

# Camelia Stanciu, Camelia Petre

## List of Publications by Year in descending order

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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	Irradiance characteristic of a small-scale solar simulator for testing thermal collectors. E3S Web of Conferences, 2019, 112, 02012.	0.5	2
2	Numerical simulation of a phase change material melting process. E3S Web of Conferences, 2019, 112, 01010.	0.5	0
3	Thermodynamic assessment of a solar organic Rankine cycle (ORC) integrated in a complex system for renewable energy production from natural sources located on Romania's Danube river near Galati City. , 2019, , .		1
4	Optimization and Entropy Production: Application to Carnot-Like Refrigeration Machines. Entropy, 2018, 20, 953.	2.2	5
5	Storage tank mass control for optimum solar-powered absorption cooling system operation. , 2017, , .		1
6	Maximum Exergetic Efficiency Operation of a Solar Powered H <sub>2</sub> O-LiBr Absorption Cooling System. Entropy, 2017, 19, 676.	2.2	4
7	Thermal Analysis of a Solar Powered Absorption Cooling System with Fully Mixed Thermal Storage at Startup. Energies, 2017, 10, 72.	3.1	16
8	Nonlinear Thermodynamic Analysis and Optimization of a Carnot Engine Cycle. Entropy, 2016, 18, 243.	2.2	12
9	Exergy analysis of solar thermal collectors and processes. Progress in Energy and Combustion Science, 2016, 56, 106-137.	31.2	199
10	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
11	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
12	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
13	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
14	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
15	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
16	EXERGY ANALYSIS OF A SOLAR STIRLING ENGINE ASSEMBLY. Environmental Engineering and Management Journal, 2011, 10, 1345-1353.	0.6	5
17	THERMODYNAMIC DESIGN AND OPTIMIZATION OF A SOLAR-DISH POWERED STIRLING ENGINE. Environmental Engineering and Management Journal, 2011, 10, 1335-1343.	0.6	0
18	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

#	ARTICLE	IF	CITATIONS
19	A model for study and optimization of real-operating refrigeration machines. International Journal of Energy Research, 2009, 33, 173-179.	4.5	16
20	Optimization of the direct Carnot cycle. Applied Thermal Engineering, 2007, 27, 829-839.	6.0	65