

# Prof. ÖMER KAYNAKLI

## Personal Information

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## Education Information

Doctorate, Bursa Uludağ University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (Dr), Turkey 2000 - 2004

Postgraduate, Bursa Uludağ University, Fen Bilimleri Enstitüsü, Makine Mühendisliği (YI) (Tezli), Turkey 1998 - 2000

Undergraduate, Bursa Uludağ University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 1994 - 1998

## Foreign Languages

English, B2 Upper Intermediate

## Research Areas

Engineering and Technology

## Academic Titles / Tasks

Professor, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği, 2014 - Continues

Associate Professor, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği, 2009 - 2014

Assistant Professor, Bursa Uludağ University, Mühendislik Fakültesi, Otomotiv Mühendisliği, 2008 - 2009

Lecturer PhD, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği, 2004 - 2008

Research Assistant, Bursa Uludağ University, Mühendislik Fakültesi, Makina Mühendisliği, 1999 - 2004

## Advising Theses

KAYNAKLI Ö., Modelling, thermodynamic optimization and exergoeconomic analysis of an ORC aided multifunctional system utilizing geothermal energy for the production of liquid hydrogen, Doctorate, A.Hüsnü(Student), 2020

KAYNAKLI Ö., Improvement of response time for vehicle thermostats, Postgraduate, O.Aydın(Student), 2020

KAYNAKLI Ö., Improve chiller efficiency with evaporative cooling, Postgraduate, İ.Seven(Student), 2020

KAYNAKLI Ö., Experimental and numerical investigation into thermal performance optimization of vehicle radiators, Doctorate, A.Serhan(Student), 2020

KAYNAKLI Ö., Full automatic double compressor smart vaccine and drug cabinet design, Postgraduate, A.Serhat(Student), 2019

KAYNAKLI Ö., Optimization of thermal insulation thickness applied to building external walls considering economic parameters, Postgraduate, Ö.Erdoğan(Student), 2018

KAYNAKLI Ö., Improving the performance of the chiller, Postgraduate, G.Bozer(Student), 2017

KAYNAKLI Ö., Thermoeconomic analysis of a trigeneration system, Postgraduate, Y.Şen(Student), 2017

KAYNAKLI Ö., The first and second law analyses of double effect absorption refrigeration systems, Doctorate,

K.Saka(Student), 2016

KAYNAKLI Ö., Cooling system design and thermal analyses of automotive LED lighting products, Postgraduate,

E.Düzyer(Student), 2016

KAYNAKLI Ö., Determination of insulation thickness considering condensation in walls, Postgraduate, A.Hüsnu(Student), 2014

KAYNAKLI Ö., Thermoeconomic optimization of the pipe diameter and insulation thickness for heating systems, Postgraduate, D.Yıldız(Student), 2013

KAYNAKLI Ö., Heating and cooling with solar absorption systems in a residential application, Doctorate, B.Pastakkaya(Student), 2012

KAYNAKLI Ö., Termodinamic analysis of singel stage absorbtion refrigeration system, Postgraduate, K.Saka(Student), 2010

