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List of articles citing

Multi-objective optimization of a free-piston
Vuilleumier heat pump using a genetic algorithm

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Applied Thermal Engineering, 2020, 167, 114767.

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#	Paper	IF	Citations
22	Effect of printed circuit heat exchanger's different designs on the performance of supercritical carbon dioxide Brayton cycle. <i>Applied Thermal Engineering</i> , 2020 , 179, 115758	5.8	24
21	A method of analyzing the respective performances of hypothetical stirling engine and stirling cooler in Vuilleumier machine. <i>International Journal of Refrigeration</i> , 2020 , 118, 376-383	3.8	4
20	Thermal performance of an absorption-assisted two-stage ejector air-to-water heat pump. <i>Energy Conversion and Management</i> , 2021 , 230, 113761	10.6	3
19	Structure and control co-optimization for an ejector expansion heat pump coupled with thermal storages. <i>Energy and Buildings</i> , 2021 , 235, 110755	7	4
18	Towards process, environment and economic based criteria for multi-objective optimization of industrial acid gas removal process. <i>Journal of Natural Gas Science and Engineering</i> , 2021 , 88, 103800	4.6	2
17	Multi-Objective Optimization of the Vuilleumier Heat Pump under Adiabatic Condition. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 772, 012040	0.3	1
16	Design and operation optimization of multi-source complementary heating system based on air source heat pump in Tibetan area of Western Sichuan, China. <i>Energy and Buildings</i> , 2021 , 242, 110979	7	6
15	A simplified dynamic model for the prediction of displacer's free stroke in Hofbauer cycle machine. <i>International Journal of Refrigeration</i> , 2021 , 131, 1-1	3.8	0
14	Analysis of Supercritical CO ₂ Cycle Using Zigzag Channel Pre-Cooler: A Design Optimization Study Based on Deep Neural Network. <i>Energies</i> , 2021 , 14, 6227	3.1	2
13	Analysis and Optimization Study of Piston in Diesel Engine Based on ABC-OED-FE Method. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-16	1.1	
12	Cooling Cycle Optimization for a Vuilleumier Refrigerator.. <i>Entropy</i> , 2021 , 23,	2.8	4
11	Heat-Only-Driven Vuilleumier Refrigeration. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 1775	2.6	1
10	Optimized Cooling Power of a Vuilleumier Refrigerator with Limited Regeneration. <i>Energies</i> , 2021 , 14, 8376	3.1	3
9	A dual-objective trade-off approach to decide the optimum design parameters for internal cooling load calculation. <i>Energy and Buildings</i> , 2022 , 112230	7	0
8	Effects of Slotted Impeller Configurations on the Hydraulic Performance of Double-Suction Pump. <i>IOP Conference Series: Earth and Environmental Science</i> , 2022 , 1037, 012001	0.3	
7	A state of art review on applications of multi-objective evolutionary algorithms in chemicals production reactors.		0
6	Effects of temperatures on dynamic parameters of Vuilleumier machine with dwell motion based on developed third-order numerical model. 2022 ,		0

- 5 Study on performance of Vuilleumier cycle heat pump for residential heating. **2022**, 274, 116474 ○
- 4 Influence of basin water depth in the distillate yield of traditional and developed passive single basin double slope solar still. ○
- 3 Coordinated optimization of robustness and flexibility of building heating systems for demand response control considering prediction uncertainty. **2023**, 223, 120024 ○
- 2 Multi-objective optimization of thermodynamic and dynamic performance of free-piston Vuilleumier heat pump using NSGA-II. **2023**, ○
- 1 Heat transfer and flow characteristics of intermittent oscillating flow in tube. **2023**, 225, 120233 ○