

Xinxin Zhang

List of Publications by Year in descending order

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18
papers

717
citations

933447

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888059

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all docs

18
docs citations

18
times ranked

599
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic and Economic Studies of a Combined Cycle for Waste Heat Recovery of Marine Diesel Engine. <i>Journal of Thermal Science</i> , 2022, 31, 417-435.	1.9	6
2	Modification of Kalina cycle system 34g by replacing throttle valve with single-screw expander. <i>Thermal Science</i> , 2022, 26, 3667-3675.	1.1	0
3	Development status and some considerations on Energy Internet construction in Beijing-Tianjin-Hebei region. <i>Heliyon</i> , 2022, 8, e08722.	3.2	6
4	Performance of Kalina cycle with single-screw expander for low-temperature geothermal energy utilization. <i>Applied Thermal Engineering</i> , 2022, 210, 118364.	6.0	9
5	Evaluation and selection of dry and isentropic working fluids based on their pump performance in small-scale organic Rankine cycle. <i>Applied Thermal Engineering</i> , 2021, 191, 116919.	6.0	21
6	Impact of COVID-19 pandemic on energy consumption and carbon dioxide emissions in China's transportation sector. <i>Case Studies in Thermal Engineering</i> , 2021, 26, 101091.	5.7	43
7	Charging system analysis, energy consumption, and carbon dioxide emissions of battery electric buses in Beijing. <i>Case Studies in Thermal Engineering</i> , 2021, 26, 101197.	5.7	11
8	Performance Improvement of KCS (Kalina Cycle System) 34 by Replacing Throttle Valve With Single-Screw Expander. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	1
9	Zeotropic Mixture Selection for an Organic Rankine Cycle Using a Single Screw Expander. <i>Energies</i> , 2020, 13, 1022.	3.1	6
10	New classification of dry and isentropic working fluids and a method used to determine their optimal or worst condensation temperature used in Organic Rankine Cycle. <i>Energy</i> , 2020, 201, 117722.	8.8	19
11	Working Fluid Selection for Organic Rankine Cycle Using Single-Screw Expander. <i>Energies</i> , 2019, 12, 3197.	3.1	24
12	Selection and Evaluation of Dry and Isentropic Organic Working Fluids Used in Organic Rankine Cycle Based on the Turning Point on Their Saturated Vapor Curves. <i>Journal of Thermal Science</i> , 2019, 28, 643-658.	1.9	33
13	Economic Analysis of Organic Rankine Cycle Using R123 and R245fa as Working Fluids and a Demonstration Project Report. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 288.	2.5	27
14	An organic group contribution approach to radiative efficiency estimation of organic working fluid. <i>Applied Energy</i> , 2016, 162, 1205-1210.	10.1	5
15	Numerical study of radiation effect on the municipal solid waste combustion characteristics inside an incinerator. <i>Waste Management</i> , 2015, 44, 116-124.	7.4	9
16	A new method used to evaluate organic working fluids. <i>Energy</i> , 2014, 67, 363-369.	8.8	16
17	A review of research on the Kalina cycle. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 5309-5318.	16.4	331
18	A combined thermodynamic cycle used for waste heat recovery of internal combustion engine. <i>Energy</i> , 2011, 36, 6821-6829.	8.8	150