

Res. Asst. Alişan GÖNÜL

Personal Information

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Education Information

Doctorate, Yildiz Technical University, Fen Bilimleri, Isı Ve Proses Tekniği, Turkey 2014 - Continues

Postgraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği, Turkey 2012 - 2014

Undergraduate, Inonu University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 2005 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Çini Kurutmasının İncelenmesi, Yıldız Teknik Üniversitesi, Makine Mühendisliği, Makine Mühendisliği/ Isı- Proses, 2014

Research Areas

Mechanical Engineering, Energy, Wind power, Thermodynamics, Heat and Mass Transfer, Computational fluid dynamics, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği, 2012 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of heat transfer in tandem and staggered arrangement of wires on single layer wire-on-tube condensers in cross-flow**
Gönül A., Ağra Ö.
INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER, vol.158, 2020 (SCI-Expanded)
- II. **Experimental and numerical investigation of air-side forced convection on wire-on-tube condensers**
GÖNÜL A., AĞRA Ö., ATAYILMAZ Ş. Ö., DEMİR H., SEVİNDİR M. K., TEKE İ.
International Journal of Thermal Sciences, vol.151, 2020 (SCI-Expanded)
- III. **EVALUATION OF DRYING KINETICS OF SLURRED CERAMIC RAW MATERIALS**
AĞRA Ö., GÖNÜL A.

Articles Published in Other Journals

- I. **A case study on the modeling and simulation of UAVs**
KOÇ O. K., SERTKAYA A., GÖNÜL A., TANER T., DALKILIÇ A. S.
Journal of Thermal Engineering, vol.10, no.1, pp.164-174, 2024 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **A research on heat transfer characteristics of hairpin heat exchangers numerically**
Dallı O., DALKILIÇ A. S., GÖNÜL A., İren K., TANER T.
5. Uluslararası Mühendislik Mimarlık ve Tasarım Kongresi, 23 - 24 April 2019
- II. **FARKLI TEL ÇAPLARINA GÖRE TELLİ TİP YOĞUŞTURUCULARDA HAVA TARAFI ISI GEÇİŞİNİN SAYISAL İNCELENMESİ**
GÖNÜL A., SEVİNDİR M. K., AĞRA Ö., DEMİR H., ATAYILMAZ Ş. Ö.
4 Uluslararası Katılımlı Anadolu Enerji Sempozyumu, 18 - 20 April 2018
- III. **THE DETERMINATION OF THE BEST CFD MODELS FOR CALCULATION OF AIR-SIDE HEAT TRANSFER ON WIRE-ON-TUBE TYPE CONDENSERS**
GÖNÜL A., DEMİREL E., GÜNERİ B., GEZE E., DEMİR H., ATAYILMAZ Ş. Ö., AĞRA Ö.
3rd INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2017, İstanbul, Turkey, 19 - 21 December 2017
- IV. **Numerical Modeling Of Horizontal Ground Source Heat Pump System For Snow Melting On Pavements**
KAYACI N., GÖNÜL A., DEMİR H., ATAYILMAZ Ş. Ö., SEVİNDİR M. K.
2nd International Conference on Mechanical and Aeronautical Engineering, 13 - 14 July 2016
- V. **Comparison of Different Electricity Demand Forecast Models in Turkey**
KARAKOYUN Y., DÖNMEZ A. H., YUMURTACI Z., GÖNÜL A.
International Conference on Energy Systems, İstanbul, Turkey, 23 December 2015, pp.100-107
- VI. **DRYING CHARACTERISTICS OF ÇINI CERAMIC RAW MATERIALS IN A CONVECTIVE DRYER**
GÖNÜL A., AĞRA Ö.
19th International Drying Symposium (IDS 2014), Lyon, France, 24 August 2014, pp.15-20
- VII. **Drying Kinetics of kiwi fruits**
GÖNÜL A., AĞRA Ö., SEVİNDİR M. K., ATAYILMAZ Ş. Ö., DEMİR H.
19th International Drying Symposium (IDS 2014) Lyon, France, 24 - 27 August 2014
- VIII. **Comparative Economical Analysis of Air and Ground Source Heat Pumps for Different Climatic Regions of Turkey**
GÖNÜL A.
11th International HVAC+R Technology Symposium, İstanbul, Turkey, 08 May 2014, pp.1-5
- IX. **Thermo-economical optimization of ground source heat pump with horizontal ground heat exchangers for a heating season in Istanbul: A case study**
DEMİR H., GÖNÜL A., Kayaci N., ATAYILMAZ Ş. Ö., AĞRA Ö.
ASME 2014 4th Joint US-European Fluids Engineering Division Summer Meeting, FEDSM 2014, Collocated with the ASME 2014 12th International Conference on Nanochannels, Microchannels, and Minichannels, Illinois, United States Of America, 3 - 07 August 2014

Supported Projects

AĞRA Ö., SEVİNDİR M. K., GÖNÜL A., TEKE İ., ATAYILMAZ Ş. Ö., DEMİR H., Project Supported by Higher Education Institutions, Endüstriyel soğutucularda kullanılan telli kondenserlerin performanslarının iyileştirilmesi, 2017 - 2019

Metrics

Publication: 15

Citation (WoS): 6

Citation (Scopus): 11

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