Yuwei Sun

List of Publications by Year
in descending order

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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	Structural stress analysis of hybrid heat exchangers in the S-CO2 power cycle for marine waste heat recovery. Thermal Science, 2023, 27, 811-823.	0.5	2
2	Thermal-hydraulic performance analysis of printed circuit heat exchanger precooler in the Brayton cycle for supercritical CO2 waste heat recovery. Applied Energy, 2022, 305, 117923.	5.1	44
3	Structural Assessment of Printed Circuit Heat Exchangers in Supercritical CO2 Waste Heat Recovery Systems for Ship Applications. Journal of Thermal Science, 2022, 31, 689-700.	0.9	5
4	Design and Optimization of the Inlet Header Structure in Microchannel Heat Exchanger Based on Flow Distribution Uniformity. Applied Sciences (Switzerland), 2022, 12, 6604.	1.3	2
5	The evaluating on EEDI and fuel consumption of an inland river 800PCC integrated with solar photovoltaic system. Journal of Marine Engineering and Technology, 2021, 20, 77-92.	1.9	11
6	Thermo-economic analysis and multi-objective optimization of S-CO2 Brayton cycle waste heat recovery system for an ocean-going 9000 TEU container ship. Energy Conversion and Management, 2020, 221, 113077.	4.4	70
7	The application of hybrid photovoltaic system on the ocean-going ship: engineering practice and experimental research. Journal of Marine Engineering and Technology, 2019, 18, 56-66.	1.9	17
8	An Optimized Decentralized Control Strategy of Grid-Connected Residential Photovoltaic Inverters Based on Voltage Sensitivity Matrix. , 2019, , .		2
9	Thermal Hydraulic Performance Analysis of PCHE Precooler for Supercritical CO₂ Brayton Cycle. , 2019, , .		5
10	Study on Heat Transfer and Pressure Drop Characteristics in Fin Micro Channels of Hybrid Heat Exchangers. , 2019, , .		1
11	Insight into tribological problems of green ship and corresponding research progresses. Friction, 2018, 6, 472-483.	3.4	40
12	Power Quality Analysis for Ship-Photovoltaic Power System: A Case Study. Electric Power Components and Systems, 2018, 46, 1375-1386.	1.0	6
13	Theoretical model research on I-V characteristics of solar cell under the marine environment. , 2015, , .		1
14	Review on the application and research progress of photovoltaics-ship power system. , 2015, , .		9