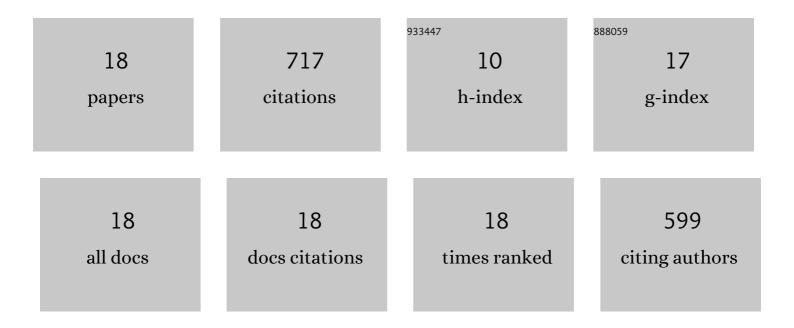
Xinxin Zhang

List of Publications by Year in descending order

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Χινιχίνι Ζηλνις

#	Article	IF	CITATIONS
1	Thermodynamic and Economic Studies of a Combined Cycle for Waste Heat Recovery of Marine Diesel Engine. Journal of Thermal Science, 2022, 31, 417-435.	1.9	6
2	Modification of Kalina cycle system 34g by replacing throttle valve with single-screw expander. Thermal Science, 2022, 26, 3667-3675.	1.1	0
3	Development status and some considerations on Energy Internet construction in Beijing-Tianjin-Hebei region. Heliyon, 2022, 8, e08722.	3.2	6
4	Performance of Kalina cycle with single-screw expander for low-temperature geothermal energy utilization. Applied Thermal Engineering, 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. Applied Thermal Engineering, 2021, 191, 116919.	6.0	21
6	Impact of COVID-19 pandemic on energy consumption and carbon dioxide emissions in China's transportation sector. Case Studies in Thermal Engineering, 2021, 26, 101091.	5.7	43
7	Charging system analysis, energy consumption, and carbon dioxide emissions of battery electric buses in Beijing. Case Studies in Thermal Engineering, 2021, 26, 101197.	5.7	11
8	Performance Improvement of KCS (Kalina Cycle System) 34 by Replacing Throttle Valve With Single-Screw Expander. Frontiers in Energy Research, 2021, 9, .	2.3	1
9	Zeotropic Mixture Selection for an Organic Rankine Cycle Using a Single Screw Expander. Energies, 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. Energy, 2020, 201, 117722.	8.8	19
11	Working Fluid Selection for Organic Rankine Cycle Using Single-Screw Expander. Energies, 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. Journal of Thermal Science, 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. Applied Sciences (Switzerland), 2019, 9, 288.	2.5	27
14	An organic group contribution approach to radiative efficiency estimation of organic working fluid. Applied Energy, 2016, 162, 1205-1210.	10.1	5
15	Numerical study of radiation effect on the municipal solid waste combustion characteristics inside an incinerator. Waste Management, 2015, 44, 116-124.	7.4	9
16	A new method used to evaluate organic working fluids. Energy, 2014, 67, 363-369.	8.8	16
17	A review of research on the Kalina cycle. Renewable and Sustainable Energy Reviews, 2012, 16, 5309-5318.	16.4	331
18	A combined thermodynamic cycle used for waste heat recovery of internal combustion engine. Energy, 2011. 36. 6821-6829.	8.8	150