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **INVESTIGATION OF PARAMETERS AFFECTING THE OPTIMUM THERMAL INSULATION THICKNESS FOR BUILDINGS IN HOT AND COLD CLIMATES**  
CANBOLAT A. S. , Bademlioglu A. H. , SAKA K., KAYNAKLI Ö.  
THERMAL SCIENCE, vol.24, no.5, pp.2891-2903, 2020 (Peer-Reviewed Journal)
- II. **Multi-objective optimization of parameters affecting Organic Rankine Cycle performance characteristics with Taguchi-Grey Relational Analysis**  
Bademlioglu A. H. , Canbolat A. S. , Kaynakli Ö.  
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.117, 2020 (Peer-Reviewed Journal)
- III. **A modeling of electricity generation by using geothermal assisted organic Rankine cycle with internal heat recovery**  
Canbolat A. S. , Bademlioglu A. H. , Kaynakli Ö.  
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, 2019 (Peer-Reviewed Journal)
- IV. **Performance optimization of absorption refrigeration systems using Taguchi, ANOVA and Grey Relational Analysis methods**  
Canbolat A. S. , Bademlioglu A. H. , Arslanoglu N., Kaynakli Ö.  
JOURNAL OF CLEANER PRODUCTION, vol.229, pp.874-885, 2019 (Peer-Reviewed Journal)
- V. **Performance Assessment and Solution Procedure for Series Flow Double-Effect Absorption Refrigeration Systems Under Critical Operating Constraints**  
Yilmaz I. H. , SAKA K., KAYNAKLI Ö., KAŞKA Ö.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.44, no.6, pp.5997-6011, 2019 (Peer-Reviewed Journal)
- VI. **A PARAMETRIC ANALYSIS OF THE PERFORMANCE OF ORGANIC RANKINE CYCLE WITH HEAT RECOVERY EXCHANGER AND ITS STATISTICAL EVALUATION**  
Bademlioglu A. H. , CANBOLAT A. S. , YAMANKARADENİZ N., KAYNAKLI Ö.  
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.39, no.2, pp.121-135, 2019 (Peer-Reviewed Journal)
- VII. **Investigation of parameters affecting Organic Rankine Cycle efficiency by using Taguchi and ANOVA methods**  
Bademlioglu A. H. , Canbolat A. S. , Yamankaradeniz N., Kaynakli Ö.  
APPLIED THERMAL ENGINEERING, vol.145, pp.221-228, 2018 (Peer-Reviewed Journal)
- VIII. **Performance Assessments of Organic Rankine Cycle With Internal Heat Exchanger Based on Exergetic Approach**  
YAMANKARADENİZ N., Bademlioglu A. H. , KAYNAKLI Ö.  
JOURNAL OF ENERGY RESOURCES TECHNOLOGY-TRANSACTIONS OF THE ASME, vol.140, no.10, 2018 (Peer-Reviewed Journal)
- IX. **Determination of Optimum Insulation Thickness for Different Insulation Applications Considering**

## Condensation

KAYNAKLI Ö., Bademlioglu A. H. , UFAT H.

TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.25, pp.32-42, 2018 (Peer-Reviewed Journal)

