

Experimental Investigation of Capillary Tube Length Variations on the Performance of an R32-R_{600a} Cascade Refrigeration System Using a Concentric Tube Heat Exchanger

ORIGINALITY REPORT

10%

SIMILARITY INDEX

5%

INTERNET SOURCES

8%

PUBLICATIONS

2%

STUDENT PAPERS

PRIMARY SOURCES

- 1 Lea Di Donato, Alice Mugnini, Flavio Caresana, Fabio Polonara, Alessia Arteconi. "Charg reduction analysis in a water-cooling machine working with R290", International Journal of Refrigeration, 2024
Publication
- 2 vdocuments.mx
Internet Source
- 3 Yishuang Liu, Shengli Qu, Shaofeng Shen, Yiwei Feng, Tianrui Sun, Chuang Wang, Ziwei Xing. "Experimental investigation on the large temperature lift heat pump with an integrated two-stage independently variable frequency compressor", Energy, 2025
Publication
- 4 Kilicarslan, A.. "Energy and irreversibility analysis of a cascade refrigeration system for various refrigerant couples", Energy Conversion and Management, 201012
Publication
- 5 Hamid Ikram, Adeel Javed, Mariam Mehmood, Musannif Shah, Majid Ali, Adeel Waqas. "Techno-economic evaluation of a solar PV integrated refrigeration system for a cold storage facility", Sustainable Energy Technologies and Assessments, 2021
Publication
- 6 chooesanford.com
Internet Source
- 7 mechta.ub.ac.id
Internet Source
- 8 repository.its.ac.id
Internet Source
- 9 www.coursehero.com
Internet Source
- 10 G. Santhoshkumar, Priyanka Ghosh. "Seismic Stability of a Broken-Back Retaining Wall Using Adaptive Collapse Mechanism", International Journal of Geomechanics, 2020
Publication
- 11 Submitted to Universitas 17 Agustus 1945 Surabaya
Student Paper

12 Submitted to Università degli Studi di Trieste
Student Paper

13 Nurullia Febriati, Sri Hidayati, Diki Danar Tri Winanti, Novita Herdiana. "Analysis of The Implementation of Halal Product Assurance System Criteria at ABS Restaurant in Bandar Lampung", JURNAL AGROINDUSTRI HALAL, 2026
Publication

14 Submitted to Cardiff University
Student Paper

15 Abhishek Tiwari, Shruti Aggarwal, Sourabh Anand. "Comparative study of compound parabolic concentrator - photovoltaic thermal – thermoelectric generator (CPC-PVT-TEC collector integrated with vapour absorption refrigeration (VAR) system", Energy Source Part A: Recovery, Utilization, and Environmental Effects, 2023
Publication

16 Royyan Firdaus, Supardi. "Analysis of the impact of expansion valve pressure variation on the performance of an r-22 split air conditioning system", Journal of Physics: Conference Series, 2026
Publication

17 core.ac.uk
Internet Source

18 docplayer.info
Internet Source

19 Ashraf Mimi Elsaid. "A novel design, implementation and performance evaluation of the first electronic expansion ejector for energy saving of a mini split air conditioner controlled by inverter", Energy Conversion and Management, 2022
Publication

20 Nilahayati ., Deshinta Arrova Dewi, Nanda ., Rosnina ., Khaidir ., Klodian Dhoska, Swapri Donepudi. "Identification of Promising Mutants in Gamma-Irradiated M2 Generation of Soybean Line based on Morpho-Agronomic Traits", Agricultural Science Digest - A Research Journal, 2026
Publication

21 Salah Bouktif, Ali Ahmad, Mohamed Adel Serhani. "Enhanced Deep Reinforcement Learning for Balancing Energy Efficiency and Occupant Comfort", 2024 IEEE 12th International Conference on Smart Energy Grid Engineering (SEGE), 2024
Publication

22 Tariq A.R Diab, John Gephart. "Compressor technologies for low temperature applications of R-22", International Journal of Refrigeration, 1991
Publication

23 ejournal.unsri.ac.id
Internet Source