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Education Information

Doctorate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (Dr), Turkey 2000 - 2004

Postgraduate, Bursa Uludağ University, FEN BİLİMLERİ ENSTİTÜSÜ, Makine Mühendisliği (YI) (Tezli), Turkey 1998 - 2000

Undergraduate, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, Makine Mühendisliği Bölümü, Turkey 1994 - 1998

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, MAKİNA MÜHENDİSLİĞİ, 2014 - Continues

Associate Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, MAKİNA MÜHENDİSLİĞİ, 2009 - 2014

Assistant Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, OTOMOTİV MÜHENDİSLİĞİ, 2008 - 2009

Lecturer PhD, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, MAKİNA MÜHENDİSLİĞİ, 2004 - 2008

Research Assistant, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, MAKİNA MÜHENDİSLİĞİ, 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.Hüsnu(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.Hüsni(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.Pastakaya(Student), 2012

KAYNAKLI Ö., Thermodynamic analysis of single stage absorption refrigeration system, Postgraduate, K.Saka(Student), 2010

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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, vol.45, no.1, pp.212-228, 2023 (SCI-Expanded)
- II. **Thermohydraulic Performance Optimization of Automobile Radiators Using Statistical Approaches**
CANBOLAT A. S., Bademlioglu A. H., KAYNAKLI Ö.
JOURNAL OF THERMAL SCIENCE AND ENGINEERING APPLICATIONS, vol.14, no.5, 2022 (SCI-Expanded)
- III. **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 (SCI-Expanded)
- IV. **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 (SCI-Expanded)
- V. **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 (SCI-Expanded)
- VI. **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 (SCI-Expanded)
- VII. **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 TEKNİĞİ DERGİSİ-JOURNAL OF THERMAL SCIENCE AND TECHNOLOGY, vol.39, no.2, pp.121-135, 2019 (SCI-Expanded)
- VIII. **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 (SCI-Expanded)

- IX. **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 (SCI-Expanded)
- X. **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 (SCI-Expanded)
- XI. **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 (SCI-Expanded)
- XII. **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 (SCI-Expanded)
- XIII. **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 (SCI-Expanded)
- XIV. **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 (SCI-Expanded)
- XV. **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 (SCI-Expanded)
- XVI. **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 (SCI-Expanded)
- XVII. **Economic thermal insulation thickness for pipes and ducts: A review study**
Kaynakli Ö.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.30, pp.184-194, 2014 (SCI-Expanded)
- XVIII. **MATHEMATICAL MODELING OF HC EMISSIONS RELEASED by OIL FILM for GASOLINE and GASEOUS FUELS**
KARAMANGİL M. İ., Yenice S., KAYNAKLI Ö., SÜR MEN A.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.29, no.2, pp.343-352, 2014 (SCI-Expanded)
- XIX. **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 (SCI-Expanded)
- XX. **Determination of heating-cooling periods and annual energy requirements variations with respect to years**

Kaynaklı Ö.

ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.29, no.2, pp.801-810, 2012 (SCI-Expanded)

- XXI. **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 (SCI-Expanded)
- XXII. **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 (SCI-Expanded)
- 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., SÜRMEŒ A.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.28, no.2, pp.563-576, 2012 (SCI-Expanded)
- XXIV. **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 (SCI-Expanded)
- XXV. **Parametric Investigation of Optimum Thermal Insulation Thickness for External Walls**
Kaynaklı Ö.
ENERGIES, vol.4, no.6, pp.913-927, 2011 (SCI-Expanded)
- XXVI. **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 (SCI-Expanded)
- XXVII. **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 (SCI-Expanded)
- XXVIII. **Exergy analysis of absorber using water/lithium bromide solution**
Kaynaklı Ö.
HEAT AND MASS TRANSFER, vol.44, no.9, pp.1089-1097, 2008 (SCI-Expanded)
- XXIX. **A study on residential heating energy requirement and optimum insulation thickness**
Kaynaklı Ö.
RENEWABLE ENERGY, vol.33, no.6, pp.1164-1172, 2008 (SCI-Expanded)
- XXX. **The first and second law analysis of a lithium bromide/water coil absorber**
Kaynaklı Ö.
ENERGY, vol.33, no.5, pp.804-816, 2008 (SCI-Expanded)
- XXXI. **Effects of radiant temperature on thermal comfort**
Atmaca I., Kaynaklı Ö., Yigit A.
BUILDING AND ENVIRONMENT, vol.42, no.9, pp.3210-3220, 2007 (SCI-Expanded)
- XXXII. **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 (SCI-Expanded)
- 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 (SCI-Expanded)
- XXXIV. **Thermodynamic analysis of absorption refrigeration system based on entropy generation**

