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International Researcher IDs

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Research Areas

Mechanical Engineering, Fluid Mechanics, Thermodynamics, Heat and Mass Transfer, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yıldız Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Single-phase flow heat transfer characteristics in helically coiled tube heat exchangers**
Akgül D., Kırkar Ş. M. , Onal B. S. , Celen A., Dalkılıç A. S. , Wongwises S.
Kerntechnik, vol.87, no.1, pp.1-25, 2022 (Peer-Reviewed Journal)
- II. **Heat transfer and pressure drop characteristics of two phase flow in helical coils**
Onal B. S. , Kırkar Ş. M. , Akgül D., Celen A., Açıkgöz Ö., Dalkılıç A. S. , Kazi S. N. , Wongwises S.
Thermal Science and Engineering Progress, vol.27, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **EXPERIMENTAL SETUP DESIGN FOR INVESTIGATION OF FLOW BOILING HEAT TRANSFER CHARACTERISTICS OF R-134A IN HELICALLY COILED TUBES WITH SMOOTH AND CORRUGATED SURFACES**
Kırkar Ş. M. , Dalkılıç A. S.
6th International Conference on Advances in Mechanical Engineering, İstanbul, Turkey, 20 - 22 October 2021, pp.605-610
- II. **BRIEF LITERATURE REVIEW ON THE CONDENSATION HEAT TRANSFER CHARACTERISTICS OF HELICAL COILS**
ÖNAL B. S. , KIRKAR Ş. M. , Akgül D., CELEN A., AÇIKGÖZ Ö., DALKILIÇ A. S. , Wongwises S.
5TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2019, İstanbul, Turkey, 17 - 19 December 2019

III. BRIEF LITERATURE REVIEW ON THE FLOW BOILING HEAT TRANSFER CHARACTERISTICS OF HELICAL COILS

KIRKAR Ş. M. , Akgül D., ÖNAL B. S. , DALKILIÇ A. S. , Wongwises S.

5TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2019, İstanbul, Turkey, 17 - 19 December 2019

IV. BRIEF LITERATURE REVIEW ON THE SINGLE-PHASE FLOW HEAT TRANSFER CHARACTERISTICS OF HELICAL COILS

Akgül D., KIRKAR Ş. M. , ÖNAL B. S. , CELEN A., AÇIKGÖZ Ö., DALKILIÇ A. S. , Wongwises S.

5TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2019, İstanbul, Turkey, 17 - 19 December 2019

V. NUMERICAL INVESTIGATION ON HEAT TRANSFER AND PRESSURE DROP CHARACTERISTICS OF HELICALLY COILED HEAT EXCHANGERS

Kırkar Ş. M. , İren K., Gönül A., Celen A., Dalkılıç A. S.

World Energy Strategies Congress and Exhibition (WESCE-2019), İstanbul, Turkey, 26 - 28 August 2019

Metrics

Publication: 7

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