

Feng Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/812184/publications.pdf>

Version: 2024-02-01

13
papers

241
citations

1163117
8
h-index

1125743
13
g-index

13
all docs

13
docs citations

13
times ranked

98
citing authors

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