- X. **Investigation of the number of particles in an operating room at different ambient temperatures and inlet velocities**  
Ufat H., Kaynakli Ö., Yamankaradeniz N., Yamankaradeniz R.  
INTERNATIONAL JOURNAL OF VENTILATION, vol.17, no.3, pp.209-223, 2018 (Peer-Reviewed Journal)
- XI. **THE EFFECT OF WATER VAPOR DIFFUSION RESISTANCE FACTOR OF INSULATION MATERIALS FOR OUTER WALLS ON CONDENSATION**  
Bademlioglu A. H. , KAYNAKLI Ö., YAMANKARADENİZ N.  
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.38, no.2, pp.15-23, 2018 (Peer-Reviewed Journal)
- XII. **Three-dimensional air distribution analysis of different outflow typed operating rooms at different inlet velocities and room temperatures**  
UFAT H., KAYNAKLI Ö., YAMANKARADENİZ N., YAMANKARADENİZ R.  
ADVANCES IN MECHANICAL ENGINEERING, vol.9, no.7, pp.1-12, 2017 (Peer-Reviewed Journal)
- XIII. **A thermodynamic evaluation on high pressure condenser of double effect absorption refrigeration system**  
Yilmaz I. H. , SAKA K., KAYNAKLI Ö.  
ENERGY, vol.113, pp.1031-1041, 2016 (Peer-Reviewed Journal)
- XIV. **PERFORMANCE ANALYSIS OF A RE-CIRCULATING HEAT PUMP DRYER**  
YAMANKARADENİZ N., Sokmen K. F. , COŞKUN S., KAYNAKLI Ö., PASTAKKAYA B.  
THERMAL SCIENCE, vol.20, no.1, pp.267-277, 2016 (Peer-Reviewed Journal)
- XV. **Energy and exergy analysis of a double effect absorption refrigeration system based on different heat sources**  
KAYNAKLI Ö., SAKA K., KAYNAKLI F.  
ENERGY CONVERSION AND MANAGEMENT, vol.106, pp.21-30, 2015 (Peer-Reviewed Journal)
- XVI. **Economic thermal insulation thickness for pipes and ducts: A review study**  
Kaynakli Ö.  
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.30, pp.184-194, 2014 (Peer-Reviewed Journal)
- XVII. **MATHEMATICAL MODELING OF HC EMISSIONS RELEASED BY OIL FILM FOR GASOLINE AND GASEOUS FUELS**  
KARAMANGİL M. İ. , Yenice S., KAYNAKLI Ö., SÜRME N. A.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.29, no.2, pp.343-352, 2014 (Peer-Reviewed Journal)
- XVIII. **OPTIMUM THERMAL INSULATION THICKNESSES AND PAYBACK PERIODS FOR BUILDING WALLS IN TURKEY**  
Kaynakli Ö.  
ISI BILIMI VE TEKNIGI DERGISI-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.33, no.2, pp.45-55, 2013 (Peer-Reviewed Journal)
- XIX. **Determination of heating-cooling periods and annual energy requirements variations with respect to years**  
Kaynakli Ö.  
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.29, no.2, pp.801-810, 2012 (Peer-Reviewed Journal)
- XX. **DETERMINATION OF OPTIMUM THERMAL INSULATION THICKNESS CONSIDERING SOLAR RADIATION AND WALL ORIENTATION**  
KAYNAKLI Ö., Ozdemir S., KARAMANGİL M. İ.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.27, no.2, pp.367-374, 2012 (Peer-Reviewed Journal)
- XXI. **Experimental analysis of a solar absorption system with interior energy storage**

PASTAKKAYA B., YAMANKARADENİZ N., KAYNAKLI Ö., COŞKUN S., Yamanakaradeniz R.

JOURNAL OF ENERGY IN SOUTHERN AFRICA, vol.23, no.2, pp.39-49, 2012 (Peer-Reviewed Journal)

- XXII. **A review of the economical and optimum thermal insulation thickness for building applications**  
Kaynaklı Ö.  
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.16, no.1, pp.415-425, 2012 (Peer-Reviewed Journal)
- XXIII. **Technical and economic analysis of the problems observed in diesel engines with common rail injection systems in Turkey**  
KARAMANGİL M. İ. , ERKUŞ B., KAYNAKLI Ö., SÜR MEN A.  
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.28, no.2, pp.563-576, 2012 (Peer-Reviewed Journal)
- XXIV. **Parametric Investigation of Optimum Thermal Insulation Thickness for External Walls**  
Kaynaklı Ö.  
ENERGIES, vol.4, no.6, pp.913-927, 2011 (Peer-Reviewed Journal)
- XXV. **An experimental investigation on interior thermal conditions and human body temperatures during cooling period in automobile**  
Kılıç M., Kaynaklı Ö.  
HEAT AND MASS TRANSFER, vol.47, pp.407-418, 2011 (Peer-Reviewed Journal)
- XXVI. **A simulation study of performance evaluation of single-stage absorption refrigeration system using conventional working fluids and alternatives**  
KARAMANGİL M. İ. , Coskun S., Kaynaklı Ö., Yamankaradeniz N.  
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.14, no.7, pp.1969-1978, 2010 (Peer-Reviewed Journal)
- XXVII. **Exergy analysis of absorber using water/lithium bromide solution**  
Kaynaklı Ö.  
HEAT AND MASS TRANSFER, vol.44, no.9, pp.1089-1097, 2008 (Peer-Reviewed Journal)
- XXVIII. **A study on residential heating energy requirement and optimum insulation thickness**  
Kaynaklı Ö.  
RENEWABLE ENERGY, vol.33, no.6, pp.1164-1172, 2008 (Peer-Reviewed Journal)
- XXIX. **The first and second law analysis of a lithium bromide/water coil absorber**  
Kaynaklı Ö.  
ENERGY, vol.33, no.5, pp.804-816, 2008 (Peer-Reviewed Journal)
- XXX. **Effects of radiant temperature on thermal comfort**  
Atmaca I., Kaynaklı Ö., Yigit A.  
BUILDING AND ENVIRONMENT, vol.42, no.9, pp.3210-3220, 2007 (Peer-Reviewed Journal)
- XXXI. **Second law-based thermodynamic analysis of water-lithium bromide absorption refrigeration system**  
Kilic M., Kaynaklı Ö.  
ENERGY, vol.32, no.8, pp.1505-1512, 2007 (Peer-Reviewed Journal)
- XXXII. **Thermodynamic analysis of absorption refrigeration system based on entropy generation**  
Kaynaklı Ö., Yamankaradeniz R.  
CURRENT SCIENCE, vol.92, no.4, pp.472-479, 2007 (Peer-Reviewed Journal)
- XXXIII. **Theoretical study on the effect of operating conditions on performance of absorption refrigeration system**  
Kaynaklı Ö., Kilic M.  
ENERGY CONVERSION AND MANAGEMENT, vol.48, pp.599-607, 2007 (Peer-Reviewed Journal)
- XXXIV. **Parametric investigation of cylinder and jacket side convective heat transfer coefficients of gasoline engines**  
Karamangil M. İ. , Kaynaklı Ö., Surmen A.  
ENERGY CONVERSION AND MANAGEMENT, vol.47, no.6, pp.800-816, 2006 (Peer-Reviewed Journal)
- XXXV. **Determination of required core temperature for thermal comfort with steady-state energy balance method**  
Kilic M., Kaynaklı Ö., Yamankaradeniz R.

- INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.33, pp.199-210, 2006 (Peer-Reviewed Journal)
- XXXVI. **Comparison of parallel and counter flow coil absorber performance**  
Kaynakli Ö., Horuz I.  
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.33, no.2, pp.211-223, 2006 (Peer-Reviewed Journal)
- XXXVII. **An investigation of thermal comfort inside an automobile during the heating period**  
Kaynakli Ö., Kilic M.  
APPLIED ERGONOMICS, vol.36, pp.301-312, 2005 (Peer-Reviewed Journal)
- XXXVIII. **Thermal comfort during heating and cooling periods in an automobile**  
Kaynakli Ö., Pulat E., Kilic M.  
HEAT AND MASS TRANSFER, vol.41, pp.449-458, 2005 (Peer-Reviewed Journal)
- XXXIX. **Investigation of indoor thermal comfort under transient conditions**  
Kaynakli Ö., Kilic M.  
BUILDING AND ENVIRONMENT, vol.40, pp.165-174, 2005 (Peer-Reviewed Journal)
- XL. **Evaluation of coil absorber performance**  
Kaynakli Ö., Horuz I.  
HEAT AND MASS TRANSFER, vol.40, no.12, pp.929-936, 2004 (Peer-Reviewed Journal)
- XLI. **Evaluating thermal environments for sitting and standing posture**  
Kaynakli Ö., Unver U., Kilic M.  
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.30, pp.1179-1188, 2003 (Peer-Reviewed Journal)
- XLII. **An experimental analysis of automotive air conditioning system**  
Kaynakli Ö., Horuz I.  
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.30, no.2, pp.273-284, 2003 (Peer-Reviewed Journal)

