

Yulong Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

890
citations

331670

21
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

442
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on thermoelectric performance and power consumption characteristics of flat-plate thermoelectric generator. <i>Energy Reports</i> , 2022, 8, 369-373.	5.1	1
2	Experimental study on the effect of core flow heat transfer enhancement on the performance of TEG. <i>Energy Reports</i> , 2022, 8, 575-580.	5.1	10
3	Performance analysis of a solar photovoltaic power generation system with spray cooling. <i>Case Studies in Thermal Engineering</i> , 2022, 29, 101723.	5.7	28
4	Experimental investigation of heat pipe thermoelectric generator. <i>Energy Conversion and Management</i> , 2022, 252, 115123.	9.2	51
5	Structural optimization of thermoelectric modules in a concentration photovoltaic-thermoelectric hybrid system. <i>Energy</i> , 2022, 244, 123202.	8.8	58
6	Effect of environmental factors on a vaporizer with thermoelectric modules for LNG cold energy utilization. <i>Energy Reports</i> , 2022, 8, 105-110.	5.1	0
7	Experimental study of thermoelectric generator with different numbers of modules for waste heat recovery. <i>Applied Energy</i> , 2022, 322, 119523.	10.1	42
8	Analysis of optimal humidification temperature for a flue gas thermoelectric generation system with gas humidification. <i>Journal of Cleaner Production</i> , 2021, 285, 125467.	9.3	3
9	Experimental study on heat transfer and power consumption of low-pressure spray cooling. <i>Applied Thermal Engineering</i> , 2021, 184, 116253.	6.0	21
10	Thermoelectric performance of an exhaust waste heat recovery system based on intermediate fluid under different cooling methods. <i>Case Studies in Thermal Engineering</i> , 2021, 23, 100811.	5.7	17
11	Experimental study on thermoelectric power generation based on cryogenic liquid cold energy. <i>Energy</i> , 2021, 220, 119746.	8.8	67
12	Characteristics analysis of an exhaust thermoelectric generator system with heat transfer fluid circulation. <i>Applied Energy</i> , 2021, 304, 117896.	10.1	24
13	Effect of exhaust parameters on performance of intermediate fluid thermoelectric generator. <i>Case Studies in Thermal Engineering</i> , 2021, 28, 101480.	5.7	7
14	Performance analysis of vaporizer tube with thermoelectric generator applied to cold energy recovery of liquefied natural gas. <i>Energy Conversion and Management</i> , 2019, 200, 112112.	9.2	24
15	Performance investigation of an intermediate fluid thermoelectric generator for automobile exhaust waste heat recovery. <i>Applied Energy</i> , 2019, 239, 425-433.	10.1	72
16	Effects of extended surface and surface gold plating on condensation characteristics of steam with large amount of CO ₂ . <i>Experimental Thermal and Fluid Science</i> , 2018, 92, 13-19.	2.7	29
17	Energy and exergy analysis of thermoelectric generator system with humidified flue gas. <i>Energy Conversion and Management</i> , 2018, 156, 140-149.	9.2	33
18	Performance analysis of a solar thermoelectric generation (STEG) system with spray cooling. <i>Energy Conversion and Management</i> , 2018, 177, 661-670.	9.2	31

#	ARTICLE	IF	CITATIONS
19	Experimental study on heat transfer enhancement of gas tube partially filled with metal foam. <i>Experimental Thermal and Fluid Science</i> , 2018, 97, 408-416.	2.7	22
20	Performance analysis of a thermoelectric generator applied to wet flue gas waste heat recovery. <i>Applied Energy</i> , 2018, 228, 2080-2089.	10.1	23
21	Effect of a ribbed surface on the water transfer characteristics of a porous plate. <i>International Journal of Heat and Mass Transfer</i> , 2018, 127, 55-58.	4.8	7
22	Performance analysis of automobile exhaust thermoelectric generator system with media fluid. <i>Energy Conversion and Management</i> , 2018, 171, 427-437.	9.2	38
23	Experimental Study on the Influence of the Core Flow Heat Transfer Enhancement on the Performance of Thermoelectric Generator. <i>Energy Procedia</i> , 2017, 105, 901-907.	1.8	3
24	Thermoelectric Power Generation Using LNG Cold Energy and Flue Gas Heat. <i>Energy Procedia</i> , 2017, 105, 1932-1935.	1.8	10
25	Experimental study on the influence of porous foam metal filled in the core flow region on the performance of thermoelectric generators. <i>Applied Energy</i> , 2017, 207, 634-642.	10.1	57
26	Analysis of thermoelectric generation characteristics of flue gas waste heat from natural gas boiler. <i>Energy Conversion and Management</i> , 2017, 148, 820-829.	9.2	41
27	Performance analysis of wet flue-gas thermoelectric generator. <i>Energy Procedia</i> , 2017, 142, 148-153.	1.8	3
28	Structural size optimization on an exhaust exchanger based on the fluid heat transfer and flow resistance characteristics applied to an automotive thermoelectric generator. <i>Energy Conversion and Management</i> , 2016, 129, 240-249.	9.2	39
29	Condensation of steam with high CO ₂ concentration on a vertical plate. <i>Experimental Thermal and Fluid Science</i> , 2016, 75, 147-155.	2.7	35
30	Effects of heat transfer characteristics between fluid channels and thermoelectric modules on optimal thermoelectric performance. <i>Energy Conversion and Management</i> , 2016, 113, 201-208.	9.2	23
31	Hydraulic performance of a new district heating systems with distributed variable speed pumps. <i>Applied Energy</i> , 2013, 112, 876-885.	10.1	71