

Iveta Skotnicova

List of Publications by Year in descending order

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22
papers

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#	ARTICLE	IF	CITATIONS
1	Experimental Measurements and Numerical Simulations of Dynamic Thermal Performance of External Timber Frame Wall. <i>Advanced Materials Research</i> , 2014, 899, 126-130.	0.3	13
2	DYNAMIC THERMAL PERFORMANCE OF BUILDING STRUCTURES IN EXPERIMENTAL LIGHTWEIGHT TIMBER-FRAME PASSIVE HOUSE. , 2013, , .		8
3	Computational Simulations of the Thermally Stratified Atmospheric Boundary Layer above Hills. <i>Procedia Engineering</i> , 2017, 190, 134-139.	1.2	6
4	Using of Aerogel to Improve Thermal Insulating Properties of Windows. <i>Civil and Environmental Engineering</i> , 2018, 14, 2-11.	0.4	5
5	Analysis of Experimental Measurements and Numerical Simulations of a Heat Field in the Light Weight Building Structure. <i>Advanced Materials Research</i> , 0, 969, 33-38.	0.3	4
6	Dynamic Experimental Analysis of a Steel Bridge. <i>Advanced Materials Research</i> , 0, 1020, 215-220.	0.3	4
7	Effect of Non-Uniform Temperature Distribution over the Cross-Section in Steel Frame Structure. <i>Applied Mechanics and Materials</i> , 0, 769, 65-68.	0.2	4
8	Evaluation of thermal comfort of the internal environment in smart home using objective and subjective factors. , 2016, , .		4
9	Numerical Analysis of Steel Portal Frame Exposed to Fire. <i>Procedia Engineering</i> , 2017, 190, 237-242.	1.2	4
10	Noise Attenuation from Tramway Traffic. <i>Communications - Scientific Letters of the University of Zilina</i> , 2012, 14, 73-78.	0.3	2
11	Comparison of Acoustic Properties of the Peripheral Walls of Energy Efficient Buildings - Natural and Artificial Materials. <i>Advanced Materials Research</i> , 2014, 1041, 436-439.	0.3	1
12	Dynamic Heat Transfer through the External Wall of a Timber Structure. <i>Applied Mechanics and Materials</i> , 0, 617, 162-166.	0.2	1
13	Dynamic Simulation of the Energy Performance of the Timber-Frame Passive House. <i>Advanced Materials Research</i> , 0, 1020, 556-560.	0.3	1
14	Thermal Technical Analysis of Lightweight Timber-Based External Wall Structures with Ventilated Air Gap. <i>Sustainability</i> , 2021, 13, 378.	1.6	1
15	Identification of a Percentage of Engagement of the Bivalent Source of the Earthâ€™Water Type Heat Pump in Heating of the School Using the DDFPM Method. <i>Advanced Materials Research</i> , 2014, 1041, 135-138.	0.3	0
16	Analysis of the Hygrothermal Performance of the Lightweight External Cladding. <i>Advanced Materials Research</i> , 2014, 1041, 311-314.	0.3	0
17	Improvement of Acoustic Properties and Dynamic Characteristics of Temporary Bridge Structures. <i>Applied Mechanics and Materials</i> , 0, 752-753, 733-738.	0.2	0
18	Numerical and Experimental Modelling of an Air Flow Field in the Chamber of a Rectangular Cross-Section Contraction. <i>Applied Mechanics and Materials</i> , 0, 769, 161-165.	0.2	0

#	ARTICLE	IF	CITATIONS
19	The Applicability of Probabilistic Calculation Methods in Building Thermal Technology and Energetics. Key Engineering Materials, 2020, 832, 109-122.	0.4	0
20	EVALUATION OF INDOOR ENVIRONMENT AND ENERGY EFFICIENCY OF A PASSIVE HOUSE. , 2014, , .		0
21	EFFECT OF THERMOPHYSICAL PROPERTIES OF INSULATING MATERIALS ON DYNAMIC RESPONSE OF LIGHTWEIGHT EXTERNAL CLADDINGS. , 2015, , .		0
22	ASSESSING DAYLIGHT IN DIFFICULT TO ILLUMINATE SPACES. , 2018, , .		0