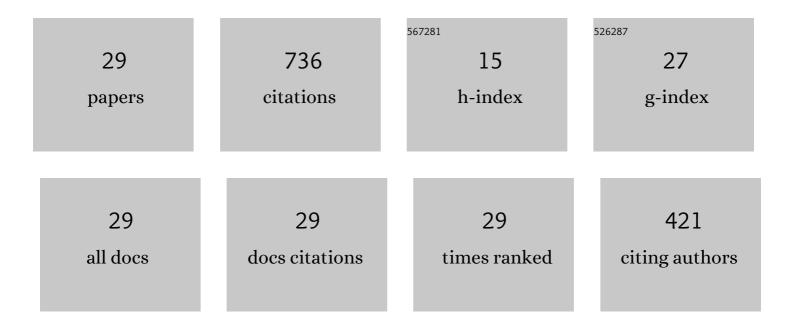
Tai-lu Li

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Thermodynamic and economic evaluation of the organic Rankine cycle (ORC) and two-stage series organic Rankine cycle (TSORC) for flue gas heat recovery. Energy Conversion and Management, 2019, 183, 816-829.	9.2	112
2	Two-stage evaporation strategy to improve system performance for organic Rankine cycle. Applied Energy, 2015, 150, 323-334.	10.1	100
3	Cascade utilization of low temperature geothermal water in oilfield combined power generation, gathering heat tracing and oil recovery. Applied Thermal Engineering, 2012, 40, 27-35.	6.0	70
4	Techno-economic performance comparison of enhanced geothermal system with typical cycle configurations for combined heating and power. Energy Conversion and Management, 2020, 205, 112409.	9.2	51
5	Techno-economic performance of two-stage series evaporation organic Rankine cycle with dual-level heat sources. Applied Thermal Engineering, 2020, 171, 115078.	6.0	37
6	Strengthening mechanisms of two-stage evaporation strategy on system performance for organic Rankine cycle. Energy, 2016, 101, 532-540.	8.8	36
7	Thermodynamic and techno-economic performance comparison of two-stage series organic Rankine cycle and organic Rankine flash cycle for geothermal power generation from hot dry rock. Applied Thermal Engineering, 2022, 200, 117715.	6.0	36
8	Experimental comparison of R245fa and R245fa/R601a for organic Rankine cycle using scroll expander. International Journal of Energy Research, 2015, 39, 202-214.	4.5	35
9	Comparative analysis of series and parallel geothermal systems combined power, heat and oil recovery in oilfield. Applied Thermal Engineering, 2013, 50, 1132-1141.	6.0	31
10	Performance enhancement of organic Rankine cycle with two-stage evaporation using energy and exergy analyses. Geothermics, 2017, 65, 126-134.	3.4	31
11	Energetic and exergetic performance of a novel polygeneration energy system driven by geothermal energy and solar energy for power, hydrogen and domestic hot water. Renewable Energy, 2021, 175, 318-336.	8.9	22
12	Synergetic cascade-evaporation mechanism of a novel building distributed energy supply system with cogeneration and temperature and humidity independent control characteristics. Energy Conversion and Management, 2020, 209, 112620.	9.2	21
13	Techno-economic performance of multi-generation energy system driven by associated mixture of oil and geothermal water for oilfield in high water cut. Geothermics, 2021, 89, 101991.	3.4	20
14	Entransy dissipation/loss-based optimization of two-stage organic Rankine cycle (TSORC) with R245fa for geothermal power generation. Science China Technological Sciences, 2016, 59, 1524-1536.	4.0	19
15	Performance improvement of two-stage serial organic Rankine cycle (TSORC) integrated with absorption refrigeration (AR) for geothermal power generation. Geothermics, 2017, 69, 110-118.	3.4	15
16	Thermodynamic, economic, and environmental performance comparison of typical geothermal power generation systems driven by hot dry rock. Energy Reports, 2022, 8, 2762-2777.	5.1	13
17	Performance analysis and improvement of geothermal binary cycle power plant in oilfield. Journal of Central South University, 2013, 20, 457-465.	3.0	12
18	Thermodynamic optimization and fluid selection of organic Rankine cycle driven by a latent heat source. Journal of Central South University, 2017, 24, 2829-2841.	3.0	12

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#	Article	IF	CITATIONS
19	Energy, economic and environmental evaluation of a novel combined cooling and power system characterized by temperature and humidity independent control. Energy Conversion and Management, 2020, 215, 112929.	9.2	12
20	Thermodynamic performance comparison of series and parallel two-stage evaporation vapor compression refrigeration cycle. Energy Reports, 2021, 7, 1616-1626.	5.1	12
21	Structural improvement and thermodynamic optimization of a novel supercritical CO2 cycle driven by hot dry rock for power generation. Energy Conversion and Management, 2021, 235, 114014.	9.2	9
22	Experimental Investigation on Characteristics of Evaporator Vaporization and Pressure Drops in an Organic Rankine Cycle (ORC). Energy Procedia, 2015, 75, 1631-1638.	1.8	7
23	Coupling effect of evaporation and condensation processes of organic Rankine cycle for geothermal power generation improvement. Journal of Central South University, 2019, 26, 3372-3387.	3.0	7
24	A thermodynamics comparison of subcritical and transcritical organic Rankine cycle system for power generation. Journal of Central South University, 2015, 22, 3641-3649.	3.0	6
25	Arrangement strategy of ground heat exchanger with groundwater. Transactions of Tianjin University, 2012, 18, 291-297.	6.4	5
26	Parametric optimization of organic Rankine cycle with R245fa/R601a as working fluid. Transactions of Tianjin University, 2015, 21, 69-75.	6.4	3
27	Evaluation of the Integrated Characteristics on Combustion and Drying Using Element Analysis. Energy & Fuels, 2014, 28, 4421-4430.	5.1	1
28	The Coupled Effects of Dryness and Nonâ€condensable Gas Content of Geothermal Fluid on the Power Generation Potential of an Enhanced Geothermal System. Acta Geologica Sinica, 2021, 95, 1948-1957.	1.4	1
29	Series and Parallel Strategies of Combined Heating, Power and Oil Recovery for Oilfields in High Water Cut Period. Mathematical Geosciences. 2020, 52, 565-592.	2.4	0