- Kaynaklı Ö., Yamankaradeniz R.
CURRENT SCIENCE, vol.92, no.4, pp.472-479, 2007 (SCI-Expanded)
- XXXV. **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 (SCI-Expanded)
- XXXVI. **Comparison of parallel and counter flow coil absorber performance**
Kaynaklı Ö., Horuz I.
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.33, no.2, pp.211-223, 2006 (SCI-Expanded)
- XXXVII. **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 (SCI-Expanded)
- XXXVIII. **An investigation of thermal comfort inside an automobile during the heating period**
Kaynaklı Ö., Kilic M.
APPLIED ERGONOMICS, vol.36, pp.301-312, 2005 (SCI-Expanded)
- XXXIX. **Thermal comfort during heating and cooling periods in an automobile**
Kaynaklı Ö., Pulat E., Kilic M.
HEAT AND MASS TRANSFER, vol.41, pp.449-458, 2005 (SCI-Expanded)
- XL. **Investigation of indoor thermal comfort under transient conditions**
Kaynaklı Ö., Kilic M.
BUILDING AND ENVIRONMENT, vol.40, pp.165-174, 2005 (SCI-Expanded)
- XLI. **Evaluation of coil absorber performance**
Kaynaklı Ö., Horuz I.
HEAT AND MASS TRANSFER, vol.40, no.12, pp.929-936, 2004 (SCI-Expanded)
- XLII. **Evaluating thermal environments for sitting and standing posture**
Kaynaklı Ö., Unver U., Kilic M.
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.30, pp.1179-1188, 2003 (SCI-Expanded)
- XLIII. **An experimental analysis of automotive air conditioning system**
Kaynaklı Ö., Horuz I.
INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER, vol.30, no.2, pp.273-284, 2003 (SCI-Expanded)

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., Kaynaklı Ö.
JOURNAL OF THERMAL ENGINEERING, vol.5, no.3, pp.157-165, 2019 (ESCI)
- II. **Klima Cihazı Üfleme Çıkış Açısının Isıl Konfor Üzerindeki Etkisinin Nümerik Olarak İncelenmesi**
Canbolat A. S., Kaynaklı Ö., Türkan B., Yamankaradeniz 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 ısı 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 ısı konfor şartları**
YİĞİT A., KAYNAKLI Ö.
Dokuz Eylül Üniversitesi Fen ve Mühendislik Dergisi, vol.5, 2003 (Peer-Reviewed Journal)
- XVII. **Sürekli rejimde ısı 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 yayın 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., Bademlioğlu A. H., Yamankaradeniz N., Kaynaklı Ö.
First International Scientific Conference Alternative Energy Sources, Materials and Technologies, Plovdiv, Bulgaria, 14 - 15 May 2018
- IX. **A PRACTICAL SOFTWARE FOR THERMODYNAMIC ANALYSIS OF ABSORPTION REFRIGERATION CYCLES USING H₂O/LiBr AND NH₃/H₂O 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**
KAYNAKLI Ö., CANBOLAT A. S., BADEMLİOĞLU A. H.
Academics World 66th International Conference, 21 - 22 May 2017
- XIV. **Klima Cihazı Üfleme Çıkış Açısının Isıl Konfor Üzerindeki Etkisinin Nümerik Olarak İncelenmesi**
CANBOLAT A. S., KAYNAKLI Ö., TÜRKAN B., YAMANKARADENİZ N.
13. Ulusal Tesisat Mühendisliği Kongresi, Turkey, 19 - 22 May 2017
- XV. **Menfez Çıkış Hızının Mahal İçindeki Isıl Konfor Şartlarına Etkisinin İncelenmesi**
CANBOLAT A. S., KAYNAKLI Ö., YAMANKARADENİZ R.
13. Ulusal Tesisat Mühendisliği Kongresi, Turkey, 19 - 22 May 2017
- XVI. **ÜÇ ETKİLİ SOĞURMALI BİR SOĞUTMA SİSTEMİNİN TERMODİNAMİK TASARIMI**
SAKA K., KAYNAKLI Ö., YAMANKARADENİZ R.
2. ULUSLARARASI MÜHENDİSLİK MİMARLIK VE TASARIM KONGRESİ, İstanbul, Turkey, 12 - 13 May 2017, pp.382-383
- XVII. **Thermoeconomic analysis of a trigeneration system**
ŞEN Y., KAYNAKLI Ö.
International Conference on Energy and Thermal Engineering, 25 - 28 April 2017
- XVIII. **Optimization Of Insulation Thickness For External Walls Considering Different Climatic Conditions**
KAYNAKLI Ö., CANBOLAT A. S., SAKA K., YAMANKARADENİZ R.
International Conference on Innovative Engineering Technologies, Dubai, United Arab Emirates, 1 - 02 February 2017, pp.1-5
- XIX. **Optimization of insulation thickness for external walls considering different climatic conditions**
KAYNAKLI Ö., CANBOLAT A. S., SAKA K., YAMANKARADENİZ R.
International Conference on Innovative Engineering Technologies (ICIET), 1 - 02 February 2017
- XX. **CFD study of heat transfer and pressure drop characteristics in vehicle radiators**
CANBOLAT A. S., KAYNAKLI Ö., TÜRKAN B.
International Conference on Innovative Engineering Technologies (ICIET), 1 - 02 February 2017
- XXI. **Marmara bölgesinin hayvansal biyokütle dağılımı**
SAKA K., YILMAZ İ. H., KAYNAKLI Ö.
10. International Clean Energy Symposium, 24 - 26 October 2016, pp.158-163
- XXII. **Influence of the Equilibrium Temperature in the Double Stage of the Absorption Refrigeration**

System

YILMAZ İ. H., SAKA K., KAYNAKLI Ö.

8th International Ege Energy Symposium, Afyon, Turkey, 11 - 13 May 2016, pp.46-51

- XXIII. **MARMARA BÖLGESİNİN HAYVANSAL BİYOKÜTLE DAĞILIMI**
SAKA K., YILMAZ İ. H., KAYNAKLI Ö.
10th International Clean Energy Symposium, İstanbul, Turkey, 24 - 26 October 2016, pp.158-163
- XXIV. **Thermodynamic analysis of the Organic Rankine Cycle and the effect of refrigerant selection on cycle performance**
KAYNAKLI Ö., Bademlioğlu A. H., YAMANKARADENİZ N., YAMANKARADENİZ R.
International Conference on Advanced Technology & Sciences, 1 - 03 September 2016
- XXV. **Determination of optimum thermal insulation thicknesses considering the seasonal energy requirements**
KAYNAKLI Ö., SAKA K., KAYNAKLI Z.
68th IIER International Conference, Barcelona, Spain, 13 April 2016, pp.19-23
- XXVI. **INVESTIGATION ON DOUBLE EFFECT DUAL-HEATED ABSORPTION REFRIGERATION SYSTEM**
SAKA K., YILMAZ İ. H., KAYNAKLI Ö.
XII. International HVACR Technology Symposium, İstanbul, Turkey, 31 March - 02 April 2016, pp.123-129
- XXVII. **A study on determination of optimum thermal insulation thickness using life cycle cost analysis**
KAYNAKLI Ö., YÜCE C., DOĞAN O., Zeynep K.
19th International Conference on Recent Innovations in Engineering and Technology, New York, United States Of America, 23 - 25 October 2015, pp.14-18
- XXVIII. **HAVA SOĞUTMALI ÇİFT KADEMELİ ABSORBSİYONLU SOĞUTMA SİSTEMİNİN ENERJİ VE EKSERJİ ANALİZİ**
SAKA K., YAMANKARADENİZ N., KAYNAKLI F., KAYNAKLI Ö.
TESKON 2015 / 12. ULUSAL TESİSAT MÜHENDİSLİĞİ KONGRESİ, İzmir, Turkey, 8 - 11 April 2015, pp.1137-1151
- XXIX. **ABSORBSİYONLU SOĞUTMA SİSTEMİNİN SON KULLANICI KRİTERLERİNE GÖRE ENERJİ VE EKSERJİ ANALİZİ**
SAKA K., YAMANKARADENİZ N., KAYNAKLI F., KAYNAKLI Ö.
İKSES'14 ULUSAL İKLİMLENDİRME SOĞUTMA EĞİTİMİ SEMPOZYUMU, Balıkesir, Turkey, 23 - 25 October 2014, pp.261-271
- XXX. **ABSORBSİYONLU SOĞUTMA SİSTEMLERİNİN TERMODİNAMİK ANALİZLERİNDE KULLANILANSİMÜLASYON YÖNTEMLERİNİN KARSILASTIRILMASI**
SAKA K., YAMANKARADENİZ N., KAYNAKLI F., KAYNAKLI Ö.
2. Ulusal İklimlendirme Soğutma Eğitimi Sempozyumu ve Sergisi, Balıkesir, Turkey, 23 - 25 October 2014, pp.136-147
- XXXI. **Absorbsiyonlu Soğutma Sisteminde Entropi Üretiminin Farklı Çalışma Şartları Altında Analizi**
KAYNAKLI Ö., SAKA K., YAMANKARADENİZ N.
XI. International HVAC+R Technology Symposium, İstanbul, Turkey, 8 - 10 May 2014
- XXXII. **Absorbsiyonlu Soğutma Sisteminde Farklı Eriyiklerin Kullanılabilirliği ve Performans Değerlerinin İncelenmesi**
KAYNAKLI Ö., SAKA K., KAYNAKLI F.
11th International HVACR Technology Symposium, İstanbul, Turkey, 8 - 10 May 2014, pp.108-115
- XXXIII. **PROTOTYPING A NEW LIGHTWEIGHT PASSENGER SEAT**
Yuce C., KARPAT F., Yavuz N., Kaynaklı Ö., Dolaylar E., Sendeniz G.
ASME International Mechanical Engineering Congress and Exposition (IMECE2013), California, United States Of America, 15 - 21 November 2013
- XXXIV. **LED Sistemlerinin Isıl Analizi ve Soğutma Sistemlerinin Tasarımı**
KAYNAKLI Ö., PULAT E., YAMANKARADENİZ N., DÜZYER E.
Uludağ Üniversitesi Bilgilendirme ve Ar-Ge Günleri, Bursa, Turkey, 12 - 14 November 2013
- XXXV. **A computer based analysis of single-stage vapor absorption refrigeration system**
KAYNAKLI Ö., ARSLANOĞLU N., YAMANKARADENİZ R., YAMANKARADENİZ N.

- The Sixth International Exergy, Energy and Environment Symposium, Rize, Turkey, 1 - 04 July 2013, pp.543-553
- XXXVI. **Investigation of humidity effects on the thermal comfort and heat balance of the body**
Kaynaklı Ö., Mutlu M., Atmaca İ., Kılıç M.
The Sixth International Exergy, Energy and Environment Symposium (IEEES-6), Kayseri, Turkey, 1 - 04 July 2013, pp.560-568
- XXXVII. **Nem Alıcı ve Reküperatör Tip Isı Pompası Destekli Kurutma Sistemlerinin Performanslarının İncelenmesi**
YAMANKARADENİZ N., COŞKUN S., PASTAKKAYA B., KAYNAKLI Ö.
İKSES'2012 Ulusal İklimlendirme Soğutma Eğitimi Sempozyumu, Balıkesir, Turkey, 5 - 07 September 2012
- XXXVIII. **Bursa ili için güneş enerjisi kaynaklı soğutma sisteminin deneysel analizi**
PASTAKKAYA B., YAMANKARADENİZ N., COŞKUN S., KAYNAKLI Ö.
Uludağ Üniversitesi 1. Bilgilendirme ve AR-GE Günleri, Bursa, Turkey, 15 - 16 November 2011
- XXXIX. **Güneş Enerjisi Kaynaklı Soğutma Isıtma Teknolojileri Laboratuvarı**
YAMANKARADENİZ R., PASTAKKAYA B., YAMANKARADENİZ N., COŞKUN S., KAYNAKLI Ö.
Uludağ Üniversitesi 1. Bilgilendirme ve AR-GE Günleri, Bursa, Turkey, 15 - 16 November 2011
- XL. **Calculation of Thermal Comfort Zones with the Ambient Parameters**
Kaynaklı Ö., Ünver Ü., Kılıç M.
IEEES-1 The First International Exergy, Energy and Environment Symposium, Paris, France, 13 - 17 July 2003, pp.769-773
- XLI. **Exergy Analysis of a Lithium Bromide Water Absorption Refrigeration System**
KAYNAKLI Ö., ÜNVER Ü., KILIÇ M.
IEEES-1 The First International Exergy, Energy and Environment Symposium, France, 13 - 17 July 2003
- XLII. **Otomobil içinde ısıtma ve soğutma süreçlerinde ısı konforun simülasyonu**
KAYNAKLI Ö., ÜNVER Ü., KILIÇ M.
OTEKON'02 Otomotiv Teknolojileri Kongresi, Bursa, Turkey, 24 - 26 June 2002, pp.161-0

Supported Projects

Yamankaradeniz N., Taşdemir Y., Etemoğlu A. B., Avcı A., Karpat F., Yavuz N., Kaynaklı Ö., Yamankaradeniz R., Project Supported by Other Official Institutions, 400 ton/gün kapasiteli akışkan yataklı çamur yakma ve enerji elde etme tesisi yapım işi teknik danışmanlık ve araştırma-geliştirme, 2014 - 2017

Patent

Kaynaklı Ö., Kaynaklı F., Rulo halinde kağıtlar için bir kolay yırtıcı, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2013/08787 , Standard Registration, 2024

Metrics

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H-Index (Scopus): 20