

Magdalena Nems

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

184
citations

7
h-index

13
g-index

14
ext. papers

229
ext. citations

4.5
avg, IF

3.62
L-index

#	Paper	IF	Citations
14	Investigation of thermo-hydraulic performance of concentrated solar air-heater with internal multiple-fin array. <i>Applied Thermal Engineering</i> , 2013 , 58, 411-419	5.8	45
13	Experimental investigation of concentrated solar air-heater with internal multiple-fin array. <i>Renewable Energy</i> , 2016 , 97, 722-730	8.1	34
12	Utilizing circular jet impingement to enhance thermal performance of solar air heater. <i>Renewable Energy</i> , 2020 , 154, 1327-1345	8.1	33
11	Validation of a new concept of a solar air heating system with a long-term granite storage bed for a single-family house. <i>Applied Energy</i> , 2018 , 215, 384-395	10.7	12
10	Analysis of the Possibilities of Using a Heat Pump for Greenhouse Heating in Polish Climatic Conditions – Case Study. <i>Sustainability</i> , 2018 , 10, 3483	3.6	12
9	Thermo-Hydraulic Analysis of Heat Storage Filled with the Ceramic Bricks Dedicated to the Solar Air Heating System. <i>Materials</i> , 2017 , 10,	3.5	11
8	Analysis of the Impact of the Construction of a Trombe Wall on the Thermal Comfort in a Building Located in Wrocław, Poland. <i>Atmosphere</i> , 2019 , 10, 761	2.7	9
7	Sustainable Integration of a Solar Heating System into a Single-Family House in the Climate of Central Europe – Case Study. <i>Sustainability</i> , 2019 , 11, 4167	3.6	7
6	A Set-up for an Experimental Verification of a New Conception of Solar Powered House. <i>Energy Procedia</i> , 2014 , 57, 2305-2314	2.3	6
5	A Granite Bed Storage for a Small Solar Dryer. <i>Materials</i> , 2018 , 11,	3.5	6
4	Development and Results from Application of PCM-Based Storage Tanks in a Solar Thermal Comfort System of an Institutional Building – Case Study. <i>Energies</i> , 2020 , 13, 3877	3.1	3
3	The Influence of the Shape of Granite on the Heat Storage Process in a Rock Bed. <i>Energies</i> , 2020 , 13, 5662	3.1	2
2	Sizing the Thermal Energy Storage Device Utilizing Phase Change Material (PCM) for Low-Temperature Organic Rankine Cycle Systems Employing Selected Hydrocarbons. <i>Energies</i> , 2022 , 15, 956	3.1	2
1	Experimental Determination of the Influence of Shape on the Heat Transfer Process in a Crushed Granite Storage Bed. <i>Energies</i> , 2020 , 13, 6725	3.1	2