Feng Wu

List of Publications by Year
in descending order

13	241	1163117 8	1125743 13
papers	citations	h-index	g-index

13	13	13	98
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Performance Analysis and Optimization for Irreversible Combined Carnot Heat Engine Working with Ideal Quantum Gases. Entropy, 2021, 23, 536.	2.2	19
2	Thermodynamic optimization for a quantum thermoacoustic refrigeration micro-cycle. Journal of Central South University, 2020, 27, 2754-2762.	3.0	1
3	Optimal Power and Efficiency of Multi-Stage Endoreversible Quantum Carnot Heat Engine with Harmonic Oscillators at the Classical Limit. Entropy, 2020, 22, 457.	2.2	18
4	Optimal power and efficiency of quantum Stirling heat engines. European Physical Journal Plus, 2017, 132, 1.	2.6	41
5	Optimal Power and Efficiency of Quantum Thermoacoustic Micro-cycle Working in 1D Harmonic Trap. Journal of Low Temperature Physics, 2017, 189, 84-97.	1.4	3
6	Thermoacoustic oscillation basing on parameter exciting. Energy, 2014, 68, 370-376.	8.8	12
7	Fundamental optimal relation of a generalised irreversible quantum Carnot heat pump with harmonic oscillators. International Journal of Ambient Energy, 2012, 33, 118-129.	2.5	8
8	Work output and efficiency of a reversible quantum Otto cycle. Thermal Science, 2010, 14, 879-886.	1.1	19
9	Ecological optimization of an irreversible quantum Carnot heat engine with spin-1/2 systems. Physica Scripta, 2010, 81, 025003.	2.5	31
10	Constructal optimization of regenerator in a thermo-acoustic engine. International Journal of Sustainable Energy, 2010, 29, 211-219.	2.4	4
11	Exergy efficiency optimization of a thermoacoustic engine with a complex heat transfer exponent. International Journal of Sustainable Energy, 2010, 29, 220-232.	2.4	7
12	Thermodynamic performance on a thermo-acoustic micro-cycle under the condition of weak gas degeneracy. Applied Energy, 2009, 86, 1119-1123.	10.1	17
13	Finite-time exergoeconomic performance bound for a quantum Stirling engine. International Journal of Engineering Science, 2000, 38, 239-247.	5.0	61