

Oleksii Volovyk

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

224
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of an experimental ejector refrigeration machine operating with refrigerant R245fa at design and off-design working conditions. Part 2. Theoretical and experimental results. International Journal of Refrigeration, 2015, 55, 212-223.	3.4	60
2	Investigation of an experimental ejector refrigeration machine operating with refrigerant R245fa at design and off-design working conditions. Part 1. Theoretical analysis. International Journal of Refrigeration, 2015, 55, 201-211.	3.4	55
3	Theoretical analysis and optimization of a hybrid CO ₂ transcritical mechanical compression + ejector cooling cycle. International Journal of Refrigeration, 2017, 74, 86-94.	3.4	39
4	An improved cascade mechanical compression + ejector cooling cycle. Energy, 2019, 170, 459-470.	8.8	25
5	Hybrid two-stage + transcritical mechanical compression + ejector cooling cycle: Thermodynamic analysis and optimization. International Journal of Refrigeration, 2021, 132, 45-55.	3.4	15
6	Theoretical study and design of a low-grade heat-driven pilot ejector refrigeration machine operating with butane and isobutane and intended for cooling of gas transported in a gas-main pipeline. International Journal of Refrigeration, 2011, 34, 1699-1706.	3.4	14
7	Thermodynamic analysis of ejector cooling cycles with heat-driven feed pumping devices. Energy, 2019, 186, 115892.	8.8	6
8	Performance analysis of a two-stage mechanical compression + ejector cooling cycle intended for micro-trigeneration system. International Journal of Refrigeration, 2017, 81, 33-40.	3.4	5
9	Experimental Investigation of the Ejector Refrigeration Cycle for Cascade System Application. Journal of Thermal Science, 2022, 31, 1476-1486.	1.9	5
10	Thermodynamic analysis and optimization of a hybrid CO ₂ transcritical mechanical compression + ejector cooling cycle. International Journal of Refrigeration, 2017, 74, 86-94.	3.4	39