

Joanna Ferdyn-Grygierek

List of Publications by Year in descending order

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397
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the Environmental Impact in the Life Cycle of a Single-Family House in Poland. Atmosphere, 2022, 13, 245.	2.3	6
2	Passive Cooling Solutions to Improve Thermal Comfort in Polish Dwellings. Energies, 2021, 14, 3648.	3.1	12
3	Effects of Climate Change on Thermal Comfort and Energy Demand in a Single-Family House in Poland. Buildings, 2021, 11, 595.	3.1	6
4	Energy and Environmental Analysis of Single-Family Houses Located in Poland. Energies, 2020, 13, 2740.	3.1	27
5	Thermal Comfort and Energy Use with Local Heaters. Energies, 2020, 13, 2912.	3.1	8
6	Hygrothermal Risk in Museum Buildings Located in Moderate Climate. Energies, 2020, 13, 344.	3.1	18
7	Analysis of Heat Demand and Thermal Comfort in Naturally Ventilated Single-Family Houses of Various Constructions. Architecture Civil Engineering Environment, 2020, 13, 53-71.	0.6	0
8	Proposed Strategies for Improving Poor Hygrothermal Conditions in Museum Exhibition Rooms and Their Impact on Energy Demand. Energies, 2019, 12, 620.	3.1	7
9	Thermal Diagnostics of Natural Ventilation in Buildings: An Integrated Approach. Energies, 2019, 12, 4556.	3.1	21
10	HVAC control methods for drastically improved hygrothermal museum microclimates in warm season. Building and Environment, 2019, 149, 90-99.	6.9	20
11	MULTI-VARIABLE OPTIMIZATION MODELS FOR BUILDING ENVELOPE DESIGN USING ENERGYPLUS SIMULATION AND METAHEURISTIC ALGORITHMS. Architecture Civil Engineering Environment, 2019, 12, 81-90.	0.6	0
12	Analysis of Accuracy Determination of the Seasonal Heat Demand in Buildings Based on Short Measurement Periods. Energies, 2018, 11, 2734.	3.1	9
13	Multi-Objective Optimization of the Envelope of Building with Natural Ventilation. Energies, 2018, 11, 1383.	3.1	37
14	Multi-Objectives Optimization of Ventilation Controllers for Passive Cooling in Residential Buildings. Sensors, 2018, 18, 1144.	3.8	21
15	The Impact of Building Parameters and way of Operation on the Operative Temperature in Rooms. Architecture Civil Engineering Environment, 2018, 11, 107-114.	0.6	2
16	Multi-Variable Optimization of Building Thermal Design Using Genetic Algorithms. Energies, 2017, 10, 1570.	3.1	53
17	OPTIMIZATION OF WINDOW SIZE DESIGN FOR DETACHED HOUSE USING TRNSYS SIMULATIONS AND GENETIC ALGORITHM. Architecture Civil Engineering Environment, 2017, 10, 133-140.	0.6	9
18	Monitoring of indoor air parameters in large museum exhibition halls with and without air-conditioning systems. Building and Environment, 2016, 107, 113-126.	6.9	47

#	ARTICLE	IF	CITATIONS
19	Cooling Demand In Museum Premises – Numerical Prediction And Measurement Validation. Architecture Civil Engineering Environment, 2016, 9, 125-135.	0.6	1
20	Internal environment in the museum building – Assessment and improvement of air exchange and its impact on energy demand for heating. Energy and Buildings, 2015, 92, 45-54.	6.7	25
21	Effect of calculation zoning on numerical modelling of ventilation airflows. Building Simulation, 2015, 8, 73-79.	5.6	3
22	Indoor environment quality in the museum building and its effect on heating and cooling demand. Energy and Buildings, 2014, 85, 32-44.	6.7	63
23	The Improvement of Thermal Comfort and Air Quality in the Historic Assembly Hall of a University. Indoor and Built Environment, 2012, 21, 332-347.	2.8	14
24	Heat demand and air exchange in a multifamily building – simulation with elements of validation. Building Services Engineering Research and Technology, 2009, 30, 227-240.	1.8	11