

Camelia Stanciu, Camelia Petre

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6890218/publications.pdf>

Version: 2024-02-01

20
papers

608
citations

1040056

9
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	Exergy analysis of solar thermal collectors and processes. Progress in Energy and Combustion Science, 2016, 56, 106-137.	31.2	199
2	Optimum tilt angle for flat plate collectors all over the World – A declination dependence formula and comparisons of three solar radiation models. Energy Conversion and Management, 2014, 81, 133-143.	9.2	153
3	Optimization of the direct Carnot cycle. Applied Thermal Engineering, 2007, 27, 829-839.	6.0	65
4	A methodology of computation, design and optimization of solar Stirling power plant using hydrogen/oxygen fuel cells. Energy, 2010, 35, 729-739.	8.8	49
5	Effect of Greenhouse Orientation with Respect to E-W Axis on its Required Heating and Cooling Loads. Energy Procedia, 2016, 85, 498-504.	1.8	39
6	Mathematical links between optimum solar collector tilts in isotropic sky for intercepting maximum solar irradiance. Journal of Atmospheric and Solar-Terrestrial Physics, 2016, 137, 58-65.	1.6	29
7	A model for study and optimization of real-operating refrigeration machines. International Journal of Energy Research, 2009, 33, 173-179.	4.5	16
8	Thermal Analysis of a Solar Powered Absorption Cooling System with Fully Mixed Thermal Storage at Startup. Energies, 2017, 10, 72.	3.1	16
9	Nonlinear Thermodynamic Analysis and Optimization of a Carnot Engine Cycle. Entropy, 2016, 18, 243.	2.2	12
10	Unification perspective of finite physical dimensions thermodynamics and finite speed thermodynamics. International Journal of Energy and Environmental Engineering, 2015, 6, 245-254.	2.5	8
11	Optimization and Entropy Production: Application to Carnot-Like Refrigeration Machines. Entropy, 2018, 20, 953.	2.2	5
12	EXERGY ANALYSIS OF A SOLAR STIRLING ENGINE ASSEMBLY. Environmental Engineering and Management Journal, 2011, 10, 1345-1353.	0.6	5
13	Maximum Exergetic Efficiency Operation of a Solar Powered H ₂ O-LiBr Absorption Cooling System. Entropy, 2017, 19, 676.	2.2	4
14	Reply to –Comments on –Optimum tilt angle for flat plate collectors all over the World – A declination dependence formula and comparisons of three solar radiation models–[Stanciu, C., Stanciu, D., Energy Conversion and Management 81, 133–143]– Energy Conversion and Management, 2015, 93, 450-451.	9.2	3
15	Irradiance characteristic of a small-scale solar simulator for testing thermal collectors. E3S Web of Conferences, 2019, 112, 02012.	0.5	2
16	Performances Evaluation for a Reversed Quasi-Carnot Cycle (Refrigeration Machine) by Using the Direct Method from Finite Speed Thermodynamics. Advanced Materials Research, 2012, 463-464, 1658-1662.	0.3	1
17	Storage tank mass control for optimum solar-powered absorption cooling system operation. , 2017, , .		1
18	Thermodynamic assessment of a solar organic Rankine cycle (ORC) integrated in a complex system for renewable energy production from natural sources located on Romania – Danube river near Galati City. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	Numerical simulation of a phase change material melting process. E3S Web of Conferences, 2019, 112, 01010.	0.5	0
20	THERMODYNAMIC DESIGN AND OPTIMIZATION OF A SOLAR-DISH POWERED STIRLING ENGINE. Environmental Engineering and Management Journal, 2011, 10, 1335-1343.	0.6	0