental Analysis of Transparent Insulation Based on Poly-carbonate Multi-Wall Systems: Thermal and Optical Performance. <i>Energy Procedia</i> , 2017, 132, 502-507.	1.8	7
11	Total Solar Transmittance Quantifying of Transparent Insulation Building Materials Based on Real Climate Outdoor Measurements. <i>Energy Procedia</i> , 2017, 132, 243-248.	1.8	6
12	Cardboard-Based Packaging Materials as Renewable Thermal Insulation of Buildings: Thermal and Life-Cycle Performance. <i>Journal of Renewable Materials</i> , 2017, 5, 84-93.	1.1	14
13	A Non-Ventilated Solar Façade Concept Based on Selective and Transparent Insulation Material Integration: An Experimental Study. <i>Energies</i> , 2017, 10, 815.	1.6	17
14	Experimental Full-Scale Test Cell Optimizing for Research of Novel Concepts towards Climatically Active Solar Façade Design. <i>Applied Mechanics and Materials</i> , 2016, 861, 213-220.	0.2	3
15	Study of Surface Temperature Monitoring in the Field of Buildings. <i>Procedia Engineering</i> , 2016, 161, 1135-1143.	1.2	5
16	Investigation of the Process of Heat Transfer in the Structure of Thermal Insulation Materials Based on Natural Fibres. <i>Procedia Engineering</i> , 2016, 151, 352-359.	1.2	16
17	Hygrothermal Loads of Building Components in Bathroom of Dwellings. <i>Advanced Materials Research</i> , 2014, 1041, 269-272.	0.3	1
18	Comparing Methods for Calculating Thermal Stability of Rooms. <i>Advanced Materials Research</i> , 0, 649, 49-52.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Operative Temperature Predicting of a Room in Summer: An Approach for Validating of Empirical Calculation Models. Applied Mechanics and Materials, 0, 824, 519-526.	0.2	2
20	Usage of Raspberry Pi for Temperature and Relative Humidity Measurements and Comparison with HAM Simulation. Applied Mechanics and Materials, 0, 824, 552-559.	0.2	4
21	Obtainable Method of Measuring the Solar Radiant Flux Based on Silicone Photodiode Element. Applied Mechanics and Materials, 0, 824, 477-484.	0.2	10