

Yuwei Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9463229/publications.pdf>

Version: 2024-02-01

14
papers

215
citations

1477746

6
h-index

1473754

9
g-index

14
all docs

14
docs citations

14
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermo-economic analysis and multi-objective optimization of S-CO ₂ Brayton cycle waste heat recovery system for an ocean-going 9000 TEU container ship. <i>Energy Conversion and Management</i> , 2020, 221, 113077.	4.4	70
2	Thermal-hydraulic performance analysis of printed circuit heat exchanger precooler in the Brayton cycle for supercritical CO ₂ waste heat recovery. <i>Applied Energy</i> , 2022, 305, 117923.	5.1	44
3	Insight into tribological problems of green ship and corresponding research progresses. <i>Friction</i> , 2018, 6, 472-483.	3.4	40
4	The application of hybrid photovoltaic system on the ocean-going ship: engineering practice and experimental research. <i>Journal of Marine Engineering and Technology</i> , 2019, 18, 56-66.	1.9	17
5	The evaluating on EEDI and fuel consumption of an inland river 800PCC integrated with solar photovoltaic system. <i>Journal of Marine Engineering and Technology</i> , 2021, 20, 77-92.	1.9	11
6	Review on the application and research progress of photovoltaics-ship power system. , 2015, , .		9
7	Power Quality Analysis for Ship-Photovoltaic Power System: A Case Study. <i>Electric Power Components and Systems</i> , 2018, 46, 1375-1386.	1.0	6
8	Thermal Hydraulic Performance Analysis of PCHE Precooler for Supercritical CO ₂ Brayton Cycle. , 2019, , .		5
9	Structural Assessment of Printed Circuit Heat Exchangers in Supercritical CO ₂ Waste Heat Recovery Systems for Ship Applications. <i>Journal of Thermal Science</i> , 2022, 31, 689-700.	0.9	5
10	An Optimized Decentralized Control Strategy of Grid-Connected Residential Photovoltaic Inverters Based on Voltage Sensitivity Matrix. , 2019, , .		2
11	Structural stress analysis of hybrid heat exchangers in the S-CO ₂ power cycle for marine waste heat recovery. <i>Thermal Science</i> , 2023, 27, 811-823.	0.5	2
12	Design and Optimization of the Inlet Header Structure in Microchannel Heat Exchanger Based on Flow Distribution Uniformity. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6604.	1.3	2
13	Theoretical model research on I-V characteristics of solar cell under the marine environment. , 2015, , .		1
14	Study on Heat Transfer and Pressure Drop Characteristics in Fin Micro Channels of Hybrid Heat Exchangers. , 2019, , .		1