

Robert Sekret

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

455
citations

933447
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752698
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21
all docs

21
docs citations

21
times ranked

479
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of PCM application inside an evacuated tube collector on the thermal performance of a domestic hot water system. Energy and Buildings, 2017, 152, 558-567.	6.7	91
2	Effect of a low cost parabolic reflector on the charging efficiency of an evacuated tube collector/storage system with a PCM. Solar Energy, 2017, 144, 758-766.	6.1	57
3	Buildings and a district heating network as thermal energy storages in the district heating system. Energy and Buildings, 2018, 179, 49-56.	6.7	55
4	Comparison of LCA results of low temperature heat plant using electric heat pump, absorption heat pump and gas-fired boiler. Energy Conversion and Management, 2014, 87, 647-652.	9.2	52
5	Modeling of solid fuels combustion in oxygen-enriched atmosphere in circulating fluidized bed boiler. Fuel Processing Technology, 2010, 91, 290-295.	7.2	48
6	Research on an adsorption cooling system supplied by solar energy. Energy and Buildings, 2012, 51, 15-20.	6.7	38
7	Modeling of solid fuel combustion in oxygen-enriched atmosphere in circulating fluidized bed boiler. Fuel Processing Technology, 2010, 91, 364-368.	7.2	31
8	The use of a PCM heat accumulator to improve the efficiency of the district heating substation. Energy, 2019, 187, 115885.	8.8	23
9	Analysis of temperature, air humidity and wind conditions for the needs of outdoor thermal comfort. E3S Web of Conferences, 2018, 44, 00028.	0.5	11
10	Life Cycle Assessment of the Use of Phase Change Material in an Evacuated Solar Tube Collector. Energies, 2021, 14, 4146.	3.1	11
11	Conceptual adsorption system of cooling and heating supplied by solar energy. Chemical and Process Engineering - Inżynieria Chemiczna I Procesowa, 2016, 37, 293-304.	0.7	10
12	Exergy analysis of the performance of low-temperature district heating system with geothermal heat pump. Archives of Thermodynamics, 2014, 35, 77-86.	1.0	5
13	The use of substations with PCM heat accumulators in district heating system. MATEC Web of Conferences, 2018, 174, 01002.	0.2	5
14	A method of determining the thermal power demand of buildings connected to the district heating system with usage of heat accumulation. E3S Web of Conferences, 2017, 22, 00180.	0.5	4
15	The influence of using heat storage with PCM on inlet and outlet temperatures in substation in DHS. E3S Web of Conferences, 2017, 22, 00124.	0.5	3
16	Environmental aspects of energy supply of buildings in Poland. E3S Web of Conferences, 2018, 49, 00097.	0.5	3
17	Developing a Cold Accumulator with a Capsule Bed Containing Water as a Phase-Change Material. Energies, 2021, 14, 2703.	3.1	3
18	The impact of ETC/PCM solar energy storage on the energy performance of a building. E3S Web of Conferences, 2019, 116, 00073.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Thermal Regeneration of Mineral Sorbent Using Burner Unit. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2013, 34, 191-201.	0.7	2
20	Distribution and forecast of air temperature in determining of heat output of the district heating substation with heat storage. E3S Web of Conferences, 2019, 116, 00094.	0.5	1
21	Possibilities of using solar energy in the processes of cooling external zones of people. E3S Web of Conferences, 2018, 49, 00016.	0.5	0