

Damir DoviÄ

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

286
citations

1039880

9
h-index

1281743

11
g-index

15
all docs

15
docs citations

15
times ranked

310
citing authors

#	ARTICLE	IF	CITATIONS
1	Generalized correlations for predicting heat transfer and pressure drop in plate heat exchanger channels of arbitrary geometry. <i>International Journal of Heat and Mass Transfer</i> , 2009, 52, 4553-4563.	2.5	100
2	Numerically assisted analysis of flat and corrugated plate solar collectors thermal performances. <i>Solar Energy</i> , 2012, 86, 2416-2431.	2.9	45
3	Numerical and experimental approach for evaluation of thermal performances of a polymer solar collector. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 112, 127-139.	8.2	31
4	Dynamic modeling approach for determining buildings technical system energy performance. <i>Energy Conversion and Management</i> , 2016, 125, 154-165.	4.4	29
5	Primary energy consumption of the dwelling with solar hot water system and biomass boiler. <i>Energy Conversion and Management</i> , 2014, 87, 1151-1161.	4.4	20
6	Cost-optimal energy performance calculations of a new nZEB hotel building using dynamic simulations and optimization algorithms. <i>Journal of Building Engineering</i> , 2021, 39, 102272.	1.6	16
7	Numerical and experimental methods in development of the novel biomass combustion system concept for wood and agro pellets. <i>Energy</i> , 2021, 231, 120929.	4.5	15
8	Combustion of Agricultural Biomass - Issues and Solutions. <i>Transactions of Famena</i> , 2018, 42, 75-86.	0.3	13
9	Impact of velocities and geometry on flow components and heat transfer in plate heat exchangers. <i>Applied Thermal Engineering</i> , 2021, 197, 117371.	3.0	12
10	A Novel Dynamic Approach to Cost-Optimal Energy Performance Calculations of a Solar Hot Water System in an nZEB Multi-Apartment Building. <i>Energies</i> , 2022, 15, 509.	1.6	3
11	Study of Operative Temperature Using the Novel Detail Approach in Determining Mean Radiant Temperature – Comparison Between Wall-Mounted Convectors and Conventional Radiator. <i>Transactions of Famena</i> , 2018, 42, 27-38.	0.3	2
12	Numerical Investigation of Cover Plate Configurations Effect on Thermal Characteristics of a Polymer Solar Collector. <i>Transactions of Famena</i> , 2021, 45, 75-88.	0.3	0
13	Differences in Calculations of Annual Heating and Cooling Energy Need Carried out by Modified Simple Hourly Method and Dynamic Simulations. <i>Transactions of Famena</i> , 2021, 45, 35-48.	0.3	0
14	Detailed numerical and experimental analysis of commonly used measures for achieving near complete combustion in the residential combustion appliances. , 2021, , .		0
15	Numerical and experimental methods in investigating measures for achieving low pollutant combustion in the residential appliances. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 4614-4629.	1.2	0