

DR. ÖĞR. ALIŞAN GÖNÜL
ÜYESİ



Kişisel Bilgiler

Eposta: alisangonul@siirt.edu.tr

Birimi : TERMODİNAMİK

Dahili : -

Makaleler (YOKSIS)

- 1
ÖZMAN SAY NESLİHAN, GÖNÜL ALIŞAN, ÇELİK İSMAİL, ARSLANER EVREN, DÖNER BURAK
,
- 2 **A case study on the modeling and simulation of UAVs**
Koç Osman Kerem, SERTKAYA ALI, GÖNÜL ALIŞAN, TANER TOLGA, DALKILIÇ AHMET SELİM
Journal of Thermal Engineering, <http://dx.doi.org/10.18186/thermal.1429773>
- 3 **A parametric study on weld zone shape of resistance spot welded 22MnB5 steel**
TUNÇEL OĞUZ, AYDIN HAKAN, GÖNÜL ALIŞAN
Welding International, <http://dx.doi.org/10.1080/09507116.2023.2200152>
- 4 **A sensitivity analysis of the effect of curvature ratio on the thermal-hydraulic performance in helically coiled tubes with corrugated walls**
KIRKAR ŞAFAK METİN, GÖNÜL ALIŞAN, DALKILIÇ AHMET SELİM
International Journal of Thermal Sciences, <http://dx.doi.org/10.1016/j.ijthermalsci.2023.108300>
- 5 **Assessment of heat transfer characteristics of a corrugated heat exchanger based on various corrugation parameters using artificial neural network approach**
ÇOLAK ANDAÇ BATUR, KIRKAR ŞAFAK METİN, GÖNÜL ALIŞAN, DALKILIÇ AHMET SELİM
International Journal of Heat and Fluid Flow, <http://dx.doi.org/10.1016/j.ijheatfluidflow.2024.109455>
- 6 **Enhanced performance of a microchannel with rectangular vortex generators**
GÖNÜL ALIŞAN, OKBAZ ABDULKERİM
Journal of Thermal Engineering, <http://dx.doi.org/10.18186/thermal.1272395>
- 7 **Enhancement of heat transfer characteristics in wavy microchannel heat sinks with streamlined micropins within convergent-divergent flow passages**
GÖNÜL ALIŞAN
Applied Thermal Engineering, <http://dx.doi.org/10.1016/j.applthermaleng.2024.124574>

- 7
- 8 **Enhancement of thermal and flow characteristics in helically coiled tubes with corrugated surfaces by Genetic Algorithm based optimization**
KIRKAR ŞAFAK METİN, GÖNÜL ALIŞAN, DALKILIÇ AHMET SELİM
International Journal of Heat and Fluid Flow, <http://dx.doi.org/10.1016/j.ijheatfluidflow.2024.109305>
- 9 **EVALUATION OF DRYING KINETICS OF SLURRED CERAMIC RAW MATERIALS**
AĞRA ÖZDEN, GÖNÜL ALIŞAN
ISI Bilimi ve Teknigi Dergisi-Journal of Thermal Science and Technology, <https://dergipark.org.tr/en/download/article-file/400699>
- 10 **Evaluation of Exergy Destructions of Different Refrigerants in a Vaccine Cooling System with Artificial Intelligence**
ALTINTAŞ KAHRİMAN ELİF, GÖNÜL ALIŞAN, KÖSE ALİ, PARMAKSIZOĞLU CEM İSMAİL
International Journal of Exergy, 10.1504/IJEX.2024.140174
- 11 **Experimental and numerical investigation of air-side forced convection on wire-on-tube condensers**
GÖNÜL ALIŞAN, AĞRA ÖZDEN, ATAYILMAZ ŞEVKET ÖZGÜR, DEMİR HAKAN, SEVİNDİR MUSTAFA KEMAL, TEKE İSMAİL
International Journal of Thermal Sciences, <https://linkinghub.elsevier.com/retrieve/pii/S1290072919309433>
- 12 **Flow optimization in a microchannel with vortex generators using genetic algorithm**
GÖNÜL ALIŞAN, OKBAZ ABDULKERİM, KAYACI NURULLAH, DALKILIÇ AHMET SELİM
Applied Thermal Engineering, <https://www.sciencedirect.com/science/article/pii/S1359431121011625>
- 13 **Investigation of heat transfer in tandem and staggered arrangement of wires on single layer wire-on-tube condensers in cross-flow**
GÖNÜL ALIŞAN, AĞRA ÖZDEN
International Journal of Heat and Mass Transfer, <https://linkinghub.elsevier.com/retrieve/pii/S0017931020309236>
- 14 **Multi-objective optimization of single-phase flow heat transfer characteristics in corrugated tubes**
KIRKAR ŞAFAK METİN, GÖNÜL ALIŞAN, CELEN ALİ, DALKILIÇ AHMET SELİM
International Journal of Thermal Sciences, <http://dx.doi.org/10.1016/j.ijthermalsci.2022.108119>
- 15 **Novel air duct designs to estimate the windshield demisting issue for a commercial vehicle**
Akgünlü Şafak, Özcan Onur, BACAĞ AYKUT, GÖNÜL ALIŞAN, TANER TOLGA, DALKILIÇ AHMET SELİM
SAGE Publications, <http://dx.doi.org/10.1177/09544070231219727>
- 16 **Prediction of heat transfer characteristics in a microchannel with vortex generators by machine learning**
GÖNÜL ALIŞAN, ÇOLAK ANDAÇ BATUR, KAYACI NURULLAH, OKBAZ ABDULKERİM, DALKILIÇ AHMET SELİM
Kerntechnik, <http://dx.doi.org/10.1515/kern-2022-0075>
- 17 **Pressure Drop and Heat Transfer Characteristics in a Microchannel with Pin-Fins**
GÖNÜL ALIŞAN, Karayiannis Tassos G.
Journal of Fluid Flow, Heat and Mass Transfer, <http://dx.doi.org/10.11159/jffhmt.2024.019>

18 Yatay Pürüzsüz Borularda Yoğuşmadaki Nusselt Sayısının Belirlenmesi için Yapay Sinir Ağ Teknikleri

SEVİNDİR MUSTAFA KEMAL, GÖNÜL ALIŞAN, ÇEBİ ALİCAN, MERCAN HATİCE

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü
Dergisi, <https://dergipark.org.tr/tr/doi/10.19113/sdufenbed.503829>

Bildiriler (YOKSIS)

1 3-Dimensional Numerical Simulation of Helical Coil Heat Exchangers

GÖNÜL ALIŞAN, MERCAN HATİCE, DALKILIÇ AHMET SELİM

4TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2018 ,

2 A COMPARISON IN TERMS OF COP VALUES OF REFRIGERANTS USED IN HVAC

GÖNÜL ALIŞAN, SEVİNDİR MUSTAFA KEMAL, ÖZTÜRK ESEN

CLIMAMED VII. MEDITERRANEAN CONGRESS OF CLIMATIZATION ,

3 A research on heat transfer characteristics of hairpin heat exchangers numerically

Dallı Onur, DALKILIÇ AHMET SELİM, GÖNÜL ALIŞAN, İren Kamil, TANER TOLGA

5. Uluslararası Mühendislik Mimarlık ve Tasarım Kongresi ,

4 AERODYNAMIC ANALYSIS AND AERO PACKAGE OPTIMIZATION IN TRUCKS

DALKILIÇ AHMET SELİM, GÖNÜL ALIŞAN, Kırklaroğlu Mert, Deniz Yavuz, Koç Osman Kerem

5TH INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2019 ,

5 Artificial Intelligence Assessment of Energy Efficiency of Different Refrigerants at Low Temperatures for Storage Unit Using in Medicine

ALTINTAŞ KAHRİMAN ELİF, KÖSE ALİ, GÖNÜL ALIŞAN, PARMAKSIZOĞLU İSMAİL CEM

The 19th International Conference on Sustainable Energy Technologies , <https://nottingham-repository.worktribe.com/output/17381128/set2022-19th-international-conference-on-sustainable-energy-technologies-16th-to-18th-august-2022-turkey-sustainable-energy-technologies-2022-conference-proceedings-volume-1>

6 Bibliometric Analysis of Postgraduate Thesis in The Field of Photovoltaics Between (2020-2023)

BAYRAK FATİH, GÖNÜL ALIŞAN

SIVAS II. INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH ,
https://www.iksadkongre.com/_files/ugd/614b1f_4222d970995448799013d2daae72de67.pdf

7 Comparative Economical Analysis of Air and Ground Source Heat Pumps for Different Climatic Regions of Turkey

GÖNÜL ALIŞAN, ERGÜL VEYSEL, TALU YUNUS EMRE

XI. International HVACR Technology Symposium ,

8 DETERMINATION OF THE EFFECTS OF TWISTED TAPE APPLICATIONS IN TUBES ON HEAT TRANSFER CHARACTERISTICS WITH DIFFERENT RESPONSE SURFACE METHODOLOGIES

GÖNÜL ALIŞAN, BAYRAK FATİH, DALKILIÇ AHMET SELİM

IV. INTERNATIONAL SCIENTIFIC RESEARCH CONFERENCE ,
<https://www.kongreuzmani.com/site.html?https://www.umteb.com>

9 DRYING CHARACTERISTICS OF ÇINI CERAMIC RAW MATERIALS IN A CONVECTIVE DRYER

AĞRA ÖZDEN, GÖNÜL ALIŞAN

- 9 19th International Drying Symposium (IDS 2014) ,
- 10 **Drying kinetics of kiwi fruits**
GÖNÜL ALIŞAN,AĞRA ÖZDEN,ATAYILMAZ ŞEVKET ÖZGÜR,DEMİR HAKAN,KAYACI NURULLAH
19th International Drying Symposium (IDS 2014) ,
- 11 **FARKLI TEL ÇAPLARINA GÖRE TELLİ TİP YOĞUŞTURUCULARDA HAVA TARAFI ISI GEÇİŞİNİN SAYISAL İNCELENMESİ**
GÖNÜL ALIŞAN,SEVİNDİR MUSTAFA KEMAL,AĞRA ÖZDEN,DEMİR HAKAN,ATAYILMAZ ŞEVKET ÖZGÜR
4 Uluslararası Katılımlı Anadolu Enerji Sempozyumu ,
- 12 **Investigation of Mixing of Jet Flow with Various Geometries and Cross Flow In A Confined Channel**
Yıldız Alp Eren,DALKILIÇ AHMET SELİM,GÖNÜL ALIŞAN,BACAK AYKUT
International Conference on Mechanical, Manufacturing, Industrial and Civil Engineering (ICMMICE),
Istanbul, Turkey ,
- 13 **NUMERICAL MODELING OF HORIZONTAL GROUND SOURCE HEAT PUMP SYSTEM FOR SNOW MELTING ON PAVEMENTS**
KAYACI NURULLAH,GÖNÜL ALIŞAN,DEMİR HAKAN,ATAYILMAZ ŞEVKET ÖZGÜR,SEVİNDİR MUSTAFA KEMAL
PROCEEDING OF 2ND INTERNATIONAL CONFERENCE ON MECHANICAL AND AERONAUTICAL,
BANGKOK ,
- 14 **Numerical Investigation on Heat Transfer and Pressure Drop Characteristics of Helically Coiled Heat Exchangers**
KIRKAR ŞAFAK METİN,İren Kamil,GÖNÜL ALIŞAN,CELEN ALİ,DALKILIÇ AHMET SELİM
World Energy Strategies Congress and Exhibition (WESCE-2019) ,
- 15 **THE DETERMINATION OF THE BEST CFD MODELS FOR CALCULATION OF AIR-SIDE HEAT TRANSFER ON WIRE-ON-TUBE TYPE CONDENSERS**
GÖNÜL ALIŞAN,DEMİREL ELİFNUR,GÜNERİ BATUHAN,GEZE EMRE,DEMİR HAKAN,ATAYILMAZ ŞEVKET ÖZGÜR,AĞRA ÖZDEN
3rd INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2017 ,
- 16 **THE ECONOMIC COMPARISON OF SEAWATER SOURCE HEAT PUMP APPLICATION AND ELECTRIC HEATING ON BRIDGE HEATING IN WINTER**
SEVİNDİR MUSTAFA KEMAL,DEMİR HAKAN,ATAYILMAZ ŞEVKET ÖZGÜR,KAYACI NURULLAH,GÖNÜL ALIŞAN
PROCEEDING OF 2ND INTERNATIONAL CONFERENCE ON MECHANICAL AND AERONAUTICAL,
BANGKOK ,
- 17 **Thermo-Economical Optimization of Ground Source Heat Pump With Horizontal Ground Heat Exchangers for a Heating Season in Istanbul: A Case Study**
DEMİR HAKAN,GÖNÜL ALIŞAN,KAYACI NURULLAH,ATAYILMAZ ŞEVKET ÖZGÜR,AĞRA ÖZDEN
ASME 2014 4th Joint US-European Fluids Engineering Division Summer Meeting FEDSM 2014 ,
<https://asmedigitalcollection.asme.org/FEDSM/proceedings/FEDSM2014/46230/Chicago,20Illinois,20USA/233055>
- 18 **Thermo-economical Optimization Of Ground Source Heat Pump With Horizontal Ground Heat Exchangers**
DEMİR HAKAN,GÖNÜL ALIŞAN,KAYACI NURULLAH,ATAYILMAZ ŞEVKET ÖZGÜR,AĞRA ÖZDEN
4th Joint US-European Fluids Engineering Division Summer Meeting and 11th International Conference on Nanochannels, Microchannels, and Minichannels. FEDSM2014 ,

THERMODYNAMIC ANALYSIS OF GEOTHERMAL POWER PLANT ASSISTED ORGANIC RANKINE CYCLE WITH ANN APPROACH

GÖNÜL ALIŞAN, ALTINTAŞ KAHRİMAN ELİF, KÖSE ALİ, DOĞAN AHMET, PARMAKSIZOĞLU İSMAİL CEM

11th Global Conference on Global Warming 2023 (GCGW-2023) , https://gcgw2023.org/wp-content/uploads/2023/10/gcgw23_proceeding.pdf