

Robert Sekret

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

455
citations

932766

10
h-index

752256

20
g-index

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. <i>Energy and Buildings</i> , 2017, 152, 558-567.	3.1	91
2	Effect of a low cost parabolic reflector on the charging efficiency of an evacuated tube collector/storage system with a PCM. <i>Solar Energy</i> , 2017, 144, 758-766.	2.9	57
3	Buildings and a district heating network as thermal energy storages in the district heating system. <i>Energy and Buildings</i> , 2018, 179, 49-56.	3.1	55
4	Comparison of LCA results of low temperature heat plant using electric heat pump, absorption heat pump and gas-fired boiler. <i>Energy Conversion and Management</i> , 2014, 87, 647-652.	4.4	52
5	Modeling of solid fuels combustion in oxygen-enriched atmosphere in circulating fluidized bed boiler. <i>Fuel Processing Technology</i> , 2010, 91, 290-295.	3.7	48
6	Research on an adsorption cooling system supplied by solar energy. <i>Energy and Buildings</i> , 2012, 51, 15-20.	3.1	38
7	Modeling of solid fuel combustion in oxygen-enriched atmosphere in circulating fluidized bed boiler. <i>Fuel Processing Technology</i> , 2010, 91, 364-368.	3.7	31
8	The use of a PCM heat accumulator to improve the efficiency of the district heating substation. <i>Energy</i> , 2019, 187, 115885.	4.5	23
9	Analysis of temperature, air humidity and wind conditions for the needs of outdoor thermal comfort. <i>E3S Web of Conferences</i> , 2018, 44, 00028.	0.2	11
10	Life Cycle Assessment of the Use of Phase Change Material in an Evacuated Solar Tube Collector. <i>Energies</i> , 2021, 14, 4146.	1.6	11
11	Conceptual adsorption system of cooling and heating supplied by solar energy. <i>Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa</i> , 2016, 37, 293-304.	0.7	10
12	Exergy analysis of the performance of low-temperature district heating system with geothermal heat pump. <i>Archives of Thermodynamics</i> , 2014, 35, 77-86.	1.0	5
13	The use of substations with PCM heat accumulators in district heating system. <i>MATEC Web of Conferences</i> , 2018, 174, 01002.	0.1	5
14	A method of determining the thermal power demand of buildings connected to the district heating system with usage of heat accumulation. <i>E3S Web of Conferences</i> , 2017, 22, 00180.	0.2	4
15	The influence of using heat storage with PCM on inlet and outlet temperatures in substation in DHS. <i>E3S Web of Conferences</i> , 2017, 22, 00124.	0.2	3
16	Environmental aspects of energy supply of buildings in Poland. <i>E3S Web of Conferences</i> , 2018, 49, 00097.	0.2	3
17	Developing a Cold Accumulator with a Capsule Bed Containing Water as a Phase-Change Material. <i>Energies</i> , 2021, 14, 2703.	1.6	3
18	The impact of ETC/PCM solar energy storage on the energy performance of a building. <i>E3S Web of Conferences</i> , 2019, 116, 00073.	0.2	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.	0.2	1
21	Possibilities of using solar energy in the processes of cooling external zones of people. E3S Web of Conferences, 2018, 49, 00016.	0.2	0