

# Robert Sekret

## List of Publications by Year in descending order

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21  
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932766

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752256

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Developing a Cold Accumulator with a Capsule Bed Containing Water as a Phase-Change Material. Energies, 2021, 14, 2703.	1.6	3
2	Life Cycle Assessment of the Use of Phase Change Material in an Evacuated Solar Tube Collector. Energies, 2021, 14, 4146.	1.6	11
3	The use of a PCM heat accumulator to improve the efficiency of the district heating substation. Energy, 2019, 187, 115885.	4.5	23
4	The impact of ETC/PCM solar energy storage on the energy performance of a building. E3S Web of Conferences, 2019, 116, 00073.	0.2	2
5	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.	0.2	1
6	Analysis of temperature, air humidity and wind conditions for the needs of outdoor thermal comfort. E3S Web of Conferences, 2018, 44, 00028.	0.2	11
7	Possibilities of using solar energy in the processes of cooling external zones of people. E3S Web of Conferences, 2018, 49, 00016.	0.2	0
8	Environmental aspects of energy supply of buildings in Poland. E3S Web of Conferences, 2018, 49, 00097.	0.2	3
9	Buildings and a district heating network as thermal energy storages in the district heating system. Energy and Buildings, 2018, 179, 49-56.	3.1	55
10	The use of substations with PCM heat accumulators in district heating system. MATEC Web of Conferences, 2018, 174, 01002.	0.1	5
11	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.	2.9	57
12	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.	3.1	91
13	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.	0.2	4
14	The influence of using heat storage with PCM on inlet and outlet temperatures in substation in DHS. E3S Web of Conferences, 2017, 22, 00124.	0.2	3
15	Conceptual adsorption system of cooling and heating supplied by solar energy. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2016, 37, 293-304.	0.7	10
16	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.	4.4	52
17	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
18	Thermal Regeneration of Mineral Sorbent Using Burner Unit. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2013, 34, 191-201.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Research on an adsorption cooling system supplied by solar energy. Energy and Buildings, 2012, 51, 15-20.	3.1	38
20	Modeling of solid fuels combustion in oxygen-enriched atmosphere in circulating fluidized bed boiler. Fuel Processing Technology, 2010, 91, 290-295.	3.7	48
21	Modeling of solid fuel combustion in oxygen-enriched atmosphere in circulating fluidized bed boiler. Fuel Processing Technology, 2010, 91, 364-368.	3.7	31