## Articles Published in Other Journals

- I. **EXERGY ANALYSIS OF THE ORGANIC RANKINE CYCLE BASED ON THE PINCH POINT TEMPERATURE DIFFERENCE**  
Bademlioglu A. H. , Yamankaradeniz R., Kaynakli Ö.  
JOURNAL OF THERMAL ENGINEERING, vol.5, no.3, pp.157-165, 2019 (Peer-Reviewed Journal)
- II. **Klima Cihazı Üfleme Çıkış Açısının Isıl Konfor Üzerindeki Etkisinin Nümerik Olarak İncelenmesi**  
CANBOLAT A. S. , KAYNAKLI Ö., TÜRKAN B., YAMANKARADENİZ N.  
Tesisat Mühendisliği, vol.26, no.169, pp.31-38, 2019 (Peer-Reviewed Journal)
- III. **Determination of Proper Insulation Thickness for Building Walls Regarding Economic Consideration**  
CANBOLAT A. S. , BADEMLİOĞLU A. H. , KAYNAKLI Ö.  
International Research Journal of Advanced Engineering and Science, vol.3, no.4, pp.173-176, 2018 (Peer-Reviewed Journal)
- IV. **ENERGY POTENTIAL OF ANIMAL BIOMASS IN TURKEY**  
SAKA K., YILMAZ İ. H. , CANBOLAT A. S. , KAYNAKLI Ö.  
European Journal of Technique, vol.8, no.2, pp.160-167, 2018 (Peer-Reviewed Journal)
- V. **INVESTIGATION OF DIFFERENT TURBULANCE MODELS ON THERMAL AND HYDRAULIC BEHAVIOUR OF AUTOMOTIVE COOLING SYSTEM**  
CANBOLAT A. S. , KAYNAKLI Ö., TÜRKAN B., YAMANKARADENİZ R.  
International Journal of Mechanical And Production Engineering, vol.5, no.9, pp.77-82, 2017 (Peer-Reviewed Journal)
- VI. **A Study on The Parameters Affecting Insulation Thickness on External Wall of Buildings**  
KAYNAKLI Ö., CANBOLAT A. S. , BADEMLİOĞLU A. H.

- International Journal of Mechanical and Production Engineering, vol.5, no.7, pp.81-84, 2017 (Peer-Reviewed Journal)
- VII. **CFD Study of Heat Transfer and Pressure Drop Characteristics in Vehicle Radiators**  
CANBOLAT A. S. , KAYNAKLI Ö., TÜRKAN B.  
International Journal of Mechanical And Production Engineering, vol.5, no.4, pp.66-70, 2017 (Peer-Reviewed Journal)
- VIII. **Thermodynamic Analysis of The Organic Rankine Cycle and The Effect of Refrigerant Selection on Cycle Performance**  
KAYNAKLI Ö., BADEMLİOĞLU A. H. , YAMANKARADENİZ N., YAMANKARADENİZ R.  
International Journal of Energy Applications and Technologies, vol.4, no.3, pp.101-108, 2017 (Peer-Reviewed Journal)
- IX. **DETERMINATION OF OPTIMUM THERMAL INSULATION THICKNESSES CONSIDERING THE SEASONAL ENERGY REQUIREMENTS**  
KAYNAKLI Ö., SAKA K., KAYNAKLI Z.  
International Journal of Mechanical And Production Engineering, vol.4, no.6, pp.71-75, 2016 (Peer-Reviewed Journal)
- X. **Determination of optimum thermal insulation thicknesses for external walls considering the heating cooling and annual energy requirements**  
KAYNAKLI Ö., KAYNAKLI F.  
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi, 2016 (Peer-Reviewed Journal)
- XI. **A study on determination of optimum thermal insulation thickness using life cycle cost analysis**  
KAYNAKLI Ö., YÜCE C., DOĞAN O., Zeynep K.  
International Journal of Advances in Mechanical and Civil Engineering, vol.3, no.6, pp.1-5, 2015 (Peer-Reviewed Journal)
- XII. **Bina Duvarlarına Uygulanan Isıl Yalıtım Kalınlığının Enerji Maliyeti Odaklı Optimizasyonu**  
KAYNAKLI Ö., MUTLU M., KILIÇ M.  
Tesisat Mühendisliği, no.156, pp.48-54, 2011 (Peer-Reviewed Journal)
- XIII. **Isıtma Süreci ve Optimum Yalıtım Kalınlığı Hesabı**  
KAYNAKLI Ö., YAMANKARADENİZ R.  
Makina Mühendisleri Odası İstanbul Şubesi Tesisat Mühendisliği Dergisi, 2007 (Peer-Reviewed Journal)
- XIV. **Sürekli rejim enerji dengesi modeline göre ısıl konfor bölgeleri**  
Kaynaklı Ö., Ünver Ü., Kılıç M., Yamankaradeniz R.  
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.9, no.1, pp.23-30, 2003 (Peer-Reviewed Journal)
- XV. **İçten yanmalı motorlarda enerji dağılımı ve kullanılabilirliği**  
KAYNAKLI Ö., HORUZ İ., KARAMANGİL M. İ.  
Z.K.Ü. Karabük Teknik Eğitim Fakültesi Teknoloji Dergisi, vol.6, pp.23-34, 2003 (Peer-Reviewed Journal)
- XVI. **İnsan vücudu için ısı dengesi ve ısıl konfor şartları**  
YİĞİT A., KAYNAKLI Ö.  
Dokuz Eylül Üniversitesi Fen ve Mühendislik Dergisi, vol.5, 2003 (Peer-Reviewed Journal)
- XVII. **Sürekli rejimde ısıl konfor şartlarının modellenmesi**  
Kaynaklı Ö., Kılıç M.  
Anadolu Üniversitesi Bilim ve Teknoloji Dergisi, vol.4, 2003 (Peer-Reviewed Journal)

## **Books & Book Chapters**

- I. **MÜHENDİSLER İÇİN TERMODİNAMİĞİN ESASLARI CİLT 2**  
YAMANKARADENİZ R., YAMANKARADENİZ N., COŞKUN S., PULAT E., KAYNAKLI Ö.  
Dora Basım yayını Ltd. Şti, Bursa, 2019
- II. **MÜHENDİSLER İÇİN TERMODİNAMİĞİN ESASLARI CİLT I**  
YAMANKARADENİZ R., YAMANKARADENİZ N., COŞKUN S., PULAT E., KAYNAKLI Ö.

Dora, Bursa, 2018

III. **Mühendisler İçin Termodinamiğin Esasları Cilt 2**

YAMANKARADENİZ R., YAMANKARADENİZ N., COŞKUN S., PULAT E., KAYNAKLI Ö.

Dora, Bursa, 2018

IV. **Soğutma Tekniği ve Isı Pompası Uygulamaları**

YAMANKARADENİZ R., HORUZ İ., COŞKUN S., KAYNAKLI Ö., YAMANKARADENİZ N.

Dora Yayınevi, 2017

V. **İklimlendirme Esasları ve Uygulamaları**

YAMANKARADENİZ R., HORUZ İ., COŞKUN S., KAYNAKLI Ö., YAMANKARADENİZ N.

Dora, 2015

VI. **Investigation of Humidity Effects on the Thermal Comfort and Heat Balance of the Body**

KAYNAKLI Ö., MUTLU M., ATMACA İ., KILIÇ M.

in: Progress in Exergy, Energy and the Environment, İbrahim Dinçer, Adnan Midilli, Haydar Küçük, Editor,

Springer International Publishing, pp.421-434, 2014

VII. **Investigation of Humidity Effects on the Thermal Comfort and Heat Balance of the Body**

KAYNAKLI Ö., MUTLU M., ATMACA İ., KILIÇ M.

in: Progress in Exergy, Energy, and the Environment, Dinçer, İ., Midilli, A. and Küçük, A., Editor, Springer, pp.421-

434, 2014

## Refereed Congress / Symposium Publications in Proceedings

- I. **The Effect of Environmental Conditions on Optimum Insulation Thickness by Considering Condensation and Its Statistical Analysis**  
BADEMLİOĞLU A. H. , CANBOLAT A. S. , KAYNAKLI Ö.  
22nd Congress on Thermal Science and Technology, 11 - 14 September 2019, pp.421-428
- II. **Çatı Katlarındaki Isıl Konforun Farklı Isıtma Sistemleri Kullanılarak İncelenmesi**  
CANBOLAT A. S. , BADEMLİOĞLU A. H. , KAYNAKLI Ö.  
22nd Congress on Thermal Science and Technology, 11 - 14 September 2019, pp.483-489
- III. **Bir Taşıt Radyatöründe Isı Geçişine Etki Eden Parametrelerin İstatistiksel Analizi**  
CANBOLAT A. S. , BADEMLİOĞLU A. H. , PERUT A. H. , YETER A., KAYNAKLI Ö.  
22nd Congress on Thermal Science and Technology, 11 - 14 September 2019, pp.120-125
- IV. **Organik Rankine Çevriminin Islak ve Kuru Tip Akışkanlar için Performans Analizi**  
BADEMLİOĞLU A. H. , CANBOLAT A. S. , KAYNAKLI Ö.  
22nd Congress on Thermal Science and Technology, 11 - 14 September 2019, pp.27-34
- V. **Thermoeconomic analysis of regenerative gas turbine based heat and power system**  
ŞEN Y., TÜRKAN B., YAMANKARADENİZ R., KAYNAKLI Ö.  
International Conference on Science and Technology, 5 - 09 September 2018
- VI. **BURSA'DA BULUNAN ŞEBEKE BAĞLANTILI BİR PV GÜÇ SANTRALİNİN GÜNLÜK ELEKTRİK ÜRETİMİ**  
SAKA K., KAYNAKLI Ö., YAMANKARADENİZ R.  
4th Anatolian Energy Symposium with International Participation, Edirne, Turkey, 18 - 20 April 2018, pp.1479-1485
- VII. **Bir açık tip çok raflı soğutuculu teşhir dolabında tasarım parametrelerinin HAD üzerinde incelenmesi**  
Balkan Ç., KAYNAKLI Ö.  
4th Anatolian Energy Symposium with International Participation, 18 - 20 April 2018
- VIII. **Effect of Using Dimpled Tubes in Car Radiators into Thermal Performance and Pressure Drop Characteristics**  
CANBOLAT A. S. , BADEMLİOĞLU A. H. , YAMANKARADENİZ N., KAYNAKLI Ö.  
Alternative Energy Sources, Materials Technologies (AESMT'18), Plovdiv, Bulgaria, 14 - 15 May 2018
- IX. **A PRACTICAL SOFTWARE FOR THERMODYNAMIC ANALYSIS OF ABSORPTION REFRIGERATION**

## CYCLES USING H<sub>2</sub>O/LiBr AND NH<sub>3</sub>/H<sub>2</sub>O SOLUTION PAIRS

CANBOLAT A. S. , SAKA K., KAYNAKLI F., YAMANKARADENİZ N., KAYNAKLI Ö.

IV. Uluslararası Katılımlı Anadolu Enerji Sempozyumu, Edirne, Turkey, 18 - 20 April 2018, pp.1574-1581

- X. **Exergy Analysis of The Organic Rankine Cycle Based on The Pinch Point Temperature Difference**  
BADEMLİOĞLU A. H. , KAYNAKLI Ö., YAMANKARADENİZ R.  
International Conference on Advances in Science, 13 - 15 September 2017
- XI. **Farklı iklimsel bölgelerde bulunan binalarda yapılan yalıtımın termal ve ekonomik analizi**  
CANBOLAT A. S. , KAYNAKLI Ö., TÜRKAN B., ETEMOĞLU A. B. , YAMANKARADENİZ R.  
II International Conference on Advanced Engineering Technologies (ICADET17), 21 - 23 September 2017
- XII. **Investigation of different turbulence models on thermal and hydraulic behaviour of automotive cooling system**  
CANBOLAT A. S. , KAYNAKLI Ö., TÜRKAN B., YAMANKARADENİZ R.  
Academics World 71st International Conference, 13 - 14 July 2017
- XIII. **A Study on The Parameters Affecting Insulation Thickness on External Wall of Buildings**  
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