

# Dynamic modeling and parameter optimization of a fre dwell-based motion

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Energy and exergy equilibrium analysis of Stirling-type thermal compressor (STC)â€™The core part in thermal-driven Vuilleumier machines. Energy Conversion and Management, 2019, 199, 111961.	4.4	13
2	Optimization of falling film thermosyphons bundle arrangement for large-scale cooling applications by genetic algorithm. Applied Thermal Engineering, 2020, 169, 114892.	3.0	7
3	Multi-objective optimization of a free-piston Vuilleumier heat pump using a genetic algorithm. Applied Thermal Engineering, 2020, 167, 114767.	3.0	23
4	State-wide comparative analysis of the cost saving potential of Vuilleumier heat pumps in residential houses. Applied Energy, 2020, 277, 115547.	5.1	9
5	Structure and control co-optimization for an ejector expansion heat pump coupled with thermal storages. Energy and Buildings, 2021, 235, 110755.	3.1	7
6	A simplified dynamic model for the prediction of displacer's free stroke in Hofbauer cycle machine. International Journal of Refrigeration, 2021, 131, 1-9.	1.8	4
7	Research on the combustion and emission characteristics of homogeneous dual cylinder free piston generator by ignition strategy. Journal of Cleaner Production, 2021, 328, 129564.	4.6	2
8	Cooling Cycle Optimization for a Vuilleumier Refrigerator. Entropy, 2021, 23, 1562.	1.1	7
9	Optimizing the Piston Paths of Stirling Cycle Cryocoolers. Journal of Non-Equilibrium Thermodynamics, 2022, 47, 195-203.	2.4	40
10	Optimized Cooling Power of a Vuilleumier Refrigerator with Limited Regeneration. Energies, 2021, 14, 8376.	1.6	9
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12	Study on performance of Vuilleumier cycle heat pump for residential heating. Energy Conversion and Management, 2022, 274, 116474.	4.4	2
13	Multi-objective optimization of thermodynamic and dynamic performance of free-piston Vuilleumier heat pump using NSGA-II. International Journal of Refrigeration, 2023, 151, 161-172.	1.8	1
14	Heat transfer and flow characteristics of intermittent oscillating flow in tube. Applied Thermal Engineering, 2023, 225, 120233.	3